Tremorfa Industrial Estate ELV and WEEE Recycling Facility

Application for an Environmental Permit

Appendix C: Application Site Condition Report













Quality Management

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Executive Summary

This document represents the Application Site Condition Report (SCR) for Tremorfa Metals Recycling Facility, submitted as part of an application to Natural Resources Wales for an Environmental Permit.

An appraisal of the proposed development site has been carried out and data relating to the surrounding areas has been reviewed in order to describe the conditions of the site, and in particular, to identify any substance in, on or under the land that may constitute a pollution risk to the land.

Substances to be stored on site have been identified and, where they may pose a potential pollution risk, suitable mitigation measures will be implemented at the operational phase to protect the land and groundwater from contamination.

It is considered that operation of the proposed development will not pose a significant environmental risk. Adequate containment measures shall be provided for all potentially hazardous substances and all operational storage areas are to be equipped with an impermeable surface.

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1 Introduction

1.1 A Site Condition Report (SCR) is required for any facility regulated by Natural Resources Wales (NRW) under the Environmental Permitting (England and Wales) Regulations 2016 (EPR) where there may be a significant risk to land or groundwater or where one is necessary to satisfy requirements of the Industrial Emissions Directive (IED).

1.2 RPS Planning and Development (RPS) has been commissioned by Sims Group UK Limited to prepare this SCR in association with a bespoke Environmental Permit Application for an end of life vehicle (ELV), waste electrical and electronic equipment (WEEE) and metals recycling facility, at Unit 6 Martin Road, Tremorfa Industrial Estate, Cardiff. This document is to be submitted as part of an application to the NRW for an Environmental Permit to operate the site.

1.3 Records of the site and surrounding areas have been reviewed in order to describe the condition of the site prior to construction and operation of the recycling facility and also to identify those measures which will be in place during the operation of the proposed installation to ensure that its operation does not give rise to pollution of land or groundwater.

1.4 The site condition review included:

i) Review of relevant documentation;

ii) Review of the operational aspects of the proposed facility;

iii) Review of the environmental setting to assess the sensitivity of the surrounding environment to contamination; and

iv) Consultation with the regulatory authorities to establish whether there are any environmental issues that may impact upon the site.

1.5 This report has been prepared in accordance with NRW guidance on the preparation of a SCR [Reference i].

1.6 RPS has prepared this report based on information and data available at the time of preparation of the report.

Site Location

1.7 The proposed recycling facility is to be located on Tremorfa Industrial Estate, adjacent to Rover Way and Martin Road. The site is centred at National Grid Reference (NGR) 320934 175628 and covers an area of approximately 0.94 hectares.

1.8 The proposed site is situated on the Tremorfa Industrial Estate and approximately 3km to the south east of the centre of Cardiff. The immediate surrounding land use is primarily light / heavy industrial. The site is situated on low lying land within 200 m of the Severn Estuary.

Details of Proposed Waste Activities

1.9 The Environmental Permit application has been prepared to consent the operation of an ELV, WEEE and metals recycling facility.

1.10 In summary the activities include the following:

- Storage and treatment of ferrous and non-ferrous metals;
- Storage and treatment of general mixed scrap metal;
- Storage and treatment of End of Life Vehicles (ELVs);
- Storage of Waste Electrical and Electronic Equipment (WEEE);
- Storage of Waste Batteries;
- Storage of Waste Tyres.

1.11 Treatment of hazardous waste will not exceed 10 tonnes per day (except for ELVs) and storage of hazardous waste will not exceed 50 tonnes (excluding ELVs and WEEE pending manual dismantling).

1.12 A site plan showing the layout, along with drainage plan is presented in Drawing JER6108-T-004 and Drawing RCEF56767-D001.

1.13 All storage and treatment areas at the site are surfaced with concrete and all permitted activities will take place on an impermeable surface with sealed drainage. Some areas of the site used only for access or associated administrative activities are surfaced with tarmac and hardstanding.

1.14 A pre-acceptance procedure will be in place to prevent the acceptance of unsuitable wastes. There will be limited raw materials used and stored within the site. Diesel and gas oil for use by onsite vehicles will be stored in bunded tanks on impermeable surface with sealed drainage. Gases used for hot works are stored in suitable cylinders inside a building and are not considered a pollution risk to ground or groundwater.

1.15 For a full detailed description of the proposed recycling facility, please refer to the main application document.

Scope of Site Condition Report

1.16 The SCR includes all operational and process areas for the proposed recycling facility as indicated on the site layout plan (Drawing JER6108-T-004). As this is an application SCR, details on pollution incidents that have occurred and subsequent investigations, inspection records and operational phase monitoring results have not been included. This information will be included in the SCR by the Operator during the operational phase of the Permit.

2 Objectives of Site Condition Report

Objectives

2.1 This SCR is required under the Environmental Permitting Regulations where there may be a significant risk to land or groundwater.

2.2 The objectives of the application part of this SCR are to:

i) Describe and record the condition of the land and groundwater at the point at which an application for an Environmental Permit is submitted;

ii) Identify the environmental setting and land pollution history of the site;

iii) Identify any activities that will be undertaken at the installation that may lead to pollution; and

iv) Identify and assess the preventative measures that will be in place to protect the land.

2.3 This SCR will provide a point of reference at the start of the operations so that, in the event of the Permit being surrendered, a decision can be made as to whether there has been any additional contamination of the site during the operation of the recycling facility and ensure that the condition of the land and groundwater are in a “satisfactory state” when an application to surrender the permit is made.

2.4 This report identifies the environmental setting and history of the site, identifies activities that will be conducted at the recycling facility that may lead to land pollution and identifies and assesses the preventative measures that are in place to protect the land.

2.5 Following the issue of a Permit, the Operator shall ensure that procedures are implemented to ensure that the operational phase of the SCR (section 5) can be completed and that the necessary data is collected to demonstrate the land is in a ‘satisfactory state’ should the Permit need to be surrendered.

2.6 Section 6 of the SCR will be completed by the Operator upon Permit surrender to demonstrate that a ‘satisfactory state’ has been achieved.

3 Application Site Condition Report

Site Condition Report Summary

SITE DETAILS	
Name of the applicant	Sims Group UK Limited
Activity address	Unit 6 Martin Road, Tremorfa Industrial Estate, Cardiff, CF24 5SD.
National grid reference	320934 175628

Document reference and dates for Site Condition Report at permit application and surrender	170622 R JER6108 FB Tremorfa ASCR

Document references for site plans (including location and boundaries)	Please refer to the following plans: **JER6108-T-003** **JER6108-T-004** **JER6108-T-005**

Condition of the land at permit issue	
Environmental setting including: geology hydrogeology surface waters	Details on the geology, hydrogeology and hydrology are provided in section 4.3, 4.4 and 4.5 of this ASCR, and within the Landmark Report in Appendix A.
Pollution history including: pollution incidents that may have affected land historical land-uses and associated contaminants any visual/olfactory evidence of existing contamination evidence of damage to pollution prevention measures	Details regarding pollution incidents in the vicinity of the proposed site are provided in section 4.6 of this ASCR. There have been no reported incidents resulting in spillages of hazardous substances within the proposed permit boundary. Historical land uses associated with the proposed site are detailed in section 4.6 of this ASCR. New pollution prevention measures are to be implemented on site. Site Environmental Procedures, and inspection regimes will be implemented during the operational phase to identify and mitigate any pollution incidents or detriment caused to the condition of the land.

Condition of the land at permit issue	
Evidence of historic contamination, for example, historical site investigation, assessment, remediation and verification reports (where available)	Details regarding historical contamination of the proposed site are provided in section 4.6 and Appendix B of this ASCR.
Baseline soil and groundwater reference data	Reference documents as provided within section 6 and Appendix B to this report
Supporting information	Source information identifying environmental setting and pollution incidents – see Landmark Report in Appendix A to this ASCR; Historical Ordnance Survey plans – see Appendix A to this ASCR; Site Reconnaissance – see Appendix B Historical investigation / assessment / remediation / verification - See Appendix B to this ASCR; Baseline soil and groundwater reference data – See Appendix B to this ASCR.

Permitted activities	
Permitted activities	Details regarding permitted activities for the proposed site are provided in section 1.2 of this SCR.
Non-permitted activities undertaken	N/A
Document references for: plan showing activity layout; and environmental risk assessment.	Please refer to the following plans: JER6108-T-004 An Environmental Risk Assessment has been undertaken in accordance with the Agency's H1 guidance. This is included within the supporting information to the main application document for an Environmental Permit.

4 Condition of the Land at Permit Issue

Site Setting and Sources of Desk Study Information

4.1 The following sections detail the sources of desk study information search in order to describe the condition of the recycling facility, and in particular, to determine the potential for substances to be present in, on or under the land associated with present and past uses of the site and its surrounding areas.

4.2 A search was undertaken through the Landmark database in March 2017 to obtain;

- Information held by NRW regarding water abstractions and effluent licenses, waste disposal facilities and other prescribed processes at the site and within its immediate vicinity;
- Previous Pollution Incidents within a 1,000m radius of the site;
- Information held by the British Geological Survey relating to geology and hydrogeology;
- Historical Land Maps; and
- Previous site investigation studies undertaken.

4.3 A copy of the Landmark report is included within Appendix A to this report.

Environmental Consents, Licenses, Authorisations, Permits and Designations for the Site and Surrounding Areas

Water Discharges and Abstraction Licenses

4.4 There is one groundwater abstraction licence within 1 km of the Site. This is operated by Celsa Manufacturing (UK) Ltd under licence number 21/57/25/0048[1] and located approximately 569 m north east of the site. Abstracted water is used for evaporative cooling and dust suppression. No maximum daily volumes are provided.

4.5 There are no active surface water or tidal abstraction licences within 1 km of the site.

4.6 There are records of 4 discharge consents located within 500 m of the Site. The details of which are provided in Table 4.1 below.

[1] Licence number obtained from NRW website. The Landmark report states the licence number as 21/57/25/0078.

Table 4.1 Discharge Consents

Operator, Address & permit number	Distance from the Proposed Site	Discharge Type	Receiving Water Body	Comments
Dwr Cymru Cyfyngedig, Cardiff Central Sps, Tremorfa, Cardiff – An0306101	77 m south	Sewage Discharges – Pumping Station	Severn Estuary	Issued 21/03/2001
John Laing Constrution Ltd, Project Offices Site O – AN027740101	243 m north east	Unspecified	Unspecified	Issued 22/09/1997 Revoked 24/06/2004
Hyder Consulting Ltd, Cardiff Wastewater Treatment Plant Tide – AN027770101	245 m south east	Unspecified	Severn Estuary	Issued 13/11/1997 Revoked 13/11/2000
Cardiff Bay Development Corporation, Ocean Park Tremorfa Foreshore - AN0267601	391 m west	Public Sewage: Storm Sewage Overflow	Severn Estuary	Issued 23/06/1996

4.7 No source protection zones are identified within 500 m of the site.

Statutory Designated Sites within 5km

4.8 A search was undertaken to obtain details of any nature conservation designations for the site and surrounding area. Statutory designation sites within a 2km search radius around the proposed site installation boundary are summarised in the table below.

Table 4.2 Statutory Designated Sites

Site Name	Designation	Distance from the Proposed Site
Severn Estuary	Ramsar Site	75 m south
Severn Estuary	Site of Special Scientific Interest	75 m south
Severn Estuary	Special Area of Conservation	75 m south
Severn Estuary	Special Protection Area	75 m south

Environmental Permitted Facilities

4.9 The following table summarises both historical and registered installations, Landfill Sites and other Waste Facility applications made to NRW located within 500 m of the proposed recycling facility. Table 4.3 below includes details of register status for each facility (Active, Superseded, Revoked, Modification, Variation, Transfer or Not yet authorised).

4.10 There have been no applications registered with the NRW for Integrated Pollution Controls (IPC) Permitted Installations within 500m of the installation, 7 Integrated Pollution Prevention and Control Permitted (IPPC) Installations registered within 500 m.

4.11 In addition there have been 12 historical landfill sites and 12 Waste Permits (excluding mobile plant permits) within 500 m of the proposed facility.

Table 4.3 Summary of Registered Permitted Sites

Permit Holder	Location	Process	Environmental Regime	Status	Distance from the Proposed Site
Integrated Pollution Prevention and Control Authorisations					
Euro Dismantling Services Ltd	Unit 11 Martin Rd, Tremorfa Industrial Estate	Disposal or recovery of hazardous waste with capacity exceeding 10 tonne per day	IPPC Authorisation	Transfer Effective 15/11/2013	281 m north east
Silverdell (UK) Ltd	Unit 11 Martin Rd, Tremorfa Industrial Estate	Disposal or recovery of hazardous waste with capacity exceeding 10 tonne per day	IPPC Authorisation	Superseded by variation 25/03/2011	286 m north east
Silverdell (UK) Ltd	Unit 11 Martin Rd, Tremorfa Industrial Estate	Other waste disposal; hazardous waste greater than 10 tonne per day	IPPC Authorisation	Superseded by variation 29/09/2006	286 m north east
Dwr Cymru Cyfyngedig	Cardiff East Wastewater Treatment Works	Combustion; recovered oil greater or equal to 3MW but less than 50 MW	IPPC Authorisation	Superseded by variation 26/05/2010	403 m east
Dwr Cymru Cyfyngedig	Cardiff East Wastewater Treatment Works	Combustion; recovered oil greater or equal to 3MW but less than 50 MW	IPPC Authorisation	Not supplied	486 m north east
Princes Ltd	Unit 68 Portmanmoor Rd Industrial Estate	Animal, vegetable & food; treating etc. Vegetable raw material for food greater than 300 tonne per day	IPPC Authorisation	Superseded by variation 21/07/2006	494 m west
Princes Ltd	Unit 68 Portmanmoor Rd Industrial Estate	Animal, vegetable & food; treating etc. Vegetable raw material for food greater than 300 tonne per day	IPPC Authorisation	Superseded by variation 5/05/2005	494 m west
Local Authority Integrated Pollution Prevention and Control					
Travis Perkins	Clipper Rd, Roath Dock, Cardiff	Timber treatment	LAIPPC Authorisation	Issued date not supplied	462 m south west
Local Authority Pollution Prevention and Control					
Action Environmental	Unit 5 Martin Rd, Tremorfa Industrial Estate	Mobile screening and crushing	LAPPC Authorisation	Issued date not supplied	55 m north
Tilcon Ltd	Rover Way, Cardiff	Blending, packing, loading and use of bulk cement	LAPPC Authorisation	Varied 28/08/1992	153 m north

Permit Holder	Location	Process	Environmental Regime	Status	Distance from the Proposed Site
Hope Ready Mix Concrete	Cardiff Wharf, Roath Docks, Cardiff	Blending, packing, loading and use of bulk cement	LAPPC Authorisation	Issued 18/11/1992	201 m north
Diggers Vehicle Dismantlers	Unit 15 Tremorfa Industrial Estate	Furnaces for the extraction of non-ferrous metal from scrap	LAPPC Authorisation	Issued 21/09/2001	220 m north east
National Engine Centre	Unit 16c Martin Rd, Tremorfa Industrial Estate	Waste oil burners, less than 0.4 MW net thermal input	LAPPC Authorisation	Issued date not supplied	291 m north east
Castle Wire	Castle Works, Cardiff	Hot dip galvanising processes	LAPPC Authorisation	Revoked 14/04/1993	348 m north
Castle Nails	Tremorfa Nail Works, Cardiff	Hot dip galvanising processes	LAPPC Authorisation	Revoked 14/04/1993	411 m north east
Celsa Manufacturing (UK) Ltd	Rover Way, Cardiff	Quarry processes including roadstone plants and the size reduction of bricks, tiles and concrete	LAPPC Authorisation	Issued 6/08/1992	464 m north east
Brittons Timber	Clipper Rd, Roath Dock, Cardiff	Manufacture of timber and wood based products	LAPPC Authorisation	Issued 7/01/1997	470 m south west
Waste Permits (previously Waste Management Licences)					
Action Environmental Waste Management Ltd	Unit 6 Martin Rd, Tremorfa Industrial Estate	Household, Commercial and Industrial Transfer Station	Waste Management Licence	Issued 24/02/2004 Expired	0 m (onsite)
Lane H	Unit 5 Rover Way, Tremorfa Industrial Estate	Metals Recycling Site (Mixed)	Waste Management Licence	Issued 6/01/1994 Surrendered 1/08/2002	0 m (onsite)
Bayliss Recovery Ltd	Plot 1c Martin Rd, Tremorfa Industrial Estate	Metal Recycling Site (Vehicle Dismantlers)	EPR Permit	Issued 9/09/2015	88 m north east
Shield Environmental Services Ltd	11 Martin Rd, Tremorfa Industrial Estate	Special Waste Transfer Station	EPR Permit	Issued 18/05/1994 Modified 21/06/2000 Transferred 21/10/2015	161 m north east
Harrison Malcolm David	Units 12/13 Martin Rd, Tremorfa Industrial Estate	Metals Recycling Site (Vehicle Dismantlers)	EPR Permit	Modified 28/09/2001	182 m north east
Personnel Hygiene Services Ltd	Unit 49 Portmanmoor Rd, Portmanmoor	Clinical Waste Transfer Stations	Waste Management Licence	Issued 4/03/1996 Modified 15/10/2007	218 m west

Permit Holder	Location	Process	Environmental Regime	Status	Distance from the Proposed Site
	Road Industrial Estate				
Roberts William David	15 Martin Rd, Tremorfa Industrial Estate	End of Life Vehicles	Waste Management Licence	Issued 20/05/2004	247 m north east
RGF Haulage Ltd	Unit 17 Tremorfa Industrial Estate	Household, Commercial and Industrial Transfer Station	Waste Management Licence	Issued 20/12/2000 Modified 22/12/2007	277 m north east
Lory Robert	Unit 16a Martin Rd, Tremorfa Industrial Estate	Vehicle Depollution Facility	EPR Permit	Issued 18/06/2014 Modified 24/03/2017	294 m north east
Bill Way & Co Ltd	Unit 16 Tremorfa Industrial Estate	Metal Recycling Sites (Vehicle Dismantlers)	EPR Permit	Issued 17/01/2001 Modified 9/09/2010	287 m north east
Telluric Land Reclamation Ltd	Unit K1, South Point Industrial Estate	Mobile Plant	Waste Management Licence	Issued 13/10/2005 Surrendered 4/10/2006	375 m south
Telluric Land Reclamation Ltd	Unit K1, South Point Industrial Estate	Mobile Plant	Waste Management Licence	Issued 20/09/2005 Modified 8/06/2006	375 m south
Telluric Land Reclamation Ltd, No 8	Unit K1, South Point Industrial Estate	Mobile Plant	Waste Management Licence	Issued 12/06/2003 Surrendered 1/12/2010	375 m south
Telluric Land Reclamation Ltd, No 9	Unit K1, South Point Industrial Estate	Mobile Plant	Waste Management Licence	Issued 12/06/2003 Surrendered 1/12/2010	375 m south
Telluric Land Reclamation Ltd, No 7	Unit K1, South Point Industrial Estate	Mobile Plant	Waste Management Licence	Issued 9/10/2002 Surrendered 1/12/2010	375 m south
Telluric Land Reclamation Ltd	Unit K1, South Point Industrial Estate	Mobile Plant	Waste Management Licence	Issued 27/09/2002 Surrendered 1/12/2010	375 m south
Telluric Land Reclamation Ltd, No 4	Unit K1, South Point Industrial Estate	Mobile Plant	Waste Management Licence	Issued 1/07/2002 Surrendered 8/08/2008	375 m south
Celsa Manufacturing UK Ltd	Tremorfa Melt Shop, Seawall Rd, Cardiff	Physical Treatment Facilities	Waste Management Licence	Issued 7/05/1993 Modified 24/04/2012	420 m north east
South West Wood Products Ltd	Roath Dock, Cardiff	Treatment of waste wood <75000 tps		Issued 25/09/2015	491 m south west

Table 4.4 Summary of Registered Historical and Active Landfill Sites

Distance from the Proposed Site	Location & License Holder	Status	Waste Type
Active Landfills			
None			
Historical Landfills			
0 m (onsite)	British Steel Corporation, Rover Way, Cardiff	Historic First input 31/12/1940 (no records of last input)	Inert and Industrial
0 m (onsite)	WT Davies Transport Ltd	Historic First input 31/12/1984 Last input 31/12/1985	Inert
0 m (onsite)	R Baily Plant (Bed was) Ltd	Historic (no dated recorded)	Inert
47 m north east	Cardiff Bay Development Corporation	Historic First input 31/12/1989 Last input 31/12/1991	Industrial
140 m north east	Crunchgrip Ltd	Historic First input 31/12/1986 Last input 31/12/1990	Inert and Industrial
144 m east	British Steel Corporation	Historic First input 31/12/1961 Last input 31/12/1981	Industrial
155 m east	British Steel Corporation	Historic First input 31/12/1974 Last input 31/12/1976	Industrial and Special
173 m south	Welsh Development Agency, Rover Way, Cardiff	Historic First input 31/12/1982 Last input 31/12/1983	Industrial and Household
285 m east	Allied Steel and Wire	Historic First input 31/12/1981 Last input 31/12/1988	Inert and Industrial
291 m north east	Slag Reduction Cardiff	Historic First input 31/12/1977 Last input 31/12/1990	Inert and Industrial
482 m north east	Allied Steel and Wire	Historic First input 31/12/1991 Last input 31/12/1994	Industrial
495 m north east	Allied Steel and Wire	Historic Fist input 31/12/1988 Last input 31/12/1991	Industrial and Special

Geology

4.12 The main geological units were identified during an intrusive ground investigation in 2017, the full report of which can be found at Appendix B. The geological sequence encountered at the Site generally correlated with the published geology and anticipated ground conditions.

Made Ground

4.13 Made Ground was identified across the entirety of the Site. The Made Ground typically comprised black, grey, red sandy gravel of brick sandstone concrete and slag with occasional to frequent cobles of brick, slag and concrete. Minor inclusions of metal, wood and glass were present on occasions. The Made Ground was noted to become increasingly fused with depth, making trial pitting impossible past a depth of 2.0 mbgL. Areas of Made Ground were consistent with the previous use of the Site as a slag tip.

Natural Strata

4.14 Tidal Flat Deposits are described within published geological sources as consolidated soft silty clay, with layers of sand, gravel and peat (British Geological Survey).

4.15 Tidal Flat Deposits were identified at depth within all boreholes at differing depths. The Tidal Flat Deposits were noted to comprise very soft blue grey silty clay with occasional peat bands throughout.

4.16 The recovered Tidal Flat Deposits did not contain visually identifiable or olfactory evidence of contamination.

4.17 The published geological records (BGS) characterise the Mercia Mudstone Formation as a red, less commonly green-grey, mudstones and subordinate siltstones with thick halite-bearing units in some basinal areas.

4.18 The Mercia Mudstone Formation encountered at the Site was characterised by a soft red clay with frequent weak mudstone bands. Mercia Mudstone Formation was encountered at 12.5 mbgl and 14 mbgl within two of the three boreholes advanced.

Table 4.5 Geological Sequence

Unit	Description	Thickness (m)	Basal Depth (mbgl)
Made Ground	Compact, black red grey sandy gravel of slag with frequent cobbles of fused slag which were noted to increase with depth.	7.5 – 8.3	0.0 - 8.3
Tidal Flat Deposits	Recovered as a very soft blue grey silt clay.	Maximum proven thickness of 6.7	Maximum proven depth of 15.0
Mercia Mudstone	Recovered as red clay with frequent weathered mudstone bands.	Maximum proven thickness of 2.5	Maximum proven depth of 15.0

Hydrogeology

4.19 NRW classifies Tidal Flat Deposits at the site as a secondary (undifferentiated) aquifer. This means the deposit has previously been designated as both minor and non-aquifers in different locations due to the variable characteristics of the deposits in question. This appears to constitute a limited groundwater resource.

4.20 The underlying Mercia Mudstone formation is classified by NRW as a secondary B aquifer that can be considered predominantly lower permeability layers which may store and yield limited amounts of groundwater due to localised features such as fissures, thin permeable horizons and weathering.

4.21 During the intrusive investigation the monitoring data indicates a fairly continuous groundwater body is located beneath the Site at a depth between 5.53 m and 6.18 mbgl within the Made Ground. The identified groundwater levels within the Made Ground are consistent with the reclamation of the land from the estuary through the placement of wastes (Steel Slag). The groundwater is considered likely to be in continuity with the estuary and it is likely that tidal processes will affect the depth to groundwater.

4.22 Laboratory analysis of groundwater encountered showed concentrations of inorganic contaminants including metals were generally below the lower limit of detection (LLoD) or at very low concentrations above the LLoD.

4.23 Relatively low (less than 7mg/l) concentrations of hydrocarbons were present within all of the water samples recovered from boreholes. Hydrocarbon concentrations were detected within carbon bands C12 to C44. The highest concentrations were recorded within the C16 – C35 Aliphatic band.

4.24 There were no detectable concentrations of PCB's identified within the water samples collected from the boreholes.

4.25 There were no detectable concentrations of SVOC's identified within the water samples collected from the boreholes. PAHs were encountered above the LLoD at low levels. The pH of the groundwater is highly elevated with readings of between 11.6 and 12.1.

4.26 Given the industrial past of the Site and the immediate surroundings it is anticipated that the laboratory results achieved are fairly representative of wider rather than localised groundwater quality and attributable to the legacy of heavy industry in the area.

Hydrology

4.27 The southern boundary of the site is approximately 50m from the Severn Estuary. The Severn Estuary separates the South Wales from Western Super Mare, Bristol and North Somerset. The Severn extends south west and joins the Bristol Channel.

4.28 Natural Resources Wales published Flood Risk maps show that the site is at very low risk of flooding from rivers and the sea. The majority of the site is also at very low risk of flooding from surface water, small areas of the western edge of site are at medium to high risk of flooding from surface water.

Pollution History

Environmental Controls

4.29 The operator will implement an Environmental Management System (EMS) following commissioning of the metals recycling facility. The management, monitoring and reporting requirements of the Environmental Permit will be complied with, which will ensure that any environmental protection elements are implemented. Further details on the proposed EMS are provided within section 4 of the operating techniques document. Consideration of the environmental risk associated with the metals recycling facility including the proposed management measures has been carried out and is included as a supporting document to the permit application.

Pollution Incidents and Emergency Response

4.30 The Landmark Report records 1 substantial pollution incident approximately 74 m south east of the site. This is reported to be an atmospheric pollutant with a minor impact on water, no impact on land and significant impact on air. No pollution incidents to controlled waters are recorded within 500 m of the site.

Site History

4.31 Principal land use of the proposed site includes a former slag heap and railway lines between 1947, and 1968, before which the site formed part of the Cardiff Flats. From 1885 the surrounding land comprises of Roath Dock, a timber yard and coal washery and remains of an industrial nature.

Historical Contamination

4.32 Land use indicated in the historical Ordnance Survey maps, included within the Landmark Report (Appendix A) is summarised in

4.33

4.34

4.35 Table 4.6.

Table 4.6 Summary Historical Land Use of the Site and Adjacent Areas from Landmark Report

Date		***On-site Land Uses***
From	**To**	
1885	**1947**	During this timescale the site was underwater and is depicted on the historical map extracts as the Cardiff Flats. The very north of the site is indicated to be part of a firing range, with a target at the most northerly point. The rifle range is absent by 1901.
1947	**1964**	The site is depicted as above the water line indicating the land has been reclaimed. Although it is unclear what material has been used during the land raising process.
1964	**1968**	The site is noted to contain a number of railway lines (depicted as mineral railway), that cut through the site in a variety of orientations. A pond has been excavated within the north east of the site boundary and the entire site surface is labelled as a slag heap.
1968	**1984**	The mineral railway lines have been removed and the pond infilled. The site is labelled as a disused tip. There appear to have been cutting / filling earthworks within the central and northern areas of the site.
1984	**2006**	The site is no longer labelled as a disused slag tip. An unnamed new structure has been constructed at the site northern boundary.
2006	**Present**	No significant changes within site boundary.
Date		***Surrounding Land Uses (250m radius unless otherwise stated)***
From	**To**	
1880	**1885**	Adjacent, potentially contaminative industries include a rifle range and the Tharsis copper works to the south west.
1885	**1922**	A number of railway lines have been constructed immediately west of the site boundary. Roath Dock, a timber yard and coal washery are also situated further to the south west (approximately 500m).
1922	**1948**	Additional railway lines have been constructed to the north and west of the property boundary.

1948	**1964**	Several factories, a waste water treatment plant and unspecified works have been constructed to the north, additional railway lines associated with the mineral railways have been constructed to the east. The slag reduction works has been constructed to the east with associated mechanical hoppers, crusher, cranes and tanks. The slag reduction works and associated spoil materials cover a significant area to the north east.
1964	**1989**	The slag reduction works to the north east is no longer depicted on the historical map extract. A number of the railway lines to the north have been removed.
1989	**1995**	Tremorfa Industrial Estate and its associated access roads to the north are under construction. Additional railway lines to the north have been removed.
1995	**2006**	Tremorfa Industrial Estate is depicted as fully developed to the north and east. The waste water treatment works and various ancillary buildings to the east and south have been constructed. It is known from the site walkover that Tremorfa industrial Estate includes vehicle dismantlers, scrap yards and vehicle repair garages.
2006	**Present**	No significant changes noted surrounding the Assessment Site.

Potential Contaminants

4.36 Based on a review of previous and recent ground investigation findings and the known current and historical land uses of the site, it is considered that there is potential for the following types of contaminant source to be present within the ground around at the site:

- Chemical contaminants in soils and groundwater associated with on-site historical industrial activities (slag reprocessing works, former landfills, historical mineral railway and infilled pond);
- Ground gas generation associated with the Made Ground (slag reprocessing works, infilled ponds and former on site and off site landfills)

4.37 The sources of contamination are most likely to occur in:

- Soil near previous slag storage;
- Buried/infilled areas, in particular an infilled pond in the eastern area on the site that could include demolition rubble and other unknown materials that could contain contaminants, including asbestos; and
- Releases to groundwater from contaminant plumes within the soil.

4.38 During operation both hazardous and non-hazardous wastes will be stored on the site. All storage and treatment will take place on impermeable pavement with sealed drainage system.

Reference Data

4.39 Previous site investigations have been undertaken on the site, those that were available for review at the time of writing are summarised below and provided in Appendix B:

- RPS, Site Investigation, April 2017.

4.40 The onsite investigation by RPS in April 2017 was undertaken for Sims Group UK Limited to determine the extent of ground contamination at the site in support of the Sims purchase of the site and to determine the baseline contaminant conditions. This comprised the advancement of 12 no. machine excavated trial pits to a maximum depth of 2 mbgl across the site. In addition 3 boreholes were advanced to a maximum depth of 15 mbgl. The locations of the exploratory holes are provided as a drawing in the report provided in Appendix B. The Made Ground typically comprised black, grey, red sandy gravel of brick sandstone concrete and slag with occasional to frequent cobles of brick, slag and concrete. Minor inclusions of metal, wood and glass were present on occasions. The Made Ground was noted to become increasingly fused with depth, making trial pitting impossible past a depth of 2.0 mbgl. Areas of Made Ground were consistent with the previous use of the site as a slag tip. A maximum thickness of Made Ground was recorded in BH3 where 8.3 m of slag was noted prior to reaching the underlying Tidal Flat Deposits. Throughout the advancement of boreholes / trial pits there was no visual / olfactory evidence of contamination noted.

4.41 A groundwater strike was encountered within rotary borehole BH1 at 6 mbgl. It is unknown if water strikes were encountered within BH2 and BH3 due to the use of a water flush as a drilling medium. The monitoring data indicates a fairly continuous groundwater body is located beneath the site at a depth between 5.53 m and 6.18 m bgl within the Made Ground. The identified groundwater levels within the Made Ground are consistent with the reclamation of the land from the estuary through the placement of wastes (Steel Slag). The groundwater is considered likely to be in continuity with the estuary and it is likely that tidal processes will affect the depth to groundwater.

4.42 Analytical soil and groundwater data confirms that there are concentrations of inorganic and organic contaminants detected above their respective LLoD. Crocidolite asbestos fibres were positively identified at a single location at the site (TP1). Ground gas monitoring identified no stable concentrations of carbon dioxide or methane and a negligible flow rate of 0.1 l/hr and low levels of VOCs.

4.43 A screening groundwater risk assessment was undertaken. The groundwater risk assessment identified contaminant concentrations above the selected screening criteria. These exceedances are considered to be a result of the regional placement of Made Ground and slag deposits in the area and the heavy industry in the local area.

5 Operational Phase of Site Condition Report

Operational Phase

5.1 During the life of the Permit, the following sections of the SCR template (EPR H5) will be maintained in order that the Operator can demonstrate that the land is in a 'satisfactory state' should the Permit be surrendered. Relevant information, as identified within the template below, will need to be collected and recorded throughout the life of the Permit. In addition, relevant procedures will be reviewed, where relevant to ensure sufficient data is available when the site seeks to cease the permitted activities.

CHANGES TO THE ACTIVITY	
Have there been any changes to the activity boundary?	If yes, provide a plan showing the changes to the activity boundary.
Have there been any changes to the permitted activities?	If yes, provide a description of the changes to the permitted activity.
Have any 'dangerous substances' not identified in the application SCR been used or produced as a result of the permitted activities	If yes, list them
Checklist of supporting information	Plan showing any changes to the boundary (where relevant); Description of the changes to the permitted activities (where relevant); and List of 'dangerous substances' used/produced by the permitted activities that were not identified in the Application Site Condition Report (where relevant)

MEASURES TO BE TAKEN TO PROTECT THE LAND	
Use records collected during the life of the permit to summarise whether pollution prevention measures worked. If this is not possible, collect land and/or groundwater data to assess whether the land has deteriorated.	
Checklist of supporting information	Inspection records and summary of findings of inspections for all pollution prevention measures; and Records of maintenance, repair and replacement of pollution prevention measures

POLLUTION INCIDENTS THAT MAY HAVE HAD AN IMPACT ON LAND, AND THEIR REMEDIATION	
Summarise any pollution incidents that may have damaged the land. Describe how these were investigated and remedied. If this is not possible, collect land and /or groundwater reference data to assess whether the land has deteriorated while you've been there.	
Checklist of supporting information	Records of pollution incidents that may have impacted on land; and Records of their investigation and remediation
SOIL GAS AND WATER QUALITY MONITORING (WHERE UNDERTAKEN)	
Provide details of any soil gas and/or water monitoring undertaken. Include a summary of the findings. State whether it shows that the land deteriorated as a result of the permitted activities. If it did, outline how this was investigated and remedied.	
Checklist of supporting information	Description of soil gas and/or water monitoring undertaken; and Monitoring results (including graphs)

6 Surrender Phase

6.1 At permit surrender, the following sections of the SCR template (EPR H5) will be completed and submitted to the NRW as part of the Permit Surrender Application. Information that has been gathered over the lifetime of the Permit will be used to identify whether the land is in a satisfactory condition. If necessary, surrender reference data will be collected and remediation will be undertaken if required.

DECOMMISSIONING AND REMOVAL OF POLLUTION RISK	
Describe how the site was decommissioned. Demonstrate that all sources of pollution risk have been removed. Describe whether the decommissioning had any impact on the land. Outline how this was investigated and remedied.	
Checklist of supporting information	▪ Site Closure Plan; ▪ List of potential sources of pollution risk; and ▪ Investigation and remediation reports (where relevant)

REFERENCE DATA AND REMEDIATION (WHERE RELEVANT)	
State whether land and/or groundwater data was collected or whether it wasn't required because the information within the Surrender Site Condition Report shows that the land has not deteriorated. If any land and/or groundwater reference data was collected, summarise what this entailed, and what the data found. State whether the data shows that the condition of the land has deteriorated, or whether the land at the site is in a "satisfactory state". If it isn't, a summary of what has been done to remedy this should be provided. Sims must confirm that the land is now in a "satisfactory state" at surrender.	
Checklist of supporting information	▪ Land and/or groundwater data collected at application (if collected); ▪ Land and/or groundwater data collected at surrender (where needed); ▪ Assessment of satisfactory state; and ▪ Remediation and verification reports (where undertaken)

STATEMENT OF SITE CONDITION
Provide a statement about the condition of the land at the site. This should confirm that: ▪ the permitted activities have stopped; ▪ decommissioning is complete, and the pollution risk has been removed and ; the land is in a satisfactory condition.

7 Conclusions

7.1 RPS Planning and Development (RPS) has been commissioned by Sims Group UK Limited to prepare this SCR in association with a bespoke Environmental Permit Application for an end of life vehicle (ELV), waste electrical and electronic equipment (WEEE) and metals recycling facility, at Unit 6 Martin Road, Tremorfa Industrial Estate, Cardiff. This document is to be submitted as part of an application to NRW for an Environmental Permit to operate the site. The primary purpose of this report is to provide information to NRW in relation to the planned operations and to provide them with a framework against which the potential future contamination issues will be assessed.

7.2 The published geology of the area and ground investigations at the site have indicated that the site is underlain by Made Ground, Tidal Flat Deposits underlain by Mercia Mudstone. The Tidal Flat Deposits are classified as a secondary (undifferentiated) aquifer, the Mercia Mudstone is classified as secondary B aquifer. Fairly continuous groundwater body was identified beneath the Site at a depth between 5.53 m and 6.18 m bgl within the Made Ground. The identified groundwater levels within the Made Ground are consistent with the reclamation of the land from the estuary through the placement of wastes (Steel Slag). The groundwater is considered likely to be in continuity with the estuary and it is likely that tidal processes will affect the depth to groundwater.

7.3 Historical site uses have identified potential historical contamination sources, namely the use of the site as a slag heap, and railway sidings. Phase II intrusive ground investigation within the site boundary identified Made Ground containing black, grey, red sandy gravel of brick sandstone concrete and slag with occasional to frequent cobles of brick, slag and concrete across the site. Analytical soil and groundwater data confirms that there are concentrations of inorganic and organic contaminants detected above their respective LLoD. Crocidolite asbestos fibres were positively identified at a single location at the site (TP1). Ground gas monitoring identified no stable concentrations of carbon dioxide or methane and a negligible flow rate of 0.1 l/hr and low levels of VOCs. A human health risk assessment identified that chemical contaminant concentrations were typically below the appropriate screening criteria suggesting that they are unlikely to present an unacceptable risk to human health.

7.4 A preliminary gas risk assessment was undertaken. The gas risk assessment identified that the site should fall within Characteristic Situation 1. Under characteristic Situation 1, ground gas protection measures are not required at the site.

7.5 The principal potential sources of land and water contamination during site operation include storage of hazardous elements of ELVs and WEEE. A number of mitigation measures, including concrete hard standing across site, will reduce the potential for contamination pathways to be present and prevent adverse impact during the operational life of the site.

Glossary

Terms	Full Description
EMS	Environmental Management System
EPR	Environmental Permitting (England & Wales) Regulations (2016)
WML	Waste Management Licence
SCR	Site Condition Report
IPC	Integrated Pollution Control
IPPC	Integrated Pollution Prevention and Control
NGR	National Grid Reference
SSSI	Special Site of Scientific Interest
SPA	Special Protection Area
SPZ	Source Protection Zone
TPH	Total Petroleum hydrocarbons
PAH	Polycyclic Aromatic Hydrocarbons
VOCs	Volatile Organic Compounds
SVOCs	Semi Volatile Organic Compounds
NRW	Natural Resources Wales
ELV	End of Life Vehicle
WEEE	Waste Electrical and Electronic Equipment

Appendices

Appendix A: Landmark Report

Envirocheck® Report:

Datasheet

Order Details:

Order Number:
116333615_1_1

Customer Reference:
JER6109Tremorfa

National Grid Reference:
320950, 175630

Slice:
A

Site Area (Ha):
0.95

Search Buffer (m):
1000

Site Details:

Unit 6, Martin Road
Tremorfa Industrial Estate
Tremorfa
CARDIFF
CF24 5SD

Client Details:

Mr H Bonham
RPS Consultants
2420 The Quadrant
Aztec West
Almondsbury
Bristol
BS32 4AQ

Contents

Report Section	Page Number
Summary	-
Agency & Hydrological	1
Waste	20
Hazardous Substances	43
Geological	45
Industrial Land Use	50
Sensitive Land Use	93
Data Currency	94
Data Suppliers	100
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Introduction

The Environment Act 1995 has made site sensitivity a key issue, as the legislation pays as much attention to the pathways by which contamination could spread, and to the vulnerable targets of contamination, as it does the potential sources of contamination.
For this reason, Landmark's Site Sensitivity maps and Datasheet(s) place great emphasis on statutory data provided by the Environment Agency/Natural Resources Wales and the Scottish Environment Protection Agency; it also incorporates data from Natural England (and the Scottish and Welsh equivalents) and Local Authorities; and highlights hydrogeological features required by environmental and geotechnical consultants. It does not include any information concerning past uses of land. The datasheet is produced by querying the Landmark database to a distance defined by the client from a site boundary provided by the client.

In the attached datasheet the National Grid References (NGRs) are rounded to the nearest 10m in accordance with Landmark's agreements with a number of Data Suppliers.

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Report Version v50.0

RPS

Summary

Data Type	Page Number	On Site	0 to 250m	251 to 500m	501 to 1000m (*up to 2000m)
Agency & Hydrological					
BGS Groundwater Flooding Susceptibility	pg 1	Yes	Yes	Yes	n/a
Contaminated Land Register Entries and Notices					
Discharge Consents	pg 1		4	1	10
Prosecutions Relating to Controlled Waters			n/a	n/a	n/a
Enforcement and Prohibition Notices	pg 5				1
Integrated Pollution Controls	pg 5				12
Integrated Pollution Prevention And Control	pg 7			8	16
Local Authority Integrated Pollution Prevention And Control	pg 12			1	1
Local Authority Pollution Prevention and Controls	pg 13		4	5	10
Local Authority Pollution Prevention and Control Enforcements					
Nearest Surface Water Feature	pg 15		Yes		
Pollution Incidents to Controlled Waters	pg 15				1
Prosecutions Relating to Authorised Processes	pg 15			1	1
Registered Radioactive Substances	pg 16				1
River Quality	pg 16				1
River Quality Biology Sampling Points					
Substantiated Pollution Incident Register	pg 16		1	1	2
River Quality Chemistry Sampling Points					
Water Abstractions	pg 17			2	3 (*4)
Water Industry Act Referrals					
Groundwater Vulnerability	pg 19	Yes	n/a	n/a	n/a
Drift Deposits			n/a	n/a	n/a
Bedrock Aquifer Designations	pg 19	Yes	n/a	n/a	n/a
Superficial Aquifer Designations	pg 19	Yes	n/a	n/a	n/a
Source Protection Zones					
Extreme Flooding from Rivers or Sea without Defences	pg 19		Yes	n/a	n/a
Flooding from Rivers or Sea without Defences	pg 19		Yes	n/a	n/a
Areas Benefiting from Flood Defences				n/a	n/a
Flood Water Storage Areas				n/a	n/a
Flood Defences				n/a	n/a
Detailed River Network Lines					n/a
Detailed River Network Offline Drainage					n/a

RPS

Summary

Data Type	Page Number	On Site	0 to 250m	251 to 500m	501 to 1000m (*up to 2000m)
Waste					
BGS Recorded Landfill Sites	pg 20	1			
Historical Landfill Sites	pg 20	2	5	4	2
Integrated Pollution Control Registered Waste Sites					
Licensed Waste Management Facilities (Landfill Boundaries)					
Licensed Waste Management Facilities (Locations)	pg 22	2	6	12	8
Local Authority Landfill Coverage	pg 29	1	n/a	n/a	n/a
Local Authority Recorded Landfill Sites					
Potentially Infilled Land (Non-Water)	pg 29			1	2
Potentially Infilled Land (Water)	pg 29	1	3	10	46
Registered Landfill Sites	pg 32	1	3		5
Registered Waste Transfer Sites	pg 35		5	1	3
Registered Waste Treatment or Disposal Sites	pg 39		1	2	5
Hazardous Substances					
Control of Major Accident Hazards Sites (COMAH)	pg 43				6
Explosive Sites					
Notification of Installations Handling Hazardous Substances (NIHHS)	pg 43				3
Planning Hazardous Substance Consents	pg 43		1		6
Planning Hazardous Substance Enforcements					

RPS

Summary

Data Type	Page Number	On Site	0 to 250m	251 to 500m	501 to 1000m (*up to 2000m)
Geological					
BGS 1:625,000 Solid Geology	pg 45	Yes	n/a	n/a	n/a
BGS Estimated Soil Chemistry	pg 45	Yes			Yes
BGS Recorded Mineral Sites	pg 45		1		2
BGS Urban Soil Chemistry	pg 46		Yes	Yes	Yes
BGS Urban Soil Chemistry Averages	pg 48	Yes			
CBSCB Compensation District			n/a	n/a	n/a
Coal Mining Affected Areas			n/a	n/a	n/a
Mining Instability			n/a	n/a	n/a
Man-Made Mining Cavities					
Natural Cavities					
Non Coal Mining Areas of Great Britain				n/a	n/a
Potential for Collapsible Ground Stability Hazards				n/a	n/a
Potential for Compressible Ground Stability Hazards	pg 48	Yes	Yes	n/a	n/a
Potential for Ground Dissolution Stability Hazards				n/a	n/a
Potential for Landslide Ground Stability Hazards	pg 48	Yes	Yes	n/a	n/a
Potential for Running Sand Ground Stability Hazards	pg 48	Yes	Yes	n/a	n/a
Potential for Shrinking or Swelling Clay Ground Stability Hazards	pg 49	Yes		n/a	n/a
Radon Potential - Radon Affected Areas			n/a	n/a	n/a
Radon Potential - Radon Protection Measures			n/a	n/a	n/a
Industrial Land Use					
Contemporary Trade Directory Entries	pg 50		25	42	174
Fuel Station Entries	pg 71			1	
Points of Interest - Commercial Services	pg 71		15	18	61
Points of Interest - Education and Health					
Points of Interest - Manufacturing and Production	pg 79		12	31	108
Points of Interest - Public Infrastructure	pg 91		3	1	10
Points of Interest - Recreational and Environmental					
Gas Pipelines					
Underground Electrical Cables					

RPS

Summary

Data Type	Page Number	On Site	0 to 250m	251 to 500m	501 to 1000m (*up to 2000m)
Sensitive Land Use					
Ancient Woodland					
Areas of Adopted Green Belt					
Areas of Unadopted Green Belt					
Areas of Outstanding Natural Beauty					
Environmentally Sensitive Areas					
Forest Parks					
Local Nature Reserves					
Marine Nature Reserves					
National Nature Reserves					
National Parks					
Nitrate Sensitive Areas					
Nitrate Vulnerable Zones					
Ramsar Sites	pg 93		1		
Sites of Special Scientific Interest	pg 93		1		
Special Areas of Conservation	pg 93		1		
Special Protection Areas	pg 93		1		
World Heritage Sites					

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	A13SW (E)	0	2	320951 175633
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	A13NW (N)	0	2	320950 175650
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	A13SE (SE)	1	2	321000 175600
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	A13SW (S)	25	2	320950 175550
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	A13SW (SW)	45	2	320850 175550
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding to Occur at Surface	A13NW (NW)	124	2	320800 175750
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	A13SW (S)	125	2	320900 175450
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	A13SE (SE)	130	2	321100 175500
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	A13SW (W)	140	2	320750 175550
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	A13NW (W)	207	2	320700 175700
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	A13SE (E)	229	2	321250 175550
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	A13SW (SW)	249	2	320650 175500
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding to Occur at Surface	A12SE (W)	387	2	320500 175633
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	A19SW (NE)	449	2	321300 176000
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	A8NW (S)	480	2	320951 175100
1	**Discharge Consents** Operator: Dwr Cymru Cyfyngedig Property Type: Sewerage Network - Pumping Station - Water Company Location: Cardiff Central Sps Tremorfa, Cardiff, Cardiff Cbc Authority: Natural Resources Wales Catchment Area: Not Supplied Reference: An0306101 Permit Version: 1 Effective Date: 21st March 2001 Issued Date: 21st March 2001 Revocation Date: Not Supplied Discharge Type: Sewage Discharges - Pumping Station - Water Company Discharge Environment: Saline Estuary Receiving Water: Severn Estuary **Status: New Consent (Water Resources Act 1991, Section 88 & Schedule 10 as amended by Environment Act 1995)** Positional Accuracy: Located by supplier to within 100m	A13SW (S)	77	3	320900 175500

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
1	**Discharge Consents** Operator: Dwr Cymru Cyfyngedig Property Type: Sewerage Network - Pumping Station - Water Company Location: Cardiff Central Sps Tremorfa, Cardiff, Cardiff Cbc Authority: Natural Resources Wales Catchment Area: Not Supplied Reference: An0306101 Permit Version: 1 Effective Date: 21st March 2001 Issued Date: 21st March 2001 Revocation Date: Not Supplied Discharge Type: Sewage Discharges - Pumping Station - Water Company Discharge Environment: Saline Estuary Receiving Water: Severn Estuary **Status: New Consent (Water Resources Act 1991, Section 88 & Schedule 10 as amended by Environment Act 1995)** Positional Accuracy: Located by supplier to within 100m	A13SW (S)	77	3	320900 175500
2	**Discharge Consents** Operator: John Laing Construction Ltd Property Type: Water Treatment Works Location: Project Offices Construction Site O, Construction Site Of Cardiff Wwt, Wwtw Cardiff Authority: Natural Resources Wales Catchment Area: Boundary Of HA 57 & HA 58 Reference: AN027740101 Permit Version: 1 Effective Date: 22nd September 1997 Issued Date: 22nd September 1997 Revocation Date: 24th June 2002 Discharge Type: Unspecified Discharge Environment: Not Supplied Receiving Water: Underground Strata **Status: Revoked (Water Resources Act 1991, Section 88 & Schedule 10 as amended by Environment Act 1995)** Positional Accuracy: Located by supplier to within 100m	A13NE (NE)	243	3	321100 175900
3	**Discharge Consents** Operator: Hyder Consulting Ltd Property Type: General Construction Work Location: Cardiff Wastewater Trtmnt Plnt Tide, Tide Fields Road Cardiff Authority: Natural Resources Wales Catchment Area: Boundary Of HA 57 & HA 58 Reference: AN027770101 Permit Version: 1 Effective Date: 13th November 1997 Issued Date: 13th November 1997 Revocation Date: 13th November 2000 Discharge Type: Unspecified Discharge Environment: Not Supplied Receiving Water: Severn Estuary **Status: Revoked (Water Resources Act 1991, Section 88 & Schedule 10 as amended by Environment Act 1995)** Positional Accuracy: Located by supplier to within 100m	A13SE (SE)	245	3	321230 175470
4	**Discharge Consents** Operator: Cardiff Bay Development Corporation Property Type: Sewerage Network - Pumping Station - Water Company Location: Ocean Park Ps Tremorfa Foreshore Ro, Tremorfa Foreshore Rover Way, Bu, Rover Way, Butetown Cardiff . Authority: Natural Resources Wales Catchment Area: Boundary Of HA 57 & HA 58 Reference: AN0267601 Permit Version: 1 Effective Date: 24th July 1996 Issued Date: 23rd July 1996 Revocation Date: Not Supplied Discharge Type: Public Sewage: Storm Sewage Overflow Discharge Environment: Freshwater Stream/River Receiving Water: Severn Estuary **Status: New Consent, by Application (Water Resources Act 1991, Section 88)** Positional Accuracy: Located by supplier to within 10m	A12SE (W)	391	3	320500 175520

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
5	**Discharge Consents** Operator: Dwr Cymru Cyfyngedig Property Type: Sewerage Network - Sewers - Water Company Location: Cardiff Central Outfall Rover Way C, Rover Way Cardiff Authority: Natural Resources Wales Catchment Area: Boundary Of HA 57 & HA 58 Reference: An0028401 Permit Version: 3 Effective Date: 19th December 2000 Issued Date: 18th December 2000 Revocation Date: 28th March 2002 Discharge Type: Sewerage System Discharge Discharge Environment: Not Supplied Receiving Water: Severn Estuary **Status: Revoked (Water Resources Act 1991, Section 88 & Schedule 10 as amended by Environment Act 1995)** Positional Accuracy: Located by supplier to within 10m	A8NW (S)	576	3	320910 175000
5	**Discharge Consents** Operator: Dwr Cymru Cyfyngedig Property Type: Sewerage Network - Sewers - Water Company Location: Cardiff Central Outfall Rover Way C, Rover Way Cardiff Authority: Natural Resources Wales Catchment Area: Boundary Of HA 57 & HA 58 Reference: AN0028401 Permit Version: 2 Effective Date: 17th February 1993 Issued Date: 17th November 1992 Revocation Date: 18th December 2000 Discharge Type: Sewerage System Discharge Discharge Environment: Not Supplied Receiving Water: Severn Estuary **Status: New Consent, by Application (Water Resources Act 1991, Section 88)** Positional Accuracy: Located by supplier to within 10m	A8NW (S)	576	3	320910 175000
5	**Discharge Consents** Operator: Dwr Cymru Cyfyngedig Property Type: Sewerage Network - Sewers - Water Company Location: Cardiff Central Outfall Rover Way C, Rover Way Cardiff Authority: Natural Resources Wales Catchment Area: Boundary Of HA 57 & HA 58 Reference: An0028401 Permit Version: 1 Effective Date: 20th November 1987 Issued Date: 20th November 1987 Revocation Date: 16th February 1993 Discharge Type: Unspecified Discharge Environment: Not Supplied Receiving Water: Severn Estuary **Status: Authorisation revokedRevoked** Positional Accuracy: Located by supplier to within 10m	A8NW (S)	576	3	320910 175000
6	**Discharge Consents** Operator: Associated British Ports Property Type: Undefined Or Other Location: Land Adjacent To Cardiff Docks Authority: Natural Resources Wales Catchment Area: River Taff Reference: An0011001 Permit Version: 1 Effective Date: 7th May 1986 Issued Date: 7th May 1986 Revocation Date: 6th March 1995 Discharge Type: Unspecified Discharge Environment: Not Supplied Receiving Water: Roath Dock **Status: Consent expired** Positional Accuracy: Located by supplier to within 10m	A7NE (SW)	657	3	320520 175030

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
7	**Discharge Consents** Operator: Air Products Plc Property Type: Gas Distribution And Compressor Stations Location: Rover Way Roath Dock Cardiff Authority: Natural Resources Wales Catchment Area: Not Supplied Reference: Af3022401 Permit Version: 1 Effective Date: 5th April 1971 Issued Date: 5th April 1971 Revocation Date: Not Supplied Discharge Type: Unspecified Discharge Environment: Controlled Sea Receiving Water: Roath Dock **Status: New Consent, by Application (Water Resources Act 1991, Section 88)** Positional Accuracy: Located by supplier to within 10m	A7SE (SW)	763	3	320434 174962
7	**Discharge Consents** Operator: Air Products Plc Property Type: Gas Distribution And Compressor Stations Location: Roath Dock Roath Cardiff, Roath, Cardiff Cbc, Cf10 4uu Authority: Natural Resources Wales Catchment Area: Not Supplied Reference: Ac0104201 Permit Version: 1 Effective Date: 1st July 1976 Issued Date: 1st July 1976 Revocation Date: Not Supplied Discharge Type: Trade Discharges - Site Drainage Discharge Environment: Freshwater Stream/River Receiving Water: Stream **Status: New Consent (Water Resources Act 1991, Section 88 & Schedule 10 as amended by Environment Act 1995)** Positional Accuracy: Located by supplier to within 10m	A7SE (SW)	774	3	320442 174942
8	**Discharge Consents** Operator: Shell U K Ltd Property Type: Support Services - Sea Transport Location: Roath Dock Oil Terminal Cardiff, Rover Way, Cf10 4us Authority: Natural Resources Wales Catchment Area: Not Given Reference: AN0227601 Permit Version: 1 Effective Date: 13th June 1991 Issued Date: 13th June 1991 Revocation Date: Not Supplied Discharge Type: Unspecified Discharge Environment: Controlled Sea Receiving Water: Roath Dock **Status: New Consent, by Application (Water Resources Act 1991, Section 88)** Positional Accuracy: Located by supplier to within 100m	A7SE (SW)	778	3	320500 174900
8	**Discharge Consents** Operator: Valero Logistics Uk Ltd Property Type: Support Services - Sea Transport Location: Roath Dock Oil Terminal Cardiff, Rover Way, Cf10 4us Authority: Natural Resources Wales Catchment Area: River Taff Reference: AN0222401 Permit Version: 2 Effective Date: 8th May 1991 Issued Date: 8th May 1991 Revocation Date: Not Supplied Discharge Type: Trade Effluent Discharge Environment: Controlled Sea Receiving Water: Roath Dock **Status: New Consent, by Application (Water Resources Act 1991, Section 88)** Positional Accuracy: Located by supplier to within 100m	A7SE (SW)	778	3	320500 174900

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
8	**Discharge Consents** Operator: Shell U K Ltd Property Type: Support Services - Sea Transport Location: Roath Dock Oil Terminal Cardiff, Rover Way, Cf10 4us Authority: Natural Resources Wales Catchment Area: River Taff Reference: An0222401 Permit Version: 1 Effective Date: 19th February 1991 Issued Date: 19th February 1991 Revocation Date: 7th May 1991 Discharge Type: Unspecified Discharge Environment: Not Supplied Receiving Water: Roath Dock **Status: Authorisation revokedRevoked** Positional Accuracy: Located by supplier to within 100m	A7SE (SW)	778	3	320500 174900
9	**Discharge Consents** Operator: B & M Products Property Type: Undefined Or Other Location: Coal Washery Nr Dock Rover Way Car, Rover Way Cardiff Authority: Natural Resources Wales Catchment Area: Boundary Of HA 57 & HA 58 Reference: An0002201 Permit Version: 1 Effective Date: 10th April 1985 Issued Date: 10th April 1985 Revocation Date: 9th February 1994 Discharge Type: Unspecified Discharge Environment: Not Supplied Receiving Water: Severn Estuary **Status: Consent expired** Positional Accuracy: Located by supplier to within 100m	A8SE (S)	883	3	321000 174700
10	**Enforcement and Prohibition Notices** Location: Tremorfa Steel Works, CARDIFF, South Glamorgan, CF2 2YX Permit Reference: Not Given Enforcement Date: 18th January 1996 Details: Press Release HM360, Release of primary fume to the atmosphere due to a failure in the fume extraction system under EPA90 Positional Accuracy: Unknown	A18NW (N)	721	4	320705 176395
11	**Integrated Pollution Controls** Name: Celsa Manufacturing (Uk) Ltd Location: Cardiff Rod and Bar Mill, Castle Works, CARDIFF, SOUTH GLAMORGAN, CF24 5XQ Authority: Environment Agency, Welsh Region Permit Reference: BG4879 Dated: 31st August 1999 Process Type: IPC minor (non-substantial) variation to previous variation Description: 1.3 A (A) Combustion processes within the Fuel & Power Industry **Status: Revoked - Now IPPC** Positional Accuracy: Automatically positioned to the address	A18SW (N)	604	4	320938 176317
11	**Integrated Pollution Controls** Name: Celsa Manufacturing (Uk) Ltd Location: Cardiff Rod and Bar Mill, Castle Works, CARDIFF, South Glamorgan, CF24 5XQ Authority: Environment Agency, Welsh Region Permit Reference: BC5393 Dated: 24th November 1998 Process Type: IPC minor (non-substantial) variation to previous variation Description: 1.3 A (A) Combustion processes within the Fuel & Power Industry **Status: Authorisation superseded by a substantial or non substantial variationSuperseded** Positional Accuracy: Automatically positioned to the address	A18SW (N)	604	4	320933 176317
11	**Integrated Pollution Controls** Name: Celsa Manufacturing (Uk) Ltd Location: Cardiff Rod and Bar Mill, P O Box 83, Castle Works, CARDIFF, South Glamorgan, CF24 5XQ Authority: Environment Agency, Welsh Region Permit Reference: AF7932 Dated: 28th October 1992 Process Type: IPC new application Description: 1.3 A (A) Combustion processes within the Fuel & Power Industry **Status: Authorisation superseded by a substantial or non substantial variationSuperseded** Positional Accuracy: Automatically positioned to the address	A18NW (N)	609	4	320933 176322

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
12	**Integrated Pollution Controls** Name: Celsa Manufacturing (Uk) Ltd Location: Po Box 37 Tremorfa Works, CARDIFF, Cardiff, CF2 2YX Authority: Environment Agency, Welsh Region Permit Reference: BD9831 Dated: 24th November 1998 Process Type: IPC minor (non-substantial) variation to previous variation Description: 2.2 A (I) Non-ferrous Metal processes within the Metal Industry **Status: Authorisation revokedRevoked** Positional Accuracy: Manually positioned within the geographical locality	A18NW (N)	679	4	320859 176387
12	**Integrated Pollution Controls** Name: Celsa Manufacturing (Uk) Ltd Location: P O Box 37, Tremorfa Works, CARDIFF, CF2 2YX Authority: Environment Agency, Welsh Region Permit Reference: BH4378 Dated: 28th February 2000 Process Type: IPC minor (non-substantial) variation to previous variation Description: 2.1 A (A) Iron and Steel processes within the Metal Industry **Status: Revoked - Now IPPC** Positional Accuracy: Manually positioned within the geographical locality	A18NW (N)	680	4	320849 176387
12	**Integrated Pollution Controls** Name: Celsa Manufacturing (Uk) Ltd Location: P O Box 37, Tremorfa Works, CARDIFF, South Glamorgan, CF2 2TH Authority: Environment Agency, Welsh Region Permit Reference: AY8727 Dated: 21st October 1997 Process Type: IPC new application Description: 2.2 A (I) Non-ferrous Metal processes within the Metal Industry **Status: Authorisation superseded by a substantial or non substantial variationSuperseded** Positional Accuracy: Manually positioned within the geographical locality	A18NW (N)	680	4	320854 176387
12	**Integrated Pollution Controls** Name: Celsa Manufacturing (Uk) Ltd Location: Cardiff Medium Section Mill, Po Box 16, Tremorfa Works, CARDIFF, South Glamorgan, CF2 2YW Authority: Environment Agency, Welsh Region Permit Reference: BC5474 Dated: 24th November 1998 Process Type: IPC minor (non-substantial) variation to previous variation Description: 1.3 A (A) Combustion processes within the Fuel & Power Industry **Status: Authorisation superseded by a substantial or non substantial variationSuperseded** Positional Accuracy: Manually positioned within the geographical locality	A18NW (N)	684	4	320859 176392
12	**Integrated Pollution Controls** Name: Celsa Manufacturing (Uk) Ltd Location: Cardiff Medium Section Mill, P O Box 16 Tremorfa Works, Seawall Road, CARDIFF, South Glamorgan, CF2 2YW Authority: Environment Agency, Welsh Region Permit Reference: AF8688 Dated: 28th October 1992 Process Type: IPC new application Description: 1.3 A (A) Combustion processes within the Fuel & Power Industry **Status: Authorisation superseded by a substantial or non substantial variationSuperseded** Positional Accuracy: Manually positioned within the geographical locality	A18NW (N)	684	4	320854 176392
12	**Integrated Pollution Controls** Name: Celsa Manufacturing (Uk) Ltd Location: P O Box 37, Tremorfa Works, CARDIFF, CF2 2YX Authority: Environment Agency, Welsh Region Permit Reference: BE4991 Dated: 24th November 1998 Process Type: IPC minor (non-substantial) variation to previous variation Description: 2.1 A (A) Iron and Steel processes within the Metal Industry **Status: Authorisation superseded by a substantial or non substantial variationSuperseded** Positional Accuracy: Manually positioned within the geographical locality	A18NW (N)	685	4	320849 176392
12	**Integrated Pollution Controls** Name: Celsa Manufacturing (Uk) Ltd Location: Cardiff Medium Section Mill, P O Box 16 Tremorfa Works, Seawall Road, CARDIFF, South Glamorgan, CF2 2YW Authority: Environment Agency, Welsh Region Permit Reference: BG4852 Dated: 31st August 1999 Process Type: IPC minor (non-substantial) variation to previous variation Description: 1.3 A (A) Combustion processes within the Fuel & Power Industry **Status: Revoked - Now IPPC** Positional Accuracy: Manually positioned within the geographical locality	A18NW (N)	689	4	320859 176397

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
12	**Integrated Pollution Controls** Name: Celsa Manufacturing (Uk) Ltd Location: P O Box 37, Tremorfa Works, CARDIFF, CF2 2YX Authority: Environment Agency, Welsh Region Permit Reference: AR0322 Dated: 29th July 1995 Process Type: IPC application for process that was regulated by HMIP for air releases under previous legislation Description: 2.1 A (A) Iron and Steel processes within the Metal Industry **Status: Authorisation superseded by a substantial or non substantial variationSuperseded** Positional Accuracy: Manually positioned within the geographical locality	A18NW (N)	689	4	320854 176397
12	**Integrated Pollution Controls** Name: Celsa Manufacturing (Uk) Ltd Location: P O Box 37, Tremorfa Works, CARDIFF, Mid Glamorgan, CF2 2YX Authority: Environment Agency, Welsh Region Permit Reference: BB4430 Dated: 6th August 1998 Process Type: IPC minor (non-substantial) variation to previous variation Description: 2.1 A (A) Iron and Steel processes within the Metal Industry **Status: Authorisation superseded by a substantial or non substantial variationSuperseded** Positional Accuracy: Manually positioned within the geographical locality	A18NW (N)	690	4	320849 176397
13	**Integrated Pollution Prevention And Control** Name: Euro Dismantling Services Ltd Location: Martin Road Hazardous Waste Transfer Station Ea/Epr/Pp3739bk/V002, Martin Road,Unit 11, Tremorfa Industrial Estate,Tremorfa,, Cardiff, South Wales, CF24 5SD Authority: Natural Resources Wales Permit Reference: MP3135EC Original Permit Ref: Mp3135ec Effective Date: 15th November 2013 **Status: Effective** Application Type: Transfer App. Sub Type: Whole with Fit and Proper Person Positional Accuracy: Located by supplier to within 10m Activity Code: 5.3 A(1) a) (iv) Activity Description: DISPOSAL OR RECOVERY OF HAZ WASTE WITH CAPACITY EXCEEDING 10 TONNES PER DAY INVOLVING REPACKAGING PRIOR TO SUBMISSION TO ANY OF THE OTHER ACTIVITIES LISTED IN THIS SECTION OR IN SECTION 5.1 Primary Activity: Y	A13NE (NE)	281	3	321250 175790
13	**Integrated Pollution Prevention And Control** Name: Silverdell (Uk) Ltd Location: Martin Road Hazardous Waste Transfer Station Ea/Epr/Pp3739bk/V002, Martin Road,Unit 11, Tremorfa Industrial Estate,Tremorfa,, Cardiff, South Wales, CF24 5SD Authority: Natural Resources Wales Permit Reference: EP3831ZG Original Permit Ref: Pp3739bk Effective Date: 25th March 2013 **Status: Superseded By Variation** Application Type: Variation App. Sub Type: Minor Positional Accuracy: Automatically positioned to the address Activity Code: 5.3 A(1) a) (iv) Activity Description: DISPOSAL OR RECOVERY OF HAZ WASTE WITH CAPACITY EXCEEDING 10 TONNES PER DAY INVOLVING REPACKAGING PRIOR TO SUBMISSION TO ANY OF THE OTHER ACTIVITIES LISTED IN THIS SECTION OR IN SECTION 5.1 Primary Activity: Y	A13NE (NE)	286	3	321250 175799
13	**Integrated Pollution Prevention And Control** Name: Silverdell (Uk) Ltd Location: Unit 11, Martin Road, Tremorfa Industrial Estate, Tremorfa, Cardiff, CF24 5SD Authority: Natural Resources Wales Permit Reference: Pp3739bk Original Permit Ref: Pp3739bk Effective Date: 29th September 2006 **Status: Superseded By Variation** Application Type: Application App. Sub Type: New Positional Accuracy: Automatically positioned to the address Activity Code: 5.3 A(1) (A) Activity Description: Other Waste Disposal; Hazardous Waste Greater Than 10T/D Primary Activity: Y	A13NE (NE)	286	3	321250 175799

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
14	**Integrated Pollution Prevention And Control** Name: Dwr Cymru Cyfyngedig (Welsh Water) Location: Cardiff East Wastewater Treatment Works Ea/Epr/Fp3232kg/A001, Cardiff East Wwtw, Martin Road,Tremorfa Ind. Estate, Tremorfa,, Cardiff, CF24 5SD Authority: Natural Resources Wales Permit Reference: FP3232KG Original Permit Ref: Fp3232kg Effective Date: 26th May 2010 **Status:** **Superseded By Variation** Application Type: Application App. Sub Type: New Positional Accuracy: Located by supplier to within 10m Activity Code: 1.1 A(1) (B) (I) Activity Description: Combustion; Recovered Oil Greater Or Equal To 3Mw But Less Than 50Mw Primary Activity: Y	A14NW (E)	403	3	321410 175750
15	**Integrated Pollution Prevention And Control** Name: Dwr Cymru Cyfyngedig (Welsh Water) Location: Cardiff Chp Facility Epr/Fp3232kg/V002, Dwr Cymru Cyfyngedig,Cardiff East Wastewater Treatment Works, Tide Fields Road,Rover Way,Tremorfa, CARDIFF, South Glamorgan, CF24 2RX Authority: Environment Agency, Welsh Region Permit Reference: DP3330ZA Original Permit Ref: Fp3232kg Effective Date: Not Supplied **Status:** **Valid** Application Type: Variation App. Sub Type: Simple Standard Variation Positional Accuracy: Automatically positioned to the address Activity Code: 1.1 A(1) (B) (I) Activity Description: Combustion; Recovered Oil Greater Or Equal To 3Mw But Less Than 50Mw Primary Activity: Y	A14NW (NE)	486	4	321421 175905
16	**Integrated Pollution Prevention And Control** Name: Princes Ltd Location: Princes Soft Drinks Division (Cardiff) Ea/Epr/Bx8289iw/V003, Princes Soft Drinks Division - Cardiff,Unit 68, Portmanmoor Road Ind. Estate,East Moors,, Cardiff, South Wales, CF24 5HB Authority: Natural Resources Wales Permit Reference: EP3936TZ Original Permit Ref: Bx8289iw Effective Date: 16th July 2010 **Status:** **Effective** Application Type: Variation App. Sub Type: Standard Positional Accuracy: Automatically positioned to the address Activity Code: 6.8 A(1) (D) (II) Activity Description: Animal, Vegetable & Food; Treating Etc. Vegetable Raw Materials For Food Greater Than 300T/Day Primary Activity: Y	A12NE (W)	494	3	320406 175711
16	**Integrated Pollution Prevention And Control** Name: Princes Ltd Location: Unit 68-69, Portmanmoor Road Industrial Estate, East Moors, Cardiff, CF24 5PS Authority: Natural Resources Wales Permit Reference: DP3132LM Original Permit Ref: Bx8289iw Effective Date: 21st July 2006 **Status:** **Superseded By Variation** Application Type: Variation App. Sub Type: Simple Standard Variation Positional Accuracy: Automatically positioned to the address Activity Code: 6.8 A(1) (D) (II) Activity Description: Animal, Vegetable & Food; Treating Etc. Vegetable Raw Materials For Food Greater Than 300T/Day Primary Activity: Y	A12NE (W)	494	3	320406 175711
16	**Integrated Pollution Prevention And Control** Name: Princes Ltd Location: Unit 68-69, Portmanmoor Road Industrial Estate, CARDIFF, CF24 5PS Authority: Natural Resources Wales Permit Reference: Bx8289iw Original Permit Ref: Bx8289iw Effective Date: 5th May 2005 **Status:** **Superseded By Variation** Application Type: Application App. Sub Type: New Positional Accuracy: Automatically positioned to the address Activity Code: 6.8 A(1) (D) (II) Activity Description: Animal, Vegetable & Food; Treating Etc. Vegetable Raw Materials For Food Greater Than 300T/Day Primary Activity: Y	A12NE (W)	494	3	320406 175711

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
17	**Integrated Pollution Prevention And Control** Name: Celsa Manufacturing Uk Ltd Location: Cardiff Section Mill, Section Mill, Tremorfa Works, Seawall Road, Cardiff, CF24 5TH Authority: Natural Resources Wales Permit Reference: Bv0767it Original Permit Ref: Bv0767it Effective Date: 28th November 2003 **Status:** **Effective** Application Type: Application App. Sub Type: New Positional Accuracy: Manually positioned to the address or location Activity Code: 1.1 B (A) Activity Description: Combustion; Any Fuel Greater Or Equal To 20Mw But Less Than 50Mw (Unless 1.1 A(1) B) Primary Activity: N Activity Code: 2.1 A(1) (C) Activity Description: Ferrous Metals; Hot Rolling Greater Than 20T/Hr Primary Activity: Y	A18SW (N)	541	3	320834 176244
18	**Integrated Pollution Prevention And Control** Name: Celsa Manufacturing (Uk) Ltd Location: Po Box 37, Tremorfa Works, Seawall Road, Cardiff, Cf2 2yx Authority: Environment Agency, Welsh Region Permit Reference: Bl9372 Original Permit Ref: Bl9372 Effective Date: 7th January 2003 **Status:** **Superseded By Variation** Application Type: PPC APPLICATION App. Sub Type: Not Supplied Positional Accuracy: Manually positioned to the address or location Activity Code: 2.1 A(1) (B) Activity Description: Ferrous Metals; Producing, Melting Or Refining Primary Activity: Not Supplied	A18SW (N)	636	4	320688 176297
19	**Integrated Pollution Prevention And Control** Name: Celsa Manufacturing Uk Ltd Location: Tremorfa Melt Shop, Tremorfa Works New Melt Shop Seawall Road, Tremorfa,, Cardiff, South Wales, Cf24 5th Authority: Natural Resources Wales Permit Reference: Tp3639bh Original Permit Ref: Not Supplied Effective Date: 20th July 2016 **Status:** **Effective** Application Type: Variation App. Sub Type: Not Supplied Positional Accuracy: Located by supplier to within 100m Activity Code: 2.1 A(1) (B) Activity Description: Not Supplied Primary Activity: Not Supplied	A18SE (N)	643	3	321200 176300
19	**Integrated Pollution Prevention And Control** Name: Celsa Manufacturing Uk Ltd Location: Tremorfa Melt Shop Ea/Epr/Tp3639bh/V002, New Melt Shop,Tremorfa Works, Seawall Road,Tremorfa,, Cardiff, South Wales, CF24 5TH Authority: Natural Resources Wales Permit Reference: BP3537FN Original Permit Ref: Tp3639bh Effective Date: 24th April 2012 **Status:** **Effective** Application Type: Variation App. Sub Type: Standard Positional Accuracy: Located by supplier to within 100m Activity Code: 2.1 A(1) (B) Activity Description: Ferrous Metals; Producing, Melting Or Refining Primary Activity: Y	A18SE (N)	643	3	321200 176300

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
20	**Integrated Pollution Prevention And Control** Name: Carrington Wire Ltd Location: Pengam Wire Works, Po Box 56, Pengam Works, Tremorfa,, Cardiff, South Wales, CF24 2WR Authority: Natural Resources Wales Permit Reference: MP3934XY Original Permit Ref: Bx9447in Effective Date: 9th July 2008 **Status:** **Surrender Effective** Application Type: Surrender App. Sub Type: Whole Positional Accuracy: Manually positioned to the address or location Activity Code: 2.3 A(1) (A) Activity Description: Surface Treating Metals And Plastics; Electrolytic/Chemical Greater Than 30 Cubic Metres Primary Activity: Y Activity Code: 0.0 Associated Process Activity Description: Associated Process Primary Activity: N	A18NW (N)	646	3	320949 176359
21	**Integrated Pollution Prevention And Control** Name: Viridor Waste Management Ltd Location: Cardiff Energy Recovery Facility Nrw/Epr/Lp3030xa/V002, Cardiff Energy Recovery Facility, Trident Park, Glass Avenue,Ocean Way,, Cardiff, CF24 5EN Authority: Natural Resources Wales Permit Reference: LP3935VD Original Permit Ref: Lp3030xa Effective Date: 21st August 2014 **Status:** **Effective** Application Type: Variation App. Sub Type: Standard Positional Accuracy: Located by supplier to within 10m Activity Code: 5.1 A(1) (C) Activity Description: Incineration Of Non Hazardous Waste Greater Than 1 T/Hr Primary Activity: Y	A12SW (W)	673	3	320220 175490
21	**Integrated Pollution Prevention And Control** Name: Viridor Waste Management Ltd Location: Cardiff Energy From Waste Facility Ea/Epr/Lp3030xa/A001, Waste Facility, Trident Park, Glass Avenue,Ocean Way,, Cardiff, CF24 5EN Authority: Natural Resources Wales Permit Reference: LP3030XA Original Permit Ref: Lp3030xa Effective Date: 4th November 2010 **Status:** **Superseded By Variation** Application Type: Application App. Sub Type: New Positional Accuracy: Located by supplier to within 10m Activity Code: 5.1 A(1) (C) Activity Description: Incineration Of Non Hazardous Waste Greater Than 1 T/Hr Primary Activity: Y	A12SW (W)	673	3	320220 175490
22	**Integrated Pollution Prevention And Control** Name: Allied Steel And Wire Ltd Location: Cardiff Medium Section Mill, Tremorfa Works, Seawall Road, Cardiff, Cf24 2yw Authority: Environment Agency, Welsh Region Permit Reference: Bs9636 Original Permit Ref: Bs9636 Effective Date: Not Supplied **Status:** **Valid** Application Type: Not Supplied App. Sub Type: Not Supplied Positional Accuracy: Manually positioned to the address or location Activity Code: 2.1 A(1) (C) Activity Description: Ferrous Metals; Hot Rolling Greater Than 20T/Hr Primary Activity: Not Supplied	A18NE (N)	694	4	321073 176393
23	**Integrated Pollution Prevention And Control** Name: Celsa Manufacturing Uk Ltd Location: Tremorfa Steel Works, Melt Shop, Tremorfa Works, Seawall Road, Tremorfa, Cardiff, South Wales, CF24 5YX Authority: Natural Resources Wales Permit Reference: Bu2098ip Original Permit Ref: Bl9372iu Effective Date: 20th June 2003 **Status:** **Superseded By Variation** Application Type: Transfer App. Sub Type: Whole without Fit and Proper Person Positional Accuracy: Manually positioned to the road within the address or location Activity Code: 2.1 A(1) (B) Activity Description: Ferrous Metals; Producing, Melting Or Refining Primary Activity: Y	A18NW (N)	703	3	320886 176414

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
24	**Integrated Pollution Prevention And Control** Name: Carrington Wire Ltd Location: Po Box 56, Pengam Wire Works, Tremorfa, Cardiff, South Wales, CF24 2WR Authority: Natural Resources Wales Permit Reference: Bx9447in Original Permit Ref: Bx9447in Effective Date: 1st March 2005 **Status:** **Superseded By Variation** Application Type: Application App. Sub Type: New Positional Accuracy: Manually positioned to the address or location Activity Code: 0.0 Associated Process Activity Description: Associated Process Primary Activity: N Activity Code: 2.3 A(1) (A) Activity Description: Surface Treating Metals And Plastics; Electrolytic/Chemical Greater Than 30 Cubic Metres Primary Activity: Y	A18NW (N)	727	3	320759 176417
25	**Integrated Pollution Prevention And Control** Name: Castle Waste Services Limited Location: Roath Dock Treatment And Recycling Centre, Roath Dock Transfer Station, Old Clipper Road,Roath Dock,, Cardiff, CF10 4LX Authority: Natural Resources Wales Permit Reference: JP3331ZS Original Permit Ref: Lp3439hm Effective Date: 15th August 2013 **Status:** **Effective** Application Type: Variation App. Sub Type: Standard Positional Accuracy: Automatically positioned to the address Activity Code: 5.3 A(1) (A) Activity Description: Other Waste Disposal; Hazardous Waste Greater Than 10T/D Primary Activity: Y Activity Code: 5.4 A(1) b) Activity Description: Recovery of Waste; Cleaning/Regenerating Carbon etc by Removing Scheduled Substances Primary Activity: N	A7SE (SW)	775	3	320449 174937
25	**Integrated Pollution Prevention And Control** Name: Castle Waste Services Limited Location: Roath Dock Transfer Station Ea/Epr/Lp3439hm/V002, Roath Dock Transfer Station, Old Clipper Road,Roath Dock,, Cardiff, CF10 4LX Authority: Natural Resources Wales Permit Reference: FP3937CQ Original Permit Ref: Lp3439hm Effective Date: 24th August 2012 **Status:** **Superseded By Variation** Application Type: Variation App. Sub Type: Minor Positional Accuracy: Automatically positioned to the address Activity Code: 5.4 A(1) b) Activity Description: Recovery of Waste; Cleaning/Regenerating Carbon etc by Removing Scheduled Substances Primary Activity: N Activity Code: 5.3 A(1) (A) Activity Description: Other Waste Disposal; Hazardous Waste Greater Than 10T/D Primary Activity: Y	A7SE (SW)	775	3	320449 174937
25	**Integrated Pollution Prevention And Control** Name: Castle Waste Services Limited Location: Roath Dock Transfer Station Ea/Epr/Lp3439hm/T001, Roath Dock Transfer Station, Old Clipper Road,Roath Dock,, Cardiff, CF10 4LX Authority: Natural Resources Wales Permit Reference: LP3439HM Original Permit Ref: Lp3439hm Effective Date: 24th August 2010 **Status:** **Superseded By Variation** Application Type: Transfer App. Sub Type: Whole limited change in management Positional Accuracy: Automatically positioned to the address Activity Code: 5.4 A(1) b) Activity Description: Recovery of Waste; Cleaning/Regenerating Carbon etc by Removing Scheduled Substances Primary Activity: N Activity Code: 5.3 A(1) (A) Activity Description: Other Waste Disposal; Hazardous Waste Greater Than 10T/D Primary Activity: Y	A7SE (SW)	775	3	320449 174937

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
25	**Integrated Pollution Prevention And Control** Name: Seaport Environmental Ltd Location: Clipper Road, Roath Dock, Cardiff, CF10 4LX Authority: Natural Resources Wales Permit Reference: UP3339UP Original Permit Ref: Jp3231sw Effective Date: 30th April 2007 **Status:** **Superseded By Variation** Application Type: Variation App. Sub Type: Simple Standard Variation Positional Accuracy: Automatically positioned to the address Activity Code: 5.3 A(1) (A) Activity Description: Other Waste Disposal; Hazardous Waste Greater Than 10T/D Primary Activity: Y Activity Code: 5.4 A(1) b) Activity Description: Recovery of Waste; Cleaning/Regenerating Carbon etc by Removing Scheduled Substances Primary Activity: N	A7SE (SW)	775	3	320449 174937
25	**Integrated Pollution Prevention And Control** Name: Seaport Environmental Ltd Location: Clipper Road, Roath Dock, CARDIFF, CF10 4LX Authority: Natural Resources Wales Permit Reference: JP3231SW Original Permit Ref: Jp3231sw Effective Date: 6th June 2006 **Status:** **Superseded By Variation** Application Type: Application App. Sub Type: New Positional Accuracy: Automatically positioned to the address Activity Code: 5.3 A(1) (A) Activity Description: Other Waste Disposal; Hazardous Waste Greater Than 10T/D Primary Activity: Y Activity Code: 5.4 A(1) b) Activity Description: Recovery of Waste; Cleaning/Regenerating Carbon etc by Removing Scheduled Substances Primary Activity: N	A7SE (SW)	775	3	320449 174937
26	**Integrated Pollution Prevention And Control** Name: Celsa Manufacturing Uk Ltd Location: Tremorfa Steel Works, Melt Shop,Tremorfa Works, Seawall Road,Tremorfa,, Cardiff, South Wales, CF24 5YX Authority: Natural Resources Wales Permit Reference: BP3237FK Original Permit Ref: Bl9372iu Effective Date: 22nd April 2012 **Status:** **Superseded By Variation** Application Type: Variation App. Sub Type: Standard Positional Accuracy: Located by supplier to within 100m Activity Code: 2.1 A(1) (B) Activity Description: Ferrous Metals; Producing, Melting Or Refining Primary Activity: Y	A19NW (NE)	884	3	321340 176500
27	**Local Authority Integrated Pollution Prevention And Control** Name: Travis Perkins Location: Clipper Road, Roath Dock, Cardiff, Cf1 5ed Authority: Cardiff Council, Pollution Control Division Permit Reference: EPR/166/6.6 Dated: Not Supplied Process Type: The Chemical Industry Description: Timber Treatment **Status:** **Permit Issued** Positional Accuracy: Located by supplier to within 10m	A8NW (SW)	462	5	320644 175182
28	**Local Authority Integrated Pollution Prevention And Control** Name: Nippon Electric Glass Ltd Location: Glass Avenue, Ocean Park, Cardiff, CF24 5EN Authority: Cardiff Council, Pollution Control Division Permit Reference: PPC/57/3.3 Dated: 28th April 2004 Process Type: Mineral Industries Description: 3.3 Glass manufacture & production **Status:** **Permit Issued** Positional Accuracy: Automatically positioned to the address	A12SW (W)	710	5	320180 175524

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
29	**Local Authority Pollution Prevention and Controls** Name: Action Environmental Location: Unit 5 Martin Road, Tremorfa Industrial Estate, Cardiff, Cf24 5sd Authority: Cardiff Council, Pollution Control Division Permit Reference: PPC/121/3.5 Dated: Not Supplied Process Type: Local Authority Pollution Prevention and Control Description: PG3/16 Mobile screening and crushing processes **Status: Permitted** Positional Accuracy: Manually positioned to the address or location	A13NE (N)	55	5	320979 175753
30	**Local Authority Pollution Prevention and Controls** Name: Tilcon Ltd Location: Rover Way, The Docks, CARDIFF, South Glamorgan, CF24 2RX Authority: Cardiff Council, Pollution Control Division Permit Reference: epa90/12/3.1 Dated: 28th August 1992 Process Type: Local Authority Air Pollution Control Description: PG3/1Blending, packing, loading and use of bulk cement **Status: Authorisation has varied** Positional Accuracy: Manually positioned to the road within the address or location	A13NE (N)	153	5	320990 175857
31	**Local Authority Pollution Prevention and Controls** Name: Hope Ready Mixed Concrete Location: Cardiff Wharf, Roath Dock Road, Cardiff, CF10 4ED Authority: Cardiff Council, Pollution Control Division Permit Reference: Ppc/15/3.1 Dated: 18th November 1992 Process Type: Local Authority Pollution Prevention and Control Description: PG3/1Blending, packing, loading and use of bulk cement **Status: Permitted** Positional Accuracy: Located by supplier to within 10m	A13NE (N)	201	5	321052 175879
32	**Local Authority Pollution Prevention and Controls** Name: Diggers Vehicle Dismantlers Location: Unit 15 Tremorfa Industrial Estate, Tremorfa, CARDIFF, Mid Glamorgan, CF2 2SD Authority: Cardiff Council, Pollution Control Division Permit Reference: Epa90/116/2.2 Dated: 21st September 2001 Process Type: Local Authority Air Pollution Control Description: PG2/1Furnaces for the extraction of non-ferrous metal from scrap **Status: Authorised** Positional Accuracy: Manually positioned to the address or location	A13NE (NE)	220	5	321162 175805
33	**Local Authority Pollution Prevention and Controls** Name: National Engine Centre Location: Unit 16c Martin Road, Tremorfa Industrial Estate, Cardiff, CF24 5SD Authority: Cardiff Council, Pollution Control Division Permit Reference: EPR 152/1.1 Dated: Not Supplied Process Type: Local Authority Pollution Prevention and Control Description: PG1/1Waste oil burners, less than 0.4MW net rated thermal input **Status: Permitted** Positional Accuracy: Manually positioned to the address or location	A13NE (NE)	291	5	321209 175862
34	**Local Authority Pollution Prevention and Controls** Name: Castle Wire Location: PO Box 48, Castle Works, CARDIFF, South Glamorgan, CF10 1XQ Authority: Cardiff Council, Pollution Control Division Permit Reference: Epa90/19/2.2 Dated: 14th April 1993 Process Type: Local Authority Air Pollution Control Description: PG2/2 Hot dip galvanising processes **Status: Authorisation revokedRevoked** Positional Accuracy: Manually positioned to the address or location	A18SE (N)	348	5	320991 176057
35	**Local Authority Pollution Prevention and Controls** Name: Castle Nails Location: PO Box 4, Tremorfa Nail Works, CARDIFF, South Glamorgan, CF24 5YS Authority: Cardiff Council, Pollution Control Division Permit Reference: Epa90/20/2.2 Dated: 14th April 1993 Process Type: Local Authority Air Pollution Control Description: PG2/2 Hot dip galvanising processes **Status: Authorisation revokedRevoked** Positional Accuracy: Manually positioned to the address or location	A18SE (N)	411	5	321005 176118

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
36	**Local Authority Pollution Prevention and Controls** Name: Celsa Manufacturing (Uk) LtdCardiff Mill Services Location: Rover Way, CARDIFF, South Glamorgan, CF24 5UX Authority: Cardiff Council, Pollution Control Division Permit Reference: Ppc/27/3.5 Dated: 6th August 1992 Process Type: Local Authority Pollution Prevention and Control Description: PG3/8 Quarry processes including roadstone plants and the size reduction of bricks, tiles and concrete **Status:** **Permitted** Positional Accuracy: Located by supplier to within 10m	A18SE (NE)	464	5	321188 176105
37	**Local Authority Pollution Prevention and Controls** Name: Brittons Timber Location: Clipper Road, Roath Dock, CARDIFF, South Glamorgan, CF10 4EW Authority: Cardiff Council, Pollution Control Division Permit Reference: Ppc/54/6.6 Dated: 7th January 1997 Process Type: Local Authority Pollution Prevention and Control Description: PG6/2 Manufacture of timber and wood-based products **Status:** **Permitted** Positional Accuracy: Manually positioned to the address or location	A7NE (SW)	470	5	320590 175211
38	**Local Authority Pollution Prevention and Controls** Name: Cuddihy Location: Old Spillers Road, Clipper Road, CARDIFF, CF10 4ED Authority: Cardiff Council, Pollution Control Division Permit Reference: Ppc/124/3.5 Dated: Not Supplied Process Type: Local Authority Pollution Prevention and Control Description: PG3/16 Mobile screening and crushing processes **Status:** **Permitted** Positional Accuracy: Manually positioned to the address or location	A8NW (SW)	596	5	320647 175030
38	**Local Authority Pollution Prevention and Controls** Name: Cuddihy Location: Old Spillers Road, Clipper Road, Cardiff, Cf10 4ed Authority: Cardiff Council, Pollution Control Division Permit Reference: PPC/125/3.5 Dated: Not Supplied Process Type: Local Authority Pollution Prevention and Control Description: PG3/16 Mobile screening and crushing processes **Status:** **Permitted** Positional Accuracy: Manually positioned to the address or location	A8NW (SW)	596	5	320647 175030
38	**Local Authority Pollution Prevention and Controls** Name: Cuddihy Location: Old Spillers Road, Clipper Road, Cardiff, Cf10 4ed Authority: Cardiff Council, Pollution Control Division Permit Reference: PPC/129/3.5 Dated: Not Supplied Process Type: Local Authority Pollution Prevention and Control Description: PG3/16 Mobile screening and crushing processes **Status:** **Permitted** Positional Accuracy: Manually positioned to the address or location	A8NW (SW)	596	5	320647 175030
39	**Local Authority Pollution Prevention and Controls** Name: Nippon Electric Glass Ltd Location: Glass Avenue, Ocean Park, CARDIFF, South Glamorgan, CF24 5EN Authority: Cardiff Council, Pollution Control Division Permit Reference: Epa90/57/3.5 Dated: 19th April 1996 Process Type: Local Authority Air Pollution Control Description: PG3/3 Glass (excluding lead glass) manufacturing processes **Status:** **Authorised** Positional Accuracy: Manually positioned to the address or location	A12SW (W)	680	5	320208 175563
40	**Local Authority Pollution Prevention and Controls** Name: Westdale Press Location: Unit 70 Portmanmoor Road Ind Estate, Eastmoors, CARDIFF, South Glamorgan, CF2 2HB Authority: Cardiff Council, Pollution Control Division Permit Reference: Ppc/46/6.4 Dated: 11th February 1994 Process Type: Local Authority Pollution Prevention and Control Description: PG6/16 Printworks **Status:** **Permitted** Positional Accuracy: Automatically positioned to the address	A12NW (W)	681	5	320222 175742

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
41	**Local Authority Pollution Prevention and Controls** Name: Double Six Press Ltd Location: Unit 52, Portmanmoor Road Industrial Estate, Eastmoors, CARDIFF, CF24 5HB Authority: Cardiff Council, Pollution Control Division Permit Reference: Ppc/122/6.4 Dated: Not Supplied Process Type: Local Authority Pollution Prevention and Control Description: PG6/16 Printworks **Status:** **Permitted** Positional Accuracy: Manually positioned to the address or location	A12NW (NW)	710	5	320260 175949
42	**Local Authority Pollution Prevention and Controls** Name: Hanson Aggregates Location: Cardiff Wharf, Roath Dock Road, Cardiff, CF10 4ED Authority: Cardiff Council, Pollution Control Division Permit Reference: PPC/146/3.1 Dated: Not Supplied Process Type: Local Authority Pollution Prevention and Control Description: PG3/1Blending, packing, loading and use of bulk cement **Status:** **Permitted** Positional Accuracy: Located by supplier to within 10m	A7NE (SW)	715	5	320339 175116
43	**Local Authority Pollution Prevention and Controls** Name: Tarmac Trading Ltd Location: Viking Place, The Docks, CARDIFF, CF2 2RX Authority: Cardiff Council, Pollution Control Division Permit Reference: Ppc/12/3.1 Dated: 28th August 1992 Process Type: Local Authority Pollution Prevention and Control Description: PG3/1Blending, packing, loading and use of bulk cement **Status:** **Permitted** Positional Accuracy: Manually positioned to the address or location	A8SW (S)	729	5	320771 174856
44	**Local Authority Pollution Prevention and Controls** Name: Texaco Ltd Location: Roath Dock Oil Terminal, Rover Way, CARDIFF, South Glamorgan, CF10 4US Authority: Cardiff Council, Pollution Control Division Permit Reference: EPA90/101/1.4 Dated: 31st March 1999 Process Type: Local Authority Air Pollution Control Description: PG1/14 Petrol filling station **Status:** **Authorised** Positional Accuracy: Automatically positioned to the address	A8SW (S)	858	5	320732 174732
45	**Local Authority Pollution Prevention and Controls** Name: Valero Energy Cardiff Terminal Location: Roath Dock, Rover Way, CARDIFF, CF1 5US Authority: Cardiff Council, Pollution Control Division Permit Reference: Ppc/101/1.4 Dated: 31st March 1999 Process Type: Local Authority Pollution Prevention and Control Description: PG1/13 Processes for the storage, loading and unloading of petrol at terminals **Status:** **Permitted** Positional Accuracy: Manually positioned to the address or location	A8SW (S)	896	5	320653 174711
	Nearest Surface Water Feature	A13SW (S)	75	-	320945 175496
46	**Pollution Incidents to Controlled Waters** Property Type: Boats/Ships Location: CARDIFF Authority: Environment Agency, Welsh Region Pollutant: Sewage - Treated Effluent Note: Accidental Spillage/Leakage Incident Date: 28th February 1992 Incident Reference: 3173 Catchment Area: Not Given Receiving Water: Not Given Cause of Incident: Burst Incident Severity: Category 2 - Significant Incident Positional Accuracy: Located by supplier to within 100m	A7NE (SW)	753	4	320401 175001
47	**Prosecutions Relating to Authorised Processes** Location: Roath Dock, Cardiff, Cf10 Prosecution Text: Exporting waste in contravention of waste regulations Prosecution Act: Tswr94 Hearing Date: 6th December 2007 Verdict: Guilty Fine: 9000 Costs: 2449 Positional Accuracy: Manually positioned within the geographical locality	A8NW (S)	471	4	320865 175105

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
48	**Prosecutions Relating to Authorised Processes** Location: Rover Way, Cardiff Prosecution Text: Transporting controlled waste without a WML Prosecution Act: Copa89 S1(1) Hearing Date: 2nd December 2005 Verdict: Guilty Fine: 750 Costs: 516 Positional Accuracy: Manually positioned to the road within the address or location	A8NW (S)	548	4	320754 175044
49	**Registered Radioactive Substances** Name: Quotient Bioresearch(Radiochemicals) Limited Location: Trident Park,Ocean Way,Glass Avenue, CARDIFF, CF24 5HH Authority: Natural Resources Wales Permit Reference: CE2691 Dated: 30th March 2010 Process Type: Registration under S7 RSA for the keeping and use of Radioactive materials (was RSA60 S1) Description: Registration under the Act of an open source which is also the subject of an authorisation **Status: Application has been authorised and any conditions apply to the operatorAuthorised** Positional Accuracy: Manually positioned to the road within the address or location	A12SW (W)	631	3	320258 175633
	River Quality Name: Not Supplied GQA Grade: Unclassified Tidal River Reach: Not Supplied Estimated Distance (km): Not Supplied Flow Rate: Not Supplied Flow Type: Not Supplied Year: 1995	A19SW (NE)	646	4	321505 176058
50	**Substantiated Pollution Incident Register** Authority: Natural Resources Wales Incident Date: 18th July 2001 Incident Reference: 17309 Water Impact: Category 3 - Minor Incident Air Impact: Category 2 - Significant Incident Land Impact: Category 4 - No Impact Positional Accuracy: Located by supplier to within 10m Pollutant: Atmospheric Pollutants And Effects: Other Atmospheric Pollutant Or Effect	A13SE (SE)	74	3	321089 175568
51	**Substantiated Pollution Incident Register** Authority: Natural Resources Wales Incident Date: 29th September 2005 Incident Reference: 349879 Water Impact: Category 4 - No Impact Air Impact: Category 4 - No Impact Land Impact: Category 2 - Significant Incident Positional Accuracy: Located by supplier to within 10m Pollutant: Asbestos Waste	A13NE (NE)	317	3	321284 175806
52	**Substantiated Pollution Incident Register** Authority: Natural Resources Wales Incident Date: 23rd June 2014 Incident Reference: 1248389 Water Impact: Category 2 - Significant Incident Air Impact: Category 4 - No Impact Land Impact: Category 4 - No Impact Positional Accuracy: Located by supplier to within 10m Pollutant: Contaminated Water: Vehicle And Plant Washings	A7NE (SW)	585	3	320507 175131
53	**Substantiated Pollution Incident Register** Authority: Natural Resources Wales Incident Date: 9th June 2010 Incident Reference: 788262 Water Impact: Category 4 - No Impact Air Impact: Category 2 - Significant Incident Land Impact: Category 4 - No Impact Positional Accuracy: Located by supplier to within 10m Pollutant: Pollutant Not Identified: Not Identified	A7NE (SW)	672	3	320541 174999

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
54	**Water Abstractions** Operator: Celsa Manufacturing (Uk) Ltd Licence Number: 21/57/25/0078 Permit Version: 1 Location: Underground Strata, Marine Alluvium And E A F Slag Authority: Natural Resources Wales Abstraction: Mineral Products: Dust Suppression Abstraction Type: Water may be abstracted from a single point Source: Groundwater Daily Rate (m3): Not Supplied Yearly Rate (m3): Not Supplied Details: Not Supplied Authorised Start: 01 January Authorised End: 31 December Permit Start Date: 2nd March 2006 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 10m	A18SE (N)	324	3	321040 176020
54	**Water Abstractions** Operator: Celsa Manufacturing (Uk) Ltd Licence Number: 21/57/25/0078 Permit Version: 1 Location: Underground Strata, Marine Alluvium And E A F Slag Authority: Natural Resources Wales Abstraction: Mineral Products: Evaporative Cooling Abstraction Type: Water may be abstracted from a single point Source: Groundwater Daily Rate (m3): Not Supplied Yearly Rate (m3): Not Supplied Details: Not Supplied Authorised Start: 01 January Authorised End: 31 December Permit Start Date: 2nd March 2006 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 10m	A18SE (N)	324	3	321040 176020
55	**Water Abstractions** Operator: Celsa Manufacturing (Uk) Ltd Licence Number: 21/57/25/0078 Permit Version: 2 Location: Underground Strata At Mineral Site Rover Way Authority: Natural Resources Wales Abstraction: Mineral Products: Dust Suppression Abstraction Type: Water may be abstracted from a single point Source: Groundwater Daily Rate (m3): Not Supplied Yearly Rate (m3): Not Supplied Details: Not Supplied Authorised Start: 04 January Authorised End: 03 July Permit Start Date: 3rd October 2014 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 10m	A19SW (NE)	569	3	321323 176141
55	**Water Abstractions** Operator: Celsa Manufacturing (Uk) Ltd Licence Number: 21/57/25/0078 Permit Version: 2 Location: Underground Strata At Mineral Site Rover Way Authority: Natural Resources Wales Abstraction: Mineral Products: Dust Suppression Abstraction Type: Water may be abstracted from a single point Source: Groundwater Daily Rate (m3): Not Supplied Yearly Rate (m3): Not Supplied Details: Not Supplied Authorised Start: 01 April Authorised End: 31 March Permit Start Date: 3rd October 2014 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 10m	A19SW (NE)	569	3	321323 176141

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
55	**Water Abstractions** Operator: Celsa Manufacturing (Uk) Ltd Licence Number: 21/57/25/0078 Permit Version: 2 Location: Underground Strata At Mineral Site Rover Way Authority: Natural Resources Wales Abstraction: Mineral Products: Evaporative Cooling Abstraction Type: Water may be abstracted from a single point Source: Groundwater Daily Rate (m3): Not Supplied Yearly Rate (m3): Not Supplied Details: Not Supplied Authorised Start: 01 April Authorised End: 31 March Permit Start Date: 3rd October 2014 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 10m	A19SW (NE)	569	3	321323 176141
	Water Abstractions Operator: Celsa Manufacturing (Uk) Ltd Licence Number: 21/57/25/0048 Permit Version: 101 Location: East Bute Dock Authority: Natural Resources Wales Abstraction: Metal: Evaporative Cooling Abstraction Type: Water may be abstracted from a single point Source: Surface Daily Rate (m3): Not Supplied Yearly Rate (m3): Not Supplied Details: Not Supplied Authorised Start: 01 January Authorised End: 31 December Permit Start Date: 16th August 2004 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 10m	A6NW (W)	1406	3	319520 175250
	Water Abstractions Operator: Allied Steel & Wire Plc Licence Number: 21/57/25/0048 Permit Version: 100 Location: East Bute Dock Authority: Environment Agency, Welsh Region Abstraction: Metal: Evaporative Cooling Abstraction Type: Water may be abstracted from a single point Source: Surface Daily Rate (m3): Not Supplied Yearly Rate (m3): Not Supplied Details: EAST BUTE DOCK Authorised Start: 01 January Authorised End: 31 December Permit Start Date: 3rd November 1999 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 100m	A6NW (W)	1406	4	319520 175250
	Water Abstractions Operator: Celsa Manufacturing (Uk) Ltd Licence Number: 21/57/25/0048 Permit Version: 102 Location: East Bute Dock Authority: Natural Resources Wales Abstraction: Metal: Evaporative Cooling Abstraction Type: Water may be abstracted from a single point Source: Surface Daily Rate (m3): Not Supplied Yearly Rate (m3): Not Supplied Details: Not Supplied Authorised Start: 01 April Authorised End: 31 March Permit Start Date: 30th April 2015 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 10m	A6NW (W)	1436	3	319491 175241

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	Water Abstractions Operator: Cardiff City Council Licence Number: 21/57/12/0039 Permit Version: Not Supplied Location: Location Description Not Available Authority: Environment Agency, Welsh Region Abstraction: General Industrial Abstraction Type: Not Supplied Source: Well And Borehole Daily Rate (m3): 0 Yearly Rate (m3): 35 Details: Not Supplied Authorised Start: Not Supplied Authorised End: Not Supplied Permit Start Date: Not Supplied Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 100m	A21NE (NW)	1657	4	319920 177020
	Groundwater Vulnerability Soil Classification: Not classified Map Sheet: Sheet 36 Mid Glamorgan Scale: 1:100,000	A13SW (E)	0	4	320951 175633
	Drift Deposits None				
	Bedrock Aquifer Designations Aquifer Designation: Secondary Aquifer - B	A13SW (E)	0	2	320951 175633
	Superficial Aquifer Designations Aquifer Designation: Secondary Aquifer - Undifferentiated	A13SW (E)	0	2	320951 175633
	Extreme Flooding from Rivers or Sea without Defences Type: Extent of Extreme Flooding from Rivers or Sea without Defences Flood Plain Type: Tidal Models Boundary Accuracy: As Supplied	A13SW (S)	63	3	320951 175514
	Extreme Flooding from Rivers or Sea without Defences Type: Extent of Extreme Flooding from Rivers or Sea without Defences Flood Plain Type: Tidal Models Boundary Accuracy: As Supplied	A13SW (W)	162	3	320726 175563
	Flooding from Rivers or Sea without Defences Type: Extent of Flooding from Rivers or Sea without Defences Flood Plain Type: Tidal Models Boundary Accuracy: As Supplied	A13SW (S)	65	3	320951 175514
	Areas Benefiting from Flood Defences None				
	Flood Water Storage Areas None				
	Flood Defences None				
	Detailed River Network Lines None				
	Detailed River Network Offline Drainage None				

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
56	**BGS Recorded Landfill Sites** Site Name: British Steel Corp Location: Rover Way, Cardiff East Moors, CARDIFF, South Glamorgan Authority: British Geological Survey, National Geoscience Information Service Ground Water: Information not available Surface Water: Information not available Geology: N/A Positional Accuracy: Positioned by the supplier Boundary Accuracy: Moderate	A13SW (E)	0	-	320951 175633
57	**Historical Landfill Sites** Licence Holder: W T Davies Transport Limited Location: Cardiff, South Glamorganshire Name: Land rear of Tarmac Topmix Site Operator Location: Not Supplied Boundary Accuracy: As Supplied Provider Reference: EAHLD14135 First Input Date: 31st December 1984 Last Input Date: 31st December 1985 Specified Waste Type: Deposited Waste included Inert Waste EA Waste Ref: 0 Regis Ref: Not Supplied WRC Ref: 6815/0057 BGS Ref: Not Supplied Other Ref: 1/84	A13SE (SE)	0	3	320979 175614
58	**Historical Landfill Sites** Licence Holder: Not Supplied Location: Rover Way, Cardiff East Moors, Cardiff, South Glamorgan Name: British Steel Corporation Operator Location: Not Supplied Boundary Accuracy: As Supplied Provider Reference: EAHLD31199 First Input Date: 31st December 1940 Last Input Date: Not Supplied Specified Waste Type: Deposited Waste included Inert and Industrial Waste EA Waste Ref: 0 Regis Ref: Not Supplied WRC Ref: Not Supplied BGS Ref: 2044 Other Ref: Not Supplied	A13SW (E)	0	3	320951 175633
59	**Historical Landfill Sites** Licence Holder: Cardiff Bay Development Corporation Location: Cardiff Name: Flue Dust Enclosure Operator Location: Not Supplied Boundary Accuracy: As Supplied Provider Reference: EAHLD15263 First Input Date: 31st December 1989 Last Input Date: 31st December 1991 Specified Waste Type: Deposited Waste included Industrial Waste EA Waste Ref: 0 Regis Ref: Not Supplied WRC Ref: 6815/0031 BGS Ref: Not Supplied Other Ref: Not Supplied	A13NE (NE)	47	3	321018 175685
60	**Historical Landfill Sites** Licence Holder: Crunchgrip Limited Location: Cardiff Name: Dragon Coal and Ovoids Operator Location: Not Supplied Boundary Accuracy: As Supplied Provider Reference: EAHLD15172 First Input Date: 31st December 1986 Last Input Date: 31st December 1990 Specified Waste Type: Deposited Waste included Inert and Industrial Waste EA Waste Ref: 0 Regis Ref: Not Supplied WRC Ref: 6815/0024 BGS Ref: Not Supplied Other Ref: 3/86	A13NE (NE)	140	3	321099 175762

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
61	**Historical Landfill Sites** Licence Holder: British Steel Corporation Location: Cardiff Name: BSC Flue Dust Pit Extension Operator Location: Not Supplied Boundary Accuracy: As Supplied Provider Reference: EAHLD15271 First Input Date: 31st December 1961 Last Input Date: 31st December 1981 Specified Waste Type: Deposited Waste included Industrial Waste EA Waste Ref: 0 Regis Ref: Not Supplied WRC Ref: 6815/0013 BGS Ref: Not Supplied Other Ref: 2/77	A13SE (E)	144	3	321168 175569
62	**Historical Landfill Sites** Licence Holder: British Steel Location: Cardiff Name: BCS-GKN Flue Dust Pit Operator Location: Not Supplied Boundary Accuracy: As Supplied Provider Reference: EAHLD15216 First Input Date: 31st December 1974 Last Input Date: 31st December 1976 Specified Waste Type: Deposited Waste included Industrial and Special Waste EA Waste Ref: 0 Regis Ref: Not Supplied WRC Ref: 6815/0014 BGS Ref: Not Supplied Other Ref: Not Supplied	A13SE (E)	155	3	321176 175561
63	**Historical Landfill Sites** Licence Holder: Welsh Development Agency Location: Rover Way, Cardiff, South Glamorganshire Name: Forty Acre Site Operator Location: Not Supplied Boundary Accuracy: As Supplied Provider Reference: EAHLD15261 First Input Date: 31st December 1982 Last Input Date: 31st December 1983 Specified Waste Type: Deposited Waste included Industrial and Household Waste EA Waste Ref: 0 Regis Ref: Not Supplied WRC Ref: 6815/0033 BGS Ref: Not Supplied Other Ref: 1/82	A13SW (S)	173	3	320916 175405
64	**Historical Landfill Sites** Licence Holder: Allied Steel and Wire Location: Foreshore, Rovers Way, Cardiff Name: Flue and Dust Disposal Site Operator Location: Not Supplied Boundary Accuracy: As Supplied Provider Reference: EAHLD15173 First Input Date: 31st December 1981 Last Input Date: 31st December 1988 Specified Waste Type: Deposited Waste included Inert and Industrial Waste EA Waste Ref: 0 Regis Ref: Not Supplied WRC Ref: 6815/0030 BGS Ref: Not Supplied Other Ref: 1/80, 3/81	A14NW (E)	285	3	321300 175710
65	**Historical Landfill Sites** Licence Holder: Slag Reduction Cardiff Location: Cardiff Name: Slag Reduction Limited Operator Location: Not Supplied Boundary Accuracy: As Supplied Provider Reference: EAHLD15269 First Input Date: 31st December 1977 Last Input Date: 31st December 1990 Specified Waste Type: Deposited Waste included Inert and Industrial Waste EA Waste Ref: 0 Regis Ref: Not Supplied WRC Ref: 6815/0095 BGS Ref: Not Supplied Other Ref: 4/77	A13NE (NE)	291	3	321161 175916

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
66	**Historical Landfill Sites** Licence Holder: Allied Steel and Wire Location: Flue Dust Pit, Cardiff Name: ASW North Operator Location: Not Supplied Boundary Accuracy: As Supplied Provider Reference: EAHLD15241 First Input Date: 31st December 1991 Last Input Date: 31st December 1994 Specified Waste Type: Deposited Waste included Industrial Waste EA Waste Ref: 0 Regis Ref: Not Supplied WRC Ref: 6815/0002 BGS Ref: Not Supplied Other Ref: Not Supplied	A14NW (NE)	482	3	321380 175951
67	**Historical Landfill Sites** Licence Holder: Allied Steel and Wire Location: Flue Dust Pit, Rover Way, Cardiff Name: ASW South Operator Location: Not Supplied Boundary Accuracy: As Supplied Provider Reference: EAHLD15270 First Input Date: 31st December 1988 Last Input Date: 31st December 1991 Specified Waste Type: Deposited Waste included Industrial and Special Waste EA Waste Ref: 0 Regis Ref: Not Supplied WRC Ref: 6815/0003 BGS Ref: Not Supplied Other Ref: 88/09	A14NW (NE)	495	3	321417 175925
68	**Historical Landfill Sites** Licence Holder: Birds Shredded Produce Location: Rover Way, Cardiff, South Glamorganshire Name: Birds Fragmentiser Waste Tip Operator Location: Not Supplied Boundary Accuracy: As Supplied Provider Reference: EAHLD15267 First Input Date: 31st December 1981 Last Input Date: 31st December 1991 Specified Waste Type: Deposited Waste included Industrial, Household and Special Waste EA Waste Ref: 0 Regis Ref: Not Supplied WRC Ref: 6815/0007 BGS Ref: Not Supplied Other Ref: 4/81	A19SW (NE)	738	3	321580 176112
69	**Historical Landfill Sites** Licence Holder: GKN South Wales Limited Location: Cardiff, South Glamorganshire Name: GKN Fragmentiser Operator Location: Not Supplied Boundary Accuracy: As Supplied Provider Reference: EAHLD15211 First Input Date: 31st December 1977 Last Input Date: 31st December 1981 Specified Waste Type: Deposited Waste included Industrial and Household Waste EA Waste Ref: 0 Regis Ref: Not Supplied WRC Ref: 6815/0037 BGS Ref: Not Supplied Other Ref: 3/77	A19SE (NE)	906	3	321659 176284
70	**Licensed Waste Management Facilities (Locations)** Licence Number: 30303 Location: Unit 6, Martin Road, Tremorfa, Cardiff, Glamorgan, CF24 5SD Operator Name: Action Environmental Waste Management Ltd (administration) Operator Location: Not Supplied Authority: Natural Resources Wales Site Category: Household, Commercial And Industrial Transfer Stations **Licence Status: Expired** Issued: 24th February 2004 Last Modified: Not Supplied Expires: Not Supplied Suspended: Not Supplied Revoked: Not Supplied Surrendered: Not Supplied IPPC Reference: Not Supplied Positional Accuracy: Located by supplier to within 10m	A13SE (E)	0	3	321025 175617

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
71	**Licensed Waste Management Facilities (Locations)** Licence Number: 30115 Location: Unit 5, Rover Way, Tremorfa Ind Est, Cardiff, Glamorgan, CF2 2RX Operator Name: Lane H Operator Location: Not Supplied Authority: Natural Resources Wales Site Category: Metal Recycling Sites (Mixed) **Licence Status: Surrendered** Issued: 6th January 1994 Last Modified: Not Supplied Expires: Not Supplied Suspended: Not Supplied Revoked: Not Supplied Surrendered: 1st August 2002 IPPC Reference: Not Supplied Positional Accuracy: Located by supplier to within 10m	A13SW (SW)	0	3	320930 175622
72	**Licensed Waste Management Facilities (Locations)** Licence Number: 900125 Location: Plot 1c, Martin Road, Tremorfa Industrial Estate, Tremorfa, Cardiff, CF24 5SD Operator Name: Bayliss Recovery Limited Operator Location: Not Supplied Authority: Natural Resources Wales Site Category: Metal Recycling Sites (Vehicle Dismantlers) **Licence Status: Issued** Issued: 9th September 2015 Last Modified: Not Supplied Expires: Not Supplied Suspended: Not Supplied Revoked: Not Supplied Surrendered: Not Supplied IPPC Reference: Not Supplied Positional Accuracy: Located by supplier to within 10m	A13NE (NE)	88	3	321044 175745
73	**Licensed Waste Management Facilities (Locations)** Licence Number: 30303 Location: Unit 6, Martin Road, Tremorfa, Cardiff Operator Name: Action Environmental Waste Management Ltd Operator Location: Unit 6, Tremorfa Industrial Estate, Tremorfa, Cardiff, CF24 5SD Authority: Environment Agency Wales, South East Area Site Category: Household, Commercial And Industrial Transfer Stations **Licence Status: Issued** Issued: 24th February 2004 Last Modified: Not Supplied Expires: Not Supplied Suspended: Not Supplied Revoked: Not Supplied Surrendered: Not Supplied IPPC Reference: Not Supplied Positional Accuracy: Located by supplier to within 100m	A13NE (NE)	110	4	321100 175700
74	**Licensed Waste Management Facilities (Locations)** Licence Number: 30127 Location: 11 Martin Road, Tremorfa Ind Est, Cardiff, Glamorgan, CF24 5SD Operator Name: City Special Waste Ltd Operator Location: Not Supplied Authority: Natural Resources Wales Site Category: Special Waste Transfer Stations **Licence Status: To PPC** Issued: 18th May 1994 Last Modified: 21st June 2000 Expires: Not Supplied Suspended: Not Supplied Revoked: Not Supplied Surrendered: Not Supplied IPPC Reference: PP3739BK Positional Accuracy: Located by supplier to within 10m	A13NE (NE)	161	3	321115 175767
74	**Licensed Waste Management Facilities (Locations)** Licence Number: 30244 Location: Units 12/13, Martin Road, Tremorfa Ind Estate, Cardiff, CF24 5SD Operator Name: Harrison Malcolm David Operator Location: Not Supplied Authority: Natural Resources Wales Site Category: Metal Recycling Sites (Vehicle Dismantlers) **Licence Status: Modified** Issued: 28th September 2001 Last Modified: 14th May 2010 Expires: Not Supplied Suspended: Not Supplied Revoked: Not Supplied Surrendered: Not Supplied IPPC Reference: Not Supplied Positional Accuracy: Located by supplier to within 10m	A13NE (NE)	182	3	321127 175789

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
75	**Licensed Waste Management Facilities (Locations)** Licence Number: 30052 Location: Unit 49, Portmanmoor Road, Portmanmoor Road Ind Est, Cardiff, CF24 5HB Operator Name: Personnel Hygiene Services Ltd Operator Location: Not Supplied Authority: Natural Resources Wales Site Category: Clinical Waste Transfer Stations **Licence Status: Modified** Issued: 4th March 1996 Last Modified: 15th October 2007 Expires: Not Supplied Suspended: Not Supplied Revoked: Not Supplied Surrendered: Not Supplied IPPC Reference: Not Supplied Positional Accuracy: Located by supplier to within 10m	A13SW (W)	218	3	320674 175639
76	**Licensed Waste Management Facilities (Locations)** Licence Number: 30319 Location: E L V Facility, 15 Martin Road , Tremorfa Ind Estate, Cardiff, CF24 5SD Operator Name: Roberts William David Operator Location: Not Supplied Authority: Natural Resources Wales Site Category: End of Life Vehicles **Licence Status: Issued** Issued: 20th May 2004 Last Modified: Not Supplied Expires: Not Supplied Suspended: Not Supplied Revoked: Not Supplied Surrendered: Not Supplied IPPC Reference: Not Supplied Positional Accuracy: Located by supplier to within 10m	A13NE (NE)	247	3	321190 175810
77	**Licensed Waste Management Facilities (Locations)** Licence Number: 30224 Location: Unit 17, Tremorfa Industrial Estate, Tremorfa, Cardiff, CF24 5SD Operator Name: R G F Haulage Ltd Operator Location: Not Supplied Authority: Natural Resources Wales Site Category: Household, Commercial And Industrial Transfer Stations **Licence Status: Modified** Issued: 20th December 2000 Last Modified: 22nd December 2007 Expires: Not Supplied Suspended: Not Supplied Revoked: Not Supplied Surrendered: Not Supplied IPPC Reference: Not Supplied Positional Accuracy: Located by supplier to within 10m	A13NE (NE)	277	3	321252 175782
77	**Licensed Waste Management Facilities (Locations)** Licence Number: 900084 Location: Unit 16a, Martin Rd, Tremorfa Ind Est, Cardiff, CF24 5SD Operator Name: Lory Robert Operator Location: Not Supplied Authority: Natural Resources Wales Site Category: Vehicle depollution facility **Licence Status: Issued** Issued: 18th June 2014 Last Modified: Not Supplied Expires: Not Supplied Suspended: Not Supplied Revoked: Not Supplied Surrendered: Not Supplied IPPC Reference: Not Supplied Positional Accuracy: Located by supplier to within 10m	A13NE (NE)	294	3	321238 175823
78	**Licensed Waste Management Facilities (Locations)** Licence Number: 30238 Location: Unit 16, Tremorfa Industrial Estate, Rover Way, Cardiff, CF24 5SD Operator Name: Bill Way & Co Ltd Operator Location: Not Supplied Authority: Natural Resources Wales Site Category: Metal Recycling Sites (Vehicle Dismantlers) **Licence Status: Modified** Issued: 17th January 2001 Last Modified: 9th September 2010 Expires: Not Supplied Suspended: Not Supplied Revoked: Not Supplied Surrendered: Not Supplied IPPC Reference: Not Supplied Positional Accuracy: Located by supplier to within 10m	A13NE (NE)	287	3	321181 175890

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
79	**Licensed Waste Management Facilities (Locations)** Licence Number: 30377 Location: Unit K1, South Point Industrial Estate, Foreshore Road, Cardiff, Glamorgan, CF10 4SP Operator Name: Telluric Land Remediation Ltd Operator Location: Not Supplied Authority: Natural Resources Wales Site Category: Mobile Plant **Licence Status: Surrendered** Issued: 13th October 2005 Last Modified: Not Supplied Expires: Not Supplied Suspended: Not Supplied Revoked: Not Supplied Surrendered: 4th October 2006 IPPC Reference: Not Supplied Positional Accuracy: Manually positioned to the address or location	A8NW (S)	375	3	320841 175203
79	**Licensed Waste Management Facilities (Locations)** Licence Number: 30375 Location: Unit K1, South Point Industrial Estate, Foreshore Road, Cardiff, CF10 4SP Operator Name: Telluric Land Remediation Ltd Operator Location: Not Supplied Authority: Natural Resources Wales Site Category: Mobile Plant **Licence Status: Modified** Issued: 20th September 2005 Last Modified: 8th June 2006 Expires: Not Supplied Suspended: Not Supplied Revoked: Not Supplied Surrendered: Not Supplied IPPC Reference: Not Supplied Positional Accuracy: Manually positioned to the address or location	A8NW (S)	375	3	320841 175203
79	**Licensed Waste Management Facilities (Locations)** Licence Number: 30291 Location: Unit K1, South Point Industrial Estate, Foreshore, Cardiff, Glamorgan, CF10 4SP Operator Name: Telluric Ltd : Licence No 9 Operator Location: Not Supplied Authority: Natural Resources Wales Site Category: Mobile Plant **Licence Status: Surrendered** Issued: 12th June 2003 Last Modified: Not Supplied Expires: Not Supplied Suspended: Not Supplied Revoked: Not Supplied Surrendered: 1st December 2010 IPPC Reference: Not Supplied Positional Accuracy: Manually positioned to the address or location	A8NW (S)	375	3	320841 175203
79	**Licensed Waste Management Facilities (Locations)** Licence Number: 30285 Location: Unit K1, South Point Industrial Estate, Foreshore, Cardiff, Glamorgan, CF10 4SP Operator Name: Telluric Ltd : Licence No 8 Operator Location: Not Supplied Authority: Natural Resources Wales Site Category: Mobile Plant **Licence Status: Surrendered** Issued: 25th February 2003 Last Modified: Not Supplied Expires: Not Supplied Suspended: Not Supplied Revoked: Not Supplied Surrendered: 1st December 2010 IPPC Reference: Not Supplied Positional Accuracy: Manually positioned to the address or location	A8NW (S)	375	3	320841 175203

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
79	**Licensed Waste Management Facilities (Locations)** Licence Number: 30282 Location: Unit K1, South Point Industrial Estate, Foreshore, Cardiff, Glamorgan, CF10 4SP Operator Name: Telluric Ltd : Licence No 7 Operator Location: Not Supplied Authority: Natural Resources Wales Site Category: Mobile Plant **Licence Status: Surrendered** Issued: 9th October 2002 Last Modified: Not Supplied Expires: Not Supplied Suspended: Not Supplied Revoked: Not Supplied Surrendered: 1st December 2010 IPPC Reference: Not Supplied Positional Accuracy: Manually positioned to the address or location	A8NW (S)	375	3	320841 175203
79	**Licensed Waste Management Facilities (Locations)** Licence Number: 30260 Location: Unit K1, South Point Industrial Estate, Foreshore, Cardiff, Glamorgan, CF10 4SP Operator Name: Telluric Ltd Operator Location: Not Supplied Authority: Natural Resources Wales Site Category: Mobile Plant **Licence Status: Surrendered** Issued: 27th September 2002 Last Modified: Not Supplied Expires: Not Supplied Suspended: Not Supplied Revoked: Not Supplied Surrendered: 1st December 2010 IPPC Reference: Not Supplied Positional Accuracy: Manually positioned to the address or location	A8NW (S)	375	3	320841 175203
79	**Licensed Waste Management Facilities (Locations)** Licence Number: 30252 Location: Unit K1, South Point Industrial Estate, Foreshore, Cardiff, Glamorgan, CF10 4SP Operator Name: Telluric Ltd : Licence No 4 Operator Location: Not Supplied Authority: Natural Resources Wales Site Category: Mobile Plant **Licence Status: Surrendered** Issued: 1st July 2002 Last Modified: Not Supplied Expires: Not Supplied Suspended: Not Supplied Revoked: Not Supplied Surrendered: 8th August 2008 IPPC Reference: Not Supplied Positional Accuracy: Manually positioned to the address or location	A8NW (S)	375	3	320841 175203
80	**Licensed Waste Management Facilities (Locations)** Licence Number: 30093 Location: Tremorfa Melt Shop, Seawall Road, Cardiff, CF24 2TH Operator Name: Celsa Manufacturing U K Ltd Operator Location: Not Supplied Authority: Natural Resources Wales Site Category: Physical Treatment Facilities **Licence Status: Modified** Issued: 7th May 1993 Last Modified: 24th April 2012 Expires: Not Supplied Suspended: Not Supplied Revoked: Not Supplied Surrendered: Not Supplied IPPC Reference: Not Supplied Positional Accuracy: Located by supplier to within 10m	A18SE (NE)	420	3	321194 176050

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
81	**Licensed Waste Management Facilities (Locations)** Licence Number: 900159 Location: Roath Dock, Cardiff, CF10 4ED Operator Name: South West Wood Products Limited Operator Location: Not Supplied Authority: Natural Resources Wales Site Category: Treatment of waste wood <75000 tps **Licence Status: Issued** Issued: 25th September 2015 Last Modified: Not Supplied Expires: Not Supplied Suspended: Not Supplied Revoked: Not Supplied Surrendered: Not Supplied IPPC Reference: Not Supplied Positional Accuracy: Manually positioned within the geographical locality	A7NE (SW)	491	3	320600 175177
82	**Licensed Waste Management Facilities (Locations)** Licence Number: 900182 Location: Land Off Old Clipper Road, Cardiff Bay, Cardiff, CF10 4LX Operator Name: Horan Construction Limited Operator Location: Not Supplied Authority: Natural Resources Wales Site Category: Not Supplied **Licence Status: Issued** Issued: 27th October 2015 Last Modified: Not Supplied Expires: Not Supplied Suspended: Not Supplied Revoked: Not Supplied Surrendered: Not Supplied IPPC Reference: Not Supplied Positional Accuracy: Located by supplier to within 10m	A8NW (SW)	580	3	320638 175052
83	**Licensed Waste Management Facilities (Locations)** Licence Number: 30322 Location: European Metal Recycling Ltd, Dowlais Wharf, Roath Dock, Cardiff, CF10 4ED Operator Name: European Metal Recycling Ltd Operator Location: Not Supplied Authority: Natural Resources Wales Site Category: Metal Recycling Sites (Vehicle Dismantlers) **Licence Status: Modified** Issued: 14th November 2005 Last Modified: 11th December 2009 Expires: Not Supplied Suspended: Not Supplied Revoked: Not Supplied Surrendered: Not Supplied IPPC Reference: Not Supplied Positional Accuracy: Located by supplier to within 10m	A7NE (SW)	609	3	320364 175263
84	**Licensed Waste Management Facilities (Locations)** Licence Number: 101251 Location: Roath Dock, Dowlais Wharf, Cardiff, CF10 5ED Operator Name: European Metal Recycling Ltd Operator Location: Not Supplied Authority: Natural Resources Wales Site Category: Metal recycling site **Licence Status: Modified** Issued: 26th February 2010 Last Modified: 1st December 2011 Expires: Not Supplied Suspended: Not Supplied Revoked: Not Supplied Surrendered: Not Supplied IPPC Reference: Not Supplied Positional Accuracy: Located by supplier to within 100m	A7NE (SW)	697	3	320300 175200

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
85	**Licensed Waste Management Facilities (Locations)** Licence Number: 102966 Location: 43 Portmanmoor Road Ind Est , Cardiff, CF24 5HB Operator Name: Moorland Environmental Limited Operator Location: Not Supplied Authority: Natural Resources Wales Site Category: HCI Waste TS + asbestos **Licence Status: Issued** Issued: 27th July 2011 Last Modified: Not Supplied Expires: Not Supplied Suspended: Not Supplied Revoked: Not Supplied Surrendered: Not Supplied IPPC Reference: Not Supplied Positional Accuracy: Located by supplier to within 10m	A17SE (NW)	735	3	320369 176178
86	**Licensed Waste Management Facilities (Locations)** Licence Number: 30006 Location: Old Clipper Road, Roath Dock, Cardiff, CF10 4LX Operator Name: Seaport Environmental Ltd (p P C) Lp3135sb / Jp3231sw Operator Location: Not Supplied Authority: Natural Resources Wales Site Category: Physico-chemical Treatment Facilities **Licence Status: Closed** Issued: 3rd January 1978 Last Modified: 11th July 2003 Expires: Not Supplied Suspended: Not Supplied Revoked: Not Supplied Surrendered: Not Supplied IPPC Reference: LP3135SB Positional Accuracy: Located by supplier to within 10m	A7SE (SW)	782	3	320438 174935
87	**Licensed Waste Management Facilities (Locations)** Licence Number: 30190 Location: Nation Wide Works, Viking Place, Roath Docks, Cardiff, CF10 4TS Operator Name: Biffa Waste Management Ltd Operator Location: Not Supplied Authority: Natural Resources Wales Site Category: Household, Commercial And Industrial Transfer Stations **Licence Status: Issued** Issued: 23rd August 1996 Last Modified: Not Supplied Expires: Not Supplied Suspended: Not Supplied Revoked: Not Supplied Surrendered: Not Supplied IPPC Reference: Not Supplied Positional Accuracy: Located by supplier to within 10m	A8SW (S)	785	3	320830 174792
88	**Licensed Waste Management Facilities (Locations)** Licence Number: 30093 Location: Cardiff Millscale Services, Rover Way, Cardiff Foreshore, Cardiff, CF1 5UX Operator Name: Simsmetal U K Ltd Operator Location: Long Marston, Stratford Upon Avon, Warwickshire, CU37 8AQ Authority: Environment Agency Wales, South East Area Site Category: Metal Recycling Sites (Mixed) **Licence Status: Modified** Issued: 7th May 1993 Last Modified: 28th August 2002 Expires: Not Supplied Suspended: Not Supplied Revoked: Not Supplied Surrendered: Not Supplied IPPC Reference: Not Supplied Positional Accuracy: Located by supplier to within 10m	A19NW (NE)	851	4	321458 176392
89	**Licensed Waste Management Facilities (Locations)** Licence Number: 30124 Location: Land/ Premises At, Rover Way, Cardiff, CF24 2RX Operator Name: Sims Group U K Ltd Operator Location: Not Supplied Authority: Natural Resources Wales Site Category: Metal Recycling Sites (Mixed) **Licence Status: Modified** Issued: 22nd January 1996 Last Modified: 21st September 2010 Expires: Not Supplied Suspended: Not Supplied Revoked: Not Supplied Surrendered: Not Supplied IPPC Reference: Not Supplied Positional Accuracy: Located by supplier to within 10m	A19NW (NE)	951	3	321617 176392

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	Local Authority Landfill Coverage Name: Cardiff Council - Has no landfill data to supply		0	6	320951 175633
90	**Potentially Infilled Land (Non-Water)** Bearing Ref: N Use: Unknown Filled Ground (Pit, quarry etc) Date of Mapping: 1989	A18SE (N)	322	-	321028 176022
91	**Potentially Infilled Land (Non-Water)** Bearing Ref: W Use: Unknown Filled Ground (Pit, quarry etc) Date of Mapping: 1989	A12NW (W)	690	-	320202 175661
92	**Potentially Infilled Land (Non-Water)** Bearing Ref: NW Use: Unknown Filled Ground (Pit, quarry etc) Date of Mapping: 1989	A17SW (NW)	896	-	320129 176102
93	**Potentially Infilled Land (Water)** Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1922	A13SW (E)	0	-	320951 175633
94	**Potentially Infilled Land (Water)** Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1922	A13NW (NW)	197	-	320774 175821
95	**Potentially Infilled Land (Water)** Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1886	A13NW (W)	206	-	320711 175723
96	**Potentially Infilled Land (Water)** Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1886	A13NW (NW)	222	-	320738 175808
97	**Potentially Infilled Land (Water)** Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1886	A13SW (SW)	260	-	320683 175414
98	**Potentially Infilled Land (Water)** Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1886	A12SE (SW)	385	-	320586 175335
99	**Potentially Infilled Land (Water)** Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1901	A12SE (W)	393	-	320508 175473
100	**Potentially Infilled Land (Water)** Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1886	A12NE (NW)	460	-	320548 175957
101	**Potentially Infilled Land (Water)** Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1886	A17SE (NW)	462	-	320572 176002
102	**Potentially Infilled Land (Water)** Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1922	A18SW (NW)	467	-	320645 176076
103	**Potentially Infilled Land (Water)** Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1922	A18SW (N)	482	-	320796 176173
104	**Potentially Infilled Land (Water)** Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1886	A17SE (NW)	489	-	320593 176058
105	**Potentially Infilled Land (Water)** Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1886	A17SE (NW)	495	-	320577 176052
106	**Potentially Infilled Land (Water)** Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1886	A12NE (NW)	497	-	320481 175912
107	**Potentially Infilled Land (Water)** Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1922	A18SE (N)	585	-	320982 176296
108	**Potentially Infilled Land (Water)** Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1886	A18SE (NE)	627	-	321243 176260

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
109	**Potentially Infilled Land (Water)** Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1922	A8NE (S)	632	-	321196 174998
110	**Potentially Infilled Land (Water)** Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1922	A12NE (NW)	646	-	320316 175918
111	**Potentially Infilled Land (Water)** Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1922	A12NW (W)	668	-	320284 175899
112	**Potentially Infilled Land (Water)** Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1922	A12NE (NW)	671	-	320296 175935
113	**Potentially Infilled Land (Water)** Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1922	A12NW (NW)	679	-	320277 175912
114	**Potentially Infilled Land (Water)** Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1886	A12SW (W)	696	-	320224 175362
115	**Potentially Infilled Land (Water)** Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1951	A18NE (N)	719	-	321200 176382
116	**Potentially Infilled Land (Water)** Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1885	A7NW (SW)	734	-	320261 175192
117	**Potentially Infilled Land (Water)** Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1901	A7NW (SW)	735	-	320204 175306
118	**Potentially Infilled Land (Water)** Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1901	A18NW (N)	745	-	320638 176395
119	**Potentially Infilled Land (Water)** Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1885	A7NW (SW)	754	-	320273 175138
120	**Potentially Infilled Land (Water)** Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1951	A18NE (N)	794	-	321232 176450
121	**Potentially Infilled Land (Water)** Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1901	A17SW (NW)	797	-	320192 176008
122	**Potentially Infilled Land (Water)** Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1901	A12SW (W)	799	-	320107 175404
123	**Potentially Infilled Land (Water)** Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1886	A17NE (NW)	802	-	320427 176330
124	**Potentially Infilled Land (Water)** Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1886	A12SW (W)	805	-	320094 175437
125	**Potentially Infilled Land (Water)** Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1901	A12NW (W)	811	-	320150 175952
126	**Potentially Infilled Land (Water)** Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1951	A18NE (N)	817	-	321158 176499
127	**Potentially Infilled Land (Water)** Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1951	A18NE (N)	819	-	321141 176506
128	**Potentially Infilled Land (Water)** Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1886	A17NE (NW)	824	-	320459 176383
129	**Potentially Infilled Land (Water)** Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1886	A12SW (W)	829	-	320059 175590

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
130	**Potentially Infilled Land (Water)** Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1901	A7NW (SW)	833	-	320166 175159
131	**Potentially Infilled Land (Water)** Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1901	A12NW (NW)	837	-	320132 175975
132	**Potentially Infilled Land (Water)** Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1886	A17NE (NW)	847	-	320499 176437
133	**Potentially Infilled Land (Water)** Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1922	A18NE (N)	847	-	321043 176553
134	**Potentially Infilled Land (Water)** Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1901	A18NW (N)	859	-	320703 176539
135	**Potentially Infilled Land (Water)** Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1886	A17SW (NW)	867	-	320115 176011
136	**Potentially Infilled Land (Water)** Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1922	A18NW (N)	869	-	320815 176573
137	**Potentially Infilled Land (Water)** Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1886	A17SE (NW)	876	-	320306 176319
138	**Potentially Infilled Land (Water)** Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1901	A18NW (N)	879	-	320765 176575
139	**Potentially Infilled Land (Water)** Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1885	A7NW (SW)	886	-	320165 175062
140	**Potentially Infilled Land (Water)** Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1922	A18NE (N)	890	-	320990 176601
141	**Potentially Infilled Land (Water)** Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1886	A17NE (NW)	899	-	320356 176398
142	**Potentially Infilled Land (Water)** Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1901	A7NW (SW)	903	-	320108 175118
143	**Potentially Infilled Land (Water)** Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1922	A19NW (NE)	919	-	321562 176399
144	**Potentially Infilled Land (Water)** Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1901	A7NW (SW)	919	-	320045 175208
145	**Potentially Infilled Land (Water)** Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1886	A17NE (NW)	924	-	320502 176527
146	**Potentially Infilled Land (Water)** Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1901	A17NE (N)	943	-	320569 176581
147	**Potentially Infilled Land (Water)** Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1886	A12NW (W)	947	-	319949 175713
148	**Potentially Infilled Land (Water)** Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1886	A7NW (W)	948	-	319981 175298
149	**Potentially Infilled Land (Water)** Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1951	A18NE (N)	956	-	321178 176638
150	**Potentially Infilled Land (Water)** Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1922	A18NE (N)	960	-	321178 176643

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
151	**Potentially Infilled Land (Water)** Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1922	A3NE (S)	962	-	320976 174615
152	**Potentially Infilled Land (Water)** Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1901	A11SE (W)	997	-	319897 175463
153	**Registered Landfill Sites** Licence Holder: R Bailey Plant (Bedwas) Ltd Licence Reference: 89/01 Site Location: Rear Of Tarmac Topmix Site, Rover Way, Cardiff, South Glamorgan Licence Easting: 321000 Licence Northing: 175600 Operator Location: Bedwas House, Newport, Gwent Authority: Environment Agency Wales, South East Area Site Category: Landfill Max Input Rate: Undefined Waste Source Restrictions: No known restriction on source of waste Status: Licence lapsed/cancelled/defunct/not applicable/surrenderedCancelled Dated: Not Supplied Preceded By Licence: Not Given Superseded By Licence: Not Given Positional Accuracy: Manually positioned to the road within the address or location Boundary Accuracy: Not Applicable Authorised Waste: Brok.Concrete/Bricks/Hardcore/Rubble Nat.Occ. Soils/Clays/Gravels/Rocks Prohibited Waste: Liquid Wastes Special Wastes	A13SW (E)	0	4	320951 175633
154	**Registered Landfill Sites** Licence Holder: W T Davies (Transport) Ltd Licence Reference: 1/84 Site Location: Rover Way, (Adj. Tarmac Topmix), Tremorfa, Cardiff, South Glamorgan Licence Easting: 321000 Licence Northing: 175600 Operator Location: As Site Address Authority: Environment Agency Wales, South East Area Site Category: Landfill Max Input Rate: Undefined Waste Source Restrictions: No known restriction on source of waste Status: Licence lapsed/cancelled/defunct/not applicable/surrenderedCancelled Dated: Not Supplied Preceded By Licence: Not Given Superseded By Licence: Not Given Positional Accuracy: Manually positioned to the address or location Boundary Accuracy: Not Applicable Authorised Waste: Constr'N/Demol. Inert/Non-Haz/Non-Tox	A13SE (SE)	1	4	321000 175600
155	**Registered Landfill Sites** Licence Holder: B.S.C. Welsh Div. Licence Reference: 2/77 Site Location: Cardiff Foreshore At.Rover Way, Cardiff, South Glamorgan Licence Easting: 321200 Licence Northing: 175600 Operator Location: As Site Address Authority: Environment Agency Wales, South East Area Site Category: Landfill Max Input Rate: Undefined Waste Source Restrictions: No known restriction on source of waste Status: Licence lapsed/cancelled/defunct/not applicable/surrenderedCancelled Dated: 1st August 1977 Preceded By Licence: Not Given Superseded By Licence: Not Given Positional Accuracy: Manually positioned to the road within the address or location Boundary Accuracy: Not Applicable Authorised Waste: Iron/Steel Manufacturing Wastes Slag, Boiler/Flue Cleanings	A13SE (E)	70	4	321101 175614

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
156	**Registered Landfill Sites** Licence Holder: Allied Steel And Wire Licence Reference: 3/81 Site Location: Cardiff Foreshore, Rover Way, Cardiff, South Glamorgan Licence Easting: 321100 Licence Northing: 175600 Operator Location: Po Box 83, Castle Works, Cardiff, South Glamorgan Authority: Environment Agency Wales, South East Area Site Category: Landfill Max Input Rate: Undefined Waste Source Restrictions: Waste produced/controlled by licence holder Status: Licence lapsed/cancelled/defunct/not applicable/surrenderedCancelled Dated: 1st October 1981 Preceded By Licence: Not Given Superseded By Licence: Not Given Positional Accuracy: Manually positioned to the address or location Boundary Accuracy: Not Applicable Authorised Waste: Constr'N/Demol. Inert/Non-Haz/Non-Tox Iron/Steel Manufacturing Wastes Slag, Boiler/Flue Cleanings	A13SE (E)	71	4	321100 175600
157	**Registered Landfill Sites** Licence Holder: Slag Reduction Company (Cardiff) Ltd Licence Reference: 4/77 Site Location: Cardiff Foreshore., Rover Way, Cardiff, South Glamorgan Licence Easting: 321300 Licence Northing: 176100 Operator Location: As Site Address Authority: Environment Agency Wales, South East Area Site Category: Landfill Max Input Rate: Undefined Waste Source Restrictions: No known restriction on source of waste Status: Record supersededSuperseded Dated: 1st August 1977 Preceded By Licence: Not Given Superseded By Licence: 93/2 Positional Accuracy: Manually positioned to the address or location Boundary Accuracy: Not Applicable Authorised Waste: Iron/Steel Manufacturing Wastes Slag, Boiler/Flue Cleanings	A19SW (NE)	522	4	321300 176100
158	**Registered Landfill Sites** Licence Holder: Allied Steel & Wire Ltd Licence Reference: 88/09 Site Location: Behind Slag Reduction, Rover Way, Cardiff, South Glamorgan Licence Easting: 321470 Licence Northing: 175950 Operator Location: Po Box 83, Castle Works, Cardiff, South Glamorgan Authority: Environment Agency Wales, South East Area Site Category: Landfill Max Input Rate: Undefined Waste Source Restrictions: Waste produced/controlled by licence holder Status: Licence lapsed/cancelled/defunct/not applicable/surrenderedCancelled Dated: 1st June 1988 Preceded By Licence: Not Given Superseded By Licence: Not Given Positional Accuracy: Manually positioned to the address or location Boundary Accuracy: Not Applicable Authorised Waste: Flue Dust From Arrestment Apparatus Non-Tox.Inert Solids From Demolition Residue Ex Recov'Y Of Steel From Slag Slag & Scale Ex Iron/Steel Manuf. Prohibited Waste: Waste N.O.S.	A14NW (NE)	553	4	321470 175950

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
159	**Registered Landfill Sites** Licence Holder: Welsh Development Agency Licence Reference: 1/82 Site Location: Tremorfa Foreshore, Rover Way, Cardiff, South Glamorgan Licence Easting: 321000 Licence Northing: 175000 Operator Location: Treforest Industrial Estate, Pontypridd, Mid Glamorgan Authority: Environment Agency Wales, South East Area Site Category: Landfill Max Input Rate: Undefined Waste Source Restrictions: No known restriction on source of waste Status: Licence lapsed/cancelled/defunct/not applicable/surrenderedCancelled Dated: Not Supplied Preceded By Licence: Not Given Superseded By Licence: Not Given Positional Accuracy: Manually positioned to the address or location Boundary Accuracy: Not Applicable Authorised Waste: Blast Furnace Dust Chain Dust Fume Cleaning Oxide	A8NE (S)	586	4	321000 175000
160	**Registered Landfill Sites** Licence Holder: Birds Shredded Products Licence Reference: 4/81 Site Location: East Foreshore, Rover Way, Cardiff, South Glamorgan Licence Easting: 321560 Licence Northing: 176300 Operator Location: Rover Way, Tremorfa, CARDIFF, South Glamorgan, CF1 5UX Authority: Environment Agency Wales, South East Area Site Category: Landfill Max Input Rate: Undefined Waste Source Restrictions: Waste produced/controlled by licence holder Status: Record supersededSuperseded Dated: Not Supplied Preceded By Licence: Not Given Superseded By Licence: P 3 (94/04) Positional Accuracy: Manually positioned to the address or location Boundary Accuracy: Not Applicable Authorised Waste: Iron/Steel Manufacturing Wastes Slag, Boiler/Flue Cleanings	A19SW (NE)	845	4	321560 176300
160	**Registered Landfill Sites** Licence Holder: G.J.N. S Wales Ltd Licence Reference: 3/77 Site Location: Cardiff Foreshore Adj.Rover Way, Cardiff, South Glamorgan Licence Easting: 321600 Licence Northing: 176300 Operator Location: Castle Works, Cardiff, South Glamorgan Authority: Environment Agency Wales, South East Area Site Category: Landfill Max Input Rate: Undefined Waste Source Restrictions: No known restriction on source of waste Status: Licence lapsed/cancelled/defunct/not applicable/surrenderedCancelled Dated: 1st August 1977 Preceded By Licence: Not Given Superseded By Licence: Not Given Positional Accuracy: Manually positioned to the road within the address or location Boundary Accuracy: Not Applicable Authorised Waste: Iron/Steel Manufacturing Wastes Slag, Boiler/Flue Cleanings	A19SW (NE)	873	4	321600 176300

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
161	**Registered Waste Transfer Sites** Licence Holder: City Special Waste Ltd Licence Reference: 94/07 Site Location: 11 Martin Road, Tremorfa Industrial Estate, Rover Way, CARDIFF, South Glamorgan, CF2 Operator Location: 11 Martin Road, Tremorfa Industrial Estate, Rover Way, CARDIFF, South Glamorgan, CF2 Authority: Environment Agency Wales, South East Area Site Category: Transfer Max Input Rate: Small (Equal to or greater than 10,000 and less than 25,000 tonnes per year) Waste Source Restrictions: No known restriction on source of waste Licence Status: Operational as far as is knownOperational Dated: 21st June 2000 Preceded By Licence: 94/06 Superseded By Licence: Not Given Positional Accuracy: Manually positioned to the address or location Boundary Quality: Not Supplied Authorised Waste: Animal Carcasses Asbestos (Bonded & Fibrous) Building & Demolition Wastes Car & Commercial Tyres Clinical Waste Grps B, D Domestic & Commercial Waste Drummed Special Waste (As In Epa 1990:S62 Of 1996 Regs) Fluorescent Tubes Gas Cylinders Industrial Waste Laboratory Smalls Lead/Acid Batteries Maximum Storage In Licence Maximum Waste Permitted By Licence Soil Contam. With Oil(Max 10%)/Asbestos/Heavy Metals/Chemicals - Incl> Special Waste Special Waste (As In Epa 1990:S62 Of 1996 Regs) - Comprising Prohibited Waste: Material With Haz.Code H 1 - Explosive Material With Haz.Code H 3a - Highly Flammable Material With Haz.Code H 3b - Flammable Material With Haz.Code H 7 - Carcinogenic Material With Haz.Code H10 - Teratogenic Material With Haz.Code H11 - Mutagenic Material With Haz.Code H12 - Can Release Toxic Gases Odorous Wastes (Unless In Sealed Containers) Other Waste/Waste Not Otherwise Specified Waste Liable To Attract Scavengers Wastes Likely To Create Litter (Unless In Sealed Containers)	A13NE (NE)	158	4	321120 175750
161	**Registered Waste Transfer Sites** Licence Holder: N Young t/a City Special Waste Licence Reference: T18 (94/07) Site Location: 11 Martin Road, Tremorfa Industrial Estate, Tremofa, CARDIFF, South Glamorgan, CF2 2SD Operator Location: As Site Address Authority: Environment Agency Wales, South East Area Site Category: Transfer Max Input Rate: Very Small (Less than 10,000 tonnes per year) Waste Source Restrictions: No known restriction on source of waste Licence Status: Record supersededSuperseded Dated: 18th May 1994 Preceded By Licence: Not Given Superseded By Licence: 94/07 Positional Accuracy: Manually positioned to the address or location Boundary Quality: Not Supplied Authorised Waste: Asbestos Asbestos Cement Products Max.Storage Capacity In Licence Prohibited Waste: Any Waste Other Than Above	A13NE (NE)	158	4	321120 175750

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
161	**Registered Waste Transfer Sites** Licence Holder: N Young t/a City Salvage Ltd Licence Reference: 94/06 Site Location: 11 Martin Road, Tremorfa Industrial Estate, Rover Way, CARDIFF, South Glamorgan, CF2 Operator Location: As Site Address Authority: Environment Agency Wales, South East Area Site Category: Transfer Max Input Rate: Large (Equal to or greater than 75,000 and less than 250,000 tonnes per year) Waste Source Restrictions: No known restriction on source of waste Licence Status: Record supersededSuperseded Dated: 1st May 1994 Preceded By Licence: Not Given Superseded By Licence: 94/07 Positional Accuracy: Manually positioned to the address or location Boundary Quality: Not Supplied Authorised Waste: Building And Demolition Wastes Electrical Waste Machinery Max.Storage Capacity In Licence Plastics Scrap Metals Prohibited Waste: Batteries Free Flammable Solvents Liquid Wastes Pcb'S Special Wastes Tyres	A13NE (NE)	158	4	321120 175750
162	**Registered Waste Transfer Sites** Licence Holder: Personnel Hygiene Services Ltd Licence Reference: T13 (91/08) Site Location: Unit 49 Portmanmoor Road Ind. Estate, CARDIFF, South Glamorgan, CF2 2FX Operator Location: PO Box 251, Longmoore Street, LONDON, Greater London, SW1V 1JJ Authority: Environment Agency Wales, South East Area Site Category: Transfer Max Input Rate: Very Small (Less than 10,000 tonnes per year) Waste Source Restrictions: No known restriction on source of waste Licence Status: Operational as far as is knownOperational Dated: 4th March 1996 Preceded By Licence: 91/08 Superseded By Licence: Not Given Positional Accuracy: Manually positioned to the address or location Boundary Quality: Not Supplied Authorised Waste: Clinical Waste Grp Aa Clinical Waste Grp Ab Clinical Waste Grp Ac Clinical Waste Grp B Clinical Waste Grp C Clinical Waste Grp D Clinical Waste Grp E Max.Waste Permitted By Licence Sanitary Towels/Tampons Prohibited Waste: Liquid Waste N.O.S. Matl Contam.Notif.Disease(Unless Ster' Special Wastes N.O.S. Waste N.O.S.	A13SW (W)	218	4	320670 175600

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
162	**Registered Waste Transfer Sites** Licence Holder: Personnel Hygiene Services Ltd Licence Reference: 91/08 Site Location: Unit 49 Portmanmoor Road Ind. Estate, CARDIFF, South Glamorgan, CF2 2FX Operator Location: As Site Address Authority: Environment Agency Wales, South East Area Site Category: Transfer Max Input Rate: Very Small (Less than 10,000 tonnes per year) Waste Source Restrictions: No known restriction on source of waste Licence Status: Record supersededSuperseded Dated: 27th November 1991 Preceded By Licence: Not Given Superseded By Licence: T13 (91/08) Positional Accuracy: Manually positioned to the address or location Boundary Quality: Not Supplied Authorised Waste: Clinical Wastes, Including Sanitary Towel/Tampon/Other Max.Stor Sharps Max.Stor Prohibited Waste: Flammable Wastes Oil Containing Pcb'S And Analogues Percussive Waste Radioactive Wastes Special Wastes	A13SW (W)	218	4	320670 175600
163	**Registered Waste Transfer Sites** Licence Holder: Marlee Metals & Skip Hire Ltd Licence Reference: EAWML30224 Site Location: Unit 17 Tremorfa Industrial Estate, off Martin Road, CARDIFF, South Glamorgan, CF2 2SD Operator Location: 8 Gilbert Place, Mynachdy, CARDIFF, South Glamorgan, CF4 3HF Authority: Environment Agency Wales, South East Area Site Category: Transfer Max Input Rate: Small (Equal to or greater than 10,000 and less than 25,000 tonnes per year) Waste Source Restrictions: No known restriction on source of waste Licence Status: Operational as far as is knownOperational Dated: 19th December 2000 Preceded By Licence: Not Given Superseded By Licence: Not Given Positional Accuracy: Positioned by the supplier Boundary Quality: Good Authorised Waste: Degradable Household/Commercial/Industrial Waste (As In Post'98 E.A.Lics And Equivalent To 22.09.00) Maximum Waste Permitted By Licence Ukw 21.00.00 Inert Materials Ukw 22.00.00 General & Biodegradable Waste - Including Ukw 23.00.00 Metals & Discarded/Scrap Composite Equipment Ukw 24.00.00 Contaminated General Waste Prohibited Waste: Other Waste / Waste Not Otherwise Specified Special Waste (As In Epa 1990:S62 Of 1996 Regs) Ukw 25.00.00 Healthcare Risk Waste Ukw 26.00.00 Asbestos Waste Ukw 27.00.00 Mineral Wastes/Residues From Thermal Processes Not Listed Elsewhere Ukw 28.00.00 Inorganic Chemical Wastes Ukw 29.00.00 Organic Chemical Wastes Ukw 30.00.00 Mixed Chemical Smalls Ukw 31.00.00 Radioactive Waste Ukw 32.00.00 Explosive Waste Waste Solely/Mainly Finely Divided Metals Or Dusts/Powders/Loose Fibres	A13NE (NE)	290	4	321258 175795

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
164	**Registered Waste Transfer Sites** Licence Holder: Slag Reduction Company (Cardiff) Ltd Licence Reference: T 9 (93/2) Site Location: Foreshore Site Rover Way, Tremorfa, Cardiff, South Glamorgan Operator Location: As Site Address Authority: Environment Agency Wales, South East Area Site Category: Transfer Max Input Rate: Very Large (Equal to or greater than 250,000 tonnes per year) Waste Source Restrictions: No known restriction on source of waste Licence Status: Record supersededSuperseded Dated: 7th May 1993 Preceded By Licence: 93/2 Superseded By Licence: T 9 (93/2) Positional Accuracy: Manually positioned to the address or location Boundary Quality: Not Supplied Authorised Waste: Cardboard; Construction And Demolition Wastes; Ferrous Swarf (Millscale); Foundry Sand; Furnace Bricks; Oil; Other Ferrous Metal; Other Non-Ferrous Metal; Paper; Plastic; Slags; Tyres; Wood Prohibited Waste: Any Substances In Eec Dir. 80/68; Pumpable Sludges (< 20% Dry Solids); Special Wastes; Waste In Sealed Drums; Waste N.O.S.	A19NW (NE)	812	4	321450 176350
164	**Registered Waste Transfer Sites** Licence Holder: Slag Reduction Company (Cardiff) Ltd Licence Reference: 93/2 Site Location: Foreshore Site Rover Way, Tremorfa, Cardiff, South Glamorgan Operator Location: As Site Address Authority: Environment Agency Wales, South East Area Site Category: Transfer Max Input Rate: Very Large (Equal to or greater than 250,000 tonnes per year) Waste Source Restrictions: No known restriction on source of waste Licence Status: Record supersededSuperseded Dated: 1st May 1993 Preceded By Licence: 4/77 Superseded By Licence: T 9 (93/2) Positional Accuracy: Manually positioned to the address or location Boundary Quality: Not Supplied Authorised Waste: Brick; Demolition Wastes; Ferrous Metal Scrap; Max.Storage In Licence; Non-Ferrous Metal Scrap; Plastic, Wood; Slag; Swarf Prohibited Waste: Pumpable Sludge Wastes; Sealed Drums; Special Wastes	A19NW (NE)	812	4	321450 176350

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
165	**Registered Waste Transfer Sites** Licence Holder: Uk Waste Management Ltd Licence Reference: SEW/202 Site Location: Nationwide Works, Viking Place, Roath Docks, Cardiff, South Glamorgan Operator Location: Gate House, Castle Estate, Turnpike Road, HIGH WYCOMBE, Buckinghamshire, HP12 3NR Authority: Environment Agency Wales, South East Area Site Category: Transfer Max Input Rate: Medium (Equal to or greater than 25,000 and less than 75,000 tonnes per year) Waste Source Restrictions: No known restriction on source of waste Licence Status: Operational as far as is knownOperational Dated: 23rd August 1996 Preceded By Licence: Not Given Superseded By Licence: Not Given Positional Accuracy: Manually positioned to the address or location Boundary Quality: Not Supplied Authorised Waste: Commercial Waste; Constr'N/Demol./Excav. Wastes; Detergents; Difficult Wastes (Wmp.26) As Below; Empty Used Containers; Food Processing Wastes/Starch; Household Waste; Industrial Effluent Treatment Sludge; Industrial Wastes; Inert Waste; Max.Storage In Licence; Max.Waste Input Which May Incl.; Max.Waste Permitted By Licence; Recyclable Wastes; Road Sweeping Sludges; Soap Prohibited Waste: Highly Flam./Lpg Regs'72 Subs; Liquid Waste Incl. Drums Of Liq.Waste; Percussive/Explosive/Similar Waste; Sub'S Control. Radioactive Subs Act'60; Waste N.O.S.	A8SW (S)	880	4	320800 174700
166	**Registered Waste Treatment or Disposal Sites** Licence Holder: H J Lane t/a Tremorfa Autosalvage Licence Reference: S12 (94/02) Site Location: Unit 5 Martin Road, Tremorfa Industrial Estate, CARDIFF, South Glamorgan, CF2 2RX Operator Location: As Site Address Authority: Environment Agency Wales, South East Area Site Category: Scrapyard Max Input Rate: Very Small (Less than 10,000 tonnes per year) Waste Source Restrictions: No known restriction on source of waste Licence Status: Operational as far as is knownOperational Dated: 6th January 1994 Preceded By Licence: Not Given Superseded By Licence: Not Given Positional Accuracy: Manually positioned to the address or location Boundary Quality: Not Supplied Authorised Waste: Max.Waste Permitted By Licence; Oil/Water Mixtures; Scrap Engines; Scrap Tyres; Scrap Vehicles Incl. Undrained Car Batteries Prohibited Waste: Any Metal In Fine Powder Form; Asbestos; Epoxy Resins (Not Finished Prod'S); Insulated Cable; Liquid Waste N.O.S.; Sodium/Potassium; Special Wastes; Trans/Capc(>0.5kg) Cont.Pcbs/Analoges; Waste N.O.S.; Waste With Free Flam.Solvents	A13NE (NE)	11	4	320970 175670

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
167	**Registered Waste Treatment or Disposal Sites** Licence Holder: M Harrison T/A 1st Choice Vehicle Dismant Licence Reference: Eawml30244 Site Location: 1st Choice Vehicle Dismantlers, Units 12/13 Martins Road, Rover Way, Cardiff, South Glamorgan, Cf2 2sd Operator Location: 1st Choice Vehicle Dismantlers, Units 12/13 Martins Road, Rover Way, Cardiff, South Glamorgan, Cf2 2sd Authority: Environment Agency Wales, South East Area Site Category: Scrapyard Max Input Rate: Small (Equal to or greater than 10,000 and less than 25,000 tonnes per year) Waste Source Restrictions: No known restriction on source of waste Licence Status: Operational as far as is knownOperational Dated: 28th September 2001 Preceded By Licence: Not Given Superseded By Licence: Not Given Positional Accuracy: Approximate location provided by supplier Boundary Quality: Not Supplied Authorised Waste: Metal Waste/Scrap Metal (Inferred From Regis Listing) New Licence, Wastes Not To Hand	A13NE (NE)	251	4	321200 175800
168	**Registered Waste Treatment or Disposal Sites** Licence Holder: Bill Way % Co Ltd Licence Reference: EAWML30238 Site Location: Unit 16 Tremorfa Industrial Estate, Rover Way, CARDIFF, South Glamorgan, CF2 2SD Operator Location: Unit 16 Tremorfa Industrial Estate, Rover Way, CARDIFF, South Glamorgan, CF2 2SD Authority: Environment Agency Wales, South East Area Site Category: Scrapyard Max Input Rate: Very Small (Less than 10,000 tonnes per year) Waste Source Restrictions: No known restriction on source of waste Licence Status: Operational as far as is knownOperational Dated: 17th January 2001 Preceded By Licence: Not Given Superseded By Licence: Not Given Positional Accuracy: Positioned by the supplier Boundary Quality: Good Authorised Waste: Maximum Waste Permitted By Licence Vehicles (Incl. Special Waste Which Is Normal / Necessary Part Of Vehicle) Prohibited Waste: Degradable Household/Commercial/Industrial Waste (As In Post'98 E.A.Lics And Equivalent To 22.09.00) Inert Materials (As In Post'98 E.A.Lics And Equivalent To 21.00.00) Other Waste / Waste Not Otherwise Specified Special Waste (As In Epa 1990:S62 Of 1996 Regs) Not Otherwise Specified	A13NE (NE)	272	4	321172 175877
169	**Registered Waste Treatment or Disposal Sites** Licence Holder: T N Smith & Sons (Cardiff) Ltd Licence Reference: S 5 (93/01) Site Location: Clipper Road, Roath Dock, CARDIFF, South Glamorgan, CF1 5LX Operator Location: As Site Address Authority: Environment Agency Wales, South East Area Site Category: Scrapyard Max Input Rate: Large (Equal to or greater than 75,000 and less than 250,000 tonnes per year) Waste Source Restrictions: No known restriction on source of waste Licence Status: Site exempt from licenceExempt Dated: 1st March 1993 Preceded By Licence: Not Given Superseded By Licence: Not Given Positional Accuracy: Manually positioned to the road within the address or location Boundary Quality: Not Supplied Authorised Waste: Machinery Max.Storage In Licence Scrap Metal Prohibited Waste: Batteries Liquids Pcbs Sodium/Potassium Solvents Special Wastes Tyres	A8NW (SW)	531	4	320650 175100

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
170	**Registered Waste Treatment or Disposal Sites** Licence Holder: Allied Metals Ltd Licence Reference: P 3 (94/04) Site Location: Rover Way, Tremorfa, CARDIFF, South Glamorgan, CF1 5UX Operator Location: Atlantech House, Beaufort Square, CHEPSTOW, Gwent, NP6 5EP Authority: Environment Agency Wales, South East Area Site Category: Scrapyard Max Input Rate: Large (Equal to or greater than 75,000 and less than 250,000 tonnes per year) Waste Source Restrictions: No known restriction on source of waste Licence Status: Operational as far as is knownOperational Dated: 12th April 1994 Preceded By Licence: 4/81 Superseded By Licence: Not Given Positional Accuracy: Positioned by the supplier Boundary Quality: Good Authorised Waste: Max.Storage In Licence Max.Waste Permitted By Licence Other Scrap Products Scrap Railway Wagons Scrap Vehicle Shells Trans/Capac (<0.5kg) Attached To Equip Prohibited Waste: Any Metal In Fine Powder Form Elemental Mercury Elemental Sodium/Potassium Liquid Wastes Percussive/Explosive/Similar Waste Sludge Wastes Special Wastes Sub'S Control. Radioactive Subs Act'60 Trans/Cpac'S(>0.5kg) Likely Cont.Pcbs Undrained Vehicles Waste N.O.S.	A19SW (NE)	688	4	321375 176251
171	**Registered Waste Treatment or Disposal Sites** Licence Holder: Caird Environmental Ltd Licence Reference: P 2 (1/78) Site Location: Tank Cleaning Plant At East Quay, Roath Dock, Cardiff, South Glamorgan, Cf1 5lx Operator Location: North Road, Ellesmere Port, Cheshire, Ch65 1aa Authority: Environment Agency Wales, South East Area Site Category: Treatment - Chemical Max Input Rate: Very Small (Less than 10,000 tonnes per year) Waste Source Restrictions: No known restriction on source of waste Licence Status: Licence lapsed/cancelled/defunct/not applicable/surrenderedCancelled Dated: 1st August 1994 Preceded By Licence: 1/78 Superseded By Licence: Not Given Positional Accuracy: Manually positioned to the road within the address or location Boundary Quality: Not Supplied Authorised Waste: Interceptor Pit Wastes Max.Waste Permitted By Licence Oil/Water Mixtures Oily Sludges Comprising Tank Cleaning Sludge Waste Fuel Oil Waste Mineral Oils Prohibited Waste: Any Metal In Fine Powder Form Asbestos Liquid Waste N.O.S. Medical, Surgical, Veterinary Wastes Pcb'S And Analogues Percussive/Explosive/Similar Waste Sodium/Potassium Special Wastes Waste N.O.S.	A7NE (SW)	694	4	320500 175000

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
171	**Registered Waste Treatment or Disposal Sites** Licence Holder: Kinnis & Brown (Chemical Services) Ltd Licence Reference: 1/78 Site Location: Tank Cleaning Plant At East Quay, Roath Dock, Cardiff, South Glamorgan, Cf1 5lx Operator Location: As Site Address Authority: Environment Agency Wales, South East Area Site Category: Treatment - Chemical Max Input Rate: Undefined Waste Source Restrictions: No known restriction on source of waste Licence Status: Record supersededSuperseded Dated: 3rd January 1978 Preceded By Licence: Not Given Superseded By Licence: P 2 (1/78) Positional Accuracy: Manually positioned to the road within the address or location Boundary Quality: Not Supplied Authorised Waste: Oil/Water Mixtures Including Sludges Solvents	A7NE (SW)	694	4	320500 175000
172	**Registered Waste Treatment or Disposal Sites** Licence Holder: Phillip Metals (Europe) Ltd Licence Reference: T 9 (93/2) Site Location: Cardiff Foreshore, Rover Way, Tremorfa, CARDIFF, South Glamorgan, CF1 5UX Operator Location: Allied House, Beaufort Square, CHEPSTOW, Gwent, NP6 5EP Authority: Environment Agency Wales, South East Area Site Category: Transfer - with treatment Max Input Rate: Very Large (Equal to or greater than 250,000 tonnes per year) Waste Source Restrictions: No known restriction on source of waste Licence Status: Operational as far as is knownOperational Dated: 13th March 1998 Preceded By Licence: T 9 (93/2) Superseded By Licence: Not Given Positional Accuracy: Manually positioned to the address or location Boundary Quality: Not Supplied Authorised Waste: Com. & Ind. Waste Max.Stor; Com/Ind.Waste For Auth.Proc. Max.Stor; Ferrous Metals Max.Stor; Foundry Sand For Auth.Proc. Max.Stor; Max.Waste Permitted By Licence; Millscale Max.Stor; Non-Ferrous Metals Max.Stor; Refractory Brick For Auth.Pr' Max.Stor; Unprocessed Slags Max.Stor Prohibited Waste: Healthcare/Clinical Wastes; Liquid/Sludge Wastes; Lpg Cylinders; Putrescible Waste Other Than Wood/Paper/Cardboard; Spec.Waste (Epa'90:S62/1996 Regs); Spec.Waste (Epa'90:S62/1996 Regs)N.O.S; Waste N.O.S.	A19NW (NE)	812	4	321450 176350

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
173	**Control of Major Accident Hazards Sites (COMAH)** Name: Simon Management Ltd Location: Roath Dock, Roath Dock, Cardiff , South Glamorgan , Cf1 , 5us Reference: Not Supplied Type: Upper Tier **Status: Active** Positional Accuracy: Manually positioned within the geographical locality	A7NE (SW)	599	7	320475 175141
174	**Control of Major Accident Hazards Sites (COMAH)** Name: Air Products Plc Location: Roath Dock, Cardiff, CF10 4UU Reference: 1247 Type: Lower Tier **Status: Record Ceased To Be Supplied Under COMAH Regulations** Positional Accuracy: Automatically positioned to the address	A8SW (S)	624	7	320766 174963
175	**Control of Major Accident Hazards Sites (COMAH)** Name: Allied Steel and Wire Ltd Location: Tremorfa Steel Works, PO Box 37, Seawall Road, CARDIFF, South Glamorgan, CF24 5TH Reference: Not Supplied Type: Lower Tier **Status: Record Ceased To Be Supplied Under COMAH Regulations** Positional Accuracy: Automatically positioned to the address	A18SW (N)	633	7	320695 176297
176	**Control of Major Accident Hazards Sites (COMAH)** Name: Valero Logistics Uk Ltd Location: Roath Dock, Roath Dock, Rover Way , Cardiff , South Glamorgan , Cf10 4us Reference: Not Supplied Type: Upper Tier **Status: Active** Positional Accuracy: Manually positioned to the address or location	A8SW (S)	782	7	320628 174838
177	**Control of Major Accident Hazards Sites (COMAH)** Name: Simon Management Ltd Location: Rover Way, CARDIFF, CF10 4US Reference: 1029545 Type: Upper Tier **Status: Active** Positional Accuracy: Automatically positioned to the address	A8SW (S)	858	7	320732 174732
177	**Control of Major Accident Hazards Sites (COMAH)** Name: Gulf Oil (GB) Limited Location: Roath Dock Oil Terminal, CARDIFF, South Glamorgan, CF10 4US Reference: Not Supplied Type: Lower Tier **Status: Record Ceased To Be Supplied Under COMAH Regulations** Positional Accuracy: Automatically positioned to postcode unit of the address	A8SW (S)	859	7	320731 174731
178	**Notification of Installations Handling Hazardous Substances (NIHHS)** Name: Air Products (GB) Limited Location: Roath Dock, The Foreshore, CARDIFF, South Glamorgan, CF10 4UU **Status: Not Active** Positional Accuracy: Automatically positioned to postcode unit of the address	A8SW (S)	629	7	320766 174958
179	**Notification of Installations Handling Hazardous Substances (NIHHS)** Name: Tremorfa Steelworks (Asw Plc) Location: P O Box 37, Tremorfa Works, CARDIFF, South Glamorgan, CF24 5YX **Status: Not Active** Positional Accuracy: Manually positioned within the geographical locality	A18NE (N)	834	7	321236 176492
180	**Notification of Installations Handling Hazardous Substances (NIHHS)** Name: Gulf Oil (GB) Limited Location: Roath Dock Oil Terminal, CARDIFF, South Glamorgan, CF10 4US **Status: Not Active** Positional Accuracy: Automatically positioned to postcode unit of the address	A8SW (S)	864	7	320731 174726
181	**Planning Hazardous Substance Consents** Name: Allied Steel & Wire Ltd Location: Tremorfa Steelworks, Rover Way, Cardiff, South Glamorgan, Cf1 5ux Authority: Cardiff Council, Regulatory Services Application Ref: H/92/00001/R Hazardous Substance: Unknown at time of report Maximum Quantity: 30 Application date: 19th October 1992 **Decision: Deemed Consent GrantedGranted** Positional Accuracy: Manually positioned to the road within the address or location	A13NE (N)	240	8	321030 175934

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
182	**Planning Hazardous Substance Consents** Name: Air Products Plc Location: Roath Dock, The Foreshore, CARDIFF, South Glamorgan, CF10 4UU Authority: Cardiff Council, Regulatory Services Application Ref: H/92/00002/R Hazardous Substance: Flammable (flammable liquids with flash point >=21C and <=55C supporting combustion) Maximum Quantity: 0 Application date: 26th October 1992 **Decision: Deemed Consent GrantedGranted** Positional Accuracy: Manually positioned to the address or location	A8SW (S)	621	8	320763 174967
183	**Planning Hazardous Substance Consents** Name: Total Butler Location: Seawall Road, Tremorfa, Cardiff, CF24 5TH Authority: Cardiff Council, Regulatory Services Application Ref: 08/00534/E Hazardous Substance: Part C, Flammable Substance (Not in Parts A&B), Liquefied gas or gases, flammable in air with a boiling point of <0C, where amount held >= 50tonnes Maximum Quantity: 0 Application date: 29th February 2008 **Decision: Deemed Consent GrantedGranted** Positional Accuracy: Manually positioned to the road within the address or location	A18NW (N)	650	8	320824 176353
184	**Planning Hazardous Substance Consents** Name: Gulf Oil (Gb) Ltd Location: Roath Dock Oil Terminal, Rover Way, Butetown, Cardiff Authority: Cardiff Council, Regulatory Services Application Ref: H/92/00003/R Hazardous Substance: Part C, Flammable Substance (Not in Parts A&B), Liquefied gas or gases, flammable in air with a boiling point of <0C, where amount held >= 50tonnes Maximum Quantity: 0 Application date: 26th October 1992 **Decision: Deemed Consent GrantedGranted** Positional Accuracy: Manually positioned to the address or location	A8SW (S)	788	8	320627 174832
185	**Planning Hazardous Substance Consents** Name: Gulf Oil (Gb) Ltd Location: Rover Way, Butetown, Cardiff Authority: Cardiff Council, Regulatory Services Application Ref: H/93/00001/R Hazardous Substance: Part C, Flammable Substance (Not in Parts A&B), Liquefied gas or gases, flammable in air with a boiling point of <0C, where amount held >= 50tonnes Maximum Quantity: 20000 Application date: 10th May 1993 **Decision: Withdrawn** Positional Accuracy: Manually positioned to the address or location	A8SW (S)	856	8	320625 174761
186	**Planning Hazardous Substance Consents** Name: Texaco Ltd / Simon Management Location: Roath Dock, Rover Way, CARDIFF, CF10 4US Authority: Cardiff Council, Regulatory Services Application Ref: H99/4r Hazardous Substance: Part C, Flammable Substance (Not in Parts A&B), All other liquid or liquids with flashpoint less than 21C, where amount held is >= 10,000 tonnes Maximum Quantity: 33000 Application date: 20th October 1999 **Decision: Deemed Consent GrantedGranted** Positional Accuracy: Manually positioned to the address or location	A8SW (S)	860	8	320734 174729
187	**Planning Hazardous Substance Consents** Name: Gulf Oil Gb Ltd Location: Roath Dock Oil Terminal, Rover Way, CARDIFF, South Glamorgan, CF1 5US Authority: Cardiff Council, Regulatory Services Application Ref: H/93/00002/R Hazardous Substance: Automotive petrol and other petroleum spirits Maximum Quantity: 20000 Application date: 8th September 1993 **Decision: Deemed Consent GrantedGranted** Positional Accuracy: Located by supplier to within 10m	A3NW (S)	954	8	320760 174630

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	BGS 1:625,000 Solid Geology Description: Triassic Rocks (Undifferentiated)	A13SW (E)	0	2	320951 175633
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Sediment Arsenic Concentration: <15 mg/kg Cadmium Concentration: <1.8 mg/kg Chromium Concentration: 60 - 90 mg/kg Lead Concentration: <100 mg/kg Nickel Concentration: 15 - 30 mg/kg	A13SW (E)	0	2	320951 175633
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Sediment Arsenic Concentration: no data Cadmium Concentration: <1.8 mg/kg Chromium Concentration: no data Lead Concentration: <100 mg/kg Nickel Concentration: no data	A9SW (SE)	943	2	321611 174866
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Sediment Arsenic Concentration: <15 mg/kg Cadmium Concentration: no data Chromium Concentration: 60 - 90 mg/kg Lead Concentration: no data Nickel Concentration: 15 - 30 mg/kg	A15SW (E)	969	2	322000 175633
188	**BGS Recorded Mineral Sites** Site Name: Rover Way Location: Rover Way, Cardiff Source: British Geological Survey, National Geoscience Information Service Reference: 505 Type: Tip **Status: Ceased** Operator: Not Supplied Operator Location: Not Supplied Periodic Type: Not Available Geology: Blast Furnace Slag Commodity: Slag (Including Basic Oxygen Slag and Electric Arc Furnace Slags) Positional Accuracy: Located by supplier to within 10m	A13NE (NE)	148	2	321138 175716
189	**BGS Recorded Mineral Sites** Site Name: Cardiff Wharf Location: Roath Dock Road, Roath Basin Docks , Cardiff Docks, Cardiff, South Glamorgan, Cf10 4ld Source: British Geological Survey, National Geoscience Information Service Reference: 10854 Type: Wharf **Status: Active** Operator: Not Supplied Operator Location: Not Supplied Periodic Type: Quaternary Geology: Marine Deposits Commodity: Marine Sand And Gravel Positional Accuracy: Located by supplier to within 10m	A7NW (SW)	951	2	320150 174975

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
189	**BGS Recorded Mineral Sites** Site Name: Cardiff Wharf Location: , Roath Dock Road, Roath Dock, Cardiff, South Glamorgan , Cf10 4ed Source: British Geological Survey, National Geoscience Information Service Reference: 10855 Type: Wharf **Status: Active** Operator: Not Supplied Operator Location: Not Supplied Periodic Type: Quaternary Geology: Marine Deposits Commodity: Marine Sand And Gravel Positional Accuracy: Located by supplier to within 10m	A7NW (SW)	951	2	320150 174975
	BGS Measured Urban Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Grid: 320690, 175570 Soil Sample Type: Topsoil Sample Area: Cardiff Arsenic Measured Concentration: 54.10 mg/kg Cadmium Measured Concentration: 0.70 mg/kg Chromium Measured Concentration: 120.70 mg/kg Lead Measured Concentration: 198.30 mg/kg Nickel Measured Concentration: 76.90 mg/kg	A13SW (W)	198	2	320690 175570
	BGS Measured Urban Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Grid: 321220, 175770 Soil Sample Type: Topsoil Sample Area: Cardiff Arsenic Measured Concentration: 149.00 mg/kg Cadmium Measured Concentration: 100.60 mg/kg Chromium Measured Concentration: 2932.80 mg/kg Lead Measured Concentration: 8158.30 mg/kg Nickel Measured Concentration: 384.10 mg/kg	A13NE (NE)	245	2	321220 175770
	BGS Measured Urban Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Grid: 320730, 175310 Soil Sample Type: Topsoil Sample Area: Cardiff Arsenic Measured Concentration: 52.70 mg/kg Cadmium Measured Concentration: 3.50 mg/kg Chromium Measured Concentration: 183.50 mg/kg Lead Measured Concentration: 525.00 mg/kg Nickel Measured Concentration: 109.10 mg/kg	A13SW (SW)	308	2	320730 175310
	BGS Measured Urban Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Grid: 321220, 176210 Soil Sample Type: Topsoil Sample Area: Cardiff Arsenic Measured Concentration: 11.60 mg/kg Cadmium Measured Concentration: 1.70 mg/kg Chromium Measured Concentration: 157.90 mg/kg Lead Measured Concentration: 89.70 mg/kg Nickel Measured Concentration: 29.30 mg/kg	A18SE (NE)	572	2	321220 176210

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	BGS Measured Urban Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Grid: 320550, 176160 Soil Sample Type: Topsoil Sample Area: Cardiff Arsenic Measured Concentration: 19.80 mg/kg Cadmium Measured Concentration: 0.60 mg/kg Chromium Measured Concentration: 75.80 mg/kg Lead Measured Concentration: 215.40 mg/kg Nickel Measured Concentration: 35.60 mg/kg	A17SE (NW)	592	2	320550 176160
	BGS Measured Urban Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Grid: 320340, 175300 Soil Sample Type: Topsoil Sample Area: Cardiff Arsenic Measured Concentration: 61.20 mg/kg Cadmium Measured Concentration: 5.60 mg/kg Chromium Measured Concentration: 2118.80 mg/kg Lead Measured Concentration: 1075.40 mg/kg Nickel Measured Concentration: 130.20 mg/kg	A7NE (SW)	613	2	320340 175300
	BGS Measured Urban Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Grid: 320270, 175750 Soil Sample Type: Topsoil Sample Area: Cardiff Arsenic Measured Concentration: 14.40 mg/kg Cadmium Measured Concentration: 0.80 mg/kg Chromium Measured Concentration: 81.30 mg/kg Lead Measured Concentration: 76.40 mg/kg Nickel Measured Concentration: 24.70 mg/kg	A12NW (W)	635	2	320270 175750
	BGS Measured Urban Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Grid: 320750, 174750 Soil Sample Type: Topsoil Sample Area: Cardiff Arsenic Measured Concentration: 17.10 mg/kg Cadmium Measured Concentration: 0.10 mg/kg Chromium Measured Concentration: 78.90 mg/kg Lead Measured Concentration: 47.20 mg/kg Nickel Measured Concentration: 55.90 mg/kg	A8SW (S)	837	2	320750 174750
	BGS Measured Urban Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Grid: 321750, 176250 Soil Sample Type: Topsoil Sample Area: Cardiff Arsenic Measured Concentration: 70.70 mg/kg Cadmium Measured Concentration: 48.60 mg/kg Chromium Measured Concentration: 864.70 mg/kg Lead Measured Concentration: 4959.30 mg/kg Nickel Measured Concentration: 482.10 mg/kg	A19SE (NE)	956	2	321750 176250

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	BGS Urban Soil Chemistry Averages Source: British Geological Survey, National Geoscience Information Service Sample Area: Cardiff Count Id: 506 Arsenic Minimum Concentration: 6.00 mg/kg Arsenic Average Concentration: 18.00 mg/kg Arsenic Maximum Concentration: 149.00 mg/kg Cadmium Minimum Concentration: 0.10 mg/kg Cadmium Average Concentration: 0.90 mg/kg Cadmium Maximum Concentration: 100.60 mg/kg Chromium Minimum Concentration: 28.00 mg/kg Chromium Average Concentration: 86.00 mg/kg Chromium Maximum Concentration: 2933.00 mg/kg Lead Minimum Concentration: 20.00 mg/kg Lead Average Concentration: 190.00 mg/kg Lead Maximum Concentration: 8158.00 mg/kg Nickel Minimum Concentration: 8.00 mg/kg Nickel Average Concentration: 35.00 mg/kg Nickel Maximum Concentration: 482.00 mg/kg	A13SW (E)	0	2	320951 175633
	Coal Mining Affected Areas In an area that might not be affected by coal mining				
	Non Coal Mining Areas of Great Britain No Hazard				
	Potential for Collapsible Ground Stability Hazards Hazard Potential: No Hazard Source: British Geological Survey, National Geoscience Information Service	A13SW (E)	0	2	320951 175633
	Potential for Compressible Ground Stability Hazards Hazard Potential: Very Low Source: British Geological Survey, National Geoscience Information Service	A13SW (E)	0	2	320951 175633
	Potential for Compressible Ground Stability Hazards Hazard Potential: Moderate Source: British Geological Survey, National Geoscience Information Service	A13SW (S)	60	2	320930 175515
	Potential for Ground Dissolution Stability Hazards Hazard Potential: No Hazard Source: British Geological Survey, National Geoscience Information Service	A13SW (E)	0	2	320951 175633
	Potential for Landslide Ground Stability Hazards Hazard Potential: Very Low Source: British Geological Survey, National Geoscience Information Service	A13SW (E)	0	2	320951 175633
	Potential for Landslide Ground Stability Hazards Hazard Potential: Low Source: British Geological Survey, National Geoscience Information Service	A13SW (S)	60	2	320930 175515
	Potential for Landslide Ground Stability Hazards Hazard Potential: Moderate Source: British Geological Survey, National Geoscience Information Service	A13SE (SE)	102	2	321010 175499
	Potential for Landslide Ground Stability Hazards Hazard Potential: Moderate Source: British Geological Survey, National Geoscience Information Service	A13SE (SE)	156	2	321092 175465
	Potential for Landslide Ground Stability Hazards Hazard Potential: Moderate Source: British Geological Survey, National Geoscience Information Service	A13SE (SE)	193	2	321132 175444
	Potential for Running Sand Ground Stability Hazards Hazard Potential: Very Low Source: British Geological Survey, National Geoscience Information Service	A13SW (E)	0	2	320951 175633

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	Potential for Running Sand Ground Stability Hazards Hazard Potential: Moderate Source: British Geological Survey, National Geoscience Information Service	A13SW (S)	60	2	320930 175515
	Potential for Shrinking or Swelling Clay Ground Stability Hazards Hazard Potential: Very Low Source: British Geological Survey, National Geoscience Information Service	A13SW (E)	0	2	320951 175633
	Radon Potential - Radon Affected Areas Affected Area: The property is in a Lower probability radon area (less than 1% of homes are estimated to be at or above the Action Level). Source: British Geological Survey, National Geoscience Information Service	A13SW (E)	0	2	320951 175633
	Radon Potential - Radon Protection Measures Protection Measure: No radon protective measures are necessary in the construction of new dwellings or extensions Source: British Geological Survey, National Geoscience Information Service	A13SW (E)	0	2	320951 175633

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
190	**Contemporary Trade Directory Entries** Name: Celtic Chem-Dry Location: Unit 1, Martin Road, Tremorfa Industrial Estate, Tremorfa, Cardiff, South Glamorgan, CF24 5SD Classification: Carpet, Curtain & Upholstery Cleaners **Status:** **Inactive** Positional Accuracy: Automatically positioned to the address	A13NE (N)	6	-	320960 175707
190	**Contemporary Trade Directory Entries** Name: Cars Cardiff Location: Unit 1, Martin Road, Tremorfa Industrial Estate, Tremorfa, Cardiff, South Glamorgan, CF24 5SD Classification: Car Dealers - Used **Status:** **Inactive** Positional Accuracy: Automatically positioned to the address	A13NE (N)	6	-	320960 175707
190	**Contemporary Trade Directory Entries** Name: Celtic Chem-Dry Location: Unit 1, Martin Road, Tremorfa Industrial Estate, Tremorfa, Cardiff, CF24 5SD Classification: Carpet, Curtain & Upholstery Cleaners **Status:** **Inactive** Positional Accuracy: Automatically positioned to the address	A13NE (N)	6	-	320960 175707
190	**Contemporary Trade Directory Entries** Name: Cardiff Van Centre Location: Unit 1, Martin Road, Tremorfa Industrial Estate, Tremorfa, Cardiff, South Glamorgan, CF24 5SD Classification: Commercial Vehicle Dealers **Status:** **Inactive** Positional Accuracy: Manually positioned to the address or location	A13NE (N)	6	-	320960 175707
190	**Contemporary Trade Directory Entries** Name: E-Pro Automotive Ltd Location: Unit 1, Martin Road, Tremorfa Industrial Estate, Tremorfa, Cardiff, CF24 5SD Classification: Engine Rebuilding & Reconditioning **Status:** **Inactive** Positional Accuracy: Automatically positioned to the address	A13NE (N)	8	-	320969 175704
190	**Contemporary Trade Directory Entries** Name: Mot'S 4 U Location: Unit 1c,Martin Rd,Tremorfa Ind Est, Tremorfa, Cardiff, South Glamorgan, CF24 5SD Classification: Mot Testing Centres **Status:** **Inactive** Positional Accuracy: Manually positioned within the geographical locality	A13NE (N)	18	-	320979 175710
191	**Contemporary Trade Directory Entries** Name: Presco (Uk) Ltd Location: Unit 4, Martin Road, Tremorfa Industrial Estate, Tremorfa, Cardiff, South Glamorgan, CF24 5SD Classification: Catering Equipment **Status:** **Inactive** Positional Accuracy: Automatically positioned to the address	A13NE (N)	41	-	320977 175738
191	**Contemporary Trade Directory Entries** Name: Action Recycling Ltd Location: Unit 6, Martin Road, Tremorfa Industrial Estate, Tremorfa, Cardiff, South Glamorgan, CF24 5SD Classification: Reclaiming - Waste Products **Status:** **Inactive** Positional Accuracy: Automatically positioned to the address	A13NE (N)	66	-	320989 175760
191	**Contemporary Trade Directory Entries** Name: Industrial Training Services Uk Ltd Location: Unit 7, Martin Road, Tremorfa Industrial Estate, Tremorfa, Cardiff, CF24 5SD Classification: Fork Lift Trucks **Status:** **Inactive** Positional Accuracy: Automatically positioned to the address	A13NE (N)	85	-	320998 175776
191	**Contemporary Trade Directory Entries** Name: Cardiff Reclamation Ltd Location: Unit 7, Martin Road, Tremorfa Industrial Estate, Tremorfa, Cardiff, CF24 5SD Classification: Reclamation Centres **Status:** **Active** Positional Accuracy: Automatically positioned to the address	A13NE (N)	85	-	320998 175776
191	**Contemporary Trade Directory Entries** Name: Hayward James Motor Co Ltd Location: Unit 1c,Martin Rd,Tremorfa Ind Est, Tremorfa, Cardiff, South Glamorgan, CF24 5SD Classification: Car Dealers **Status:** **Inactive** Positional Accuracy: Manually positioned within the geographical locality	A13NE (N)	85	-	320998 175776

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
192	**Contemporary Trade Directory Entries** Name: Commercial Motors Location: Martin Rd,Tremorfa Ind Est, Tremorfa, Cardiff, South Glamorgan, CF24 5SD Classification: Commercial Vehicle Dealers **Status: Inactive** Positional Accuracy: Manually positioned within the geographical locality	A13NE (NE)	73	-	321034 175732
192	**Contemporary Trade Directory Entries** Name: The Panel Shop Location: Martin Road, Tremorfa Industrial Estate, Tremorfa, CARDIFF, CF24 5SD Classification: Car Breakers & Dismantlers **Status: Inactive** Positional Accuracy: Automatically positioned to the address	A13NE (NE)	109	-	321095 175703
192	**Contemporary Trade Directory Entries** Name: Marlee Metals & Skip Hire Ltd Location: Unit 17,Off Martin Road, Cardiff, South Glamorgan, CF24 2SD Classification: Scrap Metal Merchants **Status: Inactive** Positional Accuracy: Manually positioned to the road within the address or location	A13NE (NE)	111	-	321080 175721
192	**Contemporary Trade Directory Entries** Name: Bill Way & Co Ltd Location: 16 Martin Rd,Tremorfa Ind Est, Tremorfa, Cardiff, South Glamorgan, CF24 5SD Classification: Car Breakers & Dismantlers **Status: Inactive** Positional Accuracy: Manually positioned to the road within the address or location	A13NE (NE)	112	-	321080 175722
192	**Contemporary Trade Directory Entries** Name: C & B Car Repairs Location: Unit 1d,Martin Rd,Tremorfa Ind Est, Tremorfa, Cardiff, South Glamorgan, CF24 5SD Classification: Garage Services **Status: Inactive** Positional Accuracy: Manually positioned to the road within the address or location	A13NE (NE)	115	-	321082 175728
192	**Contemporary Trade Directory Entries** Name: Body & Soul Autoworks Location: Unit 3, Martin Road, Tremorfa Industrial Estate, Tremorfa, Cardiff, CF24 5SD Classification: Car Body Repairs **Status: Inactive** Positional Accuracy: Automatically positioned to the address	A13NE (NE)	142	-	321101 175753
193	**Contemporary Trade Directory Entries** Name: Ace Tyre Services Location: Martin Road, Tremorfa Industrial Estate, Tremorfa, CARDIFF, CF24 5SD Classification: Tyre Dealers **Status: Inactive** Positional Accuracy: Automatically positioned to the address	A13NE (E)	150	-	321147 175710
193	**Contemporary Trade Directory Entries** Name: Ace Tyre Services Location: Martin Road, Tremorfa Industrial Estate, Tremorfa, Cardiff, South Glamorgan, CF24 5SD Classification: Tyre Dealers **Status: Inactive** Positional Accuracy: Automatically positioned to the address	A13NE (E)	150	-	321147 175710
194	**Contemporary Trade Directory Entries** Name: It Works Location: Martin Rd,Tremorfa Ind Est, Tremorfa, Cardiff, South Glamorgan, CF24 5SD Classification: Computer Recycling & Disposal **Status: Inactive** Positional Accuracy: Manually positioned to the road within the address or location	A13NE (NE)	161	-	321110 175777
194	**Contemporary Trade Directory Entries** Name: 1st Choice Vehicle Dismantlers Location: Unit 12-13, Martin Road, Tremorfa Industrial Estate, Tremorfa, Cardiff, CF24 5SD Classification: Car Breakers & Dismantlers **Status: Active** Positional Accuracy: Automatically positioned to the address	A13NE (NE)	200	-	321149 175788
195	**Contemporary Trade Directory Entries** Name: Cardiff Bay Office Furniture Location: Charnwood Park, Foreshore Road, Cardiff, CF10 4LZ Classification: Office Furniture & Equipment **Status: Inactive** Positional Accuracy: Automatically positioned to the address	A13SW (S)	182	-	320908 175395

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
196	**Contemporary Trade Directory Entries** Name: D M D Mechanical Engineering Ltd Location: Darby Road, Tremorfa Industrial Estate, Tremorfa, Cardiff, CF24 5SB Classification: Mechanical Engineers **Status: Inactive** Positional Accuracy: Automatically positioned to the address	A13NE (NE)	187	-	321095 175835
197	**Contemporary Trade Directory Entries** Name: The Engine Shop Location: 16 Martin Rd,Tremorfa Ind Est, Tremorfa, Cardiff, South Glamorgan, CF24 5SD Classification: Engine Rebuilding & Reconditioning **Status: Inactive** Positional Accuracy: Manually positioned to the road within the address or location	A13NE (NE)	233	-	321148 175846
197	**Contemporary Trade Directory Entries** Name: Diggers Location: Unit 15, Martin Road, Tremorfa Industrial Estate, Tremorfa, Cardiff, CF24 5SD Classification: Car Breakers & Dismantlers **Status: Inactive** Positional Accuracy: Automatically positioned to the address	A13NE (NE)	257	-	321184 175839
197	**Contemporary Trade Directory Entries** Name: National Engine Centre Review Location: Unit 16, Martin Road, Tremorfa Industrial Estate, Tremorfa, Cardiff, CF24 5SD Classification: Engine Rebuilding & Reconditioning **Status: Inactive** Positional Accuracy: Automatically positioned to the address	A13NE (NE)	291	-	321209 175863
197	**Contemporary Trade Directory Entries** Name: Parts (Uk) Location: Unit 16, Martin Road, Tremorfa Industrial Estate, Tremorfa, Cardiff, CF24 5SD Classification: Scrap Yards **Status: Inactive** Positional Accuracy: Automatically positioned to the address	A13NE (NE)	291	-	321209 175863
198	**Contemporary Trade Directory Entries** Name: D4 Print Location: Pacific Business Pk,Pacific Rd, Cardiff, South Glamorgan, CF24 5HJ Classification: Printers **Status: Inactive** Positional Accuracy: Manually positioned within the geographical locality	A13NW (NW)	247	-	320720 175828
199	**Contemporary Trade Directory Entries** Name: Generation Hire & Sale Location: Martin Road, Tremorfa Industrial Estate, Tremorfa, Cardiff, CF24 5SD Classification: Scaffolding & Work Platforms **Status: Inactive** Positional Accuracy: Automatically positioned to the address	A13NE (NE)	262	-	321140 175895
200	**Contemporary Trade Directory Entries** Name: J & J Commercials Ltd Location: Unit N/2, South Point, Clos Marion, Cardiff, CF10 4LQ Classification: Garage Services **Status: Active** Positional Accuracy: Automatically positioned to the address	A13SW (S)	265	-	320882 175310
200	**Contemporary Trade Directory Entries** Name: N C Ceramics Location: Unit M7-M8, South Point, Clos Marion, Cardiff, CF10 4LQ Classification: Ceramic Manufacturers, Supplies & Services **Status: Active** Positional Accuracy: Automatically positioned to the address	A8NW (S)	295	-	320861 175281
201	**Contemporary Trade Directory Entries** Name: A A 1 Location: Unit 15, Martin Road, Tremorfa Industrial Estate, Tremorfa, Cardiff, CF24 5SD Classification: Car Breakers & Dismantlers **Status: Inactive** Positional Accuracy: Automatically positioned to the address	A13NE (NE)	269	-	321205 175829
201	**Contemporary Trade Directory Entries** Name: South Western Print Finishers Location: 16a, Martin Road, Tremorfa Industrial Estate, Tremorfa, Cardiff, CF24 5SD Classification: Print Finishers **Status: Inactive** Positional Accuracy: Automatically positioned to the address	A13NE (NE)	290	-	321241 175815

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
202	**Contemporary Trade Directory Entries** Name: Vanda Coatings Ltd Location: Unit 5a, Charnwood Park, Clos Marion, Cardiff, South Glamorgan, CF10 4LJ Classification: Spraying - Paint & Coatings **Status: Inactive** Positional Accuracy: Automatically positioned to the address	A13SE (S)	270	-	320966 175316
202	**Contemporary Trade Directory Entries** Name: Adseal Location: Charnwood Park, Foreshore Road, Cardiff, South Glamorgan, CF10 4LZ Classification: Adhesives, Glues & Sealants **Status: Inactive** Positional Accuracy: Automatically positioned to the address	A8NW (S)	300	-	320940 175280
203	**Contemporary Trade Directory Entries** Name: B R T Workshop Location: Coaster Pl, Cardiff, South Glamorgan, CF10 4XZ Classification: Garage Services **Status: Active** Positional Accuracy: Manually positioned within the geographical locality	A8NW (SW)	316	-	320771 175281
203	**Contemporary Trade Directory Entries** Name: Dragon Rescue Location: Coaster Pl, Cardiff, South Glamorgan, CF10 4XZ Classification: Commercial Vehicle Breakdown & Recovery Services **Status: Inactive** Positional Accuracy: Manually positioned to the road within the address or location	A8NW (SW)	345	-	320777 175248
204	**Contemporary Trade Directory Entries** Name: Globe Dynamics Ltd Location: Unit P/6, South Point, Clos Marion, Cardiff, CF10 4LQ Classification: Commercial Vehicle Servicing, Repairs, Parts & Accessories **Status: Inactive** Positional Accuracy: Automatically positioned to the address	A8NW (S)	319	-	320910 175258
205	**Contemporary Trade Directory Entries** Name: Fig Fixings Location: Unit H/1, South Point, Foreshore Road, Cardiff, CF10 4SP Classification: Nuts, Bolts & Fixings **Status: Inactive** Positional Accuracy: Automatically positioned to the address	A8NE (S)	335	-	320974 175251
205	**Contemporary Trade Directory Entries** Name: S I G Insulation Location: Unit H1, South Point, Foreshore Road, Cardiff, CF10 4SP Classification: Insulation Materials **Status: Active** Positional Accuracy: Automatically positioned to the address	A8NE (S)	335	-	320974 175251
205	**Contemporary Trade Directory Entries** Name: Sheffield Insulations Location: South Point, Foreshore Road, Cardiff, CF10 4SP Classification: Insulation Materials **Status: Inactive** Positional Accuracy: Automatically positioned to the address	A8NE (S)	335	-	320974 175251
205	**Contemporary Trade Directory Entries** Name: Premier Fixings Location: Unit 6, Charnwood Park, Clos Marion, Cardiff, CF10 4LJ Classification: Nuts, Bolts & Fixings **Status: Inactive** Positional Accuracy: Automatically positioned to the address	A8NE (S)	335	-	320974 175251
206	**Contemporary Trade Directory Entries** Name: Lodgesons Location: Unit M/1, South Point, Clos Marion, Cardiff, CF10 4LQ Classification: Disability Equipment - Manufacturers & Suppliers **Status: Active** Positional Accuracy: Automatically positioned to the address	A8NW (S)	357	-	320845 175221
206	**Contemporary Trade Directory Entries** Name: Lodgesons Location: Unit M/1, South Point, Clos Marion, Cardiff, CF10 4LQ Classification: Disability Equipment - Manufacturers & Suppliers **Status: Inactive** Positional Accuracy: Automatically positioned to the address	A8NW (S)	357	-	320845 175221
206	**Contemporary Trade Directory Entries** Name: Flexitallic Location: Unit 9a Charnwood Park, Clos Marion, Cardiff, South Glamorgan, CF10 4LQ Classification: Sealant Compounds & Applications **Status: Inactive** Positional Accuracy: Manually positioned within the geographical locality	A8NW (S)	358	-	320882 175217

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
206	**Contemporary Trade Directory Entries** Name: Total Building Services Location: Unit 9b South Point,Clos Marion, Cardiff, South Glamorgan, CF10 4LQ Classification: Mechanical Engineers **Status: Inactive** Positional Accuracy: Manually positioned within the geographical locality	A8NW (S)	358	-	320882 175217
206	**Contemporary Trade Directory Entries** Name: Q T S Industrial Supplies Location: Unit K/3, South Point, Clos Marion, Cardiff, CF10 4LQ Classification: Industrial Services **Status: Active** Positional Accuracy: Automatically positioned to the address	A8NW (S)	400	-	320846 175177
207	**Contemporary Trade Directory Entries** Name: Print Partnership Location: Unit 11, Pacific Business Park, Pacific Road, Cardiff, CF24 5HJ Classification: Printers **Status: Active** Positional Accuracy: Automatically positioned to the address	A12NE (NW)	377	-	320620 175915
207	**Contemporary Trade Directory Entries** Name: Print Partnership Location: Unit 11, Pacific Business Park, Pacific Road, Cardiff, CF24 5HJ Classification: Copying & Duplicating Services **Status: Inactive** Positional Accuracy: Automatically positioned to the address	A12NE (NW)	384	-	320602 175899
208	**Contemporary Trade Directory Entries** Name: Speedy Hire Centre Location: Unit 47, Portmanmoor Road Industrial Estate, Cardiff, CF24 5HB Classification: Lifting Equipment **Status: Inactive** Positional Accuracy: Automatically positioned to the address	A12NE (W)	388	-	320515 175712
208	**Contemporary Trade Directory Entries** Name: Speedy Assit Services Location: Unit 47, Portmanmoor Road Industrial Estate, Cardiff, CF24 5HB Classification: Lifting Equipment **Status: Inactive** Positional Accuracy: Automatically positioned to the address	A12NE (W)	388	-	320515 175712
209	**Contemporary Trade Directory Entries** Name: Huntleigh Location: 35, Portmanmoor Road Industrial Estate, Cardiff, CF24 5HN Classification: Medical Equipment Manufacturers **Status: Active** Positional Accuracy: Automatically positioned to the address	A12NE (NW)	413	-	320549 175862
209	**Contemporary Trade Directory Entries** Name: Huntleigh Healthcare Ltd Location: 35, Portmanmoor Road Industrial Estate, Cardiff, CF24 5HN Classification: Medical Equipment Manufacturers **Status: Active** Positional Accuracy: Automatically positioned to the address	A12NE (NW)	413	-	320549 175862
210	**Contemporary Trade Directory Entries** Name: B R T International Location: Dragon House, Coaster Place, Cardiff, CF10 4XZ Classification: Road Haulage Services **Status: Inactive** Positional Accuracy: Automatically positioned to the address	A8NW (SW)	418	-	320745 175183
210	**Contemporary Trade Directory Entries** Name: Dragon Rescue Ltd Location: Dragon House, Coaster Place, Cardiff, CF10 4XZ Classification: Commercial Vehicle Servicing, Repairs, Parts & Accessories **Status: Inactive** Positional Accuracy: Automatically positioned to the address	A8NW (SW)	418	-	320745 175183
210	**Contemporary Trade Directory Entries** Name: Oil 4 Wales Location: Dragon House, Coaster Place, Cardiff, CF10 4XZ Classification: Oil Fuel Distributors **Status: Active** Positional Accuracy: Automatically positioned to the address	A8NW (SW)	418	-	320745 175183
210	**Contemporary Trade Directory Entries** Name: Tyres Cardiff Location: Dragon House, Coaster Place, Cardiff, CF10 4XZ Classification: Tyre Dealers **Status: Active** Positional Accuracy: Automatically positioned to the address	A8NW (SW)	422	-	320745 175178

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
210	**Contemporary Trade Directory Entries** Name: Cardiff Rescue Ltd Location: Dragon House, Coaster Place, Cardiff, CF10 4XZ Classification: Commercial Vehicle Breakdown & Recovery Services **Status: Active** Positional Accuracy: Automatically positioned to the address	A8NW (SW)	422	-	320745 175178
211	**Contemporary Trade Directory Entries** Name: Eclipse Printing Location: Unit 1, Trident Trade Park, Glass Avenue, Cardiff, CF24 5EP Classification: Printers **Status: Inactive** Positional Accuracy: Automatically positioned to the address	A12SE (W)	426	-	320465 175521
211	**Contemporary Trade Directory Entries** Name: Brammer Ltd Location: Unit 2, Trident Trade Park, Glass Avenue, Cardiff, CF24 5EP Classification: Distribution Services **Status: Active** Positional Accuracy: Automatically positioned to the address	A12SE (W)	427	-	320469 175492
212	**Contemporary Trade Directory Entries** Name: C S Heat Pumps Location: Unit F2, South Point, Foreshore Road, Cardiff, CF10 4SP Classification: Heating Equipment - Sales & Service **Status: Inactive** Positional Accuracy: Automatically positioned to the address	A8NW (S)	446	-	320954 175134
213	**Contemporary Trade Directory Entries** Name: Cardiff Bay Wholesale Location: Unit G/3, South Point, Foreshore Road, Cardiff, CF10 4SP Classification: Do It Yourself Wholesalers **Status: Inactive** Positional Accuracy: Automatically positioned to the address	A8NE (S)	494	-	320995 175093
214	**Contemporary Trade Directory Entries** Name: Surefreight Ltd Location: Unit E/2, South Point, Foreshore Road, Cardiff, CF10 4SP Classification: Freight Forwarders **Status: Inactive** Positional Accuracy: Automatically positioned to the address	A8NW (S)	496	-	320914 175080
214	**Contemporary Trade Directory Entries** Name: Alliance & Heatshield Engineering Location: Unit 1a South Point, Foreshore Road, Cardiff, South Glamorgan, CF10 4SP Classification: Gaskets **Status: Active** Positional Accuracy: Manually positioned within the geographical locality	A8NW (S)	519	-	320932 175058
214	**Contemporary Trade Directory Entries** Name: Heat & Combustion Location: Unit E/5, South Point, Foreshore Road, Cardiff, CF10 4SP Classification: Heat Treatment - Metals **Status: Active** Positional Accuracy: Automatically positioned to the address	A8NW (S)	534	-	320945 175044
215	**Contemporary Trade Directory Entries** Name: C T M Europe Ltd Location: Viking Place, CARDIFF, CF10 4TR Classification: Medical Equipment Maintenance & Repairs **Status: Active** Positional Accuracy: Automatically positioned to the address	A8NW (S)	499	-	320780 175088
215	**Contemporary Trade Directory Entries** Name: Cardiff Stevedoring & Cargo Handling Location: Compass Place, Cardiff, CF10 4LA Classification: Cargo Handling Services **Status: Inactive** Positional Accuracy: Automatically positioned to the address	A8NW (S)	499	-	320780 175088
215	**Contemporary Trade Directory Entries** Name: Cardiff Containers Ltd Location: Coldstores Road, Queen Alexandra Dock, Cardiff, CF10 4LL Classification: Road Haulage Services **Status: Active** Positional Accuracy: Automatically positioned to the address	A8NW (S)	499	-	320780 175088
215	**Contemporary Trade Directory Entries** Name: Cardiff Fuel Centre Location: Cargo Road, Docks, Cardiff, CF10 4LY Classification: Gas Suppliers **Status: Active** Positional Accuracy: Automatically positioned to the address	A8NW (S)	499	-	320780 175088

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
216	**Contemporary Trade Directory Entries** Name: Anstee & Ware Ltd Location: Foreshore Road, CARDIFF, CF10 4DF Classification: Mechanical Engineers **Status: Active** Positional Accuracy: Automatically positioned to the address	A8NW (S)	510	-	320833 175068
216	**Contemporary Trade Directory Entries** Name: Gwinnutt Ltd Location: Foreshore Road, Cardiff, CF10 4DF Classification: Electric Motor Sales & Service **Status: Inactive** Positional Accuracy: Automatically positioned to the address	A8NW (S)	510	-	320833 175068
217	**Contemporary Trade Directory Entries** Name: Dynic Location: Unit 7, Trident Trade Park, Glass Avenue, CARDIFF, CF24 5EP Classification: Printers **Status: Active** Positional Accuracy: Automatically positioned to the address	A12SE (W)	532	-	320370 175454
217	**Contemporary Trade Directory Entries** Name: Encon Insulation Location: Unit 4, Trident Trade Park, Glass Avenue, Cardiff, CF24 5EP Classification: Builders' Merchants **Status: Active** Positional Accuracy: Automatically positioned to the address	A12SE (W)	555	-	320352 175428
218	**Contemporary Trade Directory Entries** Name: Bridgeway Freighting Location: Clipper Road, Docks, Cardiff, CF10 4EW Classification: Road Haulage Services **Status: Inactive** Positional Accuracy: Automatically positioned to the address	A7NE (SW)	537	-	320581 175134
218	**Contemporary Trade Directory Entries** Name: Elk Motors Ltd Location: Cardiff Bay Truck Services, Clipper Road, Cardiff, CF10 4EW Classification: Garage Services **Status: Inactive** Positional Accuracy: Automatically positioned to the address	A7NE (SW)	537	-	320581 175134
218	**Contemporary Trade Directory Entries** Name: Cardiff Bay Truck Services Location: Cardiff, CF10 4EW Classification: Commercial Vehicle Servicing, Repairs, Parts & Accessories **Status: Active** Positional Accuracy: Automatically positioned to the address	A7NE (SW)	537	-	320581 175134
218	**Contemporary Trade Directory Entries** Name: A F Pallets Ltd Location: Roath Dock, Cardiff, CF10 4ED Classification: Pallets, Crates & Packing Cases **Status: Active** Positional Accuracy: Automatically positioned to the address	A7NE (SW)	537	-	320581 175134
218	**Contemporary Trade Directory Entries** Name: Hanson Uk Ltd Location: Roath Dock Road Hanson Aggregates, Cardiff, South Glamorgan, CF10 4ED Classification: Sand, Gravel & Other Aggregates **Status: Active** Positional Accuracy: Manually positioned within the geographical locality	A7NE (SW)	538	-	320546 175159
219	**Contemporary Trade Directory Entries** Name: Travis Perkins Location: Brittons Mill,Clippers Road,Roath Dock, Cardiff, South Glamorgan, CF10 4ED Classification: Builders' Merchants **Status: Inactive** Positional Accuracy: Manually positioned to the road within the address or location	A8NW (SW)	540	-	320677 175078
219	**Contemporary Trade Directory Entries** Name: Trailermech Ltd Location: Clipper Rd,Roath Dock, Cardiff, South Glamorgan, CF10 4LX Classification: Commercial Vehicle Servicing, Repairs, Parts & Accessories **Status: Inactive** Positional Accuracy: Manually positioned to the road within the address or location	A8NW (SW)	543	-	320684 175072
220	**Contemporary Trade Directory Entries** Name: Rentokil Pest Control Location: Unit 36, Portmanmoor Road Industrial Estate, Cardiff, CF24 5HB Classification: Pest & Vermin Control **Status: Inactive** Positional Accuracy: Automatically positioned to the address	A12NE (NW)	545	-	320428 175916

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
221	**Contemporary Trade Directory Entries** Name: C P L Petroleum Ltd Location: Cardiff, South Glamorgan, Cf10 4ux Classification: Oil Companies **Status: Active** Positional Accuracy: Manually positioned within the geographical locality	A7NE (SW)	552	-	320522 175161
221	**Contemporary Trade Directory Entries** Name: Tarmac Topmix Ltd Location: Cardiff, CF10 4ED Classification: Concrete & Mortar Ready Mixed **Status: Active** Positional Accuracy: Automatically positioned to the address	A7NE (SW)	586	-	320518 175120
221	**Contemporary Trade Directory Entries** Name: South Wales Sand & Gravel Location: Roath Dock, Cardiff, South Glamorgan, CF10 4ED Classification: Sand, Gravel & Other Aggregates **Status: Inactive** Positional Accuracy: Automatically positioned to the address	A7NE (SW)	586	-	320518 175120
221	**Contemporary Trade Directory Entries** Name: Hanson Aggregates Ltd Location: Roath Dock, Cardiff, South Glamorgan, CF10 4ED Classification: Sand, Gravel & Other Aggregates **Status: Inactive** Positional Accuracy: Automatically positioned to the address	A7NE (SW)	586	-	320518 175120
221	**Contemporary Trade Directory Entries** Name: Hanson Aggregates (South Wales) Ltd Location: Roath Dock, Cardiff, South Glamorgan, CF10 4ED Classification: Sand, Gravel & Other Aggregates **Status: Inactive** Positional Accuracy: Automatically positioned to the address	A7NE (SW)	586	-	320518 175120
221	**Contemporary Trade Directory Entries** Name: Travis Perkins Location: Roath Dock, Cardiff, South Glamorgan, CF10 4ED Classification: Builders' Merchants **Status: Inactive** Positional Accuracy: Automatically positioned to the address	A7NE (SW)	586	-	320518 175120
221	**Contemporary Trade Directory Entries** Name: Caird Environmental Ltd Location: Roath Dock, Cardiff, South Glamorgan, CF10 4LX Classification: Waste Disposal Services **Status: Inactive** Positional Accuracy: Manually positioned within the geographical locality	A7NE (SW)	609	-	320486 175117
222	**Contemporary Trade Directory Entries** Name: M & M Fixings Ltd Location: Unit A/5, South Point, Foreshore Road, Cardiff, CF10 4SP Classification: Nuts, Bolts & Fixings **Status: Active** Positional Accuracy: Automatically positioned to the address	A8NW (S)	591	-	320844 174986
223	**Contemporary Trade Directory Entries** Name: T N S Demolition Ltd Location: Clipper Road, Roath Dock, CARDIFF, CF10 4LX Classification: Scrap Metal Merchants **Status: Inactive** Positional Accuracy: Automatically positioned to the address	A8NW (SW)	604	-	320652 175019
223	**Contemporary Trade Directory Entries** Name: Smiths (Uk) Ltd Location: Clipper Road, Roath Dock, Cardiff, CF10 4LX Classification: Scrap Metal Merchants **Status: Inactive** Positional Accuracy: Automatically positioned to the address	A8NW (SW)	604	-	320652 175019
223	**Contemporary Trade Directory Entries** Name: Smiths Uk Ltd Location: Clipper Road, Roath Dock, Cardiff, CF10 4LX Classification: Scrap Metal Merchants **Status: Inactive** Positional Accuracy: Automatically positioned to the address	A8NW (SW)	604	-	320652 175019
224	**Contemporary Trade Directory Entries** Name: Cardiff Joinery Ltd Location: Unit 46,Portmanmoor Rd Ind Est, Cardiff, South Glamorgan, CF24 5HB Classification: Joinery Manufacturers **Status: Inactive** Positional Accuracy: Manually positioned to the address or location	A17SE (NW)	608	-	320496 176130

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
224	**Contemporary Trade Directory Entries** Name: Capital Trade Finishings Location: Unit 44,Portmanmoor Rd Ind Est, Cardiff, South Glamorgan, CF24 5HB Classification: Print Finishers **Status: Inactive** Positional Accuracy: Manually positioned to the address or location	A17SE (NW)	626	-	320467 176125
224	**Contemporary Trade Directory Entries** Name: Moorland Environmental Ltd Location: Unit 43, Portmanmoor Road Industrial Estate, CARDIFF, CF24 5HB Classification: Waste Disposal Services **Status: Inactive** Positional Accuracy: Automatically positioned to the address	A17SE (NW)	638	-	320451 176125
225	**Contemporary Trade Directory Entries** Name: Cardiff Wire Erosion & Engineering Location: 94, Seawall Road, Cardiff, CF24 5XB Classification: Precision Engineers **Status: Active** Positional Accuracy: Automatically positioned to the address	A18NW (N)	610	-	320933 176323
225	**Contemporary Trade Directory Entries** Name: Harsco Metals Location: Seawall Road, Cardiff, CF24 5TH Classification: Steel Manufacturers **Status: Active** Positional Accuracy: Automatically positioned to the address	A18NW (N)	610	-	320933 176323
225	**Contemporary Trade Directory Entries** Name: Mepco Mouldings Ltd Location: Mepco House, 85, Seawall Road, Cardiff, CF24 5TH Classification: Plastic Products - Manufacturers **Status: Active** Positional Accuracy: Automatically positioned to the address	A18NW (N)	610	-	320933 176323
225	**Contemporary Trade Directory Entries** Name: C & G Accident Repair Location: Mepco House, 85, Seawall Road, Cardiff, CF24 5TH Classification: Car Body Repairs **Status: Inactive** Positional Accuracy: Automatically positioned to the address	A18NW (N)	610	-	320933 176323
225	**Contemporary Trade Directory Entries** Name: R H I Refractories Site Services Ltd Location: Cardiff, CF24 5TH Classification: Refractory Materials & Supplies **Status: Active** Positional Accuracy: Automatically positioned to the address	A18NW (N)	631	-	320954 176343
226	**Contemporary Trade Directory Entries** Name: Cardiff Engineering Location: 83, Seawall Road, Cardiff, CF24 5TH Classification: Engineers - General **Status: Inactive** Positional Accuracy: Automatically positioned to the address	A18NW (N)	619	-	320857 176327
226	**Contemporary Trade Directory Entries** Name: Cardiff Engineering Co Ltd Location: 83, Seawall Road, Cardiff, CF24 5TH Classification: Engineering Services **Status: Inactive** Positional Accuracy: Automatically positioned to the address	A18NW (N)	619	-	320857 176327
226	**Contemporary Trade Directory Entries** Name: Philip Huntley Location: Seawall Road, Cardiff, CF24 5TH Classification: Fire Escapes & Evacuation Equipment **Status: Inactive** Positional Accuracy: Automatically positioned to the address	A18NW (N)	641	-	320859 176348
226	**Contemporary Trade Directory Entries** Name: Miss Lulu Location: 82, Seawall Road, Cardiff, CF24 5TH Classification: Bags, Belts & Accessories - Manufacturers & Suppliers **Status: Active** Positional Accuracy: Automatically positioned to the address	A18NW (N)	648	-	320830 176351
226	**Contemporary Trade Directory Entries** Name: Metalskills Location: 85, Seawall Road, Cardiff, CF24 5TH Classification: Gate Manufacturers **Status: Inactive** Positional Accuracy: Automatically positioned to the address	A18NW (N)	659	-	320866 176368

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
226	**Contemporary Trade Directory Entries** Name: Cj'S Accident Repair Location: 85, Seawall Road, Cardiff, CF24 5TH Classification: Car Body Repairs **Status: Active** Positional Accuracy: Automatically positioned to the address	A18NW (N)	659	-	320866 176368
226	**Contemporary Trade Directory Entries** Name: Car Care Body Shop Location: 85A Seawall Rd, Cardiff, South Glamorgan, CF24 5TH Classification: Car Body Repairs **Status: Inactive** Positional Accuracy: Manually positioned to the road within the address or location	A18NW (N)	668	-	320846 176374
226	**Contemporary Trade Directory Entries** Name: Butler Fuels Location: Seawall Road, Cardiff, CF24 5TH Classification: Oil Fuel Distributors **Status: Active** Positional Accuracy: Automatically positioned to the address	A18NW (N)	670	-	320874 176380
226	**Contemporary Trade Directory Entries** Name: Total Butler Location: Seawall Road, Cardiff, CF24 5TH Classification: Oil Fuel Distributors **Status: Inactive** Positional Accuracy: Automatically positioned to the address	A18NW (N)	671	-	320874 176380
226	**Contemporary Trade Directory Entries** Name: Cardiff Bay Auto Centre Ltd Location: Unit 5 Seawall Road, Cardiff, South Glamorgan, CF24 5TH Classification: Mot Testing Centres **Status: Active** Positional Accuracy: Manually positioned to the road within the address or location	A18NW (N)	700	-	320880 176410
227	**Contemporary Trade Directory Entries** Name: Nrw Ltd Location: Unit 89, Portmanmoor Road Industrial Estate, Cardiff, South Glamorgan, CF24 5HB Classification: Air Conditioning & Refrigeration Contractors **Status: Inactive** Positional Accuracy: Automatically positioned to the address	A12NE (NW)	620	-	320338 175905
227	**Contemporary Trade Directory Entries** Name: Safetyliftingear.Com Location: Unit 88, Portmanmoor Road Industrial Estate, Cardiff, CF24 5HB Classification: Lifting Equipment **Status: Active** Positional Accuracy: Automatically positioned to the address	A12NE (NW)	630	-	320325 175898
227	**Contemporary Trade Directory Entries** Name: Product Development Corporation Location: Unit 88, Portmanmoor Road Industrial Estate, Cardiff, South Glamorgan, CF24 5HA Classification: Distribution Services **Status: Inactive** Positional Accuracy: Automatically positioned to the address	A12NE (NW)	630	-	320325 175898
227	**Contemporary Trade Directory Entries** Name: Airpro Systems Location: Unit 91,Portmanmoor Rd Ind Est, Cardiff, South Glamorgan, CF24 5HB Classification: Air Conditioning & Refrigeration Contractors **Status: Inactive** Positional Accuracy: Manually positioned to the address or location	A12NE (NW)	652	-	320314 175927
227	**Contemporary Trade Directory Entries** Name: Southwales Saab Specialist Ltd Location: 91 Portmanmoor Rd Ind Est, Cardiff, South Glamorgan, CF24 5HB Classification: Garage Services **Status: Inactive** Positional Accuracy: Manually positioned to the address or location	A12NE (NW)	652	-	320314 175927
227	**Contemporary Trade Directory Entries** Name: Bluebay Location: 51 Portmanmoor rd Ind Est, Cardiff, South Glamorgan, CF24 5HB Classification: Builders' Merchants **Status: Active** Positional Accuracy: Manually positioned to the address or location	A12NE (NW)	693	-	320286 175964

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
228	**Contemporary Trade Directory Entries** Name: Air Products Plc Location: Roath Dock, Cardiff, CF10 4UU Classification: Gas Suppliers **Status: Inactive** Positional Accuracy: Automatically positioned to the address	A8SW (S)	624	-	320766 174963
228	**Contemporary Trade Directory Entries** Name: Beechwood Balloons & Helium Location: Viking Place, Roath Dock, Cardiff, South Glamorgan, CF10 4UU Classification: Gas Suppliers **Status: Active** Positional Accuracy: Manually positioned within the geographical locality	A8SW (S)	624	-	320766 174963
229	**Contemporary Trade Directory Entries** Name: Dazzle Cleaning Services Cardiff Ltd Location: Unit 82, Portmanmoor Road Industrial Estate, Cardiff, CF24 5HB Classification: Commercial Cleaning Services **Status: Active** Positional Accuracy: Automatically positioned to the address	A12NE (W)	633	-	320289 175815
229	**Contemporary Trade Directory Entries** Name: Economatics Industrial Ltd Location: Unit 82, Portmanmoor Road Industrial Estate, Cardiff, CF24 5HB Classification: Air Compressors **Status: Inactive** Positional Accuracy: Automatically positioned to the address	A12NE (W)	633	-	320289 175816
229	**Contemporary Trade Directory Entries** Name: Total Worxshop Supplies Ltd Location: Unit 83, Portmanmoor Road Industrial Estate, Cardiff, CF24 5HB Classification: Engineering Materials **Status: Inactive** Positional Accuracy: Automatically positioned to the address	A12NE (W)	641	-	320285 175829
229	**Contemporary Trade Directory Entries** Name: Southwest Reprographic Sales Location: Unit 86, Portmanmoor Road Industrial Estate, Cardiff, CF24 5HB Classification: Printing Equipment Manufacturers **Status: Inactive** Positional Accuracy: Automatically positioned to the address	A12NE (W)	649	-	320290 175866
229	**Contemporary Trade Directory Entries** Name: R G Printing Co Ltd Location: Unit 86, Portmanmoor Road Industrial Estate, Cardiff, CF24 5HB Classification: Printers **Status: Inactive** Positional Accuracy: Automatically positioned to the address	A12NE (W)	649	-	320290 175866
229	**Contemporary Trade Directory Entries** Name: Enerjen Future Fuels Location: Unit 86, Portmanmoor Road Industrial Estate, Cardiff, CF24 5HB Classification: Garage Services **Status: Inactive** Positional Accuracy: Automatically positioned to the address	A12NE (W)	649	-	320290 175866
229	**Contemporary Trade Directory Entries** Name: R S C Spares Location: Unit 86, Portmanmoor Road Industrial Estate, Cardiff, CF24 5HB Classification: Air Conditioning Equipment & Systems **Status: Active** Positional Accuracy: Automatically positioned to the address	A12NE (W)	649	-	320290 175866
229	**Contemporary Trade Directory Entries** Name: Psitronics Ltd Location: Unit 106, Portmanmoor Road Industrial Estate, Cardiff, CF24 5HB Classification: Electrical Engineers **Status: Inactive** Positional Accuracy: Automatically positioned to the address	A12NW (W)	654	-	320273 175834
229	**Contemporary Trade Directory Entries** Name: Product Development Corporation Location: Unit 106, Portmanmoor Road Industrial Estate, Cardiff, South Glamorgan, CF24 5HB Classification: Distribution Services **Status: Inactive** Positional Accuracy: Automatically positioned to the address	A12NW (W)	654	-	320273 175834

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
229	**Contemporary Trade Directory Entries** Name: Product Development Corporation Location: Unit 106, Portmanmoor Road Industrial Estate, Cardiff, South Glamorgan, CF24 5HB Classification: Distribution Services **Status: Inactive** Positional Accuracy: Automatically positioned to the address	A12NW (W)	655	-	320273 175834
229	**Contemporary Trade Directory Entries** Name: Tubrofix Ltd Location: Unit 105, Portmanmoor Road Industrial Estate, Cardiff, CF24 5HB Classification: Builders' Merchants **Status: Inactive** Positional Accuracy: Automatically positioned to the address	A12NW (W)	661	-	320270 175845
229	**Contemporary Trade Directory Entries** Name: A Class Location: Unit 105, Portmanmoor Road Industrial Estate, Cardiff, CF24 5HB Classification: Mot Testing Centres **Status: Inactive** Positional Accuracy: Automatically positioned to the address	A12NW (W)	661	-	320270 175845
229	**Contemporary Trade Directory Entries** Name: Simple Gas Motor Co Location: Unit 105, Portmanmoor Road Industrial Estate, Cardiff, CF24 5HB Classification: Garage Services **Status: Active** Positional Accuracy: Automatically positioned to the address	A12NW (W)	662	-	320269 175844
229	**Contemporary Trade Directory Entries** Name: G I A Office Furniture Location: Unit 104, Portmanmoor Road Industrial Estate, Cardiff, South Glamorgan, CF24 5HB Classification: Office Furniture & Equipment **Status: Inactive** Positional Accuracy: Automatically positioned to the address	A12NW (W)	664	-	320271 175857
229	**Contemporary Trade Directory Entries** Name: Eclipse Optical Laboratory Location: Unit 93, Portmanmoor Road Industrial Estate, Cardiff, South Glamorgan, CF24 5HB Classification: Optical Goods - Manufacturers **Status: Inactive** Positional Accuracy: Automatically positioned to the address	A12NW (W)	685	-	320238 175824
230	**Contemporary Trade Directory Entries** Name: Applied Products Location: Unit K5,South Point,Foreshore Rd, Cardiff, South Glamorgan, CF10 4SP Classification: Window Tinting **Status: Inactive** Positional Accuracy: Manually positioned within the geographical locality	A8SW (S)	640	-	320922 174936
230	**Contemporary Trade Directory Entries** Name: Ocean Business Supplies Ltd Location: Unit C/4, South Point, Foreshore Road, Cardiff, CF10 4SP Classification: Cleaning Materials & Equipment **Status: Active** Positional Accuracy: Automatically positioned to the address	A8SW (S)	660	-	320901 174915
231	**Contemporary Trade Directory Entries** Name: Autocare Repairs Ltd Location: Unit B/6, South Point, Foreshore Road, Cardiff, CF10 4SP Classification: Garage Services **Status: Inactive** Positional Accuracy: Automatically positioned to the address	A8SE (S)	641	-	320961 174939
231	**Contemporary Trade Directory Entries** Name: William Jones Packaging Ltd Location: Unit B/5, South Point, Foreshore Road, Cardiff, CF10 4SP Classification: Packaging Materials Manufacturers & Suppliers **Status: Active** Positional Accuracy: Automatically positioned to the address	A8SE (S)	641	-	320961 174939
231	**Contemporary Trade Directory Entries** Name: Spectrum Printing Location: Unit B/3, South Point, Foreshore Road, CARDIFF, CF10 4SP Classification: Printers **Status: Active** Positional Accuracy: Automatically positioned to the address	A8SE (S)	641	-	320961 174939

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
232	**Contemporary Trade Directory Entries** Name: Glamorgan White Lining Location: Seawall Road, Cardiff, CF24 5TH Classification: Road Marking & Surfacing Equipment & Material Manufacturers **Status: Active** Positional Accuracy: Automatically positioned to the address	A18NW (N)	668	-	320758 176356
233	**Contemporary Trade Directory Entries** Name: The Westdale Press Location: Unit 70, Portmanmoor Road Industrial Estate, CARDIFF, CF24 5HB Classification: Printers **Status: Active** Positional Accuracy: Automatically positioned to the address	A12NW (W)	681	-	320222 175742
234	**Contemporary Trade Directory Entries** Name: Cheap Print House Ltd Location: Cheap Print House Ltd Unit 101, Portmanmoor Road Industrial Estate, Portmanmoor Road, Cardiff, CF24 5HB Classification: Printers **Status: Inactive** Positional Accuracy: Automatically positioned to the address	A12NW (W)	693	-	320261 175911
234	**Contemporary Trade Directory Entries** Name: Drive Safe Car Phone Installation Location: Unit 101,Portmanmoor Rd Ind Est, Cardiff, South Glamorgan, CF24 5HB Classification: Car Kit Assemblers **Status: Inactive** Positional Accuracy: Manually positioned to the address or location	A12NW (W)	694	-	320260 175911
234	**Contemporary Trade Directory Entries** Name: Waregrain Group Location: Unit 100, Portmanmoor Road Industrial Estate, Cardiff, CF24 5HB Classification: Paint Spraying Equipment & Accessories **Status: Active** Positional Accuracy: Automatically positioned to the address	A12NW (W)	704	-	320247 175906
234	**Contemporary Trade Directory Entries** Name: D M C Accident & Custom Bodyshop Location: Unit 99, Portmanmoor Road Industrial Estate, Cardiff, CF24 5HB Classification: Car Body Repairs **Status: Inactive** Positional Accuracy: Automatically positioned to the address	A12NW (W)	716	-	320230 175897
234	**Contemporary Trade Directory Entries** Name: City Electro Diesel Location: Unit 98, Portmanmoor Road Industrial Estate, Cardiff, CF24 5HB Classification: Garage Services **Status: Inactive** Positional Accuracy: Automatically positioned to the address	A12NW (W)	716	-	320226 175885
235	**Contemporary Trade Directory Entries** Name: Ace Refrigeration Location: Unit 94, Portmanmoor Road Industrial Estate, Cardiff, CF24 5HB Classification: Air Conditioning & Refrigeration Contractors **Status: Inactive** Positional Accuracy: Automatically positioned to the address	A12NW (W)	693	-	320233 175836
235	**Contemporary Trade Directory Entries** Name: Acis Location: Unit 95-96, Portmanmoor Road Industrial Estate, Cardiff, CF24 5HB Classification: Bus & Coach Operators & Stations **Status: Active** Positional Accuracy: Automatically positioned to the address	A12NW (W)	705	-	320226 175852
235	**Contemporary Trade Directory Entries** Name: Lpg Vision (Uk) Ltd Location: Unit 95-97,Portmanmoor Rd Ind Est, Ocean Way, Cardiff, South Glamorgan, CF24 5HB Classification: Autogas Suppliers & Installers **Status: Inactive** Positional Accuracy: Manually positioned to the address or location	A12NW (W)	706	-	320225 175852
235	**Contemporary Trade Directory Entries** Name: Deere Print Finishing Location: Unit 71, Portmanmoor Road Industrial Estate, Cardiff, CF24 5HB Classification: Print Finishers **Status: Inactive** Positional Accuracy: Automatically positioned to the address	A12NW (W)	740	-	320183 175834

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
236	**Contemporary Trade Directory Entries** Name: Nipon Electric Glass (Uk) Ltd Location: Glass Avenue, Cardiff, CF24 5EN Classification: Glass Products - Manufacturers **Status: Inactive** Positional Accuracy: Automatically positioned to the address	A12SW (W)	710	-	320180 175524
237	**Contemporary Trade Directory Entries** Name: Torque Motors Ltd Location: Seawall Road, Cardiff, CF24 5TH Classification: Garage Services **Status: Active** Positional Accuracy: Automatically positioned to the address	A18NW (N)	720	-	320767 176412
237	**Contemporary Trade Directory Entries** Name: Carrington Wire Location: Seawall Road, Cardiff, CF24 5TH Classification: Wire Products - Manufacturers **Status: Inactive** Positional Accuracy: Automatically positioned to the address	A18NW (N)	728	-	320759 176418
237	**Contemporary Trade Directory Entries** Name: Conway Tolhurst Ltd Location: Seawall Road, Cardiff, CF24 5XE Classification: Sheet Metal Work **Status: Inactive** Positional Accuracy: Automatically positioned to the address	A18NW (N)	746	-	320777 176441
237	**Contemporary Trade Directory Entries** Name: B S P Sales Centre Location: Unit 5, Seawall Court, Seawall Road, CARDIFF, CF24 5PQ Classification: Pneumatic Systems & Equipment **Status: Active** Positional Accuracy: Automatically positioned to the address	A18NW (N)	747	-	320779 176442
238	**Contemporary Trade Directory Entries** Name: King David Tyres Ltd Location: Seawall Rd, Cardiff, South Glamorgan, CF24 5TH Classification: Tyre Dealers **Status: Inactive** Positional Accuracy: Manually positioned to the road within the address or location	A18NW (N)	726	-	320914 176438
238	**Contemporary Trade Directory Entries** Name: Knight Fire & Security Products Ltd Location: 84, Seawall Road, Cardiff, CF24 5TH Classification: Plastics - Injection Moulding **Status: Inactive** Positional Accuracy: Automatically positioned to the address	A18NW (N)	731	-	320925 176444
238	**Contemporary Trade Directory Entries** Name: J & H Supplies Location: unit 2b Seawall Rd, Cardiff, South Glamorgan, CF24 5TH Classification: Fireplaces & Mantelpieces **Status: Inactive** Positional Accuracy: Manually positioned to the road within the address or location	A18NW (N)	735	-	320928 176448
238	**Contemporary Trade Directory Entries** Name: Gremer Chemicals Uk Ltd Location: Seawall Road, Cardiff, CF24 5TH Classification: Cleaning Materials & Equipment **Status: Active** Positional Accuracy: Automatically positioned to the address	A18NW (N)	757	-	320916 176469
239	**Contemporary Trade Directory Entries** Name: 21st Network Ltd Location: Unit D1, South Point, Foreshore Road, Cardiff, CF10 4SP Classification: Pallets, Crates & Packing Cases **Status: Inactive** Positional Accuracy: Automatically positioned to the address	A8SE (S)	730	-	320961 174849
239	**Contemporary Trade Directory Entries** Name: Geosped Location: Unit D1,South Point,Foreshore Rd, Cardiff, South Glamorgan, CF10 4SP Classification: Freight Forwarders **Status: Inactive** Positional Accuracy: Manually positioned to the address or location	A8SW (S)	731	-	320959 174848
239	**Contemporary Trade Directory Entries** Name: Sure Freight Ltd Location: Unit D2, South Point, Foreshore Road, Cardiff, South Glamorgan, CF10 4SP Classification: Road Haulage Services **Status: Inactive** Positional Accuracy: Automatically positioned to the address	A8SE (S)	738	-	320977 174843

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
239	**Contemporary Trade Directory Entries** Name: A M E Location: South Point, Foreshore Road, Cardiff, CF10 4SP Classification: Engineers - General **Status: Active** Positional Accuracy: Automatically positioned to the address	A8SE (S)	739	-	320976 174842
239	**Contemporary Trade Directory Entries** Name: B B M Control Systems Ltd Location: Unit P3, South Point, Foreshore Road, Cardiff, CF10 4SP Classification: Control Panels **Status: Active** Positional Accuracy: Automatically positioned to the address	A8SE (S)	739	-	320976 174842
239	**Contemporary Trade Directory Entries** Name: S I G Construction Accessories Location: Southpoint,Foreshore Road, Cardiff, South Glamorgan, CF10 4SP Classification: Builders' Merchants **Status: Active** Positional Accuracy: Automatically positioned to the address	A8SE (S)	739	-	320976 174842
239	**Contemporary Trade Directory Entries** Name: Alexander Bullock Ltd Location: Unit C5 South Point,Foreshore Road, Cardiff, South Glamorgan, CF10 4SP Classification: Kitchen Furniture Manufacturers **Status: Active** Positional Accuracy: Automatically positioned to the address	A8SE (S)	739	-	320976 174842
239	**Contemporary Trade Directory Entries** Name: Applied Products Location: Unit 5,South Point,Foreshore Rd, Cardiff, South Glamorgan, CF10 4SP Classification: Window Film Manufacturers and Dealers **Status: Inactive** Positional Accuracy: Automatically positioned to the address	A8SE (S)	739	-	320976 174842
239	**Contemporary Trade Directory Entries** Name: Visible Art Location: Unit E4, South Point, Foreshore Road, Cardiff, CF10 4SP Classification: Screen Process Printers **Status: Active** Positional Accuracy: Automatically positioned to the address	A8SE (S)	739	-	320976 174842
240	**Contemporary Trade Directory Entries** Name: Alar Engineering Location: Unit 32, Portmanmoor Road Industrial Estate, CARDIFF, CF24 5HB Classification: Sheet Metal Work **Status: Active** Positional Accuracy: Automatically positioned to the address	A17SE (NW)	732	-	320313 176093
240	**Contemporary Trade Directory Entries** Name: Gremer Chemicals Location: Unit 32-34, Portmanmoor Road Industrial Estate, Cardiff, South Glamorgan, CF24 5HB Classification: Cleaning Materials & Equipment **Status: Inactive** Positional Accuracy: Manually positioned to the address or location	A17SE (NW)	732	-	320313 176093
241	**Contemporary Trade Directory Entries** Name: Logistical Carriers Location: Roath Dock, Cardiff, South Glamorgan, CF10 4ED Classification: Road Haulage Services **Status: Inactive** Positional Accuracy: Manually positioned within the geographical locality	A7NW (SW)	735	-	320276 175168
241	**Contemporary Trade Directory Entries** Name: European Metals Recycling Ltd Location: Roath Dock, Cardiff, CF10 4ED Classification: Scrap Metal Merchants **Status: Active** Positional Accuracy: Automatically positioned to the address	A7NW (SW)	757	-	320271 175137
241	**Contemporary Trade Directory Entries** Name: Breedon Aggregates Location: Roath Dock Road, Cardiff, South Glamorgan, CF10 4ED Classification: Sand, Gravel & Other Aggregates **Status: Active** Positional Accuracy: Manually positioned to the address or location	A7NW (SW)	758	-	320270 175136

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
242	**Contemporary Trade Directory Entries** Name: Tarmac C R H Location: Viking Place, Cardiff, South Glamorgan, CF10 4TR Classification: Builders' Merchants **Status: Active** Positional Accuracy: Manually positioned within the geographical locality	A8SW (S)	736	-	320751 174852
243	**Contemporary Trade Directory Entries** Name: Sealmasters Location: Unit 2, Seawall Road, Cardiff, CF24 5TH Classification: Seal & Joint Manufacturers **Status: Active** Positional Accuracy: Automatically positioned to the address	A18NE (N)	740	-	320966 176452
243	**Contemporary Trade Directory Entries** Name: B S P Pneumatic Centre Location: 5, Seawall Road, Cardiff, South Glamorgan, CF24 5TH Classification: Hydraulic Equipment & Accessories - Sales & Service **Status: Inactive** Positional Accuracy: Manually positioned to the address or location	A18NE (N)	740	-	320966 176452
243	**Contemporary Trade Directory Entries** Name: Parfitt Tyres Ltd Location: 5, Seawall Road, CARDIFF, CF24 5TH Classification: Tyre Dealers **Status: Active** Positional Accuracy: Automatically positioned to the address	A18NE (N)	740	-	320966 176452
243	**Contemporary Trade Directory Entries** Name: Seawall M O T Ltd Location: Unit 2, Seawall Road, Cardiff, CF24 5TH Classification: Car Body Repairs **Status: Active** Positional Accuracy: Automatically positioned to the address	A18NE (N)	740	-	320966 176452
243	**Contemporary Trade Directory Entries** Name: Garwill Engineering Ltd Location: Unit 5, Seawall Road, Cardiff, South Glamorgan, CF24 5TH Classification: Precision Engineers **Status: Inactive** Positional Accuracy: Automatically positioned to the address	A18NE (N)	740	-	320966 176452
243	**Contemporary Trade Directory Entries** Name: A & L Precision Engineering Ltd Location: Unit 5 Hunters Industrial Estate, Cardiff, South Glamorgan, CF24 5TH Classification: Precision Engineers **Status: Active** Positional Accuracy: Automatically positioned to the address	A18NE (N)	755	-	321009 176464
243	**Contemporary Trade Directory Entries** Name: J J Motors Cardiff Location: Unit 3, Seawall Road, Cardiff, CF24 5TH Classification: Garage Services **Status: Active** Positional Accuracy: Automatically positioned to the address	A18NE (N)	767	-	321000 176477
244	**Contemporary Trade Directory Entries** Name: S W S S Location: Unit 2, Lewis Court, 50, Portmanmoor Road Industrial Estate, CARDIFF, CF24 5HQ Classification: Car Dealers **Status: Inactive** Positional Accuracy: Automatically positioned to the address	A17SW (NW)	752	-	320236 175997
244	**Contemporary Trade Directory Entries** Name: Print Express Location: Portmanmoor Road Industrial Estate, Cardiff, CF24 5HB Classification: Printers **Status: Inactive** Positional Accuracy: Automatically positioned to the address	A17SW (NW)	752	-	320236 175997
244	**Contemporary Trade Directory Entries** Name: Print Express Location: Portmanmoor Road Industrial Estate, Cardiff, CF24 5HB Classification: Printers **Status: Inactive** Positional Accuracy: Automatically positioned to the address	A17SW (NW)	752	-	320236 175997

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
244	**Contemporary Trade Directory Entries** Name: Premier Upholstery Ltd Location: Portmanmoor Road Industrial Estate, Cardiff, CF24 5HB Classification: Upholstery Manufacturers **Status: Inactive** Positional Accuracy: Automatically positioned to the address	A17SW (NW)	752	-	320236 175997
244	**Contemporary Trade Directory Entries** Name: Spotnails Ltd Location: Portmanmoor Road Industrial Estate, Cardiff, CF24 5HB Classification: Fasteners & Fixing Devices **Status: Inactive** Positional Accuracy: Automatically positioned to the address	A17SW (NW)	752	-	320236 175997
244	**Contemporary Trade Directory Entries** Name: Jay Fasteners Location: Portmanmoor Road Industrial Estate, Cardiff, CF24 5HB Classification: Fasteners & Fixing Devices **Status: Inactive** Positional Accuracy: Automatically positioned to the address	A17SW (NW)	752	-	320236 175997
244	**Contemporary Trade Directory Entries** Name: Autocare Tyre Centre Location: Unit 50, Portmanmoor Road Industrial Estate, Cardiff, CF24 5HB Classification: Tyre Dealers **Status: Inactive** Positional Accuracy: Automatically positioned to the address	A17SW (NW)	752	-	320236 175997
245	**Contemporary Trade Directory Entries** Name: Tarmac Building Products Ltd Location: Viking Place, Cardiff, CF10 4TR Classification: Floorcoverings - Manufacturers & Wholesalers **Status: Inactive** Positional Accuracy: Automatically positioned to the address	A8SW (S)	763	-	320679 174841
245	**Contemporary Trade Directory Entries** Name: Tarmac Building Products Ltd Location: Viking Place, Cardiff, CF10 4TR Classification: Builders' Merchants **Status: Active** Positional Accuracy: Automatically positioned to the address	A8SW (S)	763	-	320679 174841
245	**Contemporary Trade Directory Entries** Name: Tarmac Building Products Ltd Location: Viking Place, Cardiff, CF10 4TR Classification: Concrete & Mortar Ready Mixed **Status: Inactive** Positional Accuracy: Automatically positioned to the address	A8SW (S)	763	-	320679 174841
246	**Contemporary Trade Directory Entries** Name: Tankfreight Ltd Location: CARE OF GULF OIL,ROATH DOCK,ROVER WAY, Cardiff, South Glamorgan, CF10 4US Classification: Oil Fuel Distributors **Status: Inactive** Positional Accuracy: Manually positioned to the road within the address or location	A7SE (SW)	764	-	320584 174874
246	**Contemporary Trade Directory Entries** Name: Emo Oil Ltd Location: Rover Way, Cardiff, South Glamorgan, CF10 4US Classification: Oil Fuel Distributors **Status: Inactive** Positional Accuracy: Manually positioned to the road within the address or location	A7SE (SW)	802	-	320554 174846
246	**Contemporary Trade Directory Entries** Name: Texaco Location: Rover Way, Cardiff, South Glamorgan, CF10 4US Classification: Oil Companies **Status: Inactive** Positional Accuracy: Manually positioned to the road within the address or location	A7SE (SW)	805	-	320552 174843
247	**Contemporary Trade Directory Entries** Name: Windowbuild Location: 55-56, Lewis Road, Cardiff, CF24 5EB Classification: Window Frame Manufacturers **Status: Active** Positional Accuracy: Automatically positioned to the address	A12NW (W)	769	-	320180 175912

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
248	**Contemporary Trade Directory Entries** Name: Uk Waste Management Ltd Location: Nationwide Works, Viking Place, Cardiff, CF10 4TS Classification: Waste Disposal Services **Status: Inactive** Positional Accuracy: Automatically positioned to the address	A8SW (S)	773	-	320786 174810
249	**Contemporary Trade Directory Entries** Name: C C F Location: Trident Industrial Park, Glass Avenue, Cardiff, CF24 5EN Classification: Builders' Merchants **Status: Active** Positional Accuracy: Automatically positioned to the address	A12SW (W)	775	-	320117 175486
250	**Contemporary Trade Directory Entries** Name: Seaport Environmental Location: Clipper Road, Roath Dock, Cardiff, CF10 4LX Classification: Waste Disposal Services **Status: Inactive** Positional Accuracy: Automatically positioned to the address	A7SE (SW)	775	-	320449 174937
251	**Contemporary Trade Directory Entries** Name: Compass Location: Trident Ind Park,5b Glass Av, Cardiff, South Glamorgan, CF24 5EN Classification: Freight Forwarders **Status: Inactive** Positional Accuracy: Manually positioned within the geographical locality	A12SW (W)	789	-	320099 175565
252	**Contemporary Trade Directory Entries** Name: Mastercare Ltd Location: Unit 54, Portmanmoor Road Industrial Estate, Cardiff, CF24 5HB Classification: Electrical Appliance Repairs **Status: Inactive** Positional Accuracy: Automatically positioned to the address	A17SW (NW)	814	-	320161 175984
253	**Contemporary Trade Directory Entries** Name: Princes Location: Unit 72, Portmanmoor Road Industrial Estate, Cardiff, CF24 5HB Classification: Soft Drinks - Manufacturers **Status: Active** Positional Accuracy: Automatically positioned to the address	A12NW (W)	836	-	320079 175814
254	**Contemporary Trade Directory Entries** Name: Bespoke Wheels Location: 24, Hinton Street, Cardiff, CF24 2EU Classification: Cycle Accessories, Manufacturers & Wholesalers **Status: Inactive** Positional Accuracy: Automatically positioned to the address	A17NE (NW)	840	-	320488 176422
255	**Contemporary Trade Directory Entries** Name: Owen Fuels Location: Rover Way, Cardiff, South Glamorgan, CF10 4US Classification: Oil Fuel Distributors **Status: Inactive** Positional Accuracy: Automatically positioned to the address	A8SW (S)	840	-	320695 174758
255	**Contemporary Trade Directory Entries** Name: Emo Oil Location: Valero Energy,Rover Way, Cardiff, South Glamorgan, CF10 4US Classification: Oil Fuel Distributors **Status: Active** Positional Accuracy: Manually positioned within the geographical locality	A8SW (S)	840	-	320695 174758
255	**Contemporary Trade Directory Entries** Name: Valero Location: Rover Way, Cardiff, CF10 4US Classification: Fuel Dealers **Status: Active** Positional Accuracy: Automatically positioned to the address	A8SW (S)	858	-	320732 174732
256	**Contemporary Trade Directory Entries** Name: Classic Restoration Location: 100, Willows Avenue, Cardiff, CF24 2SU Classification: Furniture - Repairing & Restoring **Status: Inactive** Positional Accuracy: Automatically positioned to the address	A18NE (N)	856	-	321059 176561
256	**Contemporary Trade Directory Entries** Name: 1st Choice Location: 100, Willows Avenue, Cardiff, CF24 2SU Classification: Door Manufacturers - Industrial **Status: Inactive** Positional Accuracy: Automatically positioned to the address	A18NE (N)	856	-	321059 176561

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
257	**Contemporary Trade Directory Entries** Name: Keyline Builders Merchants Location: Lewis Road, Cardiff, CF24 5ER Classification: Builders' Merchants **Status: Active** Positional Accuracy: Automatically positioned to the address	A17SW (NW)	860	-	320131 176027
258	**Contemporary Trade Directory Entries** Name: Comptech Industrial Services Location: 15 Splott Indust Est,Portmanmoor Rd, Cardiff, South Glamorgan, CF24 5FF Classification: Electrical Engineers **Status: Inactive** Positional Accuracy: Manually positioned to the address or location	A17SW (NW)	883	-	320206 176206
259	**Contemporary Trade Directory Entries** Name: Sims Metal Management Location: Rover Way, Cardiff, CF24 2RX Classification: Scrap Metal Merchants **Status: Active** Positional Accuracy: Automatically positioned to the address	A19NW (NE)	889	-	321601 176323
259	**Contemporary Trade Directory Entries** Name: Sims Metal Management Location: Rover Way, Cardiff, CF24 2RX Classification: Scrap Metal Merchants **Status: Inactive** Positional Accuracy: Automatically positioned to the address	A19NW (NE)	889	-	321601 176323
260	**Contemporary Trade Directory Entries** Name: Marquette Metal Recycling Ltd Location: Unit 2, Guest Road, CARDIFF, CF24 5JS Classification: Scrap Metal Merchants **Status: Active** Positional Accuracy: Automatically positioned to the address	A12NW (W)	913	-	319990 175764
260	**Contemporary Trade Directory Entries** Name: Colourcraft (Western) Ltd Location: Unit 2, Guest Road, Cardiff, CF24 5JS Classification: Printers **Status: Inactive** Positional Accuracy: Automatically positioned to the address	A12NW (W)	913	-	319990 175764
260	**Contemporary Trade Directory Entries** Name: Carfix Ltd Location: Unit 3, Guest Road, Cardiff, South Glamorgan, CF24 5JS Classification: Car Customisation & Conversion Specialists **Status: Inactive** Positional Accuracy: Automatically positioned to the address	A12NW (W)	922	-	319984 175781
260	**Contemporary Trade Directory Entries** Name: M O T Cardiff Location: Unit 4, Guest Road, Cardiff, CF24 5JS Classification: Garage Services **Status: Active** Positional Accuracy: Automatically positioned to the address	A12NW (W)	931	-	319977 175794
261	**Contemporary Trade Directory Entries** Name: Applied Automation Location: Neptune Point, Unit 1, Vanguard Way, Cardiff, CF24 5PG Classification: Automation Systems & Equipment **Status: Active** Positional Accuracy: Automatically positioned to the address	A12SW (W)	925	-	319964 175520
262	**Contemporary Trade Directory Entries** Name: Mdt Electrical Location: Unit 12, Splott Industrial Estate, Portmanmoor Road, Cardiff, South Glamorgan, CF24 5FF Classification: Electrical Engineers **Status: Inactive** Positional Accuracy: Automatically positioned to the address	A17SW (NW)	928	-	320182 176251
262	**Contemporary Trade Directory Entries** Name: Stephen Kearney Location: Unit 8, Splott Industrial Estate, Portmanmoor Road, Cardiff, CF24 5FF Classification: Precision Engineers **Status: Inactive** Positional Accuracy: Automatically positioned to the address	A17SW (NW)	948	-	320173 176273

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
262	**Contemporary Trade Directory Entries** Name: Tints R Us Automotive Express Location: 8, Portmanmoor Road Lane, Cardiff, CF24 5EQ Classification: Window Tinting **Status: Inactive** Positional Accuracy: Automatically positioned to the address	A17SW (NW)	965	-	320139 176253
262	**Contemporary Trade Directory Entries** Name: Direct Contact Location: 7, Portmanmoor Road Lane, Cardiff, CF24 5EQ Classification: Manufacturers **Status: Inactive** Positional Accuracy: Automatically positioned to the address	A17SW (NW)	977	-	320132 176265
262	**Contemporary Trade Directory Entries** Name: S V Motor Services Location: 7-8, Portmanmoor Road Lane, CARDIFF, CF24 5EQ Classification: Mot Testing Centres **Status: Active** Positional Accuracy: Automatically positioned to the address	A17SW (NW)	977	-	320132 176265
262	**Contemporary Trade Directory Entries** Name: M & S Metals Location: PORTMANMOOR RD, Cardiff, South Glamorgan, CF24 5FF Classification: Non-Ferrous Metals **Status: Inactive** Positional Accuracy: Manually positioned to the road within the address or location	A17SW (NW)	984	-	320147 176298
263	**Contemporary Trade Directory Entries** Name: Moore'S Commercials Location: 6, Seaview Units, Lewis Road, Cardiff, CF24 5EB Classification: Commercial Vehicle Servicing, Repairs, Parts & Accessories **Status: Active** Positional Accuracy: Automatically positioned to the address	A17SW (NW)	949	-	320086 176133
263	**Contemporary Trade Directory Entries** Name: J & S Enviromental Services Location: Seaview Buildings, Lewis Road, Cardiff, South Glamorgan, CF24 5EB Classification: Waste Disposal Services **Status: Inactive** Positional Accuracy: Manually positioned to the address or location	A17SW (NW)	964	-	320046 176090
263	**Contemporary Trade Directory Entries** Name: Masons Auto Repairs Ltd Location: 2-3 Seaview Units, Lewis Road, Cardiff, CF24 5EB Classification: Mot Testing Centres **Status: Active** Positional Accuracy: Automatically positioned to the address	A17SW (NW)	966	-	320057 176116
263	**Contemporary Trade Directory Entries** Name: Hartley'S Printing Co Location: 2, Seaview Units, Lewis Road, Cardiff, CF24 5EB Classification: Printers **Status: Inactive** Positional Accuracy: Automatically positioned to the address	A17SW (NW)	977	-	320047 176118
263	**Contemporary Trade Directory Entries** Name: Masons M O T & Service Centre Location: 2-3, Seaview Units, Lewis Road, Cardiff, CF24 5EB Classification: Mot Testing Centres **Status: Inactive** Positional Accuracy: Automatically positioned to the address	A17SW (NW)	977	-	320047 176118
263	**Contemporary Trade Directory Entries** Name: Welsh Mountain Springs Location: 1, Seaview Units, Lewis Road, Cardiff, CF24 5EB Classification: Water Coolers **Status: Inactive** Positional Accuracy: Automatically positioned to the address	A17SW (NW)	984	-	320036 176114
264	**Contemporary Trade Directory Entries** Name: Longlife Exhausts Location: Unit 7,Denvale Trade Pk,Galdames Pl, Cardiff, South Glamorgan, CF24 5PF Classification: Exhaust & Shock Absorber Centres **Status: Inactive** Positional Accuracy: Manually positioned to the address or location	A11NE (W)	959	-	319936 175714
264	**Contemporary Trade Directory Entries** Name: Longlife Exhausts Location: Unit 7,Denvale Trade Pk,Galdames Pl, Cardiff, South Glamorgan, CF24 5PF Classification: Exhaust System Manufacturers & Wholesalers **Status: Inactive** Positional Accuracy: Manually positioned to the address or location	A11NE (W)	959	-	319936 175714

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
265	**Contemporary Trade Directory Entries** Name: D D Windows Location: 24, Mercia Road, Cardiff, CF24 2TF Classification: PVC-U Products - Manufacturers & Suppliers **Status: Inactive** Positional Accuracy: Automatically positioned to the address	A23SE (N)	970	-	320998 176681
266	**Contemporary Trade Directory Entries** Name: Lewis Site Services Location: Units M321 & M322 Cardiff Workshops, Cardiff, South Glamorgan, CF24 5EJ Classification: Engineers - General **Status: Inactive** Positional Accuracy: Manually positioned within the geographical locality	A12NW (W)	981	-	319948 175887
266	**Contemporary Trade Directory Entries** Name: Creative Packaging (South Wales) Ltd Location: Unit N2, Cardiff Bay Business Centre, Titan Road, Cardiff, South Glamorgan, CF24 5EL Classification: Boxes & Cartons **Status: Inactive** Positional Accuracy: Automatically positioned to the address	A12NW (W)	990	-	319958 175951
266	**Contemporary Trade Directory Entries** Name: Cps Diesels (Sales) Ltd Location: Pack-it House,Cardiff Bay Business Centre,Louis Rd, Cardiff, South Glamorgan, CF24 5EL Classification: Engines - Sales & Service **Status: Inactive** Positional Accuracy: Manually positioned to the address or location	A12NW (W)	990	-	319958 175950
266	**Contemporary Trade Directory Entries** Name: Zenith Cleaning Specialists Ltd Location: Forgeside House, Cardiff Bay Business Centre, Forgeside Close, Cardiff, CF24 5FA Classification: Commercial Cleaning Services **Status: Inactive** Positional Accuracy: Automatically positioned to the address	A11NE (W)	991	-	319946 175918
266	**Contemporary Trade Directory Entries** Name: Fields Lab Ltd Location: M106-M107, Unit, Cardiff Bay Business Centre, Titan Road, Cardiff, CF24 5EJ Classification: Photographic Processors **Status: Inactive** Positional Accuracy: Automatically positioned to the address	A11NE (W)	991	-	319946 175918
266	**Contemporary Trade Directory Entries** Name: Marconi Marine Communication Co Ltd Location: Unit M201 Cardiff Workshops,Lewis Rd, Cardiff, South Glamorgan, CF24 5EJ Classification: Marine Equipment & Supplies **Status: Inactive** Positional Accuracy: Manually positioned to the address or location	A11NE (W)	991	-	319946 175918
266	**Contemporary Trade Directory Entries** Name: Euro Wales Metals Location: 109,Titan House,Lewis Rd, Cardiff, South Glamorgan, CF24 5EB Classification: Brass & Copper Manufacturers **Status: Inactive** Positional Accuracy: Manually positioned to the address or location	A11NE (W)	991	-	319946 175918
266	**Contemporary Trade Directory Entries** Name: Sji Systems Ltd Location: Titan House, Cardiff Bay Business Centre, Titan Road, Cardiff, South Glamorgan, CF24 5BS Classification: Cinema Equipment **Status: Inactive** Positional Accuracy: Manually positioned to the address or location	A11NE (W)	991	-	319946 175918
266	**Contemporary Trade Directory Entries** Name: Computers In The Community Recycling Ltd Location: Unit M317, Cardiff Bay Business Centre, Titan Road, Cardiff, South Glamorgan, CF24 5EJ Classification: Computer Recycling & Disposal **Status: Inactive** Positional Accuracy: Manually positioned to the address or location	A11NE (W)	991	-	319946 175918
266	**Contemporary Trade Directory Entries** Name: Imex World Cargo Ltd Location: Unit 224m,Cardiff Bay Business Centre,Titan Rd, Cardiff, South Glamorgan, CF24 5EJ Classification: Freight Forwarders **Status: Inactive** Positional Accuracy: Manually positioned to the address or location	A11NE (W)	991	-	319946 175918

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
267	**Contemporary Trade Directory Entries** Name: Frazer Location: East Tyndall Street, CARDIFF, CF24 5JA Classification: Builders' Merchants **Status: Inactive** Positional Accuracy: Automatically positioned to the address	A17SW (NW)	991	-	320096 176235
268	**Fuel Station Entries** Name: Oil4wales Cardiff Docks Location: Coaster Place, Cardiff Docks, Cardiff, South Glamorgan, Cf10 4xz Brand: Oil4wales Premises Type: Petrol Station **Status: Non-Retail** Positional Accuracy: Manually positioned to the road within the address or location	A8NW (SW)	327	-	320784 175265
269	**Points of Interest - Commercial Services** Name: E-pro Automotive Ltd Location: Unit 1 Martin Road, Tremorfa Industrial Estate, Tremorfa, Cardiff, CF24 5SD Category: Repair and Servicing Class Code: Vehicle Repair, Testing and Servicing Positional Accuracy: Positioned to address or location	A13NE (N)	5	9	320960 175706
269	**Points of Interest - Commercial Services** Name: C & B Car Repair Location: Unit 1c Martin Road, Tremorfa Industrial Estate, Tremorfa, Cardiff, CF24 5SD Category: Repair and Servicing Class Code: Vehicle Repair, Testing and Servicing Positional Accuracy: Positioned to address or location	A13NE (N)	6	9	320960 175707
269	**Points of Interest - Commercial Services** Name: Cardiff MOT Centre Location: Unit 1c Martin Road, Tremorfa Industrial Estate, Tremorfa, Cardiff, CF24 5SD Category: Repair and Servicing Class Code: Vehicle Repair, Testing and Servicing Positional Accuracy: Positioned to address or location	A13NE (N)	6	9	320960 175707
269	**Points of Interest - Commercial Services** Name: Itel Supplies Ltd Location: Unit 2 Martin Road, Tremorfa Industrial Estate, Tremorfa, Cardiff, CF24 5SD Category: Recycling Services Class Code: Recycling, Reclamation and Disposal Positional Accuracy: Positioned to address or location	A13NE (N)	16	9	320965 175715
269	**Points of Interest - Commercial Services** Name: Body & Soul Autoworks Location: Unit 3 Martin Road, Tremorfa Industrial Estate, Tremorfa, Cardiff, CF24 5SD Category: Repair and Servicing Class Code: Vehicle Repair, Testing and Servicing Positional Accuracy: Positioned to address or location	A13NE (N)	31	9	320965 175733
269	**Points of Interest - Commercial Services** Name: Action Recycling Ltd Location: Unit 6 Martin Road, Tremorfa Industrial Estate, Tremorfa, Cardiff, CF24 5SD Category: Recycling Services Class Code: Recycling, Reclamation and Disposal Positional Accuracy: Positioned to address or location	A13NE (N)	66	9	320989 175760
269	**Points of Interest - Commercial Services** Name: Action Recycling Ltd Location: Unit 6 Martin Road, Tremorfa Industrial Estate, Tremorfa, Cardiff, CF24 5SD Category: Recycling Services Class Code: Recycling, Reclamation and Disposal Positional Accuracy: Positioned to address or location	A13NE (N)	66	9	320989 175760
270	**Points of Interest - Commercial Services** Name: Panel Shop Location: Martin Road, Tremorfa Industrial Estate, Tremorfa, Cardiff, CF24 5SD Category: Recycling Services Class Code: Scrap Metal Merchants Positional Accuracy: Positioned to address or location	A13NE (NE)	109	9	321095 175703
270	**Points of Interest - Commercial Services** Name: Scrap Yard Location: Not Supplied Category: Recycling Services Class Code: Scrap Metal Merchants Positional Accuracy: Positioned to an adjacent address or location	A13NE (NE)	121	9	321101 175713
270	**Points of Interest - Commercial Services** Name: Scrap Yard Location: CF24 Category: Recycling Services Class Code: Scrap Metal Merchants Positional Accuracy: Positioned to address or location	A13NE (NE)	125	9	321102 175717

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
271	**Points of Interest - Commercial Services** Name: Shield Environmental Services Ltd Location: Unit 11 Martin Road, Tremorfa Industrial Estate, Tremorfa, Cardiff, CF24 5SD Category: Recycling Services Class Code: Recycling, Reclamation and Disposal Positional Accuracy: Positioned to address or location	A13SE (E)	122	9	321152 175602
272	**Points of Interest - Commercial Services** Name: National Engine Centre Ltd Location: Unit 1 Martin Road, Tremorfa Industrial Estate, Tremorfa, Cardiff, CF24 5SD Category: Repair and Servicing Class Code: Vehicle Repair, Testing and Servicing Positional Accuracy: Positioned to address or location	A13NE (NE)	166	9	321089 175812
272	**Points of Interest - Commercial Services** Name: E-pro Automotive Location: Unit 1 Darby Road, Tremorfa Industrial Estate, Tremorfa, Cardiff, CF24 5SB Category: Repair and Servicing Class Code: Vehicle Repair, Testing and Servicing Positional Accuracy: Positioned to address or location	A13NE (NE)	187	9	321095 175835
272	**Points of Interest - Commercial Services** Name: B & R Garages Location: Unit 1A Darby Road, Tremorfa Industrial Estate, Tremorfa, Cardiff, CF24 5SB Category: Repair and Servicing Class Code: Vehicle Repair, Testing and Servicing Positional Accuracy: Positioned to address or location	A13NE (NE)	187	9	321095 175835
272	**Points of Interest - Commercial Services** Name: 1st Choice Vehicle Dismantlers Location: Unit 12-13 Martin Road, Tremorfa Industrial Estate, Tremorfa, Cardiff, CF24 5SD Category: Recycling Services Class Code: Scrap Metal Merchants Positional Accuracy: Positioned to address or location	A13NE (NE)	199	9	321148 175787
273	**Points of Interest - Commercial Services** Name: Diggers Vehicle Dismantlers Location: Unit 15 Martin Road, Tremorfa Industrial Estate, Tremorfa, Cardiff, CF24 5SD Category: Recycling Services Class Code: Scrap Metal Merchants Positional Accuracy: Positioned to address or location	A13NE (NE)	256	9	321183 175838
273	**Points of Interest - Commercial Services** Name: Silverdell Ltd Location: Unit 11 Martin Road, Tremorfa Industrial Estate, Tremorfa, Cardiff, CF24 5SD Category: Recycling Services Class Code: Recycling, Reclamation and Disposal Positional Accuracy: Positioned to address or location	A13NE (NE)	285	9	321249 175798
273	**Points of Interest - Commercial Services** Name: E D S Location: Unit 11 Martin Road, Tremorfa Industrial Estate, Tremorfa, Cardiff, CF24 5SD Category: Recycling Services Class Code: Recycling, Reclamation and Disposal Positional Accuracy: Positioned to address or location	A13NE (NE)	286	9	321250 175799
273	**Points of Interest - Commercial Services** Name: Silverdell Ltd Location: Unit 11 Martin Road, Tremorfa Industrial Estate, Tremorfa, Cardiff, CF24 5SD Category: Recycling Services Class Code: Recycling, Reclamation and Disposal Positional Accuracy: Positioned to address or location	A13NE (NE)	286	9	321250 175799
273	**Points of Interest - Commercial Services** Name: Silverdell Asbestos Removal Plc Location: Unit 11 Martin Road, Tremorfa Industrial Estate, Tremorfa, Cardiff, CF24 5SD Category: Recycling Services Class Code: Recycling, Reclamation and Disposal Positional Accuracy: Positioned to address or location	A13NE (NE)	286	9	321250 175799
273	**Points of Interest - Commercial Services** Name: Bill Way & Co Location: Unit 16 Martin Road, Tremorfa Industrial Estate, Tremorfa, Cardiff, CF24 5SD Category: Recycling Services Class Code: Scrap Metal Merchants Positional Accuracy: Positioned to address or location	A13NE (NE)	291	9	321209 175863
274	**Points of Interest - Commercial Services** Name: Monier Redland Ltd Location: Unit 1 Pacific Business Park, Pacific Road, Cardiff, CF24 5HJ Category: Transport, Storage and Delivery Class Code: Distribution and Haulage Positional Accuracy: Positioned to address or location	A13NW (NW)	257	9	320727 175859

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
275	**Points of Interest - Commercial Services** Name: J & J Commercials Ltd Location: Unit N/2 South Point, Clos Marion, Cardiff, CF10 4LQ Category: Repair and Servicing Class Code: Vehicle Repair, Testing and Servicing Positional Accuracy: Positioned to address or location	A13SW (S)	265	9	320882 175310
275	**Points of Interest - Commercial Services** Name: Cortec Consultancy Ltd Location: Charnwood Park, Foreshore Road, Cardiff, CF10 4LZ Category: Recycling Services Class Code: Recycling, Reclamation and Disposal Positional Accuracy: Positioned to address or location	A8NW (S)	300	9	320940 175280
275	**Points of Interest - Commercial Services** Name: S I G Insulation Location: Unit H/1 South Point, Foreshore Road, Cardiff, CF10 4SP Category: Transport, Storage and Delivery Class Code: Distribution and Haulage Positional Accuracy: Positioned to address or location	A8NE (S)	335	9	320974 175251
275	**Points of Interest - Commercial Services** Name: C V S Location: Unit P/2 South Point, Clos Marion, Cardiff, CF10 4LQ Category: Repair and Servicing Class Code: Vehicle Repair, Testing and Servicing Positional Accuracy: Positioned to address or location	A8NW (S)	349	9	320887 175226
276	**Points of Interest - Commercial Services** Name: Dragon Rescue Tyres Ltd Location: Dragon House, Coaster Place, Cardiff, CF10 4XZ Category: Repair and Servicing Class Code: Vehicle Repair, Testing and Servicing Positional Accuracy: Positioned to address or location	A8NW (SW)	316	9	320771 175281
277	**Points of Interest - Commercial Services** Name: South West Wood Products Ltd Location: Unit A4 Compass Business Park, Pacific Road, Cardiff, CF24 5HL Category: Recycling Services Class Code: Recycling, Reclamation and Disposal Positional Accuracy: Positioned to address or location	A13NW (NW)	359	9	320668 175949
278	**Points of Interest - Commercial Services** Name: B R T International Ltd Location: Dragon House, Coaster Place, Cardiff, CF10 4XZ Category: Transport, Storage and Delivery Class Code: Distribution and Haulage Positional Accuracy: Positioned to address or location	A8NW (SW)	418	9	320745 175183
278	**Points of Interest - Commercial Services** Name: B R T International Location: Dragon House, Coaster Place, Cardiff, CF10 4XZ Category: Transport, Storage and Delivery Class Code: Distribution and Haulage Positional Accuracy: Positioned to address or location	A8NW (SW)	418	9	320745 175182
278	**Points of Interest - Commercial Services** Name: Dragon Truck & Van Ltd Location: Dragon House, Coaster Place, Cardiff, CF10 4XZ Category: Repair and Servicing Class Code: Vehicle Repair, Testing and Servicing Positional Accuracy: Positioned to address or location	A8NW (SW)	418	9	320745 175183
279	**Points of Interest - Commercial Services** Name: Cardiff Truck Services Ltd Location: Roath Dock, Cardiff, CF10 4ED Category: Transport, Storage and Delivery Class Code: Distribution and Haulage Positional Accuracy: Positioned to address or location	A8NW (S)	499	9	320780 175088
279	**Points of Interest - Commercial Services** Name: Cardiff Containers Ltd Location: Coldstores Road, Queen Alexandra Dock, Cardiff, CF10 4LL Category: Transport, Storage and Delivery Class Code: Distribution and Haulage Positional Accuracy: Positioned to address or location	A8NW (S)	499	9	320779 175088
280	**Points of Interest - Commercial Services** Name: M A Rees R V T Location: Old Spillers Wharf, Roath Dock, Cardiff, CF10 4ED Category: Transport, Storage and Delivery Class Code: Distribution and Haulage Positional Accuracy: Positioned to address or location	A7NE (SW)	535	9	320555 175156

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
280	**Points of Interest - Commercial Services** Name: Bridgeway Freighting Location: Clipper Road, Docks, Cardiff, CF10 4EW Category: Transport, Storage and Delivery Class Code: Distribution and Haulage Positional Accuracy: Positioned to address or location	A7NE (SW)	537	9	320581 175134
280	**Points of Interest - Commercial Services** Name: Cardiff Bay Transport Ltd Location: Clipper Road, Docks, Cardiff, CF10 4EW Category: Transport, Storage and Delivery Class Code: Distribution and Haulage Positional Accuracy: Positioned to address or location	A7NE (SW)	537	9	320581 175134
280	**Points of Interest - Commercial Services** Name: Cardiff Bay Truck Services Location: Clipper Road, Docks, Cardiff, CF10 4EW Category: Repair and Servicing Class Code: Vehicle Repair, Testing and Servicing Positional Accuracy: Positioned to address or location	A7NE (SW)	537	9	320581 175134
281	**Points of Interest - Commercial Services** Name: Scrap Yard Location: CF10 Category: Recycling Services Class Code: Scrap Metal Merchants Positional Accuracy: Positioned to address or location	A8NW (SW)	577	9	320641 175054
281	**Points of Interest - Commercial Services** Name: Smiths (UK) Ltd Location: Clipper Road, Roath Dock, Cardiff, CF10 4LX Category: Recycling Services Class Code: Scrap Metal Merchants Positional Accuracy: Positioned to address or location	A8NW (SW)	604	9	320652 175019
281	**Points of Interest - Commercial Services** Name: Smiths UK Ltd Location: Clipper Road, Roath Dock, Cardiff, CF10 4LX Category: Recycling Services Class Code: Scrap Metal Merchants Positional Accuracy: Positioned to address or location	A8NW (SW)	604	9	320652 175019
281	**Points of Interest - Commercial Services** Name: T N Smith & Sons Ltd Location: Clipper Road, Roath Dock, Cardiff, CF10 4LX Category: Recycling Services Class Code: Recycling, Reclamation and Disposal Positional Accuracy: Positioned to address or location	A8NW (SW)	604	9	320652 175019
281	**Points of Interest - Commercial Services** Name: Scrap Yard Location: CF10 Category: Recycling Services Class Code: Scrap Metal Merchants Positional Accuracy: Positioned to address or location	A8NW (SW)	644	9	320624 174988
281	**Points of Interest - Commercial Services** Name: Scrap Yard Location: Not Supplied Category: Recycling Services Class Code: Scrap Metal Merchants Positional Accuracy: Positioned to an adjacent address or location	A8NW (SW)	648	9	320625 174983
282	**Points of Interest - Commercial Services** Name: Z C C Garage Location: Mepco House 85, Seawall Road, Cardiff, CF24 5TH Category: Repair and Servicing Class Code: Vehicle Repair, Testing and Servicing Positional Accuracy: Positioned to address or location	A18NW (N)	609	9	320933 176322
282	**Points of Interest - Commercial Services** Name: Cj's Accident Repair Location: 85 Seawall Road, Cardiff, CF24 5TH Category: Repair and Servicing Class Code: Vehicle Repair, Testing and Servicing Positional Accuracy: Positioned to address or location	A18NW (N)	658	9	320866 176367
282	**Points of Interest - Commercial Services** Name: Metal Skills Location: 85 Seawall Road, Cardiff, CF24 5TH Category: Construction Services Class Code: Metalworkers Including Blacksmiths Positional Accuracy: Positioned to address or location	A18NW (N)	659	9	320866 176368

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
282	**Points of Interest - Commercial Services** Name: Metalskills Wrought Ironwork Location: 85 Seawall Road, Cardiff, CF24 5TH Category: Construction Services Class Code: Metalworkers Including Blacksmiths Positional Accuracy: Positioned to address or location	A18NW (N)	659	9	320866 176368
282	**Points of Interest - Commercial Services** Name: Car Care Body Shop Location: 85 Seawall Road, Cardiff, CF24 5TH Category: Repair and Servicing Class Code: Vehicle Repair, Testing and Servicing Positional Accuracy: Positioned to address or location	A18NW (N)	659	9	320866 176368
283	**Points of Interest - Commercial Services** Name: Product Development Corporation Location: Unit 88, Portmanmoor Road Industrial Estate, Cardiff, CF24 5HA Category: Transport, Storage and Delivery Class Code: Distribution and Haulage Positional Accuracy: Positioned to address or location	A12NE (NW)	630	9	320325 175898
284	**Points of Interest - Commercial Services** Name: Product Development Corporation Location: Unit 106, Portmanmoor Road Industrial Estate, Cardiff, CF24 5HB Category: Transport, Storage and Delivery Class Code: Distribution and Haulage Positional Accuracy: Positioned to address or location	A12NW (W)	655	9	320273 175834
284	**Points of Interest - Commercial Services** Name: A Class M O T 's Location: Unit 105, Portmanmoor Road Industrial Estate, Cardiff, CF24 5HB Category: Repair and Servicing Class Code: Vehicle Repair, Testing and Servicing Positional Accuracy: Positioned to address or location	A12NW (W)	661	9	320270 175845
284	**Points of Interest - Commercial Services** Name: Simple Gas Motor Co Location: Unit 105, Portmanmoor Road Industrial Estate, Cardiff, CF24 5HB Category: Repair and Servicing Class Code: Vehicle Repair, Testing and Servicing Positional Accuracy: Positioned to address or location	A12NW (W)	662	9	320269 175844
284	**Points of Interest - Commercial Services** Name: Auto Body Perfections Ltd Location: Unit 99, Portmanmoor Road Industrial Estate, Cardiff, CF24 5HB Category: Repair and Servicing Class Code: Vehicle Repair, Testing and Servicing Positional Accuracy: Positioned to address or location	A12NW (W)	715	9	320231 175896
284	**Points of Interest - Commercial Services** Name: City Electro Diesel Location: Unit 98, Portmanmoor Road Industrial Estate, Cardiff, CF24 5HB Category: Repair and Servicing Class Code: Vehicle Repair, Testing and Servicing Positional Accuracy: Positioned to address or location	A12NW (W)	716	9	320226 175885
284	**Points of Interest - Commercial Services** Name: City Electro Diesel Location: Unit 98, Portmanmoor Road Industrial Estate, Cardiff, CF24 5HB Category: Repair and Servicing Class Code: Vehicle Repair, Testing and Servicing Positional Accuracy: Positioned to address or location	A12NW (W)	716	9	320226 175885
285	**Points of Interest - Commercial Services** Name: Scrap Yard Location: Not Supplied Category: Recycling Services Class Code: Scrap Metal Merchants Positional Accuracy: Positioned to an adjacent address or location	A7NE (SW)	701	9	320321 175163
285	**Points of Interest - Commercial Services** Name: Scrap Yard Location: CF10 Category: Recycling Services Class Code: Scrap Metal Merchants Positional Accuracy: Positioned to an adjacent address or location	A7NE (SW)	709	9	320311 175162
285	**Points of Interest - Commercial Services** Name: European Metal Recycling Ltd Location: Roath Dock, Cardiff, CF10 4ED Category: Recycling Services Class Code: Scrap Metal Merchants Positional Accuracy: Positioned to address or location	A7NW (SW)	757	9	320271 175137

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
285	**Points of Interest - Commercial Services** Name: European Metals Recycling Ltd Location: Dowlais Wharf, Roath Dock, Cardiff, CF10 4ED Category: Recycling Services Class Code: Scrap Metal Merchants Positional Accuracy: Positioned to address or location	A7NW (SW)	758	9	320270 175136
286	**Points of Interest - Commercial Services** Name: Torque Motors Ltd Location: Seawall Road, Cardiff, CF24 5TH Category: Repair and Servicing Class Code: Vehicle Repair, Testing and Servicing Positional Accuracy: Positioned to address or location	A18NW (N)	719	9	320767 176411
287	**Points of Interest - Commercial Services** Name: Alar Engineering Ltd Location: Unit 32/34, Portmanmoor Road Industrial Estate, Cardiff, CF24 5HB Category: Construction Services Class Code: Metalworkers Including Blacksmiths Positional Accuracy: Positioned to address or location	A17SE (NW)	732	9	320313 176093
287	**Points of Interest - Commercial Services** Name: Alar Engineering Location: Unit 32, Portmanmoor Road Industrial Estate, Cardiff, CF24 5HB Category: Construction Services Class Code: Metalworkers Including Blacksmiths Positional Accuracy: Positioned to address or location	A17SE (NW)	732	9	320312 176092
288	**Points of Interest - Commercial Services** Name: Scrap Yard Location: CF24 Category: Recycling Services Class Code: Scrap Metal Merchants Positional Accuracy: Positioned to address or location	A19SW (NE)	736	9	321438 176264
288	**Points of Interest - Commercial Services** Name: Scrap Yard Location: Not Supplied Category: Recycling Services Class Code: Scrap Metal Merchants Positional Accuracy: Positioned to an adjacent address or location	A19NW (NE)	802	9	321440 176345
288	**Points of Interest - Commercial Services** Name: Scrap Yard Location: CF24 Category: Recycling Services Class Code: Scrap Metal Merchants Positional Accuracy: Positioned to address or location	A19NW (NE)	807	9	321444 176348
289	**Points of Interest - Commercial Services** Name: Sure Freight Ltd Location: Unit D2 South Point, Foreshore Road, Cardiff, CF10 4SP Category: Transport, Storage and Delivery Class Code: Distribution and Haulage Positional Accuracy: Positioned to address or location	A8SE (S)	738	9	320977 174843
289	**Points of Interest - Commercial Services** Name: Surefreight Location: Unit D/2 South Point, Foreshore Road, Cardiff, CF10 4SP Category: Transport, Storage and Delivery Class Code: Distribution and Haulage Positional Accuracy: Positioned to address or location	A8SE (S)	739	9	320976 174842
290	**Points of Interest - Commercial Services** Name: Cardiff Bay Auto Centre Ltd Location: Unit, 5 Seawall Road, Cardiff, CF24 5TH Category: Repair and Servicing Class Code: Vehicle Repair, Testing and Servicing Positional Accuracy: Positioned to address or location	A18NE (N)	740	9	320965 176452
290	**Points of Interest - Commercial Services** Name: Seawall M O T Ltd Location: Unit 2, Seawall Road, Cardiff, CF24 5TH Category: Repair and Servicing Class Code: Vehicle Repair, Testing and Servicing Positional Accuracy: Positioned to address or location	A18NE (N)	740	9	320966 176452
290	**Points of Interest - Commercial Services** Name: Seawall MOT Location: Unit 5, Seawall Road, Cardiff, CF24 5TH Category: Repair and Servicing Class Code: Vehicle Repair, Testing and Servicing Positional Accuracy: Positioned to address or location	A18NE (N)	740	9	320966 176452

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
290	**Points of Interest - Commercial Services** Name: J J Motors Cardiff Location: Unit 3, Seawall Road, Cardiff, CF24 5TH Category: Repair and Servicing Class Code: Vehicle Repair, Testing and Servicing Positional Accuracy: Positioned to address or location	A18NE (N)	764	9	320992 176475
291	**Points of Interest - Commercial Services** Name: Autocare Tyres Location: Unit 50, Portmanmoor Road Industrial Estate, Cardiff, CF24 5HB Category: Repair and Servicing Class Code: Vehicle Repair, Testing and Servicing Positional Accuracy: Positioned to address or location	A17SW (NW)	752	9	320236 175997
291	**Points of Interest - Commercial Services** Name: S W S S Location: Unit 2 Lewis Court 50, Portmanmoor Road Industrial Estate, Cardiff, CF24 5HQ Category: Repair and Servicing Class Code: Vehicle Repair, Testing and Servicing Positional Accuracy: Positioned to address or location	A17SW (NW)	752	9	320236 175996
292	**Points of Interest - Commercial Services** Name: Scrap Yard Location: CF24 Category: Recycling Services Class Code: Scrap Metal Merchants Positional Accuracy: Positioned to address or location	A19SW (NE)	869	9	321577 176317
292	**Points of Interest - Commercial Services** Name: Sims Metal Management Location: Rover Way, Cardiff, CF24 2RX Category: Recycling Services Class Code: Scrap Metal Merchants Positional Accuracy: Positioned to address or location	A19NW (NE)	888	9	321600 176322
292	**Points of Interest - Commercial Services** Name: Sims Metal UK Ltd Location: Rover Way, Cardiff, CF24 2RX Category: Recycling Services Class Code: Recycling, Reclamation and Disposal Positional Accuracy: Positioned to address or location	A19NW (NE)	889	9	321601 176323
292	**Points of Interest - Commercial Services** Name: Sims Metal Management Cardiff Location: Rover Way, Cardiff, CF24 2RX Category: Recycling Services Class Code: Scrap Metal Merchants Positional Accuracy: Positioned to address or location	A19NW (NE)	889	9	321601 176323
293	**Points of Interest - Commercial Services** Name: Torque Motors Location: 27 Singleton Road, Cardiff, CF24 2ES Category: Repair and Servicing Class Code: Vehicle Repair, Testing and Servicing Positional Accuracy: Positioned to address or location	A17NE (NW)	879	9	320355 176371
293	**Points of Interest - Commercial Services** Name: N G Motors Location: 27 Singleton Road, Cardiff, CF24 2ES Category: Repair and Servicing Class Code: Vehicle Repair, Testing and Servicing Positional Accuracy: Positioned to address or location	A17NE (NW)	879	9	320355 176371
294	**Points of Interest - Commercial Services** Name: Marquette Metal Recycling Ltd Location: Unit 2, Guest Road, Cardiff, CF24 5JS Category: Recycling Services Class Code: Scrap Metal Merchants Positional Accuracy: Positioned to address or location	A12NW (W)	914	9	319989 175764
294	**Points of Interest - Commercial Services** Name: Carfix Ltd Location: Unit 3, Guest Road, Cardiff, CF24 5JS Category: Repair and Servicing Class Code: Vehicle Repair, Testing and Servicing Positional Accuracy: Positioned to address or location	A12NW (W)	922	9	319984 175781
294	**Points of Interest - Commercial Services** Name: Car Fix Ltd Location: Unit 3, Guest Road, Cardiff, CF24 5JS Category: Repair and Servicing Class Code: Vehicle Repair, Testing and Servicing Positional Accuracy: Positioned to address or location	A12NW (W)	922	9	319984 175781

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
294	**Points of Interest - Commercial Services** Name: M O T Cardiff Location: Unit 4, Guest Road, Cardiff, CF24 5JS Category: Repair and Servicing Class Code: Vehicle Repair, Testing and Servicing Positional Accuracy: Positioned to address or location	A12NW (W)	932	9	319976 175794
295	**Points of Interest - Commercial Services** Name: Moore's Commercials Location: 6 Seaview Units, Lewis Road, Cardiff, CF24 5EB Category: Repair and Servicing Class Code: Vehicle Repair, Testing and Servicing Positional Accuracy: Positioned to address or location	A17SW (NW)	949	9	320086 176132
295	**Points of Interest - Commercial Services** Name: Mason's Auto Centre Location: 2-3 Seaview Units, Lewis Road, Cardiff, CF24 5EB Category: Repair and Servicing Class Code: Vehicle Repair, Testing and Servicing Positional Accuracy: Positioned to address or location	A17SW (NW)	966	9	320057 176116
295	**Points of Interest - Commercial Services** Name: Masons Auto Repairs Ltd Location: 2-3 Seaview Units, Lewis Road, Cardiff, CF24 5EB Category: Repair and Servicing Class Code: Vehicle Repair, Testing and Servicing Positional Accuracy: Positioned to address or location	A17SW (NW)	966	9	320057 176116
296	**Points of Interest - Commercial Services** Name: G C Auto Valeting Location: 7 Portmanmoor Road Lane, Cardiff, CF24 5EQ Category: Personal, Consumer and other Services Class Code: Vehicle Cleaning Services Positional Accuracy: Positioned to address or location	A17SW (NW)	977	9	320132 176265
296	**Points of Interest - Commercial Services** Name: S V Motor Services Location: 7 Portmanmoor Road Lane, Cardiff, CF24 5EQ Category: Repair and Servicing Class Code: Vehicle Repair, Testing and Servicing Positional Accuracy: Positioned to address or location	A17SW (NW)	977	9	320132 176265
296	**Points of Interest - Commercial Services** Name: G C Auto Valeting Location: 7 Portmanmoor Road Lane, Cardiff, CF24 5EQ Category: Personal, Consumer and other Services Class Code: Vehicle Cleaning Services Positional Accuracy: Positioned to address or location	A17SW (NW)	977	9	320132 176265
296	**Points of Interest - Commercial Services** Name: S V Motor Services Location: 7 Portmanmoor Road Lane, Cardiff, CF24 5EQ Category: Repair and Servicing Class Code: Vehicle Repair, Testing and Servicing Positional Accuracy: Positioned to address or location	A17SW (NW)	977	9	320131 176264
296	**Points of Interest - Commercial Services** Name: Scrap Yard Location: CF24 Category: Recycling Services Class Code: Scrap Metal Merchants Positional Accuracy: Positioned to address or location	A17SW (NW)	987	9	320115 176258
296	**Points of Interest - Commercial Services** Name: Scrap Yard Location: Not Supplied Category: Recycling Services Class Code: Scrap Metal Merchants Positional Accuracy: Positioned to an adjacent address or location	A17SW (NW)	989	9	320113 176257
297	**Points of Interest - Commercial Services** Name: Imex World Cargo Ltd Location: Unit 224m, Cardiff Bay Business Centre, Titan Rd, Cardiff, South Glamorgan, CF24 5EJ Category: Transport, Storage and Delivery Class Code: Distribution and Haulage Positional Accuracy: Positioned to address or location	A11NE (W)	991	9	319946 175918
297	**Points of Interest - Commercial Services** Name: Imex World Cargo Ltd Location: Unit M224 Cardiff Bay Business Centre, Titan Road, Cardiff, CF24 5EJ Category: Transport, Storage and Delivery Class Code: Distribution and Haulage Positional Accuracy: Positioned to address or location	A11NE (W)	991	9	319946 175918

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
298	**Points of Interest - Manufacturing and Production** Name: Shaft Location: CF24 Category: Extractive Industries Class Code: Unspecified Quarries Or Mines Positional Accuracy: Positioned to address or location	A13SW (S)	20	9	320941 175567
299	**Points of Interest - Manufacturing and Production** Name: Tremorfa Industrial Estate Location: CF24 Category: Industrial Features Class Code: Business Parks and Industrial Estates Positional Accuracy: Positioned to an adjacent address or location	A13NE (N)	39	9	320986 175731
300	**Points of Interest - Manufacturing and Production** Name: Tank Location: CF24 Category: Industrial Features Class Code: Tanks (Generic) Positional Accuracy: Positioned to an adjacent address or location	A13NW (N)	84	9	320890 175781
301	**Points of Interest - Manufacturing and Production** Name: Tank Location: CF24 Category: Industrial Features Class Code: Tanks (Generic) Positional Accuracy: Positioned to an adjacent address or location	A13SE (E)	90	9	321120 175600
301	**Points of Interest - Manufacturing and Production** Name: Tank Location: CF24 Category: Industrial Features Class Code: Tanks (Generic) Positional Accuracy: Positioned to an adjacent address or location	A13SE (E)	111	9	321141 175630
301	**Points of Interest - Manufacturing and Production** Name: Tank Location: CF24 Category: Industrial Features Class Code: Tanks (Generic) Positional Accuracy: Positioned to an adjacent address or location	A13SE (E)	129	9	321159 175627
302	**Points of Interest - Manufacturing and Production** Name: Tank Location: CF24 Category: Industrial Features Class Code: Tanks (Generic) Positional Accuracy: Positioned to an adjacent address or location	A13NW (N)	172	9	320927 175884
302	**Points of Interest - Manufacturing and Production** Name: Works Location: Not Supplied Category: Industrial Features Class Code: Unspecified Works Or Factories Positional Accuracy: Positioned to an adjacent address or location	A13NW (N)	241	9	320923 175953
302	**Points of Interest - Manufacturing and Production** Name: Works Location: CF24 Category: Industrial Features Class Code: Unspecified Works Or Factories Positional Accuracy: Positioned to an adjacent address or location	A13NW (N)	242	9	320923 175954
302	**Points of Interest - Manufacturing and Production** Name: Tank Location: CF24 Category: Industrial Features Class Code: Tanks (Generic) Positional Accuracy: Positioned to an adjacent address or location	A13NW (N)	249	9	320858 175949
303	**Points of Interest - Manufacturing and Production** Name: Ready-Mixed Concrete Works Location: CF24 Category: Industrial Features Class Code: Unspecified Works Or Factories Positional Accuracy: Positioned to an adjacent address or location	A13NE (NE)	175	9	321047 175852
304	**Points of Interest - Manufacturing and Production** Name: Shaft Location: CF24 Category: Extractive Industries Class Code: Unspecified Quarries Or Mines Positional Accuracy: Positioned to address or location	A13NE (E)	249	9	321263 175704

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
304	**Points of Interest - Manufacturing and Production** Name: Tank Location: CF24 Category: Industrial Features Class Code: Tanks (Generic) Positional Accuracy: Positioned to address or location	A14NW (E)	279	9	321307 175653
304	**Points of Interest - Manufacturing and Production** Name: Tank Location: CF24 Category: Industrial Features Class Code: Tanks (Generic) Positional Accuracy: Positioned to address or location	A14NW (E)	304	9	321325 175691
304	**Points of Interest - Manufacturing and Production** Name: Tanks Location: CF24 Category: Industrial Features Class Code: Tanks (Generic) Positional Accuracy: Positioned to an adjacent address or location	A14NW (E)	307	9	321331 175678
304	**Points of Interest - Manufacturing and Production** Name: Tank Location: CF24 Category: Industrial Features Class Code: Tanks (Generic) Positional Accuracy: Positioned to address or location	A14SW (E)	333	9	321364 175620
304	**Points of Interest - Manufacturing and Production** Name: Tank Location: CF24 Category: Industrial Features Class Code: Tanks (Generic) Positional Accuracy: Positioned to address or location	A14NW (E)	348	9	321353 175745
304	**Points of Interest - Manufacturing and Production** Name: Tanks Location: CF24 Category: Industrial Features Class Code: Tanks (Generic) Positional Accuracy: Positioned to an adjacent address or location	A14NW (E)	351	9	321361 175733
304	**Points of Interest - Manufacturing and Production** Name: Tank Location: CF24 Category: Industrial Features Class Code: Tanks (Generic) Positional Accuracy: Positioned to address or location	A14NW (E)	352	9	321380 175661
305	**Points of Interest - Manufacturing and Production** Name: Stonechina Location: Unit 9 Pacific Business Park, Pacific Road, Cardiff, CF24 5HJ Category: Extractive Industries Class Code: Stone Quarrying and Preparation Positional Accuracy: Positioned to address or location	A13NW (NW)	257	9	320727 175859
305	**Points of Interest - Manufacturing and Production** Name: Stonechina Location: Unit 9 Pacific Business Park, Pacific Road, Cardiff, CF24 5HJ Category: Extractive Industries Class Code: Stone Quarrying and Preparation Positional Accuracy: Positioned to address or location	A13NW (NW)	257	9	320727 175859
306	**Points of Interest - Manufacturing and Production** Name: Tank Location: CF24 Category: Industrial Features Class Code: Tanks (Generic) Positional Accuracy: Positioned to an adjacent address or location	A13NE (N)	275	9	321025 175974
306	**Points of Interest - Manufacturing and Production** Name: Works Location: Not Supplied Category: Industrial Features Class Code: Unspecified Works Or Factories Positional Accuracy: Positioned to an adjacent address or location	A18SE (N)	281	9	321012 175984
306	**Points of Interest - Manufacturing and Production** Name: Tank Location: CF24 Category: Industrial Features Class Code: Tanks (Generic) Positional Accuracy: Positioned to an adjacent address or location	A18SE (N)	341	9	321034 176040

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
307	**Points of Interest - Manufacturing and Production** Name: Tank Location: CF24 Category: Industrial Features Class Code: Tanks (Generic) Positional Accuracy: Positioned to address or location	A14NW (E)	382	9	321373 175785
307	**Points of Interest - Manufacturing and Production** Name: Cardiff Waste Water Treatment - Sewage Sludge Digestion (DECC) Location: Tide Fields Road, Splott, Cardiff, CF24 Category: Industrial Features Class Code: Energy Production Positional Accuracy: Positioned to an adjacent address or location	A14NW (NE)	397	9	321361 175835
307	**Points of Interest - Manufacturing and Production** Name: Tank Location: CF24 Category: Industrial Features Class Code: Tanks (Generic) Positional Accuracy: Positioned to address or location	A14NW (E)	427	9	321434 175754
307	**Points of Interest - Manufacturing and Production** Name: Tank Location: CF24 Category: Industrial Features Class Code: Tanks (Generic) Positional Accuracy: Positioned to address or location	A14NW (NE)	451	9	321426 175832
307	**Points of Interest - Manufacturing and Production** Name: Tanks Location: CF24 Category: Industrial Features Class Code: Tanks (Generic) Positional Accuracy: Positioned to an adjacent address or location	A14NW (NE)	454	9	321429 175832
307	**Points of Interest - Manufacturing and Production** Name: Tank Location: CF24 Category: Industrial Features Class Code: Tanks (Generic) Positional Accuracy: Positioned to address or location	A14NW (E)	476	9	321464 175812
307	**Points of Interest - Manufacturing and Production** Name: Tank Location: CF24 Category: Industrial Features Class Code: Tanks (Generic) Positional Accuracy: Positioned to address or location	A14NW (NE)	505	9	321454 175891
307	**Points of Interest - Manufacturing and Production** Name: Tank Location: CF24 Category: Industrial Features Class Code: Tanks (Generic) Positional Accuracy: Positioned to address or location	A14NW (NE)	528	9	321493 175870
308	**Points of Interest - Manufacturing and Production** Name: Works Location: Not Supplied Category: Industrial Features Class Code: Unspecified Works Or Factories Positional Accuracy: Positioned to an adjacent address or location	A18SW (N)	382	9	320848 176084
309	**Points of Interest - Manufacturing and Production** Name: Tank Location: CF24 Category: Industrial Features Class Code: Tanks (Generic) Positional Accuracy: Positioned to address or location	A14NW (NE)	390	9	321307 175894
309	**Points of Interest - Manufacturing and Production** Name: Tank Location: CF24 Category: Industrial Features Class Code: Tanks (Generic) Positional Accuracy: Positioned to address or location	A14NW (NE)	408	9	321347 175873
309	**Points of Interest - Manufacturing and Production** Name: Tank Location: CF24 Category: Industrial Features Class Code: Tanks (Generic) Positional Accuracy: Positioned to address or location	A14NW (NE)	448	9	321337 175953

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
309	**Points of Interest - Manufacturing and Production** Name: Tanks Location: CF24 Category: Industrial Features Class Code: Tanks (Generic) Positional Accuracy: Positioned to an adjacent address or location	A14NW (NE)	465	9	321370 175934
309	**Points of Interest - Manufacturing and Production** Name: Tank Location: CF24 Category: Industrial Features Class Code: Tanks (Generic) Positional Accuracy: Positioned to address or location	A14NW (NE)	470	9	321376 175933
310	**Points of Interest - Manufacturing and Production** Name: Works Location: Not Supplied Category: Industrial Features Class Code: Unspecified Works Or Factories Positional Accuracy: Positioned to an adjacent address or location	A18SE (N)	392	9	320969 176103
310	**Points of Interest - Manufacturing and Production** Name: Works Location: Not Supplied Category: Industrial Features Class Code: Unspecified Works Or Factories Positional Accuracy: Positioned to an adjacent address or location	A18SE (N)	415	9	321041 176115
311	**Points of Interest - Manufacturing and Production** Name: Tank Location: CF24 Category: Industrial Features Class Code: Tanks (Generic) Positional Accuracy: Positioned to address or location	A14NW (E)	395	9	321413 175714
312	**Points of Interest - Manufacturing and Production** Name: Dawson Stone Masonry Ltd Location: Unit 12 Pacific Business Park, Pacific Road, Cardiff, CF24 5HJ Category: Extractive Industries Class Code: Stone Quarrying and Preparation Positional Accuracy: Positioned to address or location	A12NE (NW)	425	9	320598 175968
313	**Points of Interest - Manufacturing and Production** Name: Tank Location: CF24 Category: Industrial Features Class Code: Tanks (Generic) Positional Accuracy: Positioned to an adjacent address or location	A12NE (W)	448	9	320450 175694
313	**Points of Interest - Manufacturing and Production** Name: Tank Location: CF24 Category: Industrial Features Class Code: Tanks (Generic) Positional Accuracy: Positioned to an adjacent address or location	A12NE (W)	535	9	320363 175701
314	**Points of Interest - Manufacturing and Production** Name: Tank Location: CF10 Category: Industrial Features Class Code: Tanks (Generic) Positional Accuracy: Positioned to an adjacent address or location	A7NE (SW)	461	9	320528 175287
315	**Points of Interest - Manufacturing and Production** Name: Works Location: Not Supplied Category: Industrial Features Class Code: Unspecified Works Or Factories Positional Accuracy: Positioned to an adjacent address or location	A18SE (NE)	476	9	321260 176073
316	**Points of Interest - Manufacturing and Production** Name: Tank Location: CF24 Category: Industrial Features Class Code: Tanks (Generic) Positional Accuracy: Positioned to an adjacent address or location	A12NE (NW)	516	9	320491 175971
316	**Points of Interest - Manufacturing and Production** Name: Portmanmoor Road Industrial Estate Location: CF24 Category: Industrial Features Class Code: Business Parks and Industrial Estates Positional Accuracy: Positioned to an adjacent address or location	A17SE (NW)	522	9	320525 176031

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
317	**Points of Interest - Manufacturing and Production** Name: Tank Location: CF24 Category: Industrial Features Class Code: Tanks (Generic) Positional Accuracy: Positioned to an adjacent address or location	A12NE (W)	571	9	320346 175789
318	**Points of Interest - Manufacturing and Production** Name: Tank Location: CF24 Category: Industrial Features Class Code: Tanks (Generic) Positional Accuracy: Positioned to address or location	A18SW (N)	577	9	320870 176286
318	**Points of Interest - Manufacturing and Production** Name: Tanks Location: CF24 Category: Industrial Features Class Code: Tanks (Generic) Positional Accuracy: Positioned to an adjacent address or location	A18SW (N)	581	9	320871 176290
318	**Points of Interest - Manufacturing and Production** Name: Works Location: Not Supplied Category: Industrial Features Class Code: Unspecified Works Or Factories Positional Accuracy: Positioned to an adjacent address or location	A18NW (N)	620	9	320835 176324
318	**Points of Interest - Manufacturing and Production** Name: Works Location: CF24 Category: Industrial Features Class Code: Unspecified Works Or Factories Positional Accuracy: Positioned to an adjacent address or location	A18NW (N)	620	9	320835 176324
319	**Points of Interest - Manufacturing and Production** Name: Tank Location: CF24 Category: Industrial Features Class Code: Tanks (Generic) Positional Accuracy: Positioned to address or location	A18SW (N)	580	9	320874 176289
319	**Points of Interest - Manufacturing and Production** Name: Works Location: Not Supplied Category: Industrial Features Class Code: Unspecified Works Or Factories Positional Accuracy: Positioned to an adjacent address or location	A18NW (N)	622	9	320947 176335
319	**Points of Interest - Manufacturing and Production** Name: Works Location: CF24 Category: Industrial Features Class Code: Unspecified Works Or Factories Positional Accuracy: Positioned to an adjacent address or location	A18NW (N)	623	9	320947 176336
319	**Points of Interest - Manufacturing and Production** Name: Works Location: Not Supplied Category: Industrial Features Class Code: Unspecified Works Or Factories Positional Accuracy: Positioned to an adjacent address or location	A18NW (N)	653	9	320868 176362
319	**Points of Interest - Manufacturing and Production** Name: Works Location: CF24 Category: Industrial Features Class Code: Unspecified Works Or Factories Positional Accuracy: Positioned to an adjacent address or location	A18NW (N)	653	9	320868 176362
319	**Points of Interest - Manufacturing and Production** Name: Tank Location: CF24 Category: Industrial Features Class Code: Tanks (Generic) Positional Accuracy: Positioned to an adjacent address or location	A18NW (N)	669	9	320926 176382
319	**Points of Interest - Manufacturing and Production** Name: Tank Location: CF24 Category: Industrial Features Class Code: Tanks (Generic) Positional Accuracy: Positioned to address or location	A18NW (N)	673	9	320889 176384

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
319	**Points of Interest - Manufacturing and Production** Name: Tank Location: CF24 Category: Industrial Features Class Code: Tanks (Generic) Positional Accuracy: Positioned to address or location	A18NW (N)	675	9	320885 176386
319	**Points of Interest - Manufacturing and Production** Name: Tank Location: CF24 Category: Industrial Features Class Code: Tanks (Generic) Positional Accuracy: Positioned to address or location	A18NW (N)	676	9	320891 176387
319	**Points of Interest - Manufacturing and Production** Name: Tank Location: CF24 Category: Industrial Features Class Code: Tanks (Generic) Positional Accuracy: Positioned to address or location	A18NW (N)	679	9	320889 176390
319	**Points of Interest - Manufacturing and Production** Name: Works Location: Not Supplied Category: Industrial Features Class Code: Unspecified Works Or Factories Positional Accuracy: Positioned to an adjacent address or location	A18NE (N)	682	9	321012 176391
319	**Points of Interest - Manufacturing and Production** Name: Tank Location: CF24 Category: Industrial Features Class Code: Tanks (Generic) Positional Accuracy: Positioned to an adjacent address or location	A18NW (N)	682	9	320940 176395
320	**Points of Interest - Manufacturing and Production** Name: Works Location: Not Supplied Category: Industrial Features Class Code: Unspecified Works Or Factories Positional Accuracy: Positioned to an adjacent address or location	A18SE (N)	588	9	321086 176282
321	**Points of Interest - Manufacturing and Production** Name: Tank Location: CF10 Category: Industrial Features Class Code: Tanks (Generic) Positional Accuracy: Positioned to address or location	A8SW (S)	632	9	320749 174959
321	**Points of Interest - Manufacturing and Production** Name: Tank Location: CF10 Category: Industrial Features Class Code: Tanks (Generic) Positional Accuracy: Positioned to address or location	A8SW (S)	636	9	320753 174954
321	**Points of Interest - Manufacturing and Production** Name: Tank Location: CF10 Category: Industrial Features Class Code: Tanks (Generic) Positional Accuracy: Positioned to address or location	A8SW (S)	638	9	320756 174951
321	**Points of Interest - Manufacturing and Production** Name: Tanks Location: CF10 Category: Industrial Features Class Code: Tanks (Generic) Positional Accuracy: Positioned to an adjacent address or location	A8SW (S)	642	9	320756 174947
322	**Points of Interest - Manufacturing and Production** Name: Works Location: Not Supplied Category: Industrial Features Class Code: Unspecified Works Or Factories Positional Accuracy: Positioned to an adjacent address or location	A18SW (N)	640	9	320691 176303
322	**Points of Interest - Manufacturing and Production** Name: Works Location: CF24 Category: Industrial Features Class Code: Unspecified Works Or Factories Positional Accuracy: Positioned to an adjacent address or location	A18SW (N)	641	9	320685 176302

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
322	**Points of Interest - Manufacturing and Production** Name: Works Location: Not Supplied Category: Industrial Features Class Code: Unspecified Works Or Factories Positional Accuracy: Positioned to an adjacent address or location	A18NW (N)	662	9	320756 176349
323	**Points of Interest - Manufacturing and Production** Name: Tank Location: CF24 Category: Industrial Features Class Code: Tanks (Generic) Positional Accuracy: Positioned to an adjacent address or location	A18NW (N)	656	9	320781 176350
323	**Points of Interest - Manufacturing and Production** Name: Works Location: CF24 Category: Industrial Features Class Code: Unspecified Works Or Factories Positional Accuracy: Positioned to address or location	A18NW (N)	694	9	320796 176392
323	**Points of Interest - Manufacturing and Production** Name: Works Location: Not Supplied Category: Industrial Features Class Code: Unspecified Works Or Factories Positional Accuracy: Positioned to an adjacent address or location	A18NW (N)	696	9	320794 176394
323	**Points of Interest - Manufacturing and Production** Name: Factory Location: Not Supplied Category: Industrial Features Class Code: Unspecified Works Or Factories Positional Accuracy: Positioned to an adjacent address or location	A18NW (N)	707	9	320725 176387
323	**Points of Interest - Manufacturing and Production** Name: Factory Location: CF24 Category: Industrial Features Class Code: Unspecified Works Or Factories Positional Accuracy: Positioned to an adjacent address or location	A18NW (N)	707	9	320725 176387
323	**Points of Interest - Manufacturing and Production** Name: Works Location: Not Supplied Category: Industrial Features Class Code: Unspecified Works Or Factories Positional Accuracy: Positioned to an adjacent address or location	A18NW (N)	726	9	320761 176417
323	**Points of Interest - Manufacturing and Production** Name: Works Location: CF24 Category: Industrial Features Class Code: Unspecified Works Or Factories Positional Accuracy: Positioned to an adjacent address or location	A18NW (N)	726	9	320761 176417
323	**Points of Interest - Manufacturing and Production** Name: Works Location: Not Supplied Category: Industrial Features Class Code: Unspecified Works Or Factories Positional Accuracy: Positioned to an adjacent address or location	A18NW (N)	744	9	320775 176439
323	**Points of Interest - Manufacturing and Production** Name: Works Location: Not Supplied Category: Industrial Features Class Code: Unspecified Works Or Factories Positional Accuracy: Positioned to an adjacent address or location	A18NW (N)	772	9	320738 176458
324	**Points of Interest - Manufacturing and Production** Name: Tank Location: CF10 Category: Industrial Features Class Code: Tanks (Generic) Positional Accuracy: Positioned to an adjacent address or location	A7NE (SW)	666	9	320542 175006
324	**Points of Interest - Manufacturing and Production** Name: Tanks Location: CF10 Category: Industrial Features Class Code: Tanks (Generic) Positional Accuracy: Positioned to an adjacent address or location	A7NE (SW)	694	9	320523 174985

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
324	**Points of Interest - Manufacturing and Production** Name: Tank Location: CF10 Category: Industrial Features Class Code: Tanks (Generic) Positional Accuracy: Positioned to an adjacent address or location	A7NE (SW)	720	9	320494 174972
325	**Points of Interest - Manufacturing and Production** Name: Tanks Location: CF24 Category: Industrial Features Class Code: Tanks (Generic) Positional Accuracy: Positioned to an adjacent address or location	A18NE (N)	673	9	321045 176377
326	**Points of Interest - Manufacturing and Production** Name: Tanks Location: CF24 Category: Industrial Features Class Code: Tanks (Generic) Positional Accuracy: Positioned to an adjacent address or location	A18NW (N)	679	9	320876 176389
326	**Points of Interest - Manufacturing and Production** Name: Works Location: Not Supplied Category: Industrial Features Class Code: Unspecified Works Or Factories Positional Accuracy: Positioned to an adjacent address or location	A18NW (N)	680	9	320825 176383
326	**Points of Interest - Manufacturing and Production** Name: Works Location: CF24 Category: Industrial Features Class Code: Unspecified Works Or Factories Positional Accuracy: Positioned to an adjacent address or location	A18NW (N)	680	9	320825 176383
326	**Points of Interest - Manufacturing and Production** Name: Works Location: Not Supplied Category: Industrial Features Class Code: Unspecified Works Or Factories Positional Accuracy: Positioned to an adjacent address or location	A18NW (N)	724	9	320858 176432
326	**Points of Interest - Manufacturing and Production** Name: Works Location: CF24 Category: Industrial Features Class Code: Unspecified Works Or Factories Positional Accuracy: Positioned to an adjacent address or location	A18NW (N)	724	9	320858 176432
326	**Points of Interest - Manufacturing and Production** Name: Works Location: Not Supplied Category: Industrial Features Class Code: Unspecified Works Or Factories Positional Accuracy: Positioned to an adjacent address or location	A18NW (N)	748	9	320826 176452
326	**Points of Interest - Manufacturing and Production** Name: Works Location: CF24 Category: Industrial Features Class Code: Unspecified Works Or Factories Positional Accuracy: Positioned to an adjacent address or location	A18NW (N)	749	9	320826 176453
327	**Points of Interest - Manufacturing and Production** Name: Works Location: Not Supplied Category: Industrial Features Class Code: Unspecified Works Or Factories Positional Accuracy: Positioned to an adjacent address or location	A18NW (N)	718	9	320938 176431
327	**Points of Interest - Manufacturing and Production** Name: Works Location: Not Supplied Category: Industrial Features Class Code: Unspecified Works Or Factories Positional Accuracy: Positioned to an adjacent address or location	A18NE (N)	740	9	320972 176452
327	**Points of Interest - Manufacturing and Production** Name: Works Location: CF24 Category: Industrial Features Class Code: Unspecified Works Or Factories Positional Accuracy: Positioned to an adjacent address or location	A18NE (N)	740	9	320972 176452

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
328	**Points of Interest - Manufacturing and Production** Name: Trident Park - EfW Incineration (DECC) Location: Land At Trident Park, Glass Avenue, Cardiff, CF24 5EN Category: Industrial Features Class Code: Energy Production Positional Accuracy: Positioned to address or location	A12SW (W)	727	9	320200 175339
329	**Points of Interest - Manufacturing and Production** Name: Tank Location: CF24 Category: Industrial Features Class Code: Tanks (Generic) Positional Accuracy: Positioned to an adjacent address or location	A12NW (W)	738	9	320197 175870
330	**Points of Interest - Manufacturing and Production** Name: Works (Ready-Mixed Concrete) Location: CF10 Category: Industrial Features Class Code: Unspecified Works Or Factories Positional Accuracy: Positioned to an adjacent address or location	A8SW (S)	743	9	320714 174853
331	**Points of Interest - Manufacturing and Production** Name: Tank Location: CF24 Category: Industrial Features Class Code: Tanks (Generic) Positional Accuracy: Positioned to an adjacent address or location	A18NE (N)	748	9	321205 176411
332	**Points of Interest - Manufacturing and Production** Name: Tank Location: CF24 Category: Industrial Features Class Code: Tanks (Generic) Positional Accuracy: Positioned to an adjacent address or location	A19NW (NE)	751	9	321315 176362
332	**Points of Interest - Manufacturing and Production** Name: Tank Location: CF24 Category: Industrial Features Class Code: Tanks (Generic) Positional Accuracy: Positioned to an adjacent address or location	A19NW (NE)	771	9	321337 176373
333	**Points of Interest - Manufacturing and Production** Name: Tank Location: CF24 Category: Industrial Features Class Code: Tanks (Generic) Positional Accuracy: Positioned to an adjacent address or location	A19NW (NE)	768	9	321319 176380
333	**Points of Interest - Manufacturing and Production** Name: Tank Location: CF24 Category: Industrial Features Class Code: Tanks (Generic) Positional Accuracy: Positioned to an adjacent address or location	A19NW (NE)	788	9	321336 176393
333	**Points of Interest - Manufacturing and Production** Name: Tank Location: CF24 Category: Industrial Features Class Code: Tanks (Generic) Positional Accuracy: Positioned to an adjacent address or location	A19NW (NE)	833	9	321357 176433
333	**Points of Interest - Manufacturing and Production** Name: Works Location: Not Supplied Category: Industrial Features Class Code: Unspecified Works Or Factories Positional Accuracy: Positioned to an adjacent address or location	A19NW (NE)	846	9	321323 176466
333	**Points of Interest - Manufacturing and Production** Name: Tank Location: CF24 Category: Industrial Features Class Code: Tanks (Generic) Positional Accuracy: Positioned to an adjacent address or location	A19NW (NE)	849	9	321367 176445
333	**Points of Interest - Manufacturing and Production** Name: Works Location: CF24 Category: Industrial Features Class Code: Unspecified Works Or Factories Positional Accuracy: Positioned to address or location	A19NW (NE)	877	9	321348 176488

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
333	**Points of Interest - Manufacturing and Production** Name: Works Location: Not Supplied Category: Industrial Features Class Code: Unspecified Works Or Factories Positional Accuracy: Positioned to an adjacent address or location	A19NW (NE)	918	9	321365 176525
334	**Points of Interest - Manufacturing and Production** Name: Tank Location: CF10 Category: Industrial Features Class Code: Tanks (Generic) Positional Accuracy: Positioned to an adjacent address or location	A7SE (SW)	770	9	320620 174853
334	**Points of Interest - Manufacturing and Production** Name: Tank Location: CF10 Category: Industrial Features Class Code: Tanks (Generic) Positional Accuracy: Positioned to address or location	A7SE (S)	788	9	320621 174834
334	**Points of Interest - Manufacturing and Production** Name: Tank Location: CF10 Category: Industrial Features Class Code: Tanks (Generic) Positional Accuracy: Positioned to address or location	A7SE (SW)	818	9	320593 174812
335	**Points of Interest - Manufacturing and Production** Name: Tank Location: CF10 Category: Industrial Features Class Code: Tanks (Generic) Positional Accuracy: Positioned to address or location	A8SW (S)	830	9	320670 174774
335	**Points of Interest - Manufacturing and Production** Name: Tanks Location: CF10 Category: Industrial Features Class Code: Tanks (Generic) Positional Accuracy: Positioned to an adjacent address or location	A8SW (S)	835	9	320638 174778
335	**Points of Interest - Manufacturing and Production** Name: Tank Location: CF10 Category: Industrial Features Class Code: Tanks (Generic) Positional Accuracy: Positioned to address or location	A7SE (S)	838	9	320607 174786
335	**Points of Interest - Manufacturing and Production** Name: Tank Location: CF10 Category: Industrial Features Class Code: Tanks (Generic) Positional Accuracy: Positioned to address or location	A8SW (S)	851	9	320663 174754
335	**Points of Interest - Manufacturing and Production** Name: Tank Location: CF10 Category: Industrial Features Class Code: Tanks (Generic) Positional Accuracy: Positioned to address or location	A8SW (S)	852	9	320623 174765
335	**Points of Interest - Manufacturing and Production** Name: Tank Location: CF10 Category: Industrial Features Class Code: Tanks (Generic) Positional Accuracy: Positioned to address or location	A8SW (S)	859	9	320645 174751
335	**Points of Interest - Manufacturing and Production** Name: Tank Location: CF10 Category: Industrial Features Class Code: Tanks (Generic) Positional Accuracy: Positioned to address or location	A8SW (S)	868	9	320655 174739
335	**Points of Interest - Manufacturing and Production** Name: Tank Location: CF10 Category: Industrial Features Class Code: Tanks (Generic) Positional Accuracy: Positioned to address or location	A8SW (S)	873	9	320635 174740

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
335	**Points of Interest - Manufacturing and Production** Name: Tank Location: CF10 Category: Industrial Features Class Code: Tanks (Generic) Positional Accuracy: Positioned to address or location	A8SW (S)	881	9	320642 174729
335	**Points of Interest - Manufacturing and Production** Name: Tank Location: CF10 Category: Industrial Features Class Code: Tanks (Generic) Positional Accuracy: Positioned to an adjacent address or location	A8SW (S)	887	9	320646 174722
335	**Points of Interest - Manufacturing and Production** Name: Tank Location: CF10 Category: Industrial Features Class Code: Tanks (Generic) Positional Accuracy: Positioned to address or location	A8SW (S)	929	9	320625 174684
335	**Points of Interest - Manufacturing and Production** Name: Tank Location: CF10 Category: Industrial Features Class Code: Tanks (Generic) Positional Accuracy: Positioned to address or location	A8SW (S)	930	9	320635 174680
335	**Points of Interest - Manufacturing and Production** Name: Tank Location: CF10 Category: Industrial Features Class Code: Tanks (Generic) Positional Accuracy: Positioned to address or location	A8SW (S)	934	9	320623 174679
335	**Points of Interest - Manufacturing and Production** Name: Tank Location: CF10 Category: Industrial Features Class Code: Tanks (Generic) Positional Accuracy: Positioned to address or location	A8SW (S)	940	9	320632 174671
335	**Points of Interest - Manufacturing and Production** Name: Tanks Location: CF10 Category: Industrial Features Class Code: Tanks (Generic) Positional Accuracy: Positioned to an adjacent address or location	A7SE (S)	940	9	320616 174675
335	**Points of Interest - Manufacturing and Production** Name: Tank Location: CF10 Category: Industrial Features Class Code: Tanks (Generic) Positional Accuracy: Positioned to address or location	A7SE (S)	948	9	320613 174668
335	**Points of Interest - Manufacturing and Production** Name: Tank Location: CF10 Category: Industrial Features Class Code: Tanks (Generic) Positional Accuracy: Positioned to address or location	A7SE (S)	955	9	320620 174659
335	**Points of Interest - Manufacturing and Production** Name: Tank Location: CF10 Category: Industrial Features Class Code: Tanks (Generic) Positional Accuracy: Positioned to address or location	A8SW (S)	957	9	320639 174651
335	**Points of Interest - Manufacturing and Production** Name: Tanks Location: CF10 Category: Industrial Features Class Code: Tanks (Generic) Positional Accuracy: Positioned to an adjacent address or location	A8SW (S)	962	9	320622 174651
335	**Points of Interest - Manufacturing and Production** Name: Tank Location: CF10 Category: Industrial Features Class Code: Tanks (Generic) Positional Accuracy: Positioned to address or location	A7SE (S)	964	9	320606 174653

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
336	**Points of Interest - Manufacturing and Production** Name: Tank Location: CF24 Category: Industrial Features Class Code: Tanks (Generic) Positional Accuracy: Positioned to an adjacent address or location	A7NW (SW)	840	9	320143 175187
337	**Points of Interest - Manufacturing and Production** Name: Tank Location: CF24 Category: Industrial Features Class Code: Tanks (Generic) Positional Accuracy: Positioned to an adjacent address or location	A19NW (NE)	882	9	321423 176452
338	**Points of Interest - Manufacturing and Production** Name: Tank Location: CF10 Category: Industrial Features Class Code: Tanks (Generic) Positional Accuracy: Positioned to address or location	A8SW (S)	916	9	320770 174667
338	**Points of Interest - Manufacturing and Production** Name: Tanks Location: CF10 Category: Industrial Features Class Code: Tanks (Generic) Positional Accuracy: Positioned to an adjacent address or location	A8SW (S)	931	9	320775 174651
338	**Points of Interest - Manufacturing and Production** Name: Tank Location: CF10 Category: Industrial Features Class Code: Tanks (Generic) Positional Accuracy: Positioned to address or location	A8SW (S)	938	9	320790 174642
338	**Points of Interest - Manufacturing and Production** Name: Tank Location: CF10 Category: Industrial Features Class Code: Tanks (Generic) Positional Accuracy: Positioned to address or location	A8SW (S)	945	9	320726 174644
338	**Points of Interest - Manufacturing and Production** Name: Tank Location: CF10 Category: Industrial Features Class Code: Tanks (Generic) Positional Accuracy: Positioned to address or location	A8SW (S)	945	9	320766 174638
338	**Points of Interest - Manufacturing and Production** Name: Tanks Location: CF10 Category: Industrial Features Class Code: Tanks (Generic) Positional Accuracy: Positioned to an adjacent address or location	A8SW (S)	950	9	320728 174639
338	**Points of Interest - Manufacturing and Production** Name: Tank Location: CF10 Category: Industrial Features Class Code: Tanks (Generic) Positional Accuracy: Positioned to address or location	A8SW (S)	951	9	320719 174639
338	**Points of Interest - Manufacturing and Production** Name: Tank Location: CF10 Category: Industrial Features Class Code: Tanks (Generic) Positional Accuracy: Positioned to address or location	A3NW (S)	966	9	320780 174615
338	**Points of Interest - Manufacturing and Production** Name: Tank Location: CF10 Category: Industrial Features Class Code: Tanks (Generic) Positional Accuracy: Positioned to address or location	A3NW (S)	968	9	320733 174620
338	**Points of Interest - Manufacturing and Production** Name: Tanks Location: CF10 Category: Industrial Features Class Code: Tanks (Generic) Positional Accuracy: Positioned to an adjacent address or location	A3NW (S)	971	9	320753 174614

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
339	**Points of Interest - Manufacturing and Production** Name: Seaview Industrial Estate Location: CF24 Category: Industrial Features Class Code: Business Parks and Industrial Estates Positional Accuracy: Positioned to an adjacent address or location	A17SW (NW)	935	9	320080 176092
340	**Points of Interest - Manufacturing and Production** Name: Tank Location: CF24 Category: Industrial Features Class Code: Tanks (Generic) Positional Accuracy: Positioned to an adjacent address or location	A17SW (NW)	941	9	320152 176230
340	**Points of Interest - Manufacturing and Production** Name: Splott Industrial Estate Location: CF24 Category: Industrial Features Class Code: Business Parks and Industrial Estates Positional Accuracy: Positioned to an adjacent address or location	A17SW (NW)	948	9	320167 176264
341	**Points of Interest - Manufacturing and Production** Name: Works Location: CF24 Category: Industrial Features Class Code: Unspecified Works Or Factories Positional Accuracy: Positioned to an adjacent address or location	A19NW (NE)	958	9	321513 176484
341	**Points of Interest - Manufacturing and Production** Name: Works Location: Not Supplied Category: Industrial Features Class Code: Unspecified Works Or Factories Positional Accuracy: Positioned to an adjacent address or location	A19NW (NE)	961	9	321518 176484
342	**Points of Interest - Manufacturing and Production** Name: Tank Location: CF10 Category: Industrial Features Class Code: Tanks (Generic) Positional Accuracy: Positioned to address or location	A7SE (S)	978	9	320591 174643
342	**Points of Interest - Manufacturing and Production** Name: Tank Location: CF10 Category: Industrial Features Class Code: Tanks (Generic) Positional Accuracy: Positioned to address or location	A2NE (S)	991	9	320604 174626
343	**Points of Interest - Public Infrastructure** Name: Action Recycling Ltd Location: Unit 6 Martin Road, Tremorfa Industrial Estate, Tremorfa, Cardiff, CF24 5SD Category: Infrastructure and Facilities Class Code: Recycling Centres Positional Accuracy: Positioned to address or location	A13NE (N)	66	9	320989 175760
344	**Points of Interest - Public Infrastructure** Name: Coffer Dam Location: CF10 Category: Water Class Code: Weirs, Sluices and Dams Positional Accuracy: Positioned to an adjacent address or location	A13SW (S)	74	9	320911 175505
344	**Points of Interest - Public Infrastructure** Name: Main Sewer Outfall Location: CF10 Category: Infrastructure and Facilities Class Code: Waste Storage, Processing and Disposal Positional Accuracy: Positioned to an adjacent address or location	A13SW (S)	141	9	320951 175445
345	**Points of Interest - Public Infrastructure** Name: Cleanaway Ltd Location: Rover Way, Cardiff, CF24 2RX Category: Infrastructure and Facilities Class Code: Waste Storage, Processing and Disposal Positional Accuracy: Positioned to address or location	A18SE (NE)	465	9	321165 176118
346	**Points of Interest - Public Infrastructure** Name: Slag Heap Location: CF24 Category: Infrastructure and Facilities Class Code: Refuse Disposal Facilities Positional Accuracy: Positioned to an adjacent address or location	A19SW (NE)	618	9	321372 176165

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
347	**Points of Interest - Public Infrastructure** Name: Moorland Environmental Ltd Location: Unit 43, Portmanmoor Road Industrial Estate, Cardiff, CF24 5HB Category: Infrastructure and Facilities Class Code: Waste Storage, Processing and Disposal Positional Accuracy: Positioned to address or location	A17SE (NW)	638	9	320451 176125
348	**Points of Interest - Public Infrastructure** Name: Acis Location: 95 96 Portmanmoor Rd Ind Est, Cardiff, South Glamorgan, CF24 5HB Category: Public Transport, Stations and Infrastructure Class Code: Bus and Coach Stations, Depots and Companies Positional Accuracy: Positioned to address or location	A12NW (W)	694	9	320232 175835
348	**Points of Interest - Public Infrastructure** Name: Acis Location: Unit 95-96, Portmanmoor Road Industrial Estate, Cardiff, CF24 5HB Category: Public Transport, Stations and Infrastructure Class Code: Bus and Coach Stations, Depots and Companies Positional Accuracy: Positioned to address or location	A12NW (W)	705	9	320225 175851
349	**Points of Interest - Public Infrastructure** Name: Biffa Waste Services Ltd Location: Nationwide Works, Viking Place, Cardiff, CF10 4TS Category: Infrastructure and Facilities Class Code: Waste Storage, Processing and Disposal Positional Accuracy: Positioned to address or location	A8SW (S)	773	9	320786 174810
350	**Points of Interest - Public Infrastructure** Name: Seaport Environmental Location: Clipper Road, Roath Dock, Cardiff, CF10 4LX Category: Infrastructure and Facilities Class Code: Waste Storage, Processing and Disposal Positional Accuracy: Positioned to address or location	A7SE (SW)	775	9	320449 174937
350	**Points of Interest - Public Infrastructure** Name: Seaport Environmental Location: Clipper Road, Roath Dock, Cardiff, CF10 4LX Category: Infrastructure and Facilities Class Code: Recycling Centres Positional Accuracy: Positioned to address or location	A7SE (SW)	775	9	320449 174937
351	**Points of Interest - Public Infrastructure** Name: Cleanaway Ltd Location: Rover Way, Cardiff, CF24 5UX Category: Infrastructure and Facilities Class Code: Waste Storage, Processing and Disposal Positional Accuracy: Positioned to address or location	A19NW (NE)	852	9	321459 176392
352	**Points of Interest - Public Infrastructure** Name: Waste Recycling Centre Location: Not Supplied Category: Infrastructure and Facilities Class Code: Recycling Centres Positional Accuracy: Positioned to an adjacent address or location	A8SW (S)	863	9	320831 174714
352	**Points of Interest - Public Infrastructure** Name: Waste Recycling Centre Location: Rover Way, CF10 Category: Infrastructure and Facilities Class Code: Recycling Centres Positional Accuracy: Positioned to address or location	A8SW (S)	864	9	320826 174714

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
353	**Ramsar Sites** Name: Severn Estuary (Wales) Multiple Areas: Y Total Area (m2): 68891898.01 Source: Natural Resources Wales Reference: UK11081 Designation Date: 13th July 1995	A13SW (S)	75	3	320957 175499
354	**Sites of Special Scientific Interest** Name: Severn Estuary Multiple Areas: Y Total Area (m2): 68537733.72 Source: Natural Resources Wales Reference: 46133wgx Designation Details: Biological Designation Date: 1st January 1976 Date Type: Notified	A13SW (S)	75	3	320957 175499
355	**Special Areas of Conservation** Name: Severn Estuary (Wales) Multiple Areas: N Total Area (m2): 267698780.64 Source: Natural Resources Wales Reference: UK0013030 **Status: Designated**	A13SW (S)	75	3	320957 175499
356	**Special Protection Areas** Name: Severn Estuary (Wales) Multiple Areas: Y Total Area (m2): 68891897.65 Source: Natural Resources Wales Reference: UK9015022 Designation Date: 11th July 1995	A13SW (S)	75	3	320957 175499

Agency & Hydrological	Version	Update Cycle
Contaminated Land Register Entries and Notices		
Vale Of Glamorgan County Borough Council - Environmental Health Department	April 2014	Annual Rolling Update
Newport City Council - Public Protection and Environmental Services	January 2015	Annual Rolling Update
Cardiff Council - Pollution Control Division	September 2014	Annual Rolling Update
Discharge Consents		
Environment Agency - Welsh Region	August 2014	Quarterly
Natural Resources Wales	November 2016	Quarterly
Enforcement and Prohibition Notices		
Environment Agency - Welsh Region	March 2013	As notified
Integrated Pollution Controls		
Environment Agency - Welsh Region	October 2008	Not Applicable
Integrated Pollution Prevention And Control		
Environment Agency - Welsh Region	January 2017	Quarterly
Natural Resources Wales	November 2016	Quarterly
Local Authority Integrated Pollution Prevention And Control		
Newport City Council - Public Protection and Environmental Services	June 2014	Annual Rolling Update
Vale Of Glamorgan County Borough Council - Environmental Health Department	June 2014	Annual Rolling Update
Cardiff Council - Pollution Control Division	March 2016	Annual Rolling Update
Local Authority Pollution Prevention and Controls		
Newport City Council - Public Protection and Environmental Services	June 2014	Annual Rolling Update
Vale Of Glamorgan County Borough Council - Environmental Health Department	June 2014	Annual Rolling Update
Cardiff Council - Pollution Control Division	March 2016	Annual Rolling Update
Local Authority Pollution Prevention and Control Enforcements		
Newport City Council - Public Protection and Environmental Services	June 2014	Annual Rolling Update
Vale Of Glamorgan County Borough Council - Environmental Health Department	June 2014	Annual Rolling Update
Cardiff Council - Pollution Control Division	March 2016	Annual Rolling Update
Nearest Surface Water Feature		
Ordnance Survey	July 2012	Quarterly
Pollution Incidents to Controlled Waters		
Environment Agency - Welsh Region	December 1998	Not Applicable
Prosecutions Relating to Authorised Processes		
Environment Agency - Welsh Region	March 2013	As notified
Natural Resources Wales	March 2013	As notified
Prosecutions Relating to Controlled Waters		
Environment Agency - Welsh Region	March 2013	As notified
Natural Resources Wales	March 2013	As notified
River Quality		
Environment Agency - Head Office	November 2001	Not Applicable
Substantiated Pollution Incident Register		
Environment Agency Wales - South East Area	January 2017	Quarterly
Natural Resources Wales	July 2016	Quarterly
Water Abstractions		
Natural Resources Wales	April 2016	Quarterly
Environment Agency - Welsh Region	October 2016	Quarterly
Water Industry Act Referrals		
Environment Agency - Welsh Region	January 2017	Quarterly
Natural Resources Wales	October 2015	Quarterly
Groundwater Vulnerability		
Environment Agency - Head Office	April 2015	Not Applicable
Bedrock Aquifer Designations		
British Geological Survey - National Geoscience Information Service	August 2015	As notified

Agency & Hydrological	Version	Update Cycle
Superficial Aquifer Designations British Geological Survey - National Geoscience Information Service	August 2015	As notified
Source Protection Zones Natural Resources Wales	November 2016	Quarterly
Extreme Flooding from Rivers or Sea without Defences Natural Resources Wales	November 2016	Quarterly
Flooding from Rivers or Sea without Defences Natural Resources Wales	November 2016	Quarterly
Areas Benefiting from Flood Defences Natural Resources Wales	February 2017	Quarterly
Flood Water Storage Areas Natural Resources Wales	February 2017	Quarterly
Flood Defences Natural Resources Wales	November 2016	Quarterly
Detailed River Network Lines Environment Agency - Head Office	September 2014	Annually
Detailed River Network Offline Drainage Environment Agency - Head Office	March 2012	Annually
Surface Water 1 in 30 year Flood Extent Natural Resources Wales	October 2013	As notified
Surface Water 1 in 100 year Flood Extent Natural Resources Wales	October 2013	As notified
Surface Water 1 in 1000 year Flood Extent Natural Resources Wales	October 2013	As notified
Surface Water Suitability Natural Resources Wales	October 2013	As notified
BGS Groundwater Flooding Susceptibility British Geological Survey - National Geoscience Information Service	May 2013	Annually

Waste	Version	Update Cycle
BGS Recorded Landfill Sites		
British Geological Survey - National Geoscience Information Service	June 1996	Not Applicable
Historical Landfill Sites		
Natural Resources Wales	January 2017	Quarterly
Integrated Pollution Control Registered Waste Sites		
Environment Agency - Welsh Region	October 2008	Not Applicable
Licensed Waste Management Facilities (Landfill Boundaries)		
Environment Agency Wales - South East Area	August 2016	Quarterly
Natural Resources Wales	August 2016	Quarterly
Licensed Waste Management Facilities (Locations)		
Environment Agency Wales - South East Area	January 2017	Quarterly
Natural Resources Wales	October 2015	Quarterly
Local Authority Landfill Coverage		
Cardiff Council	May 2000	Not Applicable
Newport City Council	May 2000	Not Applicable
Vale Of Glamorgan County Borough Council	May 2000	Not Applicable
Local Authority Recorded Landfill Sites		
Cardiff Council	May 2000	Not Applicable
Newport City Council	May 2000	Not Applicable
Vale Of Glamorgan County Borough Council	May 2000	Not Applicable
Potentially Infilled Land (Non-Water)		
Landmark Information Group Limited	December 1999	Not Applicable
Potentially Infilled Land (Water)		
Landmark Information Group Limited	December 1999	Not Applicable
Registered Landfill Sites		
Environment Agency Wales - South East Area	March 2003	Not Applicable
Registered Waste Transfer Sites		
Environment Agency Wales - South East Area	March 2003	Not Applicable
Registered Waste Treatment or Disposal Sites		
Environment Agency Wales - South East Area	March 2003	Not Applicable
Hazardous Substances	**Version**	**Update Cycle**
Control of Major Accident Hazards Sites (COMAH)		
Health and Safety Executive	July 2016	Bi-Annually
Explosive Sites		
Health and Safety Executive	September 2016	Bi-Annually
Notification of Installations Handling Hazardous Substances (NIHHS)		
Health and Safety Executive	November 2000	Not Applicable
Planning Hazardous Substance Enforcements		
Vale Of Glamorgan County Borough Council - Planning Department	January 2016	Annual Rolling Update
Cardiff Council - Regulatory Services	October 2015	Annual Rolling Update
Newport City Council - Planning Department	October 2015	Annual Rolling Update
Planning Hazardous Substance Consents		
Vale Of Glamorgan County Borough Council - Planning Department	January 2016	Annual Rolling Update
Cardiff Council - Regulatory Services	October 2015	Annual Rolling Update
Newport City Council - Planning Department	October 2015	Annual Rolling Update

Geological	Version	Update Cycle
BGS 1:625,000 Solid Geology British Geological Survey - National Geoscience Information Service	January 2009	Not Applicable
BGS Estimated Soil Chemistry British Geological Survey - National Geoscience Information Service	October 2015	As notified
BGS Recorded Mineral Sites British Geological Survey - National Geoscience Information Service	October 2016	Bi-Annually
BGS Urban Soil Chemistry British Geological Survey - National Geoscience Information Service	October 2015	As notified
BGS Urban Soil Chemistry Averages British Geological Survey - National Geoscience Information Service	October 2015	As notified
Coal Mining Affected Areas The Coal Authority - Property Searches	March 2014	As notified
Mining Instability Ove Arup & Partners	October 2000	Not Applicable
Non Coal Mining Areas of Great Britain British Geological Survey - National Geoscience Information Service	May 2015	Not Applicable
Potential for Collapsible Ground Stability Hazards British Geological Survey - National Geoscience Information Service	June 2015	Annually
Potential for Compressible Ground Stability Hazards British Geological Survey - National Geoscience Information Service	June 2015	Annually
Potential for Ground Dissolution Stability Hazards British Geological Survey - National Geoscience Information Service	June 2015	Annually
Potential for Landslide Ground Stability Hazards British Geological Survey - National Geoscience Information Service	June 2015	Annually
Potential for Running Sand Ground Stability Hazards British Geological Survey - National Geoscience Information Service	June 2015	Annually
Potential for Shrinking or Swelling Clay Ground Stability Hazards British Geological Survey - National Geoscience Information Service	June 2015	Annually
Radon Potential - Radon Affected Areas British Geological Survey - National Geoscience Information Service	July 2011	As notified
Radon Potential - Radon Protection Measures British Geological Survey - National Geoscience Information Service	July 2011	As notified

Industrial Land Use	Version	Update Cycle
Contemporary Trade Directory Entries Thomson Directories	January 2017	Quarterly
Fuel Station Entries Catalist Ltd - Experian	November 2016	Quarterly
Gas Pipelines National Grid	July 2014	Quarterly
Points of Interest - Commercial Services PointX	December 2016	Quarterly
Points of Interest - Education and Health PointX	December 2016	Quarterly
Points of Interest - Manufacturing and Production PointX	December 2016	Quarterly
Points of Interest - Public Infrastructure PointX	December 2016	Quarterly
Points of Interest - Recreational and Environmental PointX	December 2016	Quarterly
Underground Electrical Cables National Grid	December 2015	Bi-Annually

Sensitive Land Use	Version	Update Cycle
Ancient Woodland		
Natural Resources Wales	January 2014	Bi-Annually
Areas of Adopted Green Belt		
Cardiff Council	February 2017	As notified
Newport City Council	February 2017	As notified
Areas of Unadopted Green Belt		
Cardiff Council	February 2017	As notified
Newport City Council	February 2017	As notified
Areas of Outstanding Natural Beauty		
Natural Resources Wales	January 2017	Bi-Annually
Environmentally Sensitive Areas		
The National Assembly for Wales - GI Services (Department of Planning & Countryside)	January 2017	Annually
Forest Parks		
Forestry Commission	April 1997	Not Applicable
Local Nature Reserves		
Cardiff Council	January 2017	Bi-Annually
Newport City Council	January 2017	Bi-Annually
Vale Of Glamorgan County Borough Council	January 2017	Bi-Annually
Marine Nature Reserves		
Natural Resources Wales	January 2017	Bi-Annually
National Nature Reserves		
Natural Resources Wales	January 2017	Bi-Annually
National Parks		
Natural Resources Wales	February 2017	Annually
Nitrate Sensitive Areas		
Department for Environment, Food and Rural Affairs (DEFRA - formerly FRCA)	April 2016	Not Applicable
Nitrate Vulnerable Zones		
The National Assembly for Wales - GI Services (Department of Planning & Countryside)	October 2005	Annually
Ramsar Sites		
Natural Resources Wales	January 2017	Bi-Annually
Sites of Special Scientific Interest		
Natural Resources Wales	January 2017	Bi-Annually
Special Areas of Conservation		
Natural Resources Wales	January 2017	Bi-Annually
Special Protection Areas		
Natural Resources Wales	January 2017	Bi-Annually

Data Suppliers

A selection of organisations who provide data within this report

Data Supplier	Data Supplier Logo
Ordnance Survey	
Environment Agency	
Scottish Environment Protection Agency	
The Coal Authority	
British Geological Survey	
Centre for Ecology and Hydrology	
Natural Resources Wales	
Scottish Natural Heritage	
Natural England	
Public Health England	
Ove Arup	
Peter Brett Associates	

Useful Contacts

Contact	Name and Address	Contact Details
2	**British Geological Survey - Enquiry Service** British Geological Survey, Kingsley Dunham Centre, Keyworth, Nottingham, Nottinghamshire, NG12 5GG	Telephone: 0115 936 3143 Fax: 0115 936 3276 Email: enquiries@bgs.ac.uk Website: www.bgs.ac.uk
3	**Natural Resources Wales** Ty Cambria, 29 Newport Road, Cardiff, CF24 0TP	Telephone: 0300 065 3000 Email: enquiries@naturalresourceswales.gov.uk
4	**Environment Agency - National Customer Contact Centre (NCCC)** PO Box 544, Templeborough, Rotherham, S60 1BY	Telephone: 03708 506 506 Email: enquiries@environment-agency.gov.uk
5	**Cardiff Council - Pollution Control Division** Regulatory Services, City Hall, Cardiff, Mid Glamorgan, CF10 3ND	Telephone: 029 20872000 Fax: 01222 873212 Website: www.cardiff.gov.uk
6	**Cardiff Council** County Hall, Atlantic Wharf, Cardiff, Mid Glamorgan, CF1 5UW	Telephone: 029 2087 2000 Fax: 029 2087 3212 Website: www.cardiff.gov.uk
7	**Health and Safety Executive** 5S.2 Redgrave Court, Merton Road, Bootle, L20 7HS	Website: www.hse.gov.uk
8	**Cardiff Council - Regulatory Services** Room 158, City Hall, Cardiff, Mid Glamorgan, CF10 3ND	Telephone: 029 20872429 Fax: 029 2087 2597 Website: www.cardiff.gov.uk
9	**PointX** 7 Abbey Court, Eagle Way, Sowton, Exeter, Devon, EX2 7HY	Website: www.pointx.co.uk
-	**Public Health England - Radon Survey, Centre for Radiation, Chemical and Environmental Hazards** Chilton, Didcot, Oxfordshire, OX11 0RQ	Telephone: 01235 822622 Fax: 01235 833891 Email: radon@phe.gov.uk Website: www.ukradon.org
-	**Landmark Information Group Limited** Imperium, Imperial Way, Reading, Berkshire, RG2 0TD	Telephone: 0844 844 9952 Fax: 0844 844 9951 Email: customerservices@landmarkinfo.co.uk Website: www.landmarkinfo.co.uk

Please note that the Environment Agency / Natural Resources Wales / SEPA have a charging policy in place for enquiries.

Appendix B: Site Investigations

Desk Study and Preliminary Risk Assessment

Tremorfa Industrial Estate

Sims Group UK Ltd











Date: 12/04/17

Our Ref: JER6108

RPS

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Successful Partners
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Quality Management

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Date:	12 April 2017	
Revision:	1	
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Amendment Record

Revision No.	Date	Reason for Change	Authors Initials

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1 Introduction

1.1 Background

1.1.1 RPS Planning and Development (RPS) was commissioned by Sims Group UK Ltd (SIMS) to undertake a Phase 1 Desktop Study (DTS) and Preliminary Risk Assessment (PRA) report in support of the potential purchase and redevelopment of a land parcel within Tremorfa Industrial Estate, Cardiff. If purchased, it is proposed that the existing site will be redeveloped into a metal recycling facility via the planning process. In support of this, Sims are required to establish the baseline environmental conditions of the site in support of obtaining an Environmental Permit from Natural Resources Wales (NRW).

1.1.2 The subject land parcel within Tremorfa Industrial Estate comprises of an irregular shape of land which is approximately 0.94 hectares in total area. RPS has been advised by the existing owner (Clarks Modular Buildings) that the site address is Unit 6, Martin Road, Tremorfa Industrial Estate, Cardiff, CF24 5SD. The extent of the site is presented in *Appendix 1 and* this area is herein referred to as the 'Assessment Site'.

1.1.3 The purpose of undertaking this assessment is to assess the potential for the presence of ground contamination at the Assessment Site as a result of historic and current land uses at and in the local vicinity of the Assessment Site. This assessment also considers ground stability to provide an indication of potential geotechnical considerations for the proposed development.

1.1.4 The assessment has been undertaken to a standard that is considered suitable to meet the initial requirements of planning as outlined within the National Planning Policy Framework (NPPF) and guidance within Model Procedures for the Management of Land Contamination (CLR11).

1.2 Objectives

1.2.1 The objectives of this assessment are to:

- Assess existing conditions, including ground, geological, hydrogeological and hydrological conditions;
- To allow for an assessment of environmental sensitivity;
- Identify potential contamination sources, both from historical and current activities, that may have led to contamination of the Assessment Site; and
- Develop a PRA including a Conceptual Site Model (CSM) to support an assessment of the likely risks associated with potential contamination at the Assessment Site.

1.2.2 The methodology followed to produce this DTS and PRA is detailed in *Appendix 2*.

1.3 Limitations of the Desktop Study

1.3.1 This assessment is limited to the information available at the time of production including a Landmark Envirocheck Report *(Ref. 1)* and published environmental / geological data *(Ref. 2 and 3).*

1.3.2 A full copy of the Landmark Envirocheck Report is presented within *Appendix 3.*

1.3.3 RPS has not been provided with any previous ground investigation reports nor are we aware if any are available for the Assessment Site.

2 Site Walkover

2.1.1 A site walkover survey was undertaken on 14th March 2017 by an RPS Geo-Environmental Consultant. The main findings of the site walkover survey are detailed below.

2.1.2 The Assessment Site is an irregular shaped, flat parcel of land with a mix of rolled hardcore surface with gravel and tarmac roadways (*refer to Appendix 4*). The ground surface is generally flat with no overhead restrictions. Rover Way is adjacent to the Assessment Site on the Western Boundary and access to the Assessment Site is obtained via Martin Road to the north east.

2.1.3 The site is currently unused containing several damaged temporary buildings within the Assessment Site boundary (refer to *Appendix 4*).

2.1.4 Fly tipped material observed was observed within the Assessment Site comprising toilets, metal, fire extinguishers, containers, mattresses and wood. No suspected asbestos-containing materials were observed and no evidence of contamination was noted to be present at the Assessment Site at the time of the site walkover.

2.1.5 Photographs of the Assessment Site taken during the recent site walkover are provided in *Appendix 4.*

3 Land Use

3.1.1 This section sets out details of the current and historical land use of the Assessment Site and the surrounding area (*Table 3.1*). The data presented does not represent full details of all land uses, but those that are considered to have the potential to have led to contamination of the Assessment Site. For full details of the land use, the Landmark Envirocheck Report included within *Appendix 3* should be consulted.

Table 3.1 Land Use

Section	Description/Information			Comments / Potential Contamination Sources
Site Size	Approximately 0.94 hectares			N/A
Current Site Description / Layout**	The Assessment Site is an irregular shaped flat parcel of land with a mix of rolled hardcore and tarmac surface, it is currently unused with several damaged temporary buildings stored within the Assessment Site boundary. Rover Way is adjacent to the Assessment Site on the Western Boundary. The Assessment Site is accessed via Martin Road to the north east.			No potential sources of contamination were identified during the site walkover.
Neighbouring Land Uses**	The immediate neighbouring land use is primarily light / heavy industrial including several vehicle repair garages, a scrap yard / vehicle dismantlers, building product reclamation, a taxi company and a steel works.			The development falls within 250m of current industrial neighbouring land uses. The closest of these includes car breakers and dismantlers (200m) and a reclamation yard (85m).
Site History*	**Date**		***On-site Land Uses***	
	From	**To**		
	1885	**1947**	During this timescale the Assessment Site was underwater and is depicted on the historical map extracts as the Cardiff Flats. The very north of the site is indicated to be part of a firing range, with a target at the most northerly point. The rifle range is absent by 1901.	

Section	Description/Information			Comments / Potential Contamination Sources
	1947	**1964**	The Assessment Site is depicted as above the water line indicating the land has been reclaimed. Although it is unclear what material has been used during the land raising process.	The historical deposition of slag waste, presence of the former mineral railway and the historical pond at the Assessment Site represents a potential source including metals, hydrocarbons, asbestos and ground gas.
	1964	**1968**	The site is noted to contain a number of railway lines (depicted as mineral railway), that cut through the site in a variety of orientations. A pond has been excavated within the north east of the site boundary and the entire site surface is labelled as a slag heap.	
	1968	**1984**	The mineral railway lines have been removed and the pond infilled. The site is labelled as a disused tip. There appear to have been cutting / filling earthworks within the central and northern areas of the site.	
	1984	**2006**	The site is no longer labelled as a disused slag tip. An unnamed new structure has been constructed at the site northern boundary.	
	2006	**Present**	No significant changes within site boundary.	
	Date		***Surrounding Land Uses (250m radius unless otherwise stated)***	Potential contamination sources include the former railway lines to the north and west, the historical rifle range and the various industrial works to the north east and west. It is not anticipated that Roath Dock or the former oil terminal to the south are likely to have impacted the chemical quality of soils underlying the
	From	**To**		
	1880	**1885**	Adjacent, potentially contaminative industries include a rifle range and the Tharsis copper works to the south west.	
	1885	**1922**	A number of railway lines have been constructed immediately west of the site boundary. Roath Dock, a timber yard and coal washery are also situated further to the south west (approximately 500m).	

Section	Description/Information			Comments / Potential Contamination Sources
	1922	**1948**	Additional railway lines have been constructed to the north and west of the property boundary.	site.
	1948	**1964**	Several factories, a waste water treatment plant and unspecified works have been constructed to the north, additional railway lines associated with the mineral railways have been constructed to the east. The slag reduction works has been constructed to the east with associated mechanical hoppers, crusher, cranes and tanks. The slag reduction works and associated spoil materials cover a significant area to the north east.	
	1964	**1989**	The slag reduction works to the north east is no longer depicted on the historical map extract. A number of the railway lines to the north have been removed.	
	1989	**1995**	Tremorfa Industrial Estate and its associated access roads to the north are under construction. Additional railway lines to the north have been removed.	
	1995	**2006**	Tremorfa Industrial Estate is depicted as fully developed to the north and east. The waste water treatment works and various ancillary buildings to the east and south have been constructed. It is known from the site walkover that Tremorfa industrial Estate includes vehicle dismantlers, scrap yards and vehicle repair garages.	
	2006	**Present**	No significant changes noted surrounding the Assessment Site.	

Section	Description/Information		Comments / Potential Contamination Sources
	Distance & Direction	***Details***	
Landfills (500 m)*	East/South East	There are currently no active landfill sites within 500m of the property boundary. The environmental database provides details of four former landfills, all of which are described as being in the same locality to the east. Waste types accepted within the landfills include inert, industrial, commercial, non-hazardous and demolition waste. All four of the associated landfill licences are listed as lapsed/cancelled/defunct/not applicable/surrendered or Cancelled.	The risk of contamination from nearby landfills is low due to the nature of the landfill material accepted, although ground gas from the landfills may be considered as a potential concern.
Waste Treatment, Transfer and Disposal Sites (500 m)*	North East/West	There are eleven registered waste transfer sites or treatment sites which are located between 0m and 491m of the Assessment Site. Further details below. • 0m - Action Environmental Waste Management Limited - household, commercial and industrial waste transfer station, licence ref 30303; • 88m NE – Bayliss Recovery Limited – metal recycling, licence ref 900125; • 182m NE – David Malcolm Harrison – metal recycling, licence ref 30244; • 218m W – Personal Hygiene Services Ltd – clinical waste transfer station, licence ref 30052; • 277m NE – RGF Haulage – household, commercial and industrial transfer station, licence ref 30224; • 287m NE – Bill Way & Co Ltd – metal recycling, licence ref 30238 • 294m NE – Robert Lory – vehicle depollution, licence ref 90084; • 375m S – Telluric Land Remediation Ltd – mobile plant, licence ref 30375; • 420m NE – Celsa Manufacturing UK Ltd – physical waste treatment, licence ref 30093; and	The identified waste management / treatment facilities appear to be regulated by Natural Resources Wales. This provides confidence that the waste sites pose little risk to the Assessment Site. It should be determined however if the waste management licence attributed to the Assessment Site requires surrendering.

Section	Description/Information		Comments / Potential Contamination Sources
		• 491m SW – Southwest Wood Products Ltd – treatment of waste wood, licence ref 900159.	
Potentially Contaminative land Uses* (250 m)	Onsite	The aforementioned waste treatment / disposal sites could act as potential sources of contamination should poor practice be identified.	The historic landfills to the east are a potential source of ground gas. The adjacent commercial / industrial operations have the possibility to cause contamination to land / groundwater underlying the Assessment Site should contamination be suitably mobile.
Petrol and Fuel Sites*	On Site	None recorded	None recorded.
Authorisations / Licences (250m)*	Off Site	There are no sites with specific licences or authorisations within 250m of the Assessment Site.	As a regulated process this activity is
	On Site	None recorded	None recorded
Recorded Pollution Incidents (250m)*	Off Site	One substantiated pollution incident registered 74m South East of the Assessment Site in 2001.	According to the Landmark report it was an atmospheric pollutant and effect there was a minor impact on water, no impact on land and a significant impact on air.
	On Site	None recorded within 250m.	None recorded

Section	Description/Information		Comments / Potential Contamination Sources
Pollution Prevention and Controls* (500 m)	Off Site	Several integrated pollution prevention and control measures: 281m and 286m North East of the Assessment Site for disposal or recovery of hazardous waste; 403m (East), 486m (North East) and 494m (West) away from the Assessment Site for combustion and/or recovered oil as well as, animal, vegetable and food waste treatment.	Prevention and controls are designed to limit the amount of contamination, so it is considered that this poses very low risk to the Assessment Site, especially given the distance between the Assessment Site and control measures.
	On Site	None recorded within 500 m	None recorded
Discharge Consents (500 m)*	Off Site	The environmental database contains records of active and licensed discharge consents which are located 77m south of the Assessment Site and are associated with the Welsh Water pumping station.	These sites were licenced to discharge unspecific and sewage effluent into the Severn estuary. They are located to the South, South East and North East of the Assessment Site and as a regulated process this activity is considered to pose a low risk to the Assessment Site.
	On Site	None recorded	None recorded

*** based on review of Landmark Envirocheck report.**

**** based on site reconnaissance and review of Landmark report**

4 Environmental Setting

4.1.1 This section sets out details of the environmental setting of the Assessment Site and the surrounding areas (*Table 4.1*).

Table 4.1 Environmental Sensitivity

Section	Description / Information				Issues / Comments
Geology & Hydrogeology**	***Strata***	***Description***	***Aquifer Status***	***Anticipated Approx. thickness (m)***	
	Topsoil	Unknown	Unknown	unknown	Unknown thickness of topsoil present in the Assessment Site.
	Made Ground	Artificial and Made Ground present on the Assessment Site	N/A	unproven	Unknown thickness of made ground present in the Assessment Site.
	Superficial Deposits	Tidal Flat Deposits	Secondary Aquifer (Undifferentiated)	unproven	Permeable, undifferentiated layers of clay, silt and sand
	Bedrock	Mercia Mudstone Group	Secondary Aquifer B	unproven	Low permeability, undifferentiated layers
Groundwater Vulnerability	The Superficial deposits are classified by the EA as Secondary Aquifer (Undifferentiated). The Bedrock geology is classified as Secondary B Aquifer.		Moderate leaching potential as some units have potential for migration of fluids within the Aquifer.		There is the potential that the soils underlying the Assessment Site could possibly transmit a wide range of pollutants. However, groundwater underlying the site is not of significant importance and therefore the sensitivity of the Assessment Site from a controlled waters perspective is considered to be low.

Section	Description / Information	Issues / Comments

	Distance & Direction	***Details***	
SPZs* (500m)	On site	None Identified	None recorded
	Off site	None identified within 500 m of the Assessment Site.	None recorded
Surface Water (1km)*	On site	None Identified but there is a risk of groundwater flooding susceptibility on the Assessment Site according to BGS.	None recorded
	Off site	The Landmark report identifies that there is a surface water feature - The Severn Estuary and the Bristol Channel - within 250m from the Assessment Site located at 75m away.	There is a risk of extreme flooding from rivers and the sea without flood defences within 250m from the Assessment Site.
Licensed Water Abstractions (1km)*	On site	None identified.	None recorded
	Off site	Five identified offsite within 324m and 569m.	All licensed groundwater sources.
Conservation Areas & Sensitive Land Use (1 km)*	On site	None Identified	None recorded
	Off Site	The Landmark report identified a record of a special area of conservation 75m South of the Assessment Site - The Severn Estuary and Bristol Channel – SAC, SPA, SSSI and RAMSAR.	Sensitive due to mud and salt flats, estuaries, pastures and lagoons supporting wild birds of European importance and unusual fauna and flora.

	Is the site potentially affected?	***Details***	
Radon*	No	None identified	None recorded
Coal Mining*	No	The Assessment Site is not in an area that is recorded as impacted by coal mining as defined by the Coal Authority.	None recorded
BGS Recorded	On site	None identified	None recorded

Section	Description / Information		Issues / Comments
Mineral Sites (1 km)* **	Off site	Historic site for slag 148m North East of the Assessment Site. An active mineral site located 951m South West of the Assessment Site for marine sand and gravel.	
Historical Surface Ground Working Features	On site	None identified	None recorded
	Off site	None identified	None recorded
Foundered Strata / Landslide*	On site	The Landmark report suggests that there is: • No hazard potential for collapsible ground stability hazards • No hazard for potential for ground dissolution stability hazards • Very low potential for compressible ground stability hazards • Very low potential for landslide ground stability hazards • Very low potential for running sand ground stability hazards • Very low potential for shrinking or swelling clay ground stability hazards	There is a very low risk of landslides at the Assessment Site. All other parameters are listed within the environmental database as very low to no hazard.

*** based on review of Landmark Envirocheck report.**

**** based on review of geological and hydrogeological maps and the Landmark report.**

*****based on BGS data *Ref 3***

5 Conceptual Site Model and Preliminary Risk Assessment

5.1.1 In line with CLR11 (*Ref. 4*) guidance, a conceptual site model and preliminary risk assessment have been developed to qualitatively assess potential contaminant pollutant linkages identified at the Assessment Site. The risk level relevant to each linkage is stated in the context of potential risk to future Assessment Site users based on the proposed development.

5.1.2 The risk assessment is based on due diligence work in advance of the potential purchase and possible redevelopment of the site with a metal recycling facility.

5.1.3 The assessment is presented in *Table 5-1*.

Table 5.1 Site Conceptual Model

Contamination Source (Current and Historical land use)	Exposure Pathway	Receptor	Qualitative Assessment of Risk	Rationale
Onsite: Reprocessed slag materials within Made Ground	Migration of leachable contaminants vertically into groundwater	Groundwater	Low	The groundwater setting is considered to be of low sensitivity. The underlying superficial and bedrock deposits are classified as Secondary Aquifers and a Secondary (B) Aquifer respectively
	Migration of leachable contaminants vertically into groundwater and subsequent horizontal migration into surface water	Surface Water	Low	There is no identified surface water present on the Assessment Site. The Severn Estuary and Bristol Channel are located in excess of 75m South of the site. It is not deemed that there is a discernible risk of the contaminants within the made ground contaminating surface water bodies.
	Dermal contact, inhalation / ingestion of dust.	Future Site Users	Low - Moderate	The site walkover has determined that the site is surfaced with tarmac hardstanding and compacted gravel which limits the possibility of interaction with potential contaminants within the made ground.

Contamination Source (Current and Historical land use)	Exposure Pathway	Receptor	Qualitative Assessment of Risk	Rationale
	Inhalation of gas and risk of explosion	Future Site Users and Property	Low	The made ground and infilled pond are considered to be a potential source of ground gas. Further investigation is required to determine the composition of made ground materials.
Hydrocarbon Contamination within Made Ground associated with historical mineral railway	Migration of leachable contaminants vertically into groundwater	Groundwater	Low	It is anticipated that if hydrocarbon contamination is present within the made ground, that this contamination would have ceased to migrate vertically given the period of time since the mineral railway was dismantled.
	Migration of leachable contaminants horizontally into surface water	Surface water	Low	The nearest surface water feature is in excess of 74m south of the Assessment Site. Without an ongoing source it is anticipated there is no further migration towards surface water features.
	Dermal contact, inhalation / ingestion of dust.	Future site users	Low	There is the potential that site workers would be exposed to metals, hydrocarbon or asbestos contamination within made ground during redevelopment, although this is considered to be low.
UXO Risk from historical rifle range	Exposure of UXO during redevelopment	Future Site Users and Property	Low	The northern portion of the Assessment Site is recorded on historical map extracts as falling within a rifle range. Given the redevelopment of the Assessment Site the potential for UXO to be encountered is considered to be low.

Contamination Source (Current and Historical land use)	Exposure Pathway	Receptor	Qualitative Assessment of Risk	Rationale
Off-Site: – Neighbouring land uses	Migration of leachate from historic off site landfill.	Groundwater	Low	Due to reported inert nature of the historic landfilled materials, it is not anticipated that leachate would be generated in sufficient quantities that would pose a risk to groundwater. The closest (1m South East) accepts inert, non-hazardous and non-toxic waste. The other two are 70m and 71m East, both accepting iron, steel and slag manufacturing waste.
	Inhalation of vapours from contaminated groundwater migrating beneath the Assessment Site	Future Site Users	Low	Groundwater flows beneath the Assessment Site within the superficial and bedrock deposits. It is unlikely that a significant volume of groundwater will be exposed and any residual contamination is unlikely to be volatile.
	Migration of ground gas onto site and subsequent inhalation and or explosion	Future Site Users	Low	The proposed end use of the Assessment Site is considered of low sensitivity with respect to ground gas. The historic landfill sites are considered to be a potential source of ground gas, however given the inert nature of the landfilled material, it is considered that contamination from migration ground gas will be minimal.

6 Conclusions

6.1.1 RPS Planning and Development (RPS) was commissioned by Sims Group UK Ltd to provide a Desk Study (DTS) and Preliminary Risk Assessment (PRA) report in support of the potential purchase and redevelopment of Unit 6, Tremorfa Industrial Estate in Cardiff. The purpose of undertaking this assessment was to assess the potential for the presence of ground contamination at the Assessment Site as a result of former and current land uses at and in the local vicinity to the Assessment Site. The assessment provides a Conceptual Site Model (CSM) and Preliminary Risk Assessment (PRA) for ground contamination at the Assessment Site.

6.1.2 The DTS comprised an Assessment Site reconnaissance survey, a review of the publically available records and the purchase of an environmental database to confirm the potential for contamination at the Assessment Site and the environmental sensitivity of the Assessment Site and its surrounding areas.

6.1.3 A review of the site history has indicated potential contamination sources from historical activities are unlikely to have led to widespread or gross contamination, other than the presence of slag as a result of historical land raising activities.

6.1.4 Whilst there are a number of potential offsite historical contaminative uses, including landfills, heavy industry and various unspecified works, it has been determined through the PRA that the likelihood of these practices causing an ongoing legacy of contamination is considered to be low as the available information suggests that backfilled wastes are either inert or non-hazardous. On this basis it is considered unlikely that these landfills have led to contamination of the Assessment Site from leachate.

6.1.5 The single nearby pollution incident detailed within the environmental database, relates to an atmospheric pollution incident in 2001. It is understood to have had no impact on groundwater, surface water or the ground surface but a significant impact upon air. This incident occurred 74m South East of the Assessment Site approximately 16 years ago, it is not anticipated to pose an issue for the proposed redevelopment.

6.1.6 A preliminary CSM was developed to inform a PRA that assessed potential risks posed from the identified potential contamination sources to controlled waters, human health and the Environment. The preliminary CSM has identified that the risk to human health and controlled waters should be considered low given the distinct absence of contamination sources and pollutant linkages at the Assessment Site. The risk from ground gas is considered to be low to moderate based on the on-site sources and risks to groundwater from leachate generation in the historic landfill are also considered to be low.

6.1.7 According to the BGS there is no risk of surface water flooding on site, but there is a risk of groundwater flooding and an extreme risk of flooding from rivers and the sea without flood defences within 250m from the Assessment Site. The risk of flooding is considered to be low to

moderate given the likely proposed redevelopment of the site into a potential metal recycling facility or another industrial use with no residential dwellings.

6.1.8 On the basis of the developed CSM and PRA it is recommended that ground investigation works are undertaken to establish the composition and chemical nature of the soils and groundwater of the Assessment Site and to allow ground gas monitoring to be undertaken. Contaminated land risk assessment should then be undertaken to determine potential risks to human health and controlled waters.

6.1.9 This assessment could be delivered in support of or as a condition of planning to meet the requirements of the National Planning Policy Framework (NPPF) and Model Procedures for Management of Land Contamination (CLR11).

6.1.10 The redevelopment must consider its proximity to the Severn Estuary and the Bristol Channel due to their environmental sensitivity.

References

1. Landmark Envirocheck Report – Ref JER6109Tremorfa
2. Environment Agency, What's in your backyard? www.environment-agency.gov.uk/maps
3. British Geological Survey Geology of Britain Viewer http://www.bgs.ac.uk/discoveringGeology/geologyOfBritain/viewer.html?src=topNav
4. Environment Agency. CLR11 Model Procedures for the Management of Land Contamination, dated September 2004.
5. Environment Agency. LFTGN02 Guidance on monitoring of landfill leachate, groundwater and surface water. https://www.gov.uk/government/uploads/system/uploads/attachment_data/file/321602/LFTGN02.pdf
6. The National Planning Policy Framework https://www.gov.uk/government/uploads/system/uploads/attachment_data/file/6077/2116950.pdf

Appendices

APPENDIX 1

Site Location Plan



Envirocheck
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APPENDIX 2

Desk Study Methodology

Introduction

This report provides available factual data for the site obtained only from the sources described below and related to the site on the basis of the location provided by the client. The desk study information is not necessarily exhaustive and further information relevant to the site may be available from other sources. No responsibility can be accepted by RPS for inaccuracies in the data supplied by any other party.

This report is written in the context of an agreed scope of work and should not be used in a different context. Furthermore, new information and changes in legislation may necessitate a re-interpretation of the report in whole or in part after its original submission. The report is provided for sole use by the client and is confidential to them and their professional advisors. No reliance whatsoever is provided to any party other than the client unless otherwise agreed.

Information Sources

Land Use

This establishes the former and current uses of the site, which could have caused contamination. Details of the site location, the current and proposed site uses have been provided by the client.

Where specified, a site inspection has been carried out by RPS to identify any significant issues associated with current and past activities, neighbouring land uses and other key environmental issues.

Information about the history of the site has been obtained through an inspection of historical maps at 1:10,000, 1:2,500 and 1:1,250 scales (where available). The accuracy of maps cannot be guaranteed and it should be recognised that different conditions on site may have existed between and subsequent to the map survey dates.

Regulatory records including landfills, pollution incidents ('major' and 'significant' only), industry authorisations and licensed water abstractions are derived from information purchased from Groundsure ltd (unless otherwise specified).

Environmental Setting

It is important to establish the environmental setting because, irrespective of the level of contamination at a site, if its location is not 'sensitive' to this contamination, there is a reduced risk of an environmental liability.

The geological sequence underlying the site and the approximate depths of strata are provided by maps published by the British Geological Survey (BGS) 1:50,000 scale. The hydrogeological classification is obtained from Groundwater Vulnerability mapping on the Environment Agency (EA) website. The vulnerability of groundwater is determined from this mapping and geological information.

The location of surface watercourses is obtained from an inspection of current OS maps. Surface water quality information is taken from the most up-to-date Chemical River Quality General Quality Assessment (GQA) details published by the EA. Flood risk details and information on groundwater Source Protection Zones are obtained from readily available EA information published on-line.

Details of sensitive ecosystems/habitats and coal mining areas are supplied by English Nature and the Coal Authority respectively via Groundsure Ltd.

Radon is a radioactive gas produced naturally by certain types of geology. This report uses the Indicative Atlas of Radon in England and Wales (2007) produced by the Health Protection Agency (HPA) and the British Geological Survey (BGS) to determine whether the site is located in an area at risk from radon gas. Where potential issues are identified, a site-specific radon report is obtained from the HPA and BGS to provide a more accurate estimate of the probability of the site being affected by radon gas ingress.

Risk Assessment

The Risk Assessment consists of an appraisal of the source-pathway-receptor 'pollutant linkages' which is central to the approach used to determine the existence of 'contaminated land' according to the definition set out under Part 2A of the Environmental Protection Act 1990. For a risk to exist (under Part 2A), all three of the following components must be present to facilitate a potential 'pollutant linkage'.

- Source of contamination (Hazard);
- Pathway for the contaminant to move from the source(s) to receptor(s); and
- Receptor (Target) that could be affected by the contaminant(s).

Receptors include human beings, other living organisms, crops, controlled waters and buildings / structures. The mere presence of a contaminant source / hazard at a site does not mean that there will necessarily be attendant risks or that the site will be designated as 'contaminated land'.

The Risk Assessment sections comprise a summary of the land use and environmental sensitivity information demonstrated as the contaminant Source, Pathway and Receptor components. It also incorporates its likelihood of occurrence and commercial impact. It has been classified under three broad categories:

- Low risk - it is considered unlikely that issues assigned this designation will give rise to significant harm;
- Moderate risk - it is possible, but not certain that issues assigned this designation may give rise to significant harm or a liability/cost for the owner of the site; and
- High risk - there is a high potential that issues assigned this designation may give rise to significant harm or a liability/cost for the owner of the site.

In addition the assessment includes consideration of redevelopment constraints i.e. potential for extra-ordinary environment-related development costs, the site's 'suitability for use' and the perception by any future purchasers regarding the potential impact on investment value/saleability. The assessment of redevelopment constraints should be considered preliminary and does not represent an exhaustive assessment of potential constraints.

APPENDIX 3

Landmark Reports and Maps

Envirocheck® Report:

Datasheet

Order Details:

Order Number:
116333615_1_1

Customer Reference:
JER6109Tremorfa

National Grid Reference:
320950, 175630

Slice:
A

Site Area (Ha):
0.95

Search Buffer (m):
1000

Site Details:

Unit 6, Martin Road
Tremorfa Industrial Estate
Tremorfa
CARDIFF
CF24 5SD

Client Details:

Mr H Bonham
RPS Consultants
2420 The Quadrant
Aztec West
Almondsbury
Bristol
BS32 4AQ

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Introduction

The Environment Act 1995 has made site sensitivity a key issue, as the legislation pays as much attention to the pathways by which contamination could spread, and to the vulnerable targets of contamination, as it does the potential sources of contamination.
For this reason, Landmark's Site Sensitivity maps and Datasheet(s) place great emphasis on statutory data provided by the Environment Agency/Natural Resources Wales and the Scottish Environment Protection Agency; it also incorporates data from Natural England (and the Scottish and Welsh equivalents) and Local Authorities; and highlights hydrogeological features required by environmental and geotechnical consultants. It does not include any information concerning past uses of land. The datasheet is produced by querying the Landmark database to a distance defined by the client from a site boundary provided by the client.

In the attached datasheet the National Grid References (NGRs) are rounded to the nearest 10m in accordance with Landmark's agreements with a number of Data Suppliers.

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Report Version v50.0

RPS

Summary

Data Type	Page Number	On Site	0 to 250m	251 to 500m	501 to 1000m (*up to 2000m)
Agency & Hydrological					
BGS Groundwater Flooding Susceptibility	pg 1	Yes	Yes	Yes	n/a
Contaminated Land Register Entries and Notices					
Discharge Consents	pg 1		4	1	10
Prosecutions Relating to Controlled Waters			n/a	n/a	n/a
Enforcement and Prohibition Notices	pg 5				1
Integrated Pollution Controls	pg 5				12
Integrated Pollution Prevention And Control	pg 7			8	16
Local Authority Integrated Pollution Prevention And Control	pg 12			1	1
Local Authority Pollution Prevention and Controls	pg 13		4	5	10
Local Authority Pollution Prevention and Control Enforcements					
Nearest Surface Water Feature	pg 15		Yes		
Pollution Incidents to Controlled Waters	pg 15				1
Prosecutions Relating to Authorised Processes	pg 15			1	1
Registered Radioactive Substances	pg 16				1
River Quality	pg 16				1
River Quality Biology Sampling Points					
Substantiated Pollution Incident Register	pg 16		1	1	2
River Quality Chemistry Sampling Points					
Water Abstractions	pg 17			2	3 (*4)
Water Industry Act Referrals					
Groundwater Vulnerability	pg 19	Yes	n/a	n/a	n/a
Drift Deposits			n/a	n/a	n/a
Bedrock Aquifer Designations	pg 19	Yes	n/a	n/a	n/a
Superficial Aquifer Designations	pg 19	Yes	n/a	n/a	n/a
Source Protection Zones					
Extreme Flooding from Rivers or Sea without Defences	pg 19		Yes	n/a	n/a
Flooding from Rivers or Sea without Defences	pg 19		Yes	n/a	n/a
Areas Benefiting from Flood Defences				n/a	n/a
Flood Water Storage Areas				n/a	n/a
Flood Defences				n/a	n/a
Detailed River Network Lines					n/a
Detailed River Network Offline Drainage					n/a

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Summary

Data Type	Page Number	On Site	0 to 250m	251 to 500m	501 to 1000m (*up to 2000m)
Waste					
BGS Recorded Landfill Sites	pg 20	1			
Historical Landfill Sites	pg 20	2	5	4	2
Integrated Pollution Control Registered Waste Sites					
Licensed Waste Management Facilities (Landfill Boundaries)					
Licensed Waste Management Facilities (Locations)	pg 22	2	6	12	8
Local Authority Landfill Coverage	pg 29	1	n/a	n/a	n/a
Local Authority Recorded Landfill Sites					
Potentially Infilled Land (Non-Water)	pg 29			1	2
Potentially Infilled Land (Water)	pg 29	1	3	10	46
Registered Landfill Sites	pg 32	1	3		5
Registered Waste Transfer Sites	pg 35		5	1	3
Registered Waste Treatment or Disposal Sites	pg 39		1	2	5
Hazardous Substances					
Control of Major Accident Hazards Sites (COMAH)	pg 43				6
Explosive Sites					
Notification of Installations Handling Hazardous Substances (NIHHS)	pg 43				3
Planning Hazardous Substance Consents	pg 43		1		6
Planning Hazardous Substance Enforcements					

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Summary

Data Type	Page Number	On Site	0 to 250m	251 to 500m	501 to 1000m (*up to 2000m)
Geological					
BGS 1:625,000 Solid Geology	pg 45	Yes	n/a	n/a	n/a
BGS Estimated Soil Chemistry	pg 45	Yes			Yes
BGS Recorded Mineral Sites	pg 45		1		2
BGS Urban Soil Chemistry	pg 46		Yes	Yes	Yes
BGS Urban Soil Chemistry Averages	pg 48	Yes			
CBSCB Compensation District			n/a	n/a	n/a
Coal Mining Affected Areas			n/a	n/a	n/a
Mining Instability			n/a	n/a	n/a
Man-Made Mining Cavities					
Natural Cavities					
Non Coal Mining Areas of Great Britain				n/a	n/a
Potential for Collapsible Ground Stability Hazards				n/a	n/a
Potential for Compressible Ground Stability Hazards	pg 48	Yes	Yes	n/a	n/a
Potential for Ground Dissolution Stability Hazards				n/a	n/a
Potential for Landslide Ground Stability Hazards	pg 48	Yes	Yes	n/a	n/a
Potential for Running Sand Ground Stability Hazards	pg 48	Yes	Yes	n/a	n/a
Potential for Shrinking or Swelling Clay Ground Stability Hazards	pg 49	Yes		n/a	n/a
Radon Potential - Radon Affected Areas			n/a	n/a	n/a
Radon Potential - Radon Protection Measures			n/a	n/a	n/a
Industrial Land Use					
Contemporary Trade Directory Entries	pg 50		25	42	174
Fuel Station Entries	pg 71			1	
Points of Interest - Commercial Services	pg 71		15	18	61
Points of Interest - Education and Health					
Points of Interest - Manufacturing and Production	pg 79		12	31	108
Points of Interest - Public Infrastructure	pg 91		3	1	10
Points of Interest - Recreational and Environmental					
Gas Pipelines					
Underground Electrical Cables					

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Summary

Data Type	Page Number	On Site	0 to 250m	251 to 500m	501 to 1000m (*up to 2000m)
Sensitive Land Use					
Ancient Woodland					
Areas of Adopted Green Belt					
Areas of Unadopted Green Belt					
Areas of Outstanding Natural Beauty					
Environmentally Sensitive Areas					
Forest Parks					
Local Nature Reserves					
Marine Nature Reserves					
National Nature Reserves					
National Parks					
Nitrate Sensitive Areas					
Nitrate Vulnerable Zones					
Ramsar Sites	pg 93		1		
Sites of Special Scientific Interest	pg 93		1		
Special Areas of Conservation	pg 93		1		
Special Protection Areas	pg 93		1		
World Heritage Sites					

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	A13SW (E)	0	2	320951 175633
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	A13NW (N)	0	2	320950 175650
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	A13SE (SE)	1	2	321000 175600
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	A13SW (S)	25	2	320950 175550
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	A13SW (SW)	45	2	320850 175550
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding to Occur at Surface	A13NW (NW)	124	2	320800 175750
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	A13SW (S)	125	2	320900 175450
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	A13SE (SE)	130	2	321100 175500
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	A13SW (W)	140	2	320750 175550
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	A13NW (W)	207	2	320700 175700
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	A13SE (E)	229	2	321250 175550
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	A13SW (SW)	249	2	320650 175500
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding to Occur at Surface	A12SE (W)	387	2	320500 175633
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	A19SW (NE)	449	2	321300 176000
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	A8NW (S)	480	2	320951 175100
1	**Discharge Consents** Operator: Dwr Cymru Cyfyngedig Property Type: Sewerage Network - Pumping Station - Water Company Location: Cardiff Central Sps Tremorfa, Cardiff, Cardiff Cbc Authority: Natural Resources Wales Catchment Area: Not Supplied Reference: An0306101 Permit Version: 1 Effective Date: 21st March 2001 Issued Date: 21st March 2001 Revocation Date: Not Supplied Discharge Type: Sewage Discharges - Pumping Station - Water Company Discharge Environment: Saline Estuary Receiving Water: Severn Estuary **Status: New Consent (Water Resources Act 1991, Section 88 & Schedule 10 as amended by Environment Act 1995)** Positional Accuracy: Located by supplier to within 100m	A13SW (S)	77	3	320900 175500

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
1	**Discharge Consents** Operator: Dwr Cymru Cyfyngedig Property Type: Sewerage Network - Pumping Station - Water Company Location: Cardiff Central Sps Tremorfa, Cardiff, Cardiff Cbc Authority: Natural Resources Wales Catchment Area: Not Supplied Reference: An0306101 Permit Version: 1 Effective Date: 21st March 2001 Issued Date: 21st March 2001 Revocation Date: Not Supplied Discharge Type: Sewage Discharges - Pumping Station - Water Company Discharge Environment: Saline Estuary Receiving Water: Severn Estuary **Status: New Consent (Water Resources Act 1991, Section 88 & Schedule 10 as amended by Environment Act 1995)** Positional Accuracy: Located by supplier to within 100m	A13SW (S)	77	3	320900 175500
2	**Discharge Consents** Operator: John Laing Construction Ltd Property Type: Water Treatment Works Location: Project Offices Construction Site O, Construction Site Of Cardiff Wwt, Wwtw Cardiff Authority: Natural Resources Wales Catchment Area: Boundary Of HA 57 & HA 58 Reference: AN027740101 Permit Version: 1 Effective Date: 22nd September 1997 Issued Date: 22nd September 1997 Revocation Date: 24th June 2002 Discharge Type: Unspecified Discharge Environment: Not Supplied Receiving Water: Underground Strata **Status: Revoked (Water Resources Act 1991, Section 88 & Schedule 10 as amended by Environment Act 1995)** Positional Accuracy: Located by supplier to within 100m	A13NE (NE)	243	3	321100 175900
3	**Discharge Consents** Operator: Hyder Consulting Ltd Property Type: General Construction Work Location: Cardiff Wastewater Trtmnt Plnt Tide, Tide Fields Road Cardiff Authority: Natural Resources Wales Catchment Area: Boundary Of HA 57 & HA 58 Reference: AN027770101 Permit Version: 1 Effective Date: 13th November 1997 Issued Date: 13th November 1997 Revocation Date: 13th November 2000 Discharge Type: Unspecified Discharge Environment: Not Supplied Receiving Water: Severn Estuary **Status: Revoked (Water Resources Act 1991, Section 88 & Schedule 10 as amended by Environment Act 1995)** Positional Accuracy: Located by supplier to within 100m	A13SE (SE)	245	3	321230 175470
4	**Discharge Consents** Operator: Cardiff Bay Development Corporation Property Type: Sewerage Network - Pumping Station - Water Company Location: Ocean Park Ps Tremorfa Foreshore Ro, Tremorfa Foreshore Rover Way, Bu, Rover Way, Butetown Cardiff . Authority: Natural Resources Wales Catchment Area: Boundary Of HA 57 & HA 58 Reference: AN0267601 Permit Version: 1 Effective Date: 24th July 1996 Issued Date: 23rd July 1996 Revocation Date: Not Supplied Discharge Type: Public Sewage: Storm Sewage Overflow Discharge Environment: Freshwater Stream/River Receiving Water: Severn Estuary **Status: New Consent, by Application (Water Resources Act 1991, Section 88)** Positional Accuracy: Located by supplier to within 10m	A12SE (W)	391	3	320500 175520

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
5	**Discharge Consents** Operator: Dwr Cymru Cyfyngedig Property Type: Sewerage Network - Sewers - Water Company Location: Cardiff Central Outfall Rover Way C, Rover Way Cardiff Authority: Natural Resources Wales Catchment Area: Boundary Of HA 57 & HA 58 Reference: An0028401 Permit Version: 3 Effective Date: 19th December 2000 Issued Date: 18th December 2000 Revocation Date: 28th March 2002 Discharge Type: Sewerage System Discharge Discharge Environment: Not Supplied Receiving Water: Severn Estuary **Status: Revoked (Water Resources Act 1991, Section 88 & Schedule 10 as amended by Environment Act 1995)** Positional Accuracy: Located by supplier to within 10m	A8NW (S)	576	3	320910 175000
5	**Discharge Consents** Operator: Dwr Cymru Cyfyngedig Property Type: Sewerage Network - Sewers - Water Company Location: Cardiff Central Outfall Rover Way C, Rover Way Cardiff Authority: Natural Resources Wales Catchment Area: Boundary Of HA 57 & HA 58 Reference: AN0028401 Permit Version: 2 Effective Date: 17th February 1993 Issued Date: 17th November 1992 Revocation Date: 18th December 2000 Discharge Type: Sewerage System Discharge Discharge Environment: Not Supplied Receiving Water: Severn Estuary **Status: New Consent, by Application (Water Resources Act 1991, Section 88)** Positional Accuracy: Located by supplier to within 10m	A8NW (S)	576	3	320910 175000
5	**Discharge Consents** Operator: Dwr Cymru Cyfyngedig Property Type: Sewerage Network - Sewers - Water Company Location: Cardiff Central Outfall Rover Way C, Rover Way Cardiff Authority: Natural Resources Wales Catchment Area: Boundary Of HA 57 & HA 58 Reference: An0028401 Permit Version: 1 Effective Date: 20th November 1987 Issued Date: 20th November 1987 Revocation Date: 16th February 1993 Discharge Type: Unspecified Discharge Environment: Not Supplied Receiving Water: Severn Estuary **Status: Authorisation revokedRevoked** Positional Accuracy: Located by supplier to within 10m	A8NW (S)	576	3	320910 175000
6	**Discharge Consents** Operator: Associated British Ports Property Type: Undefined Or Other Location: Land Adjacent To Cardiff Docks Authority: Natural Resources Wales Catchment Area: River Taff Reference: An0011001 Permit Version: 1 Effective Date: 7th May 1986 Issued Date: 7th May 1986 Revocation Date: 6th March 1995 Discharge Type: Unspecified Discharge Environment: Not Supplied Receiving Water: Roath Dock **Status: Consent expired** Positional Accuracy: Located by supplier to within 10m	A7NE (SW)	657	3	320520 175030

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
7	**Discharge Consents** Operator: Air Products Plc Property Type: Gas Distribution And Compressor Stations Location: Rover Way Roath Dock Cardiff Authority: Natural Resources Wales Catchment Area: Not Supplied Reference: Af3022401 Permit Version: 1 Effective Date: 5th April 1971 Issued Date: 5th April 1971 Revocation Date: Not Supplied Discharge Type: Unspecified Discharge Environment: Controlled Sea Receiving Water: Roath Dock **Status: New Consent, by Application (Water Resources Act 1991, Section 88)** Positional Accuracy: Located by supplier to within 10m	A7SE (SW)	763	3	320434 174962
7	**Discharge Consents** Operator: Air Products Plc Property Type: Gas Distribution And Compressor Stations Location: Roath Dock Roath Cardiff, Roath, Cardiff Cbc, Cf10 4uu Authority: Natural Resources Wales Catchment Area: Not Supplied Reference: Ac0104201 Permit Version: 1 Effective Date: 1st July 1976 Issued Date: 1st July 1976 Revocation Date: Not Supplied Discharge Type: Trade Discharges - Site Drainage Discharge Environment: Freshwater Stream/River Receiving Water: Stream **Status: New Consent (Water Resources Act 1991, Section 88 & Schedule 10 as amended by Environment Act 1995)** Positional Accuracy: Located by supplier to within 10m	A7SE (SW)	774	3	320442 174942
8	**Discharge Consents** Operator: Shell U K Ltd Property Type: Support Services - Sea Transport Location: Roath Dock Oil Terminal Cardiff, Rover Way, Cf10 4us Authority: Natural Resources Wales Catchment Area: Not Given Reference: AN0227601 Permit Version: 1 Effective Date: 13th June 1991 Issued Date: 13th June 1991 Revocation Date: Not Supplied Discharge Type: Unspecified Discharge Environment: Controlled Sea Receiving Water: Roath Dock **Status: New Consent, by Application (Water Resources Act 1991, Section 88)** Positional Accuracy: Located by supplier to within 100m	A7SE (SW)	778	3	320500 174900
8	**Discharge Consents** Operator: Valero Logistics Uk Ltd Property Type: Support Services - Sea Transport Location: Roath Dock Oil Terminal Cardiff, Rover Way, Cf10 4us Authority: Natural Resources Wales Catchment Area: River Taff Reference: AN0222401 Permit Version: 2 Effective Date: 8th May 1991 Issued Date: 8th May 1991 Revocation Date: Not Supplied Discharge Type: Trade Effluent Discharge Environment: Controlled Sea Receiving Water: Roath Dock **Status: New Consent, by Application (Water Resources Act 1991, Section 88)** Positional Accuracy: Located by supplier to within 100m	A7SE (SW)	778	3	320500 174900

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
8	**Discharge Consents** Operator: Shell U K Ltd Property Type: Support Services - Sea Transport Location: Roath Dock Oil Terminal Cardiff, Rover Way, Cf10 4us Authority: Natural Resources Wales Catchment Area: River Taff Reference: An0222401 Permit Version: 1 Effective Date: 19th February 1991 Issued Date: 19th February 1991 Revocation Date: 7th May 1991 Discharge Type: Unspecified Discharge Environment: Not Supplied Receiving Water: Roath Dock **Status: Authorisation revokedRevoked** Positional Accuracy: Located by supplier to within 100m	A7SE (SW)	778	3	320500 174900
9	**Discharge Consents** Operator: B & M Products Property Type: Undefined Or Other Location: Coal Washery Nr Dock Rover Way Car, Rover Way Cardiff Authority: Natural Resources Wales Catchment Area: Boundary Of HA 57 & HA 58 Reference: An0002201 Permit Version: 1 Effective Date: 10th April 1985 Issued Date: 10th April 1985 Revocation Date: 9th February 1994 Discharge Type: Unspecified Discharge Environment: Not Supplied Receiving Water: Severn Estuary **Status: Consent expired** Positional Accuracy: Located by supplier to within 100m	A8SE (S)	883	3	321000 174700
10	**Enforcement and Prohibition Notices** Location: Tremorfa Steel Works, CARDIFF, South Glamorgan, CF2 2YX Permit Reference: Not Given Enforcement Date: 18th January 1996 Details: Press Release HM360, Release of primary fume to the atmosphere due to a failure in the fume extraction system under EPA90 Positional Accuracy: Unknown	A18NW (N)	721	4	320705 176395
11	**Integrated Pollution Controls** Name: Celsa Manufacturing (Uk) Ltd Location: Cardiff Rod and Bar Mill, Castle Works, CARDIFF, SOUTH GLAMORGAN, CF24 5XQ Authority: Environment Agency, Welsh Region Permit Reference: BG4879 Dated: 31st August 1999 Process Type: IPC minor (non-substantial) variation to previous variation Description: 1.3 A (A) Combustion processes within the Fuel & Power Industry **Status: Revoked - Now IPPC** Positional Accuracy: Automatically positioned to the address	A18SW (N)	604	4	320938 176317
11	**Integrated Pollution Controls** Name: Celsa Manufacturing (Uk) Ltd Location: Cardiff Rod and Bar Mill, Castle Works, CARDIFF, South Glamorgan, CF24 5XQ Authority: Environment Agency, Welsh Region Permit Reference: BC5393 Dated: 24th November 1998 Process Type: IPC minor (non-substantial) variation to previous variation Description: 1.3 A (A) Combustion processes within the Fuel & Power Industry **Status: Authorisation superseded by a substantial or non substantial variationSuperseded** Positional Accuracy: Automatically positioned to the address	A18SW (N)	604	4	320933 176317
11	**Integrated Pollution Controls** Name: Celsa Manufacturing (Uk) Ltd Location: Cardiff Rod and Bar Mill, P O Box 83, Castle Works, CARDIFF, South Glamorgan, CF24 5XQ Authority: Environment Agency, Welsh Region Permit Reference: AF7932 Dated: 28th October 1992 Process Type: IPC new application Description: 1.3 A (A) Combustion processes within the Fuel & Power Industry **Status: Authorisation superseded by a substantial or non substantial variationSuperseded** Positional Accuracy: Automatically positioned to the address	A18NW (N)	609	4	320933 176322

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
12	**Integrated Pollution Controls** Name: Celsa Manufacturing (Uk) Ltd Location: Po Box 37 Tremorfa Works, CARDIFF, Cardiff, CF2 2YX Authority: Environment Agency, Welsh Region Permit Reference: BD9831 Dated: 24th November 1998 Process Type: IPC minor (non-substantial) variation to previous variation Description: 2.2 A (I) Non-ferrous Metal processes within the Metal Industry **Status: Authorisation revokedRevoked** Positional Accuracy: Manually positioned within the geographical locality	A18NW (N)	679	4	320859 176387
12	**Integrated Pollution Controls** Name: Celsa Manufacturing (Uk) Ltd Location: P O Box 37, Tremorfa Works, CARDIFF, CF2 2YX Authority: Environment Agency, Welsh Region Permit Reference: BH4378 Dated: 28th February 2000 Process Type: IPC minor (non-substantial) variation to previous variation Description: 2.1 A (A) Iron and Steel processes within the Metal Industry **Status: Revoked - Now IPPC** Positional Accuracy: Manually positioned within the geographical locality	A18NW (N)	680	4	320849 176387
12	**Integrated Pollution Controls** Name: Celsa Manufacturing (Uk) Ltd Location: P O Box 37, Tremorfa Works, CARDIFF, South Glamorgan, CF2 2TH Authority: Environment Agency, Welsh Region Permit Reference: AY8727 Dated: 21st October 1997 Process Type: IPC new application Description: 2.2 A (I) Non-ferrous Metal processes within the Metal Industry **Status: Authorisation superseded by a substantial or non substantial variationSuperseded** Positional Accuracy: Manually positioned within the geographical locality	A18NW (N)	680	4	320854 176387
12	**Integrated Pollution Controls** Name: Celsa Manufacturing (Uk) Ltd Location: Cardiff Medium Section Mill, Po Box 16, Tremorfa Works, CARDIFF, South Glamorgan, CF2 2YW Authority: Environment Agency, Welsh Region Permit Reference: BC5474 Dated: 24th November 1998 Process Type: IPC minor (non-substantial) variation to previous variation Description: 1.3 A (A) Combustion processes within the Fuel & Power Industry **Status: Authorisation superseded by a substantial or non substantial variationSuperseded** Positional Accuracy: Manually positioned within the geographical locality	A18NW (N)	684	4	320859 176392
12	**Integrated Pollution Controls** Name: Celsa Manufacturing (Uk) Ltd Location: Cardiff Medium Section Mill, P O Box 16 Tremorfa Works, Seawall Road, CARDIFF, South Glamorgan, CF2 2YW Authority: Environment Agency, Welsh Region Permit Reference: AF8688 Dated: 28th October 1992 Process Type: IPC new application Description: 1.3 A (A) Combustion processes within the Fuel & Power Industry **Status: Authorisation superseded by a substantial or non substantial variationSuperseded** Positional Accuracy: Manually positioned within the geographical locality	A18NW (N)	684	4	320854 176392
12	**Integrated Pollution Controls** Name: Celsa Manufacturing (Uk) Ltd Location: P O Box 37, Tremorfa Works, CARDIFF, CF2 2YX Authority: Environment Agency, Welsh Region Permit Reference: BE4991 Dated: 24th November 1998 Process Type: IPC minor (non-substantial) variation to previous variation Description: 2.1 A (A) Iron and Steel processes within the Metal Industry **Status: Authorisation superseded by a substantial or non substantial variationSuperseded** Positional Accuracy: Manually positioned within the geographical locality	A18NW (N)	685	4	320849 176392
12	**Integrated Pollution Controls** Name: Celsa Manufacturing (Uk) Ltd Location: Cardiff Medium Section Mill, P O Box 16 Tremorfa Works, Seawall Road, CARDIFF, South Glamorgan, CF2 2YW Authority: Environment Agency, Welsh Region Permit Reference: BG4852 Dated: 31st August 1999 Process Type: IPC minor (non-substantial) variation to previous variation Description: 1.3 A (A) Combustion processes within the Fuel & Power Industry **Status: Revoked - Now IPPC** Positional Accuracy: Manually positioned within the geographical locality	A18NW (N)	689	4	320859 176397

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
12	**Integrated Pollution Controls** Name: Celsa Manufacturing (Uk) Ltd Location: P O Box 37, Tremorfa Works, CARDIFF, CF2 2YX Authority: Environment Agency, Welsh Region Permit Reference: AR0322 Dated: 29th July 1995 Process Type: IPC application for process that was regulated by HMIP for air releases under previous legislation Description: 2.1 A (A) Iron and Steel processes within the Metal Industry **Status: Authorisation superseded by a substantial or non substantial variationSuperseded** Positional Accuracy: Manually positioned within the geographical locality	A18NW (N)	689	4	320854 176397
12	**Integrated Pollution Controls** Name: Celsa Manufacturing (Uk) Ltd Location: P O Box 37, Tremorfa Works, CARDIFF, Mid Glamorgan, CF2 2YX Authority: Environment Agency, Welsh Region Permit Reference: BB4430 Dated: 6th August 1998 Process Type: IPC minor (non-substantial) variation to previous variation Description: 2.1 A (A) Iron and Steel processes within the Metal Industry **Status: Authorisation superseded by a substantial or non substantial variationSuperseded** Positional Accuracy: Manually positioned within the geographical locality	A18NW (N)	690	4	320849 176397
13	**Integrated Pollution Prevention And Control** Name: Euro Dismantling Services Ltd Location: Martin Road Hazardous Waste Transfer Station Ea/Epr/Pp3739bk/V002, Martin Road,Unit 11, Tremorfa Industrial Estate,Tremorfa,, Cardiff, South Wales, CF24 5SD Authority: Natural Resources Wales Permit Reference: MP3135EC Original Permit Ref: Mp3135ec Effective Date: 15th November 2013 **Status: Effective** Application Type: Transfer App. Sub Type: Whole with Fit and Proper Person Positional Accuracy: Located by supplier to within 10m Activity Code: 5.3 A(1) a) (iv) Activity Description: DISPOSAL OR RECOVERY OF HAZ WASTE WITH CAPACITY EXCEEDING 10 TONNES PER DAY INVOLVING REPACKAGING PRIOR TO SUBMISSION TO ANY OF THE OTHER ACTIVITIES LISTED IN THIS SECTION OR IN SECTION 5.1 Primary Activity: Y	A13NE (NE)	281	3	321250 175790
13	**Integrated Pollution Prevention And Control** Name: Silverdell (Uk) Ltd Location: Martin Road Hazardous Waste Transfer Station Ea/Epr/Pp3739bk/V002, Martin Road,Unit 11, Tremorfa Industrial Estate,Tremorfa,, Cardiff, South Wales, CF24 5SD Authority: Natural Resources Wales Permit Reference: EP3831ZG Original Permit Ref: Pp3739bk Effective Date: 25th March 2013 **Status: Superseded By Variation** Application Type: Variation App. Sub Type: Minor Positional Accuracy: Automatically positioned to the address Activity Code: 5.3 A(1) a) (iv) Activity Description: DISPOSAL OR RECOVERY OF HAZ WASTE WITH CAPACITY EXCEEDING 10 TONNES PER DAY INVOLVING REPACKAGING PRIOR TO SUBMISSION TO ANY OF THE OTHER ACTIVITIES LISTED IN THIS SECTION OR IN SECTION 5.1 Primary Activity: Y	A13NE (NE)	286	3	321250 175799
13	**Integrated Pollution Prevention And Control** Name: Silverdell (Uk) Ltd Location: Unit 11, Martin Road, Tremorfa Industrial Estate, Tremorfa, Cardiff, CF24 5SD Authority: Natural Resources Wales Permit Reference: Pp3739bk Original Permit Ref: Pp3739bk Effective Date: 29th September 2006 **Status: Superseded By Variation** Application Type: Application App. Sub Type: New Positional Accuracy: Automatically positioned to the address Activity Code: 5.3 A(1) (A) Activity Description: Other Waste Disposal; Hazardous Waste Greater Than 10T/D Primary Activity: Y	A13NE (NE)	286	3	321250 175799

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
14	**Integrated Pollution Prevention And Control** Name: Dwr Cymru Cyfyngedig (Welsh Water) Location: Cardiff East Wastewater Treatment Works Ea/Epr/Fp3232kg/A001, Cardiff East Wwtw, Martin Road,Tremorfa Ind. Estate, Tremorfa,, Cardiff, CF24 5SD Authority: Natural Resources Wales Permit Reference: FP3232KG Original Permit Ref: Fp3232kg Effective Date: 26th May 2010 **Status:** **Superseded By Variation** Application Type: Application App. Sub Type: New Positional Accuracy: Located by supplier to within 10m Activity Code: 1.1 A(1) (B) (I) Activity Description: Combustion; Recovered Oil Greater Or Equal To 3Mw But Less Than 50Mw Primary Activity: Y	A14NW (E)	403	3	321410 175750
15	**Integrated Pollution Prevention And Control** Name: Dwr Cymru Cyfyngedig (Welsh Water) Location: Cardiff Chp Facility Epr/Fp3232kg/V002, Dwr Cymru Cyfyngedig,Cardiff East Wastewater Treatment Works, Tide Fields Road,Rover Way,Tremorfa, CARDIFF, South Glamorgan, CF24 2RX Authority: Environment Agency, Welsh Region Permit Reference: DP3330ZA Original Permit Ref: Fp3232kg Effective Date: Not Supplied **Status:** **Valid** Application Type: Variation App. Sub Type: Simple Standard Variation Positional Accuracy: Automatically positioned to the address Activity Code: 1.1 A(1) (B) (I) Activity Description: Combustion; Recovered Oil Greater Or Equal To 3Mw But Less Than 50Mw Primary Activity: Y	A14NW (NE)	486	4	321421 175905
16	**Integrated Pollution Prevention And Control** Name: Princes Ltd Location: Princes Soft Drinks Division (Cardiff) Ea/Epr/Bx8289iw/V003, Princes Soft Drinks Division - Cardiff,Unit 68, Portmanmoor Road Ind. Estate,East Moors,, Cardiff, South Wales, CF24 5HB Authority: Natural Resources Wales Permit Reference: EP3936TZ Original Permit Ref: Bx8289iw Effective Date: 16th July 2010 **Status:** **Effective** Application Type: Variation App. Sub Type: Standard Positional Accuracy: Automatically positioned to the address Activity Code: 6.8 A(1) (D) (II) Activity Description: Animal, Vegetable & Food; Treating Etc. Vegetable Raw Materials For Food Greater Than 300T/Day Primary Activity: Y	A12NE (W)	494	3	320406 175711
16	**Integrated Pollution Prevention And Control** Name: Princes Ltd Location: Unit 68-69, Portmanmoor Road Industrial Estate, East Moors, Cardiff, CF24 5PS Authority: Natural Resources Wales Permit Reference: DP3132LM Original Permit Ref: Bx8289iw Effective Date: 21st July 2006 **Status:** **Superseded By Variation** Application Type: Variation App. Sub Type: Simple Standard Variation Positional Accuracy: Automatically positioned to the address Activity Code: 6.8 A(1) (D) (II) Activity Description: Animal, Vegetable & Food; Treating Etc. Vegetable Raw Materials For Food Greater Than 300T/Day Primary Activity: Y	A12NE (W)	494	3	320406 175711
16	**Integrated Pollution Prevention And Control** Name: Princes Ltd Location: Unit 68-69, Portmanmoor Road Industrial Estate, CARDIFF, CF24 5PS Authority: Natural Resources Wales Permit Reference: Bx8289iw Original Permit Ref: Bx8289iw Effective Date: 5th May 2005 **Status:** **Superseded By Variation** Application Type: Application App. Sub Type: New Positional Accuracy: Automatically positioned to the address Activity Code: 6.8 A(1) (D) (II) Activity Description: Animal, Vegetable & Food; Treating Etc. Vegetable Raw Materials For Food Greater Than 300T/Day Primary Activity: Y	A12NE (W)	494	3	320406 175711

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
17	**Integrated Pollution Prevention And Control** Name: Celsa Manufacturing Uk Ltd Location: Cardiff Section Mill, Section Mill, Tremorfa Works, Seawall Road, Cardiff, CF24 5TH Authority: Natural Resources Wales Permit Reference: Bv0767it Original Permit Ref: Bv0767it Effective Date: 28th November 2003 **Status:** **Effective** Application Type: Application App. Sub Type: New Positional Accuracy: Manually positioned to the address or location Activity Code: 1.1 B (A) Activity Description: Combustion; Any Fuel Greater Or Equal To 20Mw But Less Than 50Mw (Unless 1.1 A(1) B) Primary Activity: N Activity Code: 2.1 A(1) (C) Activity Description: Ferrous Metals; Hot Rolling Greater Than 20T/Hr Primary Activity: Y	A18SW (N)	541	3	320834 176244
18	**Integrated Pollution Prevention And Control** Name: Celsa Manufacturing (Uk) Ltd Location: Po Box 37, Tremorfa Works, Seawall Road, Cardiff, Cf2 2yx Authority: Environment Agency, Welsh Region Permit Reference: Bl9372 Original Permit Ref: Bl9372 Effective Date: 7th January 2003 **Status:** **Superseded By Variation** Application Type: PPC APPLICATION App. Sub Type: Not Supplied Positional Accuracy: Manually positioned to the address or location Activity Code: 2.1 A(1) (B) Activity Description: Ferrous Metals; Producing, Melting Or Refining Primary Activity: Not Supplied	A18SW (N)	636	4	320688 176297
19	**Integrated Pollution Prevention And Control** Name: Celsa Manufacturing Uk Ltd Location: Tremorfa Melt Shop, Tremorfa Works New Melt Shop Seawall Road, Tremorfa,, Cardiff, South Wales, Cf24 5th Authority: Natural Resources Wales Permit Reference: Tp3639bh Original Permit Ref: Not Supplied Effective Date: 20th July 2016 **Status:** **Effective** Application Type: Variation App. Sub Type: Not Supplied Positional Accuracy: Located by supplier to within 100m Activity Code: 2.1 A(1) (B) Activity Description: Not Supplied Primary Activity: Not Supplied	A18SE (N)	643	3	321200 176300
19	**Integrated Pollution Prevention And Control** Name: Celsa Manufacturing Uk Ltd Location: Tremorfa Melt Shop Ea/Epr/Tp3639bh/V002, New Melt Shop,Tremorfa Works, Seawall Road,Tremorfa,, Cardiff, South Wales, CF24 5TH Authority: Natural Resources Wales Permit Reference: BP3537FN Original Permit Ref: Tp3639bh Effective Date: 24th April 2012 **Status:** **Effective** Application Type: Variation App. Sub Type: Standard Positional Accuracy: Located by supplier to within 100m Activity Code: 2.1 A(1) (B) Activity Description: Ferrous Metals; Producing, Melting Or Refining Primary Activity: Y	A18SE (N)	643	3	321200 176300

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
20	**Integrated Pollution Prevention And Control** Name: Carrington Wire Ltd Location: Pengam Wire Works, Po Box 56, Pengam Works, Tremorfa,, Cardiff, South Wales, CF24 2WR Authority: Natural Resources Wales Permit Reference: MP3934XY Original Permit Ref: Bx9447in Effective Date: 9th July 2008 **Status:** **Surrender Effective** Application Type: Surrender App. Sub Type: Whole Positional Accuracy: Manually positioned to the address or location Activity Code: 2.3 A(1) (A) Activity Description: Surface Treating Metals And Plastics; Electrolytic/Chemical Greater Than 30 Cubic Metres Primary Activity: Y Activity Code: 0.0 Associated Process Activity Description: Associated Process Primary Activity: N	A18NW (N)	646	3	320949 176359
21	**Integrated Pollution Prevention And Control** Name: Viridor Waste Management Ltd Location: Cardiff Energy Recovery Facility Nrw/Epr/Lp3030xa/V002, Cardiff Energy Recovery Facility, Trident Park, Glass Avenue,Ocean Way,, Cardiff, CF24 5EN Authority: Natural Resources Wales Permit Reference: LP3935VD Original Permit Ref: Lp3030xa Effective Date: 21st August 2014 **Status:** **Effective** Application Type: Variation App. Sub Type: Standard Positional Accuracy: Located by supplier to within 10m Activity Code: 5.1 A(1) (C) Activity Description: Incineration Of Non Hazardous Waste Greater Than 1 T/Hr Primary Activity: Y	A12SW (W)	673	3	320220 175490
21	**Integrated Pollution Prevention And Control** Name: Viridor Waste Management Ltd Location: Cardiff Energy From Waste Facility Ea/Epr/Lp3030xa/A001, Waste Facility, Trident Park, Glass Avenue,Ocean Way,, Cardiff, CF24 5EN Authority: Natural Resources Wales Permit Reference: LP3030XA Original Permit Ref: Lp3030xa Effective Date: 4th November 2010 **Status:** **Superseded By Variation** Application Type: Application App. Sub Type: New Positional Accuracy: Located by supplier to within 10m Activity Code: 5.1 A(1) (C) Activity Description: Incineration Of Non Hazardous Waste Greater Than 1 T/Hr Primary Activity: Y	A12SW (W)	673	3	320220 175490
22	**Integrated Pollution Prevention And Control** Name: Allied Steel And Wire Ltd Location: Cardiff Medium Section Mill, Tremorfa Works, Seawall Road, Cardiff, Cf24 2yw Authority: Environment Agency, Welsh Region Permit Reference: Bs9636 Original Permit Ref: Bs9636 Effective Date: Not Supplied **Status:** **Valid** Application Type: Not Supplied App. Sub Type: Not Supplied Positional Accuracy: Manually positioned to the address or location Activity Code: 2.1 A(1) (C) Activity Description: Ferrous Metals; Hot Rolling Greater Than 20T/Hr Primary Activity: Not Supplied	A18NE (N)	694	4	321073 176393
23	**Integrated Pollution Prevention And Control** Name: Celsa Manufacturing Uk Ltd Location: Tremorfa Steel Works, Melt Shop, Tremorfa Works, Seawall Road, Tremorfa, Cardiff, South Wales, CF24 5YX Authority: Natural Resources Wales Permit Reference: Bu2098ip Original Permit Ref: Bl9372iu Effective Date: 20th June 2003 **Status:** **Superseded By Variation** Application Type: Transfer App. Sub Type: Whole without Fit and Proper Person Positional Accuracy: Manually positioned to the road within the address or location Activity Code: 2.1 A(1) (B) Activity Description: Ferrous Metals; Producing, Melting Or Refining Primary Activity: Y	A18NW (N)	703	3	320886 176414

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
24	**Integrated Pollution Prevention And Control** Name: Carrington Wire Ltd Location: Po Box 56, Pengam Wire Works, Tremorfa, Cardiff, South Wales, CF24 2WR Authority: Natural Resources Wales Permit Reference: Bx9447in Original Permit Ref: Bx9447in Effective Date: 1st March 2005 **Status:** **Superseded By Variation** Application Type: Application App. Sub Type: New Positional Accuracy: Manually positioned to the address or location Activity Code: 0.0 Associated Process Activity Description: Associated Process Primary Activity: N Activity Code: 2.3 A(1) (A) Activity Description: Surface Treating Metals And Plastics; Electrolytic/Chemical Greater Than 30 Cubic Metres Primary Activity: Y	A18NW (N)	727	3	320759 176417
25	**Integrated Pollution Prevention And Control** Name: Castle Waste Services Limited Location: Roath Dock Treatment And Recycling Centre, Roath Dock Transfer Station, Old Clipper Road,Roath Dock,, Cardiff, CF10 4LX Authority: Natural Resources Wales Permit Reference: JP3331ZS Original Permit Ref: Lp3439hm Effective Date: 15th August 2013 **Status:** **Effective** Application Type: Variation App. Sub Type: Standard Positional Accuracy: Automatically positioned to the address Activity Code: 5.3 A(1) (A) Activity Description: Other Waste Disposal; Hazardous Waste Greater Than 10T/D Primary Activity: Y Activity Code: 5.4 A(1) b) Activity Description: Recovery of Waste; Cleaning/Regenerating Carbon etc by Removing Scheduled Substances Primary Activity: N	A7SE (SW)	775	3	320449 174937
25	**Integrated Pollution Prevention And Control** Name: Castle Waste Services Limited Location: Roath Dock Transfer Station Ea/Epr/Lp3439hm/V002, Roath Dock Transfer Station, Old Clipper Road,Roath Dock,, Cardiff, CF10 4LX Authority: Natural Resources Wales Permit Reference: FP3937CQ Original Permit Ref: Lp3439hm Effective Date: 24th August 2012 **Status:** **Superseded By Variation** Application Type: Variation App. Sub Type: Minor Positional Accuracy: Automatically positioned to the address Activity Code: 5.4 A(1) b) Activity Description: Recovery of Waste; Cleaning/Regenerating Carbon etc by Removing Scheduled Substances Primary Activity: N Activity Code: 5.3 A(1) (A) Activity Description: Other Waste Disposal; Hazardous Waste Greater Than 10T/D Primary Activity: Y	A7SE (SW)	775	3	320449 174937
25	**Integrated Pollution Prevention And Control** Name: Castle Waste Services Limited Location: Roath Dock Transfer Station Ea/Epr/Lp3439hm/T001, Roath Dock Transfer Station, Old Clipper Road,Roath Dock,, Cardiff, CF10 4LX Authority: Natural Resources Wales Permit Reference: LP3439HM Original Permit Ref: Lp3439hm Effective Date: 24th August 2010 **Status:** **Superseded By Variation** Application Type: Transfer App. Sub Type: Whole limited change in management Positional Accuracy: Automatically positioned to the address Activity Code: 5.4 A(1) b) Activity Description: Recovery of Waste; Cleaning/Regenerating Carbon etc by Removing Scheduled Substances Primary Activity: N Activity Code: 5.3 A(1) (A) Activity Description: Other Waste Disposal; Hazardous Waste Greater Than 10T/D Primary Activity: Y	A7SE (SW)	775	3	320449 174937

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
25	**Integrated Pollution Prevention And Control** Name: Seaport Environmental Ltd Location: Clipper Road, Roath Dock, Cardiff, CF10 4LX Authority: Natural Resources Wales Permit Reference: UP3339UP Original Permit Ref: Jp3231sw Effective Date: 30th April 2007 **Status:** **Superseded By Variation** Application Type: Variation App. Sub Type: Simple Standard Variation Positional Accuracy: Automatically positioned to the address Activity Code: 5.3 A(1) (A) Activity Description: Other Waste Disposal; Hazardous Waste Greater Than 10T/D Primary Activity: Y Activity Code: 5.4 A(1) b) Activity Description: Recovery of Waste; Cleaning/Regenerating Carbon etc by Removing Scheduled Substances Primary Activity: N	A7SE (SW)	775	3	320449 174937
25	**Integrated Pollution Prevention And Control** Name: Seaport Environmental Ltd Location: Clipper Road, Roath Dock, CARDIFF, CF10 4LX Authority: Natural Resources Wales Permit Reference: JP3231SW Original Permit Ref: Jp3231sw Effective Date: 6th June 2006 **Status:** **Superseded By Variation** Application Type: Application App. Sub Type: New Positional Accuracy: Automatically positioned to the address Activity Code: 5.3 A(1) (A) Activity Description: Other Waste Disposal; Hazardous Waste Greater Than 10T/D Primary Activity: Y Activity Code: 5.4 A(1) b) Activity Description: Recovery of Waste; Cleaning/Regenerating Carbon etc by Removing Scheduled Substances Primary Activity: N	A7SE (SW)	775	3	320449 174937
26	**Integrated Pollution Prevention And Control** Name: Celsa Manufacturing Uk Ltd Location: Tremorfa Steel Works, Melt Shop,Tremorfa Works, Seawall Road,Tremorfa,, Cardiff, South Wales, CF24 5YX Authority: Natural Resources Wales Permit Reference: BP3237FK Original Permit Ref: Bl9372iu Effective Date: 22nd April 2012 **Status:** **Superseded By Variation** Application Type: Variation App. Sub Type: Standard Positional Accuracy: Located by supplier to within 100m Activity Code: 2.1 A(1) (B) Activity Description: Ferrous Metals; Producing, Melting Or Refining Primary Activity: Y	A19NW (NE)	884	3	321340 176500
27	**Local Authority Integrated Pollution Prevention And Control** Name: Travis Perkins Location: Clipper Road, Roath Dock, Cardiff, Cf1 5ed Authority: Cardiff Council, Pollution Control Division Permit Reference: EPR/166/6.6 Dated: Not Supplied Process Type: The Chemical Industry Description: Timber Treatment **Status:** **Permit Issued** Positional Accuracy: Located by supplier to within 10m	A8NW (SW)	462	5	320644 175182
28	**Local Authority Integrated Pollution Prevention And Control** Name: Nippon Electric Glass Ltd Location: Glass Avenue, Ocean Park, Cardiff, CF24 5EN Authority: Cardiff Council, Pollution Control Division Permit Reference: PPC/57/3.3 Dated: 28th April 2004 Process Type: Mineral Industries Description: 3.3 Glass manufacture & production **Status:** **Permit Issued** Positional Accuracy: Automatically positioned to the address	A12SW (W)	710	5	320180 175524

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
29	**Local Authority Pollution Prevention and Controls** Name: Action Environmental Location: Unit 5 Martin Road, Tremorfa Industrial Estate, Cardiff, Cf24 5sd Authority: Cardiff Council, Pollution Control Division Permit Reference: PPC/121/3.5 Dated: Not Supplied Process Type: Local Authority Pollution Prevention and Control Description: PG3/16 Mobile screening and crushing processes **Status: Permitted** Positional Accuracy: Manually positioned to the address or location	A13NE (N)	55	5	320979 175753
30	**Local Authority Pollution Prevention and Controls** Name: Tilcon Ltd Location: Rover Way, The Docks, CARDIFF, South Glamorgan, CF24 2RX Authority: Cardiff Council, Pollution Control Division Permit Reference: epa90/12/3.1 Dated: 28th August 1992 Process Type: Local Authority Air Pollution Control Description: PG3/1Blending, packing, loading and use of bulk cement **Status: Authorisation has varied** Positional Accuracy: Manually positioned to the road within the address or location	A13NE (N)	153	5	320990 175857
31	**Local Authority Pollution Prevention and Controls** Name: Hope Ready Mixed Concrete Location: Cardiff Wharf, Roath Dock Road, Cardiff, CF10 4ED Authority: Cardiff Council, Pollution Control Division Permit Reference: Ppc/15/3.1 Dated: 18th November 1992 Process Type: Local Authority Pollution Prevention and Control Description: PG3/1Blending, packing, loading and use of bulk cement **Status: Permitted** Positional Accuracy: Located by supplier to within 10m	A13NE (N)	201	5	321052 175879
32	**Local Authority Pollution Prevention and Controls** Name: Diggers Vehicle Dismantlers Location: Unit 15 Tremorfa Industrial Estate, Tremorfa, CARDIFF, Mid Glamorgan, CF2 2SD Authority: Cardiff Council, Pollution Control Division Permit Reference: Epa90/116/2.2 Dated: 21st September 2001 Process Type: Local Authority Air Pollution Control Description: PG2/1Furnaces for the extraction of non-ferrous metal from scrap **Status: Authorised** Positional Accuracy: Manually positioned to the address or location	A13NE (NE)	220	5	321162 175805
33	**Local Authority Pollution Prevention and Controls** Name: National Engine Centre Location: Unit 16c Martin Road, Tremorfa Industrial Estate, Cardiff, CF24 5SD Authority: Cardiff Council, Pollution Control Division Permit Reference: EPR 152/1.1 Dated: Not Supplied Process Type: Local Authority Pollution Prevention and Control Description: PG1/1Waste oil burners, less than 0.4MW net rated thermal input **Status: Permitted** Positional Accuracy: Manually positioned to the address or location	A13NE (NE)	291	5	321209 175862
34	**Local Authority Pollution Prevention and Controls** Name: Castle Wire Location: PO Box 48, Castle Works, CARDIFF, South Glamorgan, CF10 1XQ Authority: Cardiff Council, Pollution Control Division Permit Reference: Epa90/19/2.2 Dated: 14th April 1993 Process Type: Local Authority Air Pollution Control Description: PG2/2 Hot dip galvanising processes **Status: Authorisation revokedRevoked** Positional Accuracy: Manually positioned to the address or location	A18SE (N)	348	5	320991 176057
35	**Local Authority Pollution Prevention and Controls** Name: Castle Nails Location: PO Box 4, Tremorfa Nail Works, CARDIFF, South Glamorgan, CF24 5YS Authority: Cardiff Council, Pollution Control Division Permit Reference: Epa90/20/2.2 Dated: 14th April 1993 Process Type: Local Authority Air Pollution Control Description: PG2/2 Hot dip galvanising processes **Status: Authorisation revokedRevoked** Positional Accuracy: Manually positioned to the address or location	A18SE (N)	411	5	321005 176118

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
36	**Local Authority Pollution Prevention and Controls** Name: Celsa Manufacturing (Uk) LtdCardiff Mill Services Location: Rover Way, CARDIFF, South Glamorgan, CF24 5UX Authority: Cardiff Council, Pollution Control Division Permit Reference: Ppc/27/3.5 Dated: 6th August 1992 Process Type: Local Authority Pollution Prevention and Control Description: PG3/8 Quarry processes including roadstone plants and the size reduction of bricks, tiles and concrete **Status:** **Permitted** Positional Accuracy: Located by supplier to within 10m	A18SE (NE)	464	5	321188 176105
37	**Local Authority Pollution Prevention and Controls** Name: Brittons Timber Location: Clipper Road, Roath Dock, CARDIFF, South Glamorgan, CF10 4EW Authority: Cardiff Council, Pollution Control Division Permit Reference: Ppc/54/6.6 Dated: 7th January 1997 Process Type: Local Authority Pollution Prevention and Control Description: PG6/2 Manufacture of timber and wood-based products **Status:** **Permitted** Positional Accuracy: Manually positioned to the address or location	A7NE (SW)	470	5	320590 175211
38	**Local Authority Pollution Prevention and Controls** Name: Cuddihy Location: Old Spillers Road, Clipper Road, CARDIFF, CF10 4ED Authority: Cardiff Council, Pollution Control Division Permit Reference: Ppc/124/3.5 Dated: Not Supplied Process Type: Local Authority Pollution Prevention and Control Description: PG3/16 Mobile screening and crushing processes **Status:** **Permitted** Positional Accuracy: Manually positioned to the address or location	A8NW (SW)	596	5	320647 175030
38	**Local Authority Pollution Prevention and Controls** Name: Cuddihy Location: Old Spillers Road, Clipper Road, Cardiff, Cf10 4ed Authority: Cardiff Council, Pollution Control Division Permit Reference: PPC/125/3.5 Dated: Not Supplied Process Type: Local Authority Pollution Prevention and Control Description: PG3/16 Mobile screening and crushing processes **Status:** **Permitted** Positional Accuracy: Manually positioned to the address or location	A8NW (SW)	596	5	320647 175030
38	**Local Authority Pollution Prevention and Controls** Name: Cuddihy Location: Old Spillers Road, Clipper Road, Cardiff, Cf10 4ed Authority: Cardiff Council, Pollution Control Division Permit Reference: PPC/129/3.5 Dated: Not Supplied Process Type: Local Authority Pollution Prevention and Control Description: PG3/16 Mobile screening and crushing processes **Status:** **Permitted** Positional Accuracy: Manually positioned to the address or location	A8NW (SW)	596	5	320647 175030
39	**Local Authority Pollution Prevention and Controls** Name: Nippon Electric Glass Ltd Location: Glass Avenue, Ocean Park, CARDIFF, South Glamorgan, CF24 5EN Authority: Cardiff Council, Pollution Control Division Permit Reference: Epa90/57/3.5 Dated: 19th April 1996 Process Type: Local Authority Air Pollution Control Description: PG3/3 Glass (excluding lead glass) manufacturing processes **Status:** **Authorised** Positional Accuracy: Manually positioned to the address or location	A12SW (W)	680	5	320208 175563
40	**Local Authority Pollution Prevention and Controls** Name: Westdale Press Location: Unit 70 Portmanmoor Road Ind Estate, Eastmoors, CARDIFF, South Glamorgan, CF2 2HB Authority: Cardiff Council, Pollution Control Division Permit Reference: Ppc/46/6.4 Dated: 11th February 1994 Process Type: Local Authority Pollution Prevention and Control Description: PG6/16 Printworks **Status:** **Permitted** Positional Accuracy: Automatically positioned to the address	A12NW (W)	681	5	320222 175742

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
41	**Local Authority Pollution Prevention and Controls** Name: Double Six Press Ltd Location: Unit 52, Portmanmoor Road Industrial Estate, Eastmoors, CARDIFF, CF24 5HB Authority: Cardiff Council, Pollution Control Division Permit Reference: Ppc/122/6.4 Dated: Not Supplied Process Type: Local Authority Pollution Prevention and Control Description: PG6/16 Printworks **Status:** **Permitted** Positional Accuracy: Manually positioned to the address or location	A12NW (NW)	710	5	320260 175949
42	**Local Authority Pollution Prevention and Controls** Name: Hanson Aggregates Location: Cardiff Wharf, Roath Dock Road, Cardiff, CF10 4ED Authority: Cardiff Council, Pollution Control Division Permit Reference: PPC/146/3.1 Dated: Not Supplied Process Type: Local Authority Pollution Prevention and Control Description: PG3/1Blending, packing, loading and use of bulk cement **Status:** **Permitted** Positional Accuracy: Located by supplier to within 10m	A7NE (SW)	715	5	320339 175116
43	**Local Authority Pollution Prevention and Controls** Name: Tarmac Trading Ltd Location: Viking Place, The Docks, CARDIFF, CF2 2RX Authority: Cardiff Council, Pollution Control Division Permit Reference: Ppc/12/3.1 Dated: 28th August 1992 Process Type: Local Authority Pollution Prevention and Control Description: PG3/1Blending, packing, loading and use of bulk cement **Status:** **Permitted** Positional Accuracy: Manually positioned to the address or location	A8SW (S)	729	5	320771 174856
44	**Local Authority Pollution Prevention and Controls** Name: Texaco Ltd Location: Roath Dock Oil Terminal, Rover Way, CARDIFF, South Glamorgan, CF10 4US Authority: Cardiff Council, Pollution Control Division Permit Reference: EPA90/101/1.4 Dated: 31st March 1999 Process Type: Local Authority Air Pollution Control Description: PG1/14 Petrol filling station **Status:** **Authorised** Positional Accuracy: Automatically positioned to the address	A8SW (S)	858	5	320732 174732
45	**Local Authority Pollution Prevention and Controls** Name: Valero Energy Cardiff Terminal Location: Roath Dock, Rover Way, CARDIFF, CF1 5US Authority: Cardiff Council, Pollution Control Division Permit Reference: Ppc/101/1.4 Dated: 31st March 1999 Process Type: Local Authority Pollution Prevention and Control Description: PG1/13 Processes for the storage, loading and unloading of petrol at terminals **Status:** **Permitted** Positional Accuracy: Manually positioned to the address or location	A8SW (S)	896	5	320653 174711
	Nearest Surface Water Feature	A13SW (S)	75	-	320945 175496
46	**Pollution Incidents to Controlled Waters** Property Type: Boats/Ships Location: CARDIFF Authority: Environment Agency, Welsh Region Pollutant: Sewage - Treated Effluent Note: Accidental Spillage/Leakage Incident Date: 28th February 1992 Incident Reference: 3173 Catchment Area: Not Given Receiving Water: Not Given Cause of Incident: Burst Incident Severity: Category 2 - Significant Incident Positional Accuracy: Located by supplier to within 100m	A7NE (SW)	753	4	320401 175001
47	**Prosecutions Relating to Authorised Processes** Location: Roath Dock, Cardiff, Cf10 Prosecution Text: Exporting waste in contravention of waste regulations Prosecution Act: Tswr94 Hearing Date: 6th December 2007 Verdict: Guilty Fine: 9000 Costs: 2449 Positional Accuracy: Manually positioned within the geographical locality	A8NW (S)	471	4	320865 175105

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
48	**Prosecutions Relating to Authorised Processes** Location: Rover Way, Cardiff Prosecution Text: Transporting controlled waste without a WML Prosecution Act: Copa89 S1(1) Hearing Date: 2nd December 2005 Verdict: Guilty Fine: 750 Costs: 516 Positional Accuracy: Manually positioned to the road within the address or location	A8NW (S)	548	4	320754 175044
49	**Registered Radioactive Substances** Name: Quotient Bioresearch(Radiochemicals) Limited Location: Trident Park,Ocean Way,Glass Avenue, CARDIFF, CF24 5HH Authority: Natural Resources Wales Permit Reference: CE2691 Dated: 30th March 2010 Process Type: Registration under S7 RSA for the keeping and use of Radioactive materials (was RSA60 S1) Description: Registration under the Act of an open source which is also the subject of an authorisation **Status: Application has been authorised and any conditions apply to the operatorAuthorised** Positional Accuracy: Manually positioned to the road within the address or location	A12SW (W)	631	3	320258 175633
	River Quality Name: Not Supplied GQA Grade: Unclassified Tidal River Reach: Not Supplied Estimated Distance (km): Not Supplied Flow Rate: Not Supplied Flow Type: Not Supplied Year: 1995	A19SW (NE)	646	4	321505 176058
50	**Substantiated Pollution Incident Register** Authority: Natural Resources Wales Incident Date: 18th July 2001 Incident Reference: 17309 Water Impact: Category 3 - Minor Incident Air Impact: Category 2 - Significant Incident Land Impact: Category 4 - No Impact Positional Accuracy: Located by supplier to within 10m Pollutant: Atmospheric Pollutants And Effects: Other Atmospheric Pollutant Or Effect	A13SE (SE)	74	3	321089 175568
51	**Substantiated Pollution Incident Register** Authority: Natural Resources Wales Incident Date: 29th September 2005 Incident Reference: 349879 Water Impact: Category 4 - No Impact Air Impact: Category 4 - No Impact Land Impact: Category 2 - Significant Incident Positional Accuracy: Located by supplier to within 10m Pollutant: Asbestos Waste	A13NE (NE)	317	3	321284 175806
52	**Substantiated Pollution Incident Register** Authority: Natural Resources Wales Incident Date: 23rd June 2014 Incident Reference: 1248389 Water Impact: Category 2 - Significant Incident Air Impact: Category 4 - No Impact Land Impact: Category 4 - No Impact Positional Accuracy: Located by supplier to within 10m Pollutant: Contaminated Water: Vehicle And Plant Washings	A7NE (SW)	585	3	320507 175131
53	**Substantiated Pollution Incident Register** Authority: Natural Resources Wales Incident Date: 9th June 2010 Incident Reference: 788262 Water Impact: Category 4 - No Impact Air Impact: Category 2 - Significant Incident Land Impact: Category 4 - No Impact Positional Accuracy: Located by supplier to within 10m Pollutant: Pollutant Not Identified: Not Identified	A7NE (SW)	672	3	320541 174999

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
54	**Water Abstractions** Operator: Celsa Manufacturing (Uk) Ltd Licence Number: 21/57/25/0078 Permit Version: 1 Location: Underground Strata, Marine Alluvium And E A F Slag Authority: Natural Resources Wales Abstraction: Mineral Products: Dust Suppression Abstraction Type: Water may be abstracted from a single point Source: Groundwater Daily Rate (m3): Not Supplied Yearly Rate (m3): Not Supplied Details: Not Supplied Authorised Start: 01 January Authorised End: 31 December Permit Start Date: 2nd March 2006 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 10m	A18SE (N)	324	3	321040 176020
54	**Water Abstractions** Operator: Celsa Manufacturing (Uk) Ltd Licence Number: 21/57/25/0078 Permit Version: 1 Location: Underground Strata, Marine Alluvium And E A F Slag Authority: Natural Resources Wales Abstraction: Mineral Products: Evaporative Cooling Abstraction Type: Water may be abstracted from a single point Source: Groundwater Daily Rate (m3): Not Supplied Yearly Rate (m3): Not Supplied Details: Not Supplied Authorised Start: 01 January Authorised End: 31 December Permit Start Date: 2nd March 2006 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 10m	A18SE (N)	324	3	321040 176020
55	**Water Abstractions** Operator: Celsa Manufacturing (Uk) Ltd Licence Number: 21/57/25/0078 Permit Version: 2 Location: Underground Strata At Mineral Site Rover Way Authority: Natural Resources Wales Abstraction: Mineral Products: Dust Suppression Abstraction Type: Water may be abstracted from a single point Source: Groundwater Daily Rate (m3): Not Supplied Yearly Rate (m3): Not Supplied Details: Not Supplied Authorised Start: 04 January Authorised End: 03 July Permit Start Date: 3rd October 2014 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 10m	A19SW (NE)	569	3	321323 176141
55	**Water Abstractions** Operator: Celsa Manufacturing (Uk) Ltd Licence Number: 21/57/25/0078 Permit Version: 2 Location: Underground Strata At Mineral Site Rover Way Authority: Natural Resources Wales Abstraction: Mineral Products: Dust Suppression Abstraction Type: Water may be abstracted from a single point Source: Groundwater Daily Rate (m3): Not Supplied Yearly Rate (m3): Not Supplied Details: Not Supplied Authorised Start: 01 April Authorised End: 31 March Permit Start Date: 3rd October 2014 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 10m	A19SW (NE)	569	3	321323 176141

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
55	**Water Abstractions** Operator: Celsa Manufacturing (Uk) Ltd Licence Number: 21/57/25/0078 Permit Version: 2 Location: Underground Strata At Mineral Site Rover Way Authority: Natural Resources Wales Abstraction: Mineral Products: Evaporative Cooling Abstraction Type: Water may be abstracted from a single point Source: Groundwater Daily Rate (m3): Not Supplied Yearly Rate (m3): Not Supplied Details: Not Supplied Authorised Start: 01 April Authorised End: 31 March Permit Start Date: 3rd October 2014 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 10m	A19SW (NE)	569	3	321323 176141
	Water Abstractions Operator: Celsa Manufacturing (Uk) Ltd Licence Number: 21/57/25/0048 Permit Version: 101 Location: East Bute Dock Authority: Natural Resources Wales Abstraction: Metal: Evaporative Cooling Abstraction Type: Water may be abstracted from a single point Source: Surface Daily Rate (m3): Not Supplied Yearly Rate (m3): Not Supplied Details: Not Supplied Authorised Start: 01 January Authorised End: 31 December Permit Start Date: 16th August 2004 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 10m	A6NW (W)	1406	3	319520 175250
	Water Abstractions Operator: Allied Steel & Wire Plc Licence Number: 21/57/25/0048 Permit Version: 100 Location: East Bute Dock Authority: Environment Agency, Welsh Region Abstraction: Metal: Evaporative Cooling Abstraction Type: Water may be abstracted from a single point Source: Surface Daily Rate (m3): Not Supplied Yearly Rate (m3): Not Supplied Details: EAST BUTE DOCK Authorised Start: 01 January Authorised End: 31 December Permit Start Date: 3rd November 1999 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 100m	A6NW (W)	1406	4	319520 175250
	Water Abstractions Operator: Celsa Manufacturing (Uk) Ltd Licence Number: 21/57/25/0048 Permit Version: 102 Location: East Bute Dock Authority: Natural Resources Wales Abstraction: Metal: Evaporative Cooling Abstraction Type: Water may be abstracted from a single point Source: Surface Daily Rate (m3): Not Supplied Yearly Rate (m3): Not Supplied Details: Not Supplied Authorised Start: 01 April Authorised End: 31 March Permit Start Date: 30th April 2015 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 10m	A6NW (W)	1436	3	319491 175241

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	Water Abstractions Operator: Cardiff City Council Licence Number: 21/57/12/0039 Permit Version: Not Supplied Location: Location Description Not Available Authority: Environment Agency, Welsh Region Abstraction: General Industrial Abstraction Type: Not Supplied Source: Well And Borehole Daily Rate (m3): 0 Yearly Rate (m3): 35 Details: Not Supplied Authorised Start: Not Supplied Authorised End: Not Supplied Permit Start Date: Not Supplied Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 100m	A21NE (NW)	1657	4	319920 177020
	Groundwater Vulnerability Soil Classification: Not classified Map Sheet: Sheet 36 Mid Glamorgan Scale: 1:100,000	A13SW (E)	0	4	320951 175633
	Drift Deposits None				
	Bedrock Aquifer Designations Aquifer Designation: Secondary Aquifer - B	A13SW (E)	0	2	320951 175633
	Superficial Aquifer Designations Aquifer Designation: Secondary Aquifer - Undifferentiated	A13SW (E)	0	2	320951 175633
	Extreme Flooding from Rivers or Sea without Defences Type: Extent of Extreme Flooding from Rivers or Sea without Defences Flood Plain Type: Tidal Models Boundary Accuracy: As Supplied	A13SW (S)	63	3	320951 175514
	Extreme Flooding from Rivers or Sea without Defences Type: Extent of Extreme Flooding from Rivers or Sea without Defences Flood Plain Type: Tidal Models Boundary Accuracy: As Supplied	A13SW (W)	162	3	320726 175563
	Flooding from Rivers or Sea without Defences Type: Extent of Flooding from Rivers or Sea without Defences Flood Plain Type: Tidal Models Boundary Accuracy: As Supplied	A13SW (S)	65	3	320951 175514
	Areas Benefiting from Flood Defences None				
	Flood Water Storage Areas None				
	Flood Defences None				
	Detailed River Network Lines None				
	Detailed River Network Offline Drainage None				

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
56	**BGS Recorded Landfill Sites** Site Name: British Steel Corp Location: Rover Way, Cardiff East Moors, CARDIFF, South Glamorgan Authority: British Geological Survey, National Geoscience Information Service Ground Water: Information not available Surface Water: Information not available Geology: N/A Positional Accuracy: Positioned by the supplier Boundary Accuracy: Moderate	A13SW (E)	0	-	320951 175633
57	**Historical Landfill Sites** Licence Holder: W T Davies Transport Limited Location: Cardiff, South Glamorganshire Name: Land rear of Tarmac Topmix Site Operator Location: Not Supplied Boundary Accuracy: As Supplied Provider Reference: EAHLD14135 First Input Date: 31st December 1984 Last Input Date: 31st December 1985 Specified Waste Type: Deposited Waste included Inert Waste EA Waste Ref: 0 Regis Ref: Not Supplied WRC Ref: 6815/0057 BGS Ref: Not Supplied Other Ref: 1/84	A13SE (SE)	0	3	320979 175614
58	**Historical Landfill Sites** Licence Holder: Not Supplied Location: Rover Way, Cardiff East Moors, Cardiff, South Glamorgan Name: British Steel Corporation Operator Location: Not Supplied Boundary Accuracy: As Supplied Provider Reference: EAHLD31199 First Input Date: 31st December 1940 Last Input Date: Not Supplied Specified Waste Type: Deposited Waste included Inert and Industrial Waste EA Waste Ref: 0 Regis Ref: Not Supplied WRC Ref: Not Supplied BGS Ref: 2044 Other Ref: Not Supplied	A13SW (E)	0	3	320951 175633
59	**Historical Landfill Sites** Licence Holder: Cardiff Bay Development Corporation Location: Cardiff Name: Flue Dust Enclosure Operator Location: Not Supplied Boundary Accuracy: As Supplied Provider Reference: EAHLD15263 First Input Date: 31st December 1989 Last Input Date: 31st December 1991 Specified Waste Type: Deposited Waste included Industrial Waste EA Waste Ref: 0 Regis Ref: Not Supplied WRC Ref: 6815/0031 BGS Ref: Not Supplied Other Ref: Not Supplied	A13NE (NE)	47	3	321018 175685
60	**Historical Landfill Sites** Licence Holder: Crunchgrip Limited Location: Cardiff Name: Dragon Coal and Ovoids Operator Location: Not Supplied Boundary Accuracy: As Supplied Provider Reference: EAHLD15172 First Input Date: 31st December 1986 Last Input Date: 31st December 1990 Specified Waste Type: Deposited Waste included Inert and Industrial Waste EA Waste Ref: 0 Regis Ref: Not Supplied WRC Ref: 6815/0024 BGS Ref: Not Supplied Other Ref: 3/86	A13NE (NE)	140	3	321099 175762

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
61	**Historical Landfill Sites** Licence Holder: British Steel Corporation Location: Cardiff Name: BSC Flue Dust Pit Extension Operator Location: Not Supplied Boundary Accuracy: As Supplied Provider Reference: EAHLD15271 First Input Date: 31st December 1961 Last Input Date: 31st December 1981 Specified Waste Type: Deposited Waste included Industrial Waste EA Waste Ref: 0 Regis Ref: Not Supplied WRC Ref: 6815/0013 BGS Ref: Not Supplied Other Ref: 2/77	A13SE (E)	144	3	321168 175569
62	**Historical Landfill Sites** Licence Holder: British Steel Location: Cardiff Name: BCS-GKN Flue Dust Pit Operator Location: Not Supplied Boundary Accuracy: As Supplied Provider Reference: EAHLD15216 First Input Date: 31st December 1974 Last Input Date: 31st December 1976 Specified Waste Type: Deposited Waste included Industrial and Special Waste EA Waste Ref: 0 Regis Ref: Not Supplied WRC Ref: 6815/0014 BGS Ref: Not Supplied Other Ref: Not Supplied	A13SE (E)	155	3	321176 175561
63	**Historical Landfill Sites** Licence Holder: Welsh Development Agency Location: Rover Way, Cardiff, South Glamorganshire Name: Forty Acre Site Operator Location: Not Supplied Boundary Accuracy: As Supplied Provider Reference: EAHLD15261 First Input Date: 31st December 1982 Last Input Date: 31st December 1983 Specified Waste Type: Deposited Waste included Industrial and Household Waste EA Waste Ref: 0 Regis Ref: Not Supplied WRC Ref: 6815/0033 BGS Ref: Not Supplied Other Ref: 1/82	A13SW (S)	173	3	320916 175405
64	**Historical Landfill Sites** Licence Holder: Allied Steel and Wire Location: Foreshore, Rovers Way, Cardiff Name: Flue and Dust Disposal Site Operator Location: Not Supplied Boundary Accuracy: As Supplied Provider Reference: EAHLD15173 First Input Date: 31st December 1981 Last Input Date: 31st December 1988 Specified Waste Type: Deposited Waste included Inert and Industrial Waste EA Waste Ref: 0 Regis Ref: Not Supplied WRC Ref: 6815/0030 BGS Ref: Not Supplied Other Ref: 1/80, 3/81	A14NW (E)	285	3	321300 175710
65	**Historical Landfill Sites** Licence Holder: Slag Reduction Cardiff Location: Cardiff Name: Slag Reduction Limited Operator Location: Not Supplied Boundary Accuracy: As Supplied Provider Reference: EAHLD15269 First Input Date: 31st December 1977 Last Input Date: 31st December 1990 Specified Waste Type: Deposited Waste included Inert and Industrial Waste EA Waste Ref: 0 Regis Ref: Not Supplied WRC Ref: 6815/0095 BGS Ref: Not Supplied Other Ref: 4/77	A13NE (NE)	291	3	321161 175916

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
66	**Historical Landfill Sites** Licence Holder: Allied Steel and Wire Location: Flue Dust Pit, Cardiff Name: ASW North Operator Location: Not Supplied Boundary Accuracy: As Supplied Provider Reference: EAHLD15241 First Input Date: 31st December 1991 Last Input Date: 31st December 1994 Specified Waste Type: Deposited Waste included Industrial Waste EA Waste Ref: 0 Regis Ref: Not Supplied WRC Ref: 6815/0002 BGS Ref: Not Supplied Other Ref: Not Supplied	A14NW (NE)	482	3	321380 175951
67	**Historical Landfill Sites** Licence Holder: Allied Steel and Wire Location: Flue Dust Pit, Rover Way, Cardiff Name: ASW South Operator Location: Not Supplied Boundary Accuracy: As Supplied Provider Reference: EAHLD15270 First Input Date: 31st December 1988 Last Input Date: 31st December 1991 Specified Waste Type: Deposited Waste included Industrial and Special Waste EA Waste Ref: 0 Regis Ref: Not Supplied WRC Ref: 6815/0003 BGS Ref: Not Supplied Other Ref: 88/09	A14NW (NE)	495	3	321417 175925
68	**Historical Landfill Sites** Licence Holder: Birds Shredded Produce Location: Rover Way, Cardiff, South Glamorganshire Name: Birds Fragmentiser Waste Tip Operator Location: Not Supplied Boundary Accuracy: As Supplied Provider Reference: EAHLD15267 First Input Date: 31st December 1981 Last Input Date: 31st December 1991 Specified Waste Type: Deposited Waste included Industrial, Household and Special Waste EA Waste Ref: 0 Regis Ref: Not Supplied WRC Ref: 6815/0007 BGS Ref: Not Supplied Other Ref: 4/81	A19SW (NE)	738	3	321580 176112
69	**Historical Landfill Sites** Licence Holder: GKN South Wales Limited Location: Cardiff, South Glamorganshire Name: GKN Fragmentiser Operator Location: Not Supplied Boundary Accuracy: As Supplied Provider Reference: EAHLD15211 First Input Date: 31st December 1977 Last Input Date: 31st December 1981 Specified Waste Type: Deposited Waste included Industrial and Household Waste EA Waste Ref: 0 Regis Ref: Not Supplied WRC Ref: 6815/0037 BGS Ref: Not Supplied Other Ref: 3/77	A19SE (NE)	906	3	321659 176284
70	**Licensed Waste Management Facilities (Locations)** Licence Number: 30303 Location: Unit 6, Martin Road, Tremorfa, Cardiff, Glamorgan, CF24 5SD Operator Name: Action Environmental Waste Management Ltd (administration) Operator Location: Not Supplied Authority: Natural Resources Wales Site Category: Household, Commercial And Industrial Transfer Stations **Licence Status: Expired** Issued: 24th February 2004 Last Modified: Not Supplied Expires: Not Supplied Suspended: Not Supplied Revoked: Not Supplied Surrendered: Not Supplied IPPC Reference: Not Supplied Positional Accuracy: Located by supplier to within 10m	A13SE (E)	0	3	321025 175617

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
71	**Licensed Waste Management Facilities (Locations)** Licence Number: 30115 Location: Unit 5, Rover Way, Tremorfa Ind Est, Cardiff, Glamorgan, CF2 2RX Operator Name: Lane H Operator Location: Not Supplied Authority: Natural Resources Wales Site Category: Metal Recycling Sites (Mixed) **Licence Status: Surrendered** Issued: 6th January 1994 Last Modified: Not Supplied Expires: Not Supplied Suspended: Not Supplied Revoked: Not Supplied Surrendered: 1st August 2002 IPPC Reference: Not Supplied Positional Accuracy: Located by supplier to within 10m	A13SW (SW)	0	3	320930 175622
72	**Licensed Waste Management Facilities (Locations)** Licence Number: 900125 Location: Plot 1c, Martin Road, Tremorfa Industrial Estate, Tremorfa, Cardiff, CF24 5SD Operator Name: Bayliss Recovery Limited Operator Location: Not Supplied Authority: Natural Resources Wales Site Category: Metal Recycling Sites (Vehicle Dismantlers) **Licence Status: Issued** Issued: 9th September 2015 Last Modified: Not Supplied Expires: Not Supplied Suspended: Not Supplied Revoked: Not Supplied Surrendered: Not Supplied IPPC Reference: Not Supplied Positional Accuracy: Located by supplier to within 10m	A13NE (NE)	88	3	321044 175745
73	**Licensed Waste Management Facilities (Locations)** Licence Number: 30303 Location: Unit 6, Martin Road, Tremorfa, Cardiff Operator Name: Action Environmental Waste Management Ltd Operator Location: Unit 6, Tremorfa Industrial Estate, Tremorfa, Cardiff, CF24 5SD Authority: Environment Agency Wales, South East Area Site Category: Household, Commercial And Industrial Transfer Stations **Licence Status: Issued** Issued: 24th February 2004 Last Modified: Not Supplied Expires: Not Supplied Suspended: Not Supplied Revoked: Not Supplied Surrendered: Not Supplied IPPC Reference: Not Supplied Positional Accuracy: Located by supplier to within 100m	A13NE (NE)	110	4	321100 175700
74	**Licensed Waste Management Facilities (Locations)** Licence Number: 30127 Location: 11 Martin Road, Tremorfa Ind Est, Cardiff, Glamorgan, CF24 5SD Operator Name: City Special Waste Ltd Operator Location: Not Supplied Authority: Natural Resources Wales Site Category: Special Waste Transfer Stations **Licence Status: To PPC** Issued: 18th May 1994 Last Modified: 21st June 2000 Expires: Not Supplied Suspended: Not Supplied Revoked: Not Supplied Surrendered: Not Supplied IPPC Reference: PP3739BK Positional Accuracy: Located by supplier to within 10m	A13NE (NE)	161	3	321115 175767
74	**Licensed Waste Management Facilities (Locations)** Licence Number: 30244 Location: Units 12/13, Martin Road, Tremorfa Ind Estate, Cardiff, CF24 5SD Operator Name: Harrison Malcolm David Operator Location: Not Supplied Authority: Natural Resources Wales Site Category: Metal Recycling Sites (Vehicle Dismantlers) **Licence Status: Modified** Issued: 28th September 2001 Last Modified: 14th May 2010 Expires: Not Supplied Suspended: Not Supplied Revoked: Not Supplied Surrendered: Not Supplied IPPC Reference: Not Supplied Positional Accuracy: Located by supplier to within 10m	A13NE (NE)	182	3	321127 175789

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
75	**Licensed Waste Management Facilities (Locations)** Licence Number: 30052 Location: Unit 49, Portmanmoor Road, Portmanmoor Road Ind Est, Cardiff, CF24 5HB Operator Name: Personnel Hygiene Services Ltd Operator Location: Not Supplied Authority: Natural Resources Wales Site Category: Clinical Waste Transfer Stations **Licence Status: Modified** Issued: 4th March 1996 Last Modified: 15th October 2007 Expires: Not Supplied Suspended: Not Supplied Revoked: Not Supplied Surrendered: Not Supplied IPPC Reference: Not Supplied Positional Accuracy: Located by supplier to within 10m	A13SW (W)	218	3	320674 175639
76	**Licensed Waste Management Facilities (Locations)** Licence Number: 30319 Location: E L V Facility, 15 Martin Road , Tremorfa Ind Estate, Cardiff, CF24 5SD Operator Name: Roberts William David Operator Location: Not Supplied Authority: Natural Resources Wales Site Category: End of Life Vehicles **Licence Status: Issued** Issued: 20th May 2004 Last Modified: Not Supplied Expires: Not Supplied Suspended: Not Supplied Revoked: Not Supplied Surrendered: Not Supplied IPPC Reference: Not Supplied Positional Accuracy: Located by supplier to within 10m	A13NE (NE)	247	3	321190 175810
77	**Licensed Waste Management Facilities (Locations)** Licence Number: 30224 Location: Unit 17, Tremorfa Industrial Estate, Tremorfa, Cardiff, CF24 5SD Operator Name: R G F Haulage Ltd Operator Location: Not Supplied Authority: Natural Resources Wales Site Category: Household, Commercial And Industrial Transfer Stations **Licence Status: Modified** Issued: 20th December 2000 Last Modified: 22nd December 2007 Expires: Not Supplied Suspended: Not Supplied Revoked: Not Supplied Surrendered: Not Supplied IPPC Reference: Not Supplied Positional Accuracy: Located by supplier to within 10m	A13NE (NE)	277	3	321252 175782
77	**Licensed Waste Management Facilities (Locations)** Licence Number: 900084 Location: Unit 16a, Martin Rd, Tremorfa Ind Est, Cardiff, CF24 5SD Operator Name: Lory Robert Operator Location: Not Supplied Authority: Natural Resources Wales Site Category: Vehicle depollution facility **Licence Status: Issued** Issued: 18th June 2014 Last Modified: Not Supplied Expires: Not Supplied Suspended: Not Supplied Revoked: Not Supplied Surrendered: Not Supplied IPPC Reference: Not Supplied Positional Accuracy: Located by supplier to within 10m	A13NE (NE)	294	3	321238 175823
78	**Licensed Waste Management Facilities (Locations)** Licence Number: 30238 Location: Unit 16, Tremorfa Industrial Estate, Rover Way, Cardiff, CF24 5SD Operator Name: Bill Way & Co Ltd Operator Location: Not Supplied Authority: Natural Resources Wales Site Category: Metal Recycling Sites (Vehicle Dismantlers) **Licence Status: Modified** Issued: 17th January 2001 Last Modified: 9th September 2010 Expires: Not Supplied Suspended: Not Supplied Revoked: Not Supplied Surrendered: Not Supplied IPPC Reference: Not Supplied Positional Accuracy: Located by supplier to within 10m	A13NE (NE)	287	3	321181 175890

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
79	**Licensed Waste Management Facilities (Locations)** Licence Number: 30377 Location: Unit K1, South Point Industrial Estate, Foreshore Road, Cardiff, Glamorgan, CF10 4SP Operator Name: Telluric Land Remediation Ltd Operator Location: Not Supplied Authority: Natural Resources Wales Site Category: Mobile Plant **Licence Status: Surrendered** Issued: 13th October 2005 Last Modified: Not Supplied Expires: Not Supplied Suspended: Not Supplied Revoked: Not Supplied Surrendered: 4th October 2006 IPPC Reference: Not Supplied Positional Accuracy: Manually positioned to the address or location	A8NW (S)	375	3	320841 175203
79	**Licensed Waste Management Facilities (Locations)** Licence Number: 30375 Location: Unit K1, South Point Industrial Estate, Foreshore Road, Cardiff, CF10 4SP Operator Name: Telluric Land Remediation Ltd Operator Location: Not Supplied Authority: Natural Resources Wales Site Category: Mobile Plant **Licence Status: Modified** Issued: 20th September 2005 Last Modified: 8th June 2006 Expires: Not Supplied Suspended: Not Supplied Revoked: Not Supplied Surrendered: Not Supplied IPPC Reference: Not Supplied Positional Accuracy: Manually positioned to the address or location	A8NW (S)	375	3	320841 175203
79	**Licensed Waste Management Facilities (Locations)** Licence Number: 30291 Location: Unit K1, South Point Industrial Estate, Foreshore, Cardiff, Glamorgan, CF10 4SP Operator Name: Telluric Ltd : Licence No 9 Operator Location: Not Supplied Authority: Natural Resources Wales Site Category: Mobile Plant **Licence Status: Surrendered** Issued: 12th June 2003 Last Modified: Not Supplied Expires: Not Supplied Suspended: Not Supplied Revoked: Not Supplied Surrendered: 1st December 2010 IPPC Reference: Not Supplied Positional Accuracy: Manually positioned to the address or location	A8NW (S)	375	3	320841 175203
79	**Licensed Waste Management Facilities (Locations)** Licence Number: 30285 Location: Unit K1, South Point Industrial Estate, Foreshore, Cardiff, Glamorgan, CF10 4SP Operator Name: Telluric Ltd : Licence No 8 Operator Location: Not Supplied Authority: Natural Resources Wales Site Category: Mobile Plant **Licence Status: Surrendered** Issued: 25th February 2003 Last Modified: Not Supplied Expires: Not Supplied Suspended: Not Supplied Revoked: Not Supplied Surrendered: 1st December 2010 IPPC Reference: Not Supplied Positional Accuracy: Manually positioned to the address or location	A8NW (S)	375	3	320841 175203

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
79	**Licensed Waste Management Facilities (Locations)** Licence Number: 30282 Location: Unit K1, South Point Industrial Estate, Foreshore, Cardiff, Glamorgan, CF10 4SP Operator Name: Telluric Ltd : Licence No 7 Operator Location: Not Supplied Authority: Natural Resources Wales Site Category: Mobile Plant **Licence Status: Surrendered** Issued: 9th October 2002 Last Modified: Not Supplied Expires: Not Supplied Suspended: Not Supplied Revoked: Not Supplied Surrendered: 1st December 2010 IPPC Reference: Not Supplied Positional Accuracy: Manually positioned to the address or location	A8NW (S)	375	3	320841 175203
79	**Licensed Waste Management Facilities (Locations)** Licence Number: 30260 Location: Unit K1, South Point Industrial Estate, Foreshore, Cardiff, Glamorgan, CF10 4SP Operator Name: Telluric Ltd Operator Location: Not Supplied Authority: Natural Resources Wales Site Category: Mobile Plant **Licence Status: Surrendered** Issued: 27th September 2002 Last Modified: Not Supplied Expires: Not Supplied Suspended: Not Supplied Revoked: Not Supplied Surrendered: 1st December 2010 IPPC Reference: Not Supplied Positional Accuracy: Manually positioned to the address or location	A8NW (S)	375	3	320841 175203
79	**Licensed Waste Management Facilities (Locations)** Licence Number: 30252 Location: Unit K1, South Point Industrial Estate, Foreshore, Cardiff, Glamorgan, CF10 4SP Operator Name: Telluric Ltd : Licence No 4 Operator Location: Not Supplied Authority: Natural Resources Wales Site Category: Mobile Plant **Licence Status: Surrendered** Issued: 1st July 2002 Last Modified: Not Supplied Expires: Not Supplied Suspended: Not Supplied Revoked: Not Supplied Surrendered: 8th August 2008 IPPC Reference: Not Supplied Positional Accuracy: Manually positioned to the address or location	A8NW (S)	375	3	320841 175203
80	**Licensed Waste Management Facilities (Locations)** Licence Number: 30093 Location: Tremorfa Melt Shop, Seawall Road, Cardiff, CF24 2TH Operator Name: Celsa Manufacturing U K Ltd Operator Location: Not Supplied Authority: Natural Resources Wales Site Category: Physical Treatment Facilities **Licence Status: Modified** Issued: 7th May 1993 Last Modified: 24th April 2012 Expires: Not Supplied Suspended: Not Supplied Revoked: Not Supplied Surrendered: Not Supplied IPPC Reference: Not Supplied Positional Accuracy: Located by supplier to within 10m	A18SE (NE)	420	3	321194 176050

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
81	**Licensed Waste Management Facilities (Locations)** Licence Number: 900159 Location: Roath Dock, Cardiff, CF10 4ED Operator Name: South West Wood Products Limited Operator Location: Not Supplied Authority: Natural Resources Wales Site Category: Treatment of waste wood <75000 tps **Licence Status: Issued** Issued: 25th September 2015 Last Modified: Not Supplied Expires: Not Supplied Suspended: Not Supplied Revoked: Not Supplied Surrendered: Not Supplied IPPC Reference: Not Supplied Positional Accuracy: Manually positioned within the geographical locality	A7NE (SW)	491	3	320600 175177
82	**Licensed Waste Management Facilities (Locations)** Licence Number: 900182 Location: Land Off Old Clipper Road, Cardiff Bay, Cardiff, CF10 4LX Operator Name: Horan Construction Limited Operator Location: Not Supplied Authority: Natural Resources Wales Site Category: Not Supplied **Licence Status: Issued** Issued: 27th October 2015 Last Modified: Not Supplied Expires: Not Supplied Suspended: Not Supplied Revoked: Not Supplied Surrendered: Not Supplied IPPC Reference: Not Supplied Positional Accuracy: Located by supplier to within 10m	A8NW (SW)	580	3	320638 175052
83	**Licensed Waste Management Facilities (Locations)** Licence Number: 30322 Location: European Metal Recycling Ltd, Dowlais Wharf, Roath Dock, Cardiff, CF10 4ED Operator Name: European Metal Recycling Ltd Operator Location: Not Supplied Authority: Natural Resources Wales Site Category: Metal Recycling Sites (Vehicle Dismantlers) **Licence Status: Modified** Issued: 14th November 2005 Last Modified: 11th December 2009 Expires: Not Supplied Suspended: Not Supplied Revoked: Not Supplied Surrendered: Not Supplied IPPC Reference: Not Supplied Positional Accuracy: Located by supplier to within 10m	A7NE (SW)	609	3	320364 175263
84	**Licensed Waste Management Facilities (Locations)** Licence Number: 101251 Location: Roath Dock, Dowlais Wharf, Cardiff, CF10 5ED Operator Name: European Metal Recycling Ltd Operator Location: Not Supplied Authority: Natural Resources Wales Site Category: Metal recycling site **Licence Status: Modified** Issued: 26th February 2010 Last Modified: 1st December 2011 Expires: Not Supplied Suspended: Not Supplied Revoked: Not Supplied Surrendered: Not Supplied IPPC Reference: Not Supplied Positional Accuracy: Located by supplier to within 100m	A7NE (SW)	697	3	320300 175200

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
85	**Licensed Waste Management Facilities (Locations)** Licence Number: 102966 Location: 43 Portmanmoor Road Ind Est , Cardiff, CF24 5HB Operator Name: Moorland Environmental Limited Operator Location: Not Supplied Authority: Natural Resources Wales Site Category: HCI Waste TS + asbestos **Licence Status: Issued** Issued: 27th July 2011 Last Modified: Not Supplied Expires: Not Supplied Suspended: Not Supplied Revoked: Not Supplied Surrendered: Not Supplied IPPC Reference: Not Supplied Positional Accuracy: Located by supplier to within 10m	A17SE (NW)	735	3	320369 176178
86	**Licensed Waste Management Facilities (Locations)** Licence Number: 30006 Location: Old Clipper Road, Roath Dock, Cardiff, CF10 4LX Operator Name: Seaport Environmental Ltd (p P C) Lp3135sb / Jp3231sw Operator Location: Not Supplied Authority: Natural Resources Wales Site Category: Physico-chemical Treatment Facilities **Licence Status: Closed** Issued: 3rd January 1978 Last Modified: 11th July 2003 Expires: Not Supplied Suspended: Not Supplied Revoked: Not Supplied Surrendered: Not Supplied IPPC Reference: LP3135SB Positional Accuracy: Located by supplier to within 10m	A7SE (SW)	782	3	320438 174935
87	**Licensed Waste Management Facilities (Locations)** Licence Number: 30190 Location: Nation Wide Works, Viking Place, Roath Docks, Cardiff, CF10 4TS Operator Name: Biffa Waste Management Ltd Operator Location: Not Supplied Authority: Natural Resources Wales Site Category: Household, Commercial And Industrial Transfer Stations **Licence Status: Issued** Issued: 23rd August 1996 Last Modified: Not Supplied Expires: Not Supplied Suspended: Not Supplied Revoked: Not Supplied Surrendered: Not Supplied IPPC Reference: Not Supplied Positional Accuracy: Located by supplier to within 10m	A8SW (S)	785	3	320830 174792
88	**Licensed Waste Management Facilities (Locations)** Licence Number: 30093 Location: Cardiff Millscale Services, Rover Way, Cardiff Foreshore, Cardiff, CF1 5UX Operator Name: Simsmetal U K Ltd Operator Location: Long Marston, Stratford Upon Avon, Warwickshire, CU37 8AQ Authority: Environment Agency Wales, South East Area Site Category: Metal Recycling Sites (Mixed) **Licence Status: Modified** Issued: 7th May 1993 Last Modified: 28th August 2002 Expires: Not Supplied Suspended: Not Supplied Revoked: Not Supplied Surrendered: Not Supplied IPPC Reference: Not Supplied Positional Accuracy: Located by supplier to within 10m	A19NW (NE)	851	4	321458 176392
89	**Licensed Waste Management Facilities (Locations)** Licence Number: 30124 Location: Land/ Premises At, Rover Way, Cardiff, CF24 2RX Operator Name: Sims Group U K Ltd Operator Location: Not Supplied Authority: Natural Resources Wales Site Category: Metal Recycling Sites (Mixed) **Licence Status: Modified** Issued: 22nd January 1996 Last Modified: 21st September 2010 Expires: Not Supplied Suspended: Not Supplied Revoked: Not Supplied Surrendered: Not Supplied IPPC Reference: Not Supplied Positional Accuracy: Located by supplier to within 10m	A19NW (NE)	951	3	321617 176392

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	Local Authority Landfill Coverage Name: Cardiff Council - Has no landfill data to supply		0	6	320951 175633
90	**Potentially Infilled Land (Non-Water)** Bearing Ref: N Use: Unknown Filled Ground (Pit, quarry etc) Date of Mapping: 1989	A18SE (N)	322	-	321028 176022
91	**Potentially Infilled Land (Non-Water)** Bearing Ref: W Use: Unknown Filled Ground (Pit, quarry etc) Date of Mapping: 1989	A12NW (W)	690	-	320202 175661
92	**Potentially Infilled Land (Non-Water)** Bearing Ref: NW Use: Unknown Filled Ground (Pit, quarry etc) Date of Mapping: 1989	A17SW (NW)	896	-	320129 176102
93	**Potentially Infilled Land (Water)** Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1922	A13SW (E)	0	-	320951 175633
94	**Potentially Infilled Land (Water)** Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1922	A13NW (NW)	197	-	320774 175821
95	**Potentially Infilled Land (Water)** Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1886	A13NW (W)	206	-	320711 175723
96	**Potentially Infilled Land (Water)** Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1886	A13NW (NW)	222	-	320738 175808
97	**Potentially Infilled Land (Water)** Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1886	A13SW (SW)	260	-	320683 175414
98	**Potentially Infilled Land (Water)** Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1886	A12SE (SW)	385	-	320586 175335
99	**Potentially Infilled Land (Water)** Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1901	A12SE (W)	393	-	320508 175473
100	**Potentially Infilled Land (Water)** Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1886	A12NE (NW)	460	-	320548 175957
101	**Potentially Infilled Land (Water)** Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1886	A17SE (NW)	462	-	320572 176002
102	**Potentially Infilled Land (Water)** Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1922	A18SW (NW)	467	-	320645 176076
103	**Potentially Infilled Land (Water)** Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1922	A18SW (N)	482	-	320796 176173
104	**Potentially Infilled Land (Water)** Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1886	A17SE (NW)	489	-	320593 176058
105	**Potentially Infilled Land (Water)** Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1886	A17SE (NW)	495	-	320577 176052
106	**Potentially Infilled Land (Water)** Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1886	A12NE (NW)	497	-	320481 175912
107	**Potentially Infilled Land (Water)** Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1922	A18SE (N)	585	-	320982 176296
108	**Potentially Infilled Land (Water)** Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1886	A18SE (NE)	627	-	321243 176260

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
109	**Potentially Infilled Land (Water)** Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1922	A8NE (S)	632	-	321196 174998
110	**Potentially Infilled Land (Water)** Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1922	A12NE (NW)	646	-	320316 175918
111	**Potentially Infilled Land (Water)** Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1922	A12NW (W)	668	-	320284 175899
112	**Potentially Infilled Land (Water)** Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1922	A12NE (NW)	671	-	320296 175935
113	**Potentially Infilled Land (Water)** Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1922	A12NW (NW)	679	-	320277 175912
114	**Potentially Infilled Land (Water)** Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1886	A12SW (W)	696	-	320224 175362
115	**Potentially Infilled Land (Water)** Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1951	A18NE (N)	719	-	321200 176382
116	**Potentially Infilled Land (Water)** Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1885	A7NW (SW)	734	-	320261 175192
117	**Potentially Infilled Land (Water)** Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1901	A7NW (SW)	735	-	320204 175306
118	**Potentially Infilled Land (Water)** Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1901	A18NW (N)	745	-	320638 176395
119	**Potentially Infilled Land (Water)** Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1885	A7NW (SW)	754	-	320273 175138
120	**Potentially Infilled Land (Water)** Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1951	A18NE (N)	794	-	321232 176450
121	**Potentially Infilled Land (Water)** Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1901	A17SW (NW)	797	-	320192 176008
122	**Potentially Infilled Land (Water)** Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1901	A12SW (W)	799	-	320107 175404
123	**Potentially Infilled Land (Water)** Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1886	A17NE (NW)	802	-	320427 176330
124	**Potentially Infilled Land (Water)** Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1886	A12SW (W)	805	-	320094 175437
125	**Potentially Infilled Land (Water)** Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1901	A12NW (W)	811	-	320150 175952
126	**Potentially Infilled Land (Water)** Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1951	A18NE (N)	817	-	321158 176499
127	**Potentially Infilled Land (Water)** Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1951	A18NE (N)	819	-	321141 176506
128	**Potentially Infilled Land (Water)** Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1886	A17NE (NW)	824	-	320459 176383
129	**Potentially Infilled Land (Water)** Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1886	A12SW (W)	829	-	320059 175590

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
130	**Potentially Infilled Land (Water)** Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1901	A7NW (SW)	833	-	320166 175159
131	**Potentially Infilled Land (Water)** Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1901	A12NW (NW)	837	-	320132 175975
132	**Potentially Infilled Land (Water)** Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1886	A17NE (NW)	847	-	320499 176437
133	**Potentially Infilled Land (Water)** Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1922	A18NE (N)	847	-	321043 176553
134	**Potentially Infilled Land (Water)** Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1901	A18NW (N)	859	-	320703 176539
135	**Potentially Infilled Land (Water)** Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1886	A17SW (NW)	867	-	320115 176011
136	**Potentially Infilled Land (Water)** Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1922	A18NW (N)	869	-	320815 176573
137	**Potentially Infilled Land (Water)** Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1886	A17SE (NW)	876	-	320306 176319
138	**Potentially Infilled Land (Water)** Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1901	A18NW (N)	879	-	320765 176575
139	**Potentially Infilled Land (Water)** Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1885	A7NW (SW)	886	-	320165 175062
140	**Potentially Infilled Land (Water)** Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1922	A18NE (N)	890	-	320990 176601
141	**Potentially Infilled Land (Water)** Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1886	A17NE (NW)	899	-	320356 176398
142	**Potentially Infilled Land (Water)** Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1901	A7NW (SW)	903	-	320108 175118
143	**Potentially Infilled Land (Water)** Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1922	A19NW (NE)	919	-	321562 176399
144	**Potentially Infilled Land (Water)** Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1901	A7NW (SW)	919	-	320045 175208
145	**Potentially Infilled Land (Water)** Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1886	A17NE (NW)	924	-	320502 176527
146	**Potentially Infilled Land (Water)** Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1901	A17NE (N)	943	-	320569 176581
147	**Potentially Infilled Land (Water)** Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1886	A12NW (W)	947	-	319949 175713
148	**Potentially Infilled Land (Water)** Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1886	A7NW (W)	948	-	319981 175298
149	**Potentially Infilled Land (Water)** Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1951	A18NE (N)	956	-	321178 176638
150	**Potentially Infilled Land (Water)** Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1922	A18NE (N)	960	-	321178 176643

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
151	**Potentially Infilled Land (Water)** Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1922	A3NE (S)	962	-	320976 174615
152	**Potentially Infilled Land (Water)** Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1901	A11SE (W)	997	-	319897 175463
153	**Registered Landfill Sites** Licence Holder: R Bailey Plant (Bedwas) Ltd Licence Reference: 89/01 Site Location: Rear Of Tarmac Topmix Site, Rover Way, Cardiff, South Glamorgan Licence Easting: 321000 Licence Northing: 175600 Operator Location: Bedwas House, Newport, Gwent Authority: Environment Agency Wales, South East Area Site Category: Landfill Max Input Rate: Undefined Waste Source Restrictions: No known restriction on source of waste Status: Licence lapsed/cancelled/defunct/not applicable/surrenderedCancelled Dated: Not Supplied Preceded By Licence: Not Given Superseded By Licence: Not Given Positional Accuracy: Manually positioned to the road within the address or location Boundary Accuracy: Not Applicable Authorised Waste: Brok.Concrete/Bricks/Hardcore/Rubble Nat.Occ. Soils/Clays/Gravels/Rocks Prohibited Waste: Liquid Wastes Special Wastes	A13SW (E)	0	4	320951 175633
154	**Registered Landfill Sites** Licence Holder: W T Davies (Transport) Ltd Licence Reference: 1/84 Site Location: Rover Way, (Adj. Tarmac Topmix), Tremorfa, Cardiff, South Glamorgan Licence Easting: 321000 Licence Northing: 175600 Operator Location: As Site Address Authority: Environment Agency Wales, South East Area Site Category: Landfill Max Input Rate: Undefined Waste Source Restrictions: No known restriction on source of waste Status: Licence lapsed/cancelled/defunct/not applicable/surrenderedCancelled Dated: Not Supplied Preceded By Licence: Not Given Superseded By Licence: Not Given Positional Accuracy: Manually positioned to the address or location Boundary Accuracy: Not Applicable Authorised Waste: Constr'N/Demol. Inert/Non-Haz/Non-Tox	A13SE (SE)	1	4	321000 175600
155	**Registered Landfill Sites** Licence Holder: B.S.C. Welsh Div. Licence Reference: 2/77 Site Location: Cardiff Foreshore At.Rover Way, Cardiff, South Glamorgan Licence Easting: 321200 Licence Northing: 175600 Operator Location: As Site Address Authority: Environment Agency Wales, South East Area Site Category: Landfill Max Input Rate: Undefined Waste Source Restrictions: No known restriction on source of waste Status: Licence lapsed/cancelled/defunct/not applicable/surrenderedCancelled Dated: 1st August 1977 Preceded By Licence: Not Given Superseded By Licence: Not Given Positional Accuracy: Manually positioned to the road within the address or location Boundary Accuracy: Not Applicable Authorised Waste: Iron/Steel Manufacturing Wastes Slag, Boiler/Flue Cleanings	A13SE (E)	70	4	321101 175614

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
156	**Registered Landfill Sites** Licence Holder: Allied Steel And Wire Licence Reference: 3/81 Site Location: Cardiff Foreshore, Rover Way, Cardiff, South Glamorgan Licence Easting: 321100 Licence Northing: 175600 Operator Location: Po Box 83, Castle Works, Cardiff, South Glamorgan Authority: Environment Agency Wales, South East Area Site Category: Landfill Max Input Rate: Undefined Waste Source Restrictions: Waste produced/controlled by licence holder Status: Licence lapsed/cancelled/defunct/not applicable/surrenderedCancelled Dated: 1st October 1981 Preceded By Licence: Not Given Superseded By Licence: Not Given Positional Accuracy: Manually positioned to the address or location Boundary Accuracy: Not Applicable Authorised Waste: Constr'N/Demol. Inert/Non-Haz/Non-Tox Iron/Steel Manufacturing Wastes Slag, Boiler/Flue Cleanings	A13SE (E)	71	4	321100 175600
157	**Registered Landfill Sites** Licence Holder: Slag Reduction Company (Cardiff) Ltd Licence Reference: 4/77 Site Location: Cardiff Foreshore., Rover Way, Cardiff, South Glamorgan Licence Easting: 321300 Licence Northing: 176100 Operator Location: As Site Address Authority: Environment Agency Wales, South East Area Site Category: Landfill Max Input Rate: Undefined Waste Source Restrictions: No known restriction on source of waste Status: Record supersededSuperseded Dated: 1st August 1977 Preceded By Licence: Not Given Superseded By Licence: 93/2 Positional Accuracy: Manually positioned to the address or location Boundary Accuracy: Not Applicable Authorised Waste: Iron/Steel Manufacturing Wastes Slag, Boiler/Flue Cleanings	A19SW (NE)	522	4	321300 176100
158	**Registered Landfill Sites** Licence Holder: Allied Steel & Wire Ltd Licence Reference: 88/09 Site Location: Behind Slag Reduction, Rover Way, Cardiff, South Glamorgan Licence Easting: 321470 Licence Northing: 175950 Operator Location: Po Box 83, Castle Works, Cardiff, South Glamorgan Authority: Environment Agency Wales, South East Area Site Category: Landfill Max Input Rate: Undefined Waste Source Restrictions: Waste produced/controlled by licence holder Status: Licence lapsed/cancelled/defunct/not applicable/surrenderedCancelled Dated: 1st June 1988 Preceded By Licence: Not Given Superseded By Licence: Not Given Positional Accuracy: Manually positioned to the address or location Boundary Accuracy: Not Applicable Authorised Waste: Flue Dust From Arrestment Apparatus Non-Tox.Inert Solids From Demolition Residue Ex Recov'Y Of Steel From Slag Slag & Scale Ex Iron/Steel Manuf. Prohibited Waste: Waste N.O.S.	A14NW (NE)	553	4	321470 175950

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
159	**Registered Landfill Sites** Licence Holder: Welsh Development Agency Licence Reference: 1/82 Site Location: Tremorfa Foreshore, Rover Way, Cardiff, South Glamorgan Licence Easting: 321000 Licence Northing: 175000 Operator Location: Treforest Industrial Estate, Pontypridd, Mid Glamorgan Authority: Environment Agency Wales, South East Area Site Category: Landfill Max Input Rate: Undefined Waste Source Restrictions: No known restriction on source of waste Status: Licence lapsed/cancelled/defunct/not applicable/surrenderedCancelled Dated: Not Supplied Preceded By Licence: Not Given Superseded By Licence: Not Given Positional Accuracy: Manually positioned to the address or location Boundary Accuracy: Not Applicable Authorised Waste: Blast Furnace Dust Chain Dust Fume Cleaning Oxide	A8NE (S)	586	4	321000 175000
160	**Registered Landfill Sites** Licence Holder: Birds Shredded Products Licence Reference: 4/81 Site Location: East Foreshore, Rover Way, Cardiff, South Glamorgan Licence Easting: 321560 Licence Northing: 176300 Operator Location: Rover Way, Tremorfa, CARDIFF, South Glamorgan, CF1 5UX Authority: Environment Agency Wales, South East Area Site Category: Landfill Max Input Rate: Undefined Waste Source Restrictions: Waste produced/controlled by licence holder Status: Record supersededSuperseded Dated: Not Supplied Preceded By Licence: Not Given Superseded By Licence: P 3 (94/04) Positional Accuracy: Manually positioned to the address or location Boundary Accuracy: Not Applicable Authorised Waste: Iron/Steel Manufacturing Wastes Slag, Boiler/Flue Cleanings	A19SW (NE)	845	4	321560 176300
160	**Registered Landfill Sites** Licence Holder: G.J.N. S Wales Ltd Licence Reference: 3/77 Site Location: Cardiff Foreshore Adj.Rover Way, Cardiff, South Glamorgan Licence Easting: 321600 Licence Northing: 176300 Operator Location: Castle Works, Cardiff, South Glamorgan Authority: Environment Agency Wales, South East Area Site Category: Landfill Max Input Rate: Undefined Waste Source Restrictions: No known restriction on source of waste Status: Licence lapsed/cancelled/defunct/not applicable/surrenderedCancelled Dated: 1st August 1977 Preceded By Licence: Not Given Superseded By Licence: Not Given Positional Accuracy: Manually positioned to the road within the address or location Boundary Accuracy: Not Applicable Authorised Waste: Iron/Steel Manufacturing Wastes Slag, Boiler/Flue Cleanings	A19SW (NE)	873	4	321600 176300

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
161	**Registered Waste Transfer Sites** Licence Holder: City Special Waste Ltd Licence Reference: 94/07 Site Location: 11 Martin Road, Tremorfa Industrial Estate, Rover Way, CARDIFF, South Glamorgan, CF2 Operator Location: 11 Martin Road, Tremorfa Industrial Estate, Rover Way, CARDIFF, South Glamorgan, CF2 Authority: Environment Agency Wales, South East Area Site Category: Transfer Max Input Rate: Small (Equal to or greater than 10,000 and less than 25,000 tonnes per year) Waste Source Restrictions: No known restriction on source of waste Licence Status: Operational as far as is knownOperational Dated: 21st June 2000 Preceded By Licence: 94/06 Superseded By Licence: Not Given Positional Accuracy: Manually positioned to the address or location Boundary Quality: Not Supplied Authorised Waste: Animal Carcasses Asbestos (Bonded & Fibrous) Building & Demolition Wastes Car & Commercial Tyres Clinical Waste Grps B, D Domestic & Commercial Waste Drummed Special Waste (As In Epa 1990:S62 Of 1996 Regs) Fluorescent Tubes Gas Cylinders Industrial Waste Laboratory Smalls Lead/Acid Batteries Maximum Storage In Licence Maximum Waste Permitted By Licence Soil Contam. With Oil(Max 10%)/Asbestos/Heavy Metals/Chemicals - Incl> Special Waste Special Waste (As In Epa 1990:S62 Of 1996 Regs) - Comprising Prohibited Waste: Material With Haz.Code H 1 - Explosive Material With Haz.Code H 3a - Highly Flammable Material With Haz.Code H 3b - Flammable Material With Haz.Code H 7 - Carcinogenic Material With Haz.Code H10 - Teratogenic Material With Haz.Code H11 - Mutagenic Material With Haz.Code H12 - Can Release Toxic Gases Odorous Wastes (Unless In Sealed Containers) Other Waste/Waste Not Otherwise Specified Waste Liable To Attract Scavengers Wastes Likely To Create Litter (Unless In Sealed Containers)	A13NE (NE)	158	4	321120 175750
161	**Registered Waste Transfer Sites** Licence Holder: N Young t/a City Special Waste Licence Reference: T18 (94/07) Site Location: 11 Martin Road, Tremorfa Industrial Estate, Tremofa, CARDIFF, South Glamorgan, CF2 2SD Operator Location: As Site Address Authority: Environment Agency Wales, South East Area Site Category: Transfer Max Input Rate: Very Small (Less than 10,000 tonnes per year) Waste Source Restrictions: No known restriction on source of waste Licence Status: Record supersededSuperseded Dated: 18th May 1994 Preceded By Licence: Not Given Superseded By Licence: 94/07 Positional Accuracy: Manually positioned to the address or location Boundary Quality: Not Supplied Authorised Waste: Asbestos Asbestos Cement Products Max.Storage Capacity In Licence Prohibited Waste: Any Waste Other Than Above	A13NE (NE)	158	4	321120 175750

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
161	**Registered Waste Transfer Sites** Licence Holder: N Young t/a City Salvage Ltd Licence Reference: 94/06 Site Location: 11 Martin Road, Tremorfa Industrial Estate, Rover Way, CARDIFF, South Glamorgan, CF2 Operator Location: As Site Address Authority: Environment Agency Wales, South East Area Site Category: Transfer Max Input Rate: Large (Equal to or greater than 75,000 and less than 250,000 tonnes per year) Waste Source Restrictions: No known restriction on source of waste Licence Status: Record supersededSuperseded Dated: 1st May 1994 Preceded By Licence: Not Given Superseded By Licence: 94/07 Positional Accuracy: Manually positioned to the address or location Boundary Quality: Not Supplied Authorised Waste: Building And Demolition Wastes Electrical Waste Machinery Max.Storage Capacity In Licence Plastics Scrap Metals Prohibited Waste: Batteries Free Flammable Solvents Liquid Wastes Pcb'S Special Wastes Tyres	A13NE (NE)	158	4	321120 175750
162	**Registered Waste Transfer Sites** Licence Holder: Personnel Hygiene Services Ltd Licence Reference: T13 (91/08) Site Location: Unit 49 Portmanmoor Road Ind. Estate, CARDIFF, South Glamorgan, CF2 2FX Operator Location: PO Box 251, Longmoore Street, LONDON, Greater London, SW1V 1JJ Authority: Environment Agency Wales, South East Area Site Category: Transfer Max Input Rate: Very Small (Less than 10,000 tonnes per year) Waste Source Restrictions: No known restriction on source of waste Licence Status: Operational as far as is knownOperational Dated: 4th March 1996 Preceded By Licence: 91/08 Superseded By Licence: Not Given Positional Accuracy: Manually positioned to the address or location Boundary Quality: Not Supplied Authorised Waste: Clinical Waste Grp Aa Clinical Waste Grp Ab Clinical Waste Grp Ac Clinical Waste Grp B Clinical Waste Grp C Clinical Waste Grp D Clinical Waste Grp E Max.Waste Permitted By Licence Sanitary Towels/Tampons Prohibited Waste: Liquid Waste N.O.S. Matl Contam.Notif.Disease(Unless Ster' Special Wastes N.O.S. Waste N.O.S.	A13SW (W)	218	4	320670 175600

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
162	**Registered Waste Transfer Sites** Licence Holder: Personnel Hygiene Services Ltd Licence Reference: 91/08 Site Location: Unit 49 Portmanmoor Road Ind. Estate, CARDIFF, South Glamorgan, CF2 2FX Operator Location: As Site Address Authority: Environment Agency Wales, South East Area Site Category: Transfer Max Input Rate: Very Small (Less than 10,000 tonnes per year) Waste Source Restrictions: No known restriction on source of waste Licence Status: Record supersededSuperseded Dated: 27th November 1991 Preceded By Licence: Not Given Superseded By Licence: T13 (91/08) Positional Accuracy: Manually positioned to the address or location Boundary Quality: Not Supplied Authorised Waste: Clinical Wastes, Including Sanitary Towel/Tampon/Other Max.Stor Sharps Max.Stor Prohibited Waste: Flammable Wastes Oil Containing Pcb'S And Analogues Percussive Waste Radioactive Wastes Special Wastes	A13SW (W)	218	4	320670 175600
163	**Registered Waste Transfer Sites** Licence Holder: Marlee Metals & Skip Hire Ltd Licence Reference: EAWML30224 Site Location: Unit 17 Tremorfa Industrial Estate, off Martin Road, CARDIFF, South Glamorgan, CF2 2SD Operator Location: 8 Gilbert Place, Mynachdy, CARDIFF, South Glamorgan, CF4 3HF Authority: Environment Agency Wales, South East Area Site Category: Transfer Max Input Rate: Small (Equal to or greater than 10,000 and less than 25,000 tonnes per year) Waste Source Restrictions: No known restriction on source of waste Licence Status: Operational as far as is knownOperational Dated: 19th December 2000 Preceded By Licence: Not Given Superseded By Licence: Not Given Positional Accuracy: Positioned by the supplier Boundary Quality: Good Authorised Waste: Degradable Household/Commercial/Industrial Waste (As In Post'98 E.A.Lics And Equivalent To 22.09.00) Maximum Waste Permitted By Licence Ukw 21.00.00 Inert Materials Ukw 22.00.00 General & Biodegradable Waste - Including Ukw 23.00.00 Metals & Discarded/Scrap Composite Equipment Ukw 24.00.00 Contaminated General Waste Prohibited Waste: Other Waste / Waste Not Otherwise Specified Special Waste (As In Epa 1990:S62 Of 1996 Regs) Ukw 25.00.00 Healthcare Risk Waste Ukw 26.00.00 Asbestos Waste Ukw 27.00.00 Mineral Wastes/Residues From Thermal Processes Not Listed Elsewhere Ukw 28.00.00 Inorganic Chemical Wastes Ukw 29.00.00 Organic Chemical Wastes Ukw 30.00.00 Mixed Chemical Smalls Ukw 31.00.00 Radioactive Waste Ukw 32.00.00 Explosive Waste Waste Solely/Mainly Finely Divided Metals Or Dusts/Powders/Loose Fibres	A13NE (NE)	290	4	321258 175795

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
164	**Registered Waste Transfer Sites** Licence Holder: Slag Reduction Company (Cardiff) Ltd Licence Reference: T 9 (93/2) Site Location: Foreshore Site Rover Way, Tremorfa, Cardiff, South Glamorgan Operator Location: As Site Address Authority: Environment Agency Wales, South East Area Site Category: Transfer Max Input Rate: Very Large (Equal to or greater than 250,000 tonnes per year) Waste Source Restrictions: No known restriction on source of waste Licence Status: Record supersededSuperseded Dated: 7th May 1993 Preceded By Licence: 93/2 Superseded By Licence: T 9 (93/2) Positional Accuracy: Manually positioned to the address or location Boundary Quality: Not Supplied Authorised Waste: Cardboard; Construction And Demolition Wastes; Ferrous Swarf (Millscale); Foundry Sand; Furnace Bricks; Oil; Other Ferrous Metal; Other Non-Ferrous Metal; Paper; Plastic; Slags; Tyres; Wood Prohibited Waste: Any Substances In Eec Dir. 80/68; Pumpable Sludges (< 20% Dry Solids); Special Wastes; Waste In Sealed Drums; Waste N.O.S.	A19NW (NE)	812	4	321450 176350
164	**Registered Waste Transfer Sites** Licence Holder: Slag Reduction Company (Cardiff) Ltd Licence Reference: 93/2 Site Location: Foreshore Site Rover Way, Tremorfa, Cardiff, South Glamorgan Operator Location: As Site Address Authority: Environment Agency Wales, South East Area Site Category: Transfer Max Input Rate: Very Large (Equal to or greater than 250,000 tonnes per year) Waste Source Restrictions: No known restriction on source of waste Licence Status: Record supersededSuperseded Dated: 1st May 1993 Preceded By Licence: 4/77 Superseded By Licence: T 9 (93/2) Positional Accuracy: Manually positioned to the address or location Boundary Quality: Not Supplied Authorised Waste: Brick; Demolition Wastes; Ferrous Metal Scrap; Max.Storage In Licence; Non-Ferrous Metal Scrap; Plastic, Wood; Slag; Swarf Prohibited Waste: Pumpable Sludge Wastes; Sealed Drums; Special Wastes	A19NW (NE)	812	4	321450 176350

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
165	**Registered Waste Transfer Sites** Licence Holder: Uk Waste Management Ltd Licence Reference: SEW/202 Site Location: Nationwide Works, Viking Place, Roath Docks, Cardiff, South Glamorgan Operator Location: Gate House, Castle Estate, Turnpike Road, HIGH WYCOMBE, Buckinghamshire, HP12 3NR Authority: Environment Agency Wales, South East Area Site Category: Transfer Max Input Rate: Medium (Equal to or greater than 25,000 and less than 75,000 tonnes per year) Waste Source Restrictions: No known restriction on source of waste Licence Status: Operational as far as is knownOperational Dated: 23rd August 1996 Preceded By Licence: Not Given Superseded By Licence: Not Given Positional Accuracy: Manually positioned to the address or location Boundary Quality: Not Supplied Authorised Waste: Commercial Waste; Constr'N/Demol./Excav. Wastes; Detergents; Difficult Wastes (Wmp.26) As Below; Empty Used Containers; Food Processing Wastes/Starch; Household Waste; Industrial Effluent Treatment Sludge; Industrial Wastes; Inert Waste; Max.Storage In Licence; Max.Waste Input Which May Incl.; Max.Waste Permitted By Licence; Recyclable Wastes; Road Sweeping Sludges; Soap Prohibited Waste: Highly Flam./Lpg Regs'72 Subs; Liquid Waste Incl. Drums Of Liq.Waste; Percussive/Explosive/Similar Waste; Sub'S Control. Radioactive Subs Act'60; Waste N.O.S.	A8SW (S)	880	4	320800 174700
166	**Registered Waste Treatment or Disposal Sites** Licence Holder: H J Lane t/a Tremorfa Autosalvage Licence Reference: S12 (94/02) Site Location: Unit 5 Martin Road, Tremorfa Industrial Estate, CARDIFF, South Glamorgan, CF2 2RX Operator Location: As Site Address Authority: Environment Agency Wales, South East Area Site Category: Scrapyard Max Input Rate: Very Small (Less than 10,000 tonnes per year) Waste Source Restrictions: No known restriction on source of waste Licence Status: Operational as far as is knownOperational Dated: 6th January 1994 Preceded By Licence: Not Given Superseded By Licence: Not Given Positional Accuracy: Manually positioned to the address or location Boundary Quality: Not Supplied Authorised Waste: Max.Waste Permitted By Licence; Oil/Water Mixtures; Scrap Engines; Scrap Tyres; Scrap Vehicles Incl. Undrained Car Batteries Prohibited Waste: Any Metal In Fine Powder Form; Asbestos; Epoxy Resins (Not Finished Prod'S); Insulated Cable; Liquid Waste N.O.S.; Sodium/Potassium; Special Wastes; Trans/Capc(>0.5kg) Cont.Pcbs/Analoges; Waste N.O.S.; Waste With Free Flam.Solvents	A13NE (NE)	11	4	320970 175670

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
167	**Registered Waste Treatment or Disposal Sites** Licence Holder: M Harrison T/A 1st Choice Vehicle Dismant Licence Reference: Eawml30244 Site Location: 1st Choice Vehicle Dismantlers, Units 12/13 Martins Road, Rover Way, Cardiff, South Glamorgan, Cf2 2sd Operator Location: 1st Choice Vehicle Dismantlers, Units 12/13 Martins Road, Rover Way, Cardiff, South Glamorgan, Cf2 2sd Authority: Environment Agency Wales, South East Area Site Category: Scrapyard Max Input Rate: Small (Equal to or greater than 10,000 and less than 25,000 tonnes per year) Waste Source Restrictions: No known restriction on source of waste Licence Status: Operational as far as is knownOperational Dated: 28th September 2001 Preceded By Licence: Not Given Superseded By Licence: Not Given Positional Accuracy: Approximate location provided by supplier Boundary Quality: Not Supplied Authorised Waste: Metal Waste/Scrap Metal (Inferred From Regis Listing) New Licence, Wastes Not To Hand	A13NE (NE)	251	4	321200 175800
168	**Registered Waste Treatment or Disposal Sites** Licence Holder: Bill Way % Co Ltd Licence Reference: EAWML30238 Site Location: Unit 16 Tremorfa Industrial Estate, Rover Way, CARDIFF, South Glamorgan, CF2 2SD Operator Location: Unit 16 Tremorfa Industrial Estate, Rover Way, CARDIFF, South Glamorgan, CF2 2SD Authority: Environment Agency Wales, South East Area Site Category: Scrapyard Max Input Rate: Very Small (Less than 10,000 tonnes per year) Waste Source Restrictions: No known restriction on source of waste Licence Status: Operational as far as is knownOperational Dated: 17th January 2001 Preceded By Licence: Not Given Superseded By Licence: Not Given Positional Accuracy: Positioned by the supplier Boundary Quality: Good Authorised Waste: Maximum Waste Permitted By Licence Vehicles (Incl. Special Waste Which Is Normal / Necessary Part Of Vehicle) Prohibited Waste: Degradable Household/Commercial/Industrial Waste (As In Post'98 E.A.Lics And Equivalent To 22.09.00) Inert Materials (As In Post'98 E.A.Lics And Equivalent To 21.00.00) Other Waste / Waste Not Otherwise Specified Special Waste (As In Epa 1990:S62 Of 1996 Regs) Not Otherwise Specified	A13NE (NE)	272	4	321172 175877
169	**Registered Waste Treatment or Disposal Sites** Licence Holder: T N Smith & Sons (Cardiff) Ltd Licence Reference: S 5 (93/01) Site Location: Clipper Road, Roath Dock, CARDIFF, South Glamorgan, CF1 5LX Operator Location: As Site Address Authority: Environment Agency Wales, South East Area Site Category: Scrapyard Max Input Rate: Large (Equal to or greater than 75,000 and less than 250,000 tonnes per year) Waste Source Restrictions: No known restriction on source of waste Licence Status: Site exempt from licenceExempt Dated: 1st March 1993 Preceded By Licence: Not Given Superseded By Licence: Not Given Positional Accuracy: Manually positioned to the road within the address or location Boundary Quality: Not Supplied Authorised Waste: Machinery Max.Storage In Licence Scrap Metal Prohibited Waste: Batteries Liquids Pcbs Sodium/Potassium Solvents Special Wastes Tyres	A8NW (SW)	531	4	320650 175100

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
170	**Registered Waste Treatment or Disposal Sites** Licence Holder: Allied Metals Ltd Licence Reference: P 3 (94/04) Site Location: Rover Way, Tremorfa, CARDIFF, South Glamorgan, CF1 5UX Operator Location: Atlantech House, Beaufort Square, CHEPSTOW, Gwent, NP6 5EP Authority: Environment Agency Wales, South East Area Site Category: Scrapyard Max Input Rate: Large (Equal to or greater than 75,000 and less than 250,000 tonnes per year) Waste Source Restrictions: No known restriction on source of waste Licence Status: Operational as far as is knownOperational Dated: 12th April 1994 Preceded By Licence: 4/81 Superseded By Licence: Not Given Positional Accuracy: Positioned by the supplier Boundary Quality: Good Authorised Waste: Max.Storage In Licence Max.Waste Permitted By Licence Other Scrap Products Scrap Railway Wagons Scrap Vehicle Shells Trans/Capac (<0.5kg) Attached To Equip Prohibited Waste: Any Metal In Fine Powder Form Elemental Mercury Elemental Sodium/Potassium Liquid Wastes Percussive/Explosive/Similar Waste Sludge Wastes Special Wastes Sub'S Control. Radioactive Subs Act'60 Trans/Cpac'S(>0.5kg) Likely Cont.Pcbs Undrained Vehicles Waste N.O.S.	A19SW (NE)	688	4	321375 176251
171	**Registered Waste Treatment or Disposal Sites** Licence Holder: Caird Environmental Ltd Licence Reference: P 2 (1/78) Site Location: Tank Cleaning Plant At East Quay, Roath Dock, Cardiff, South Glamorgan, Cf1 5lx Operator Location: North Road, Ellesmere Port, Cheshire, Ch65 1aa Authority: Environment Agency Wales, South East Area Site Category: Treatment - Chemical Max Input Rate: Very Small (Less than 10,000 tonnes per year) Waste Source Restrictions: No known restriction on source of waste Licence Status: Licence lapsed/cancelled/defunct/not applicable/surrenderedCancelled Dated: 1st August 1994 Preceded By Licence: 1/78 Superseded By Licence: Not Given Positional Accuracy: Manually positioned to the road within the address or location Boundary Quality: Not Supplied Authorised Waste: Interceptor Pit Wastes Max.Waste Permitted By Licence Oil/Water Mixtures Oily Sludges Comprising Tank Cleaning Sludge Waste Fuel Oil Waste Mineral Oils Prohibited Waste: Any Metal In Fine Powder Form Asbestos Liquid Waste N.O.S. Medical, Surgical, Veterinary Wastes Pcb'S And Analogues Percussive/Explosive/Similar Waste Sodium/Potassium Special Wastes Waste N.O.S.	A7NE (SW)	694	4	320500 175000

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
171	**Registered Waste Treatment or Disposal Sites** Licence Holder: Kinnis & Brown (Chemical Services) Ltd Licence Reference: 1/78 Site Location: Tank Cleaning Plant At East Quay, Roath Dock, Cardiff, South Glamorgan, Cf1 5lx Operator Location: As Site Address Authority: Environment Agency Wales, South East Area Site Category: Treatment - Chemical Max Input Rate: Undefined Waste Source Restrictions: No known restriction on source of waste Licence Status: Record supersededSuperseded Dated: 3rd January 1978 Preceded By Licence: Not Given Superseded By Licence: P 2 (1/78) Positional Accuracy: Manually positioned to the road within the address or location Boundary Quality: Not Supplied Authorised Waste: Oil/Water Mixtures Including Sludges Solvents	A7NE (SW)	694	4	320500 175000
172	**Registered Waste Treatment or Disposal Sites** Licence Holder: Phillip Metals (Europe) Ltd Licence Reference: T 9 (93/2) Site Location: Cardiff Foreshore, Rover Way, Tremorfa, CARDIFF, South Glamorgan, CF1 5UX Operator Location: Allied House, Beaufort Square, CHEPSTOW, Gwent, NP6 5EP Authority: Environment Agency Wales, South East Area Site Category: Transfer - with treatment Max Input Rate: Very Large (Equal to or greater than 250,000 tonnes per year) Waste Source Restrictions: No known restriction on source of waste Licence Status: Operational as far as is knownOperational Dated: 13th March 1998 Preceded By Licence: T 9 (93/2) Superseded By Licence: Not Given Positional Accuracy: Manually positioned to the address or location Boundary Quality: Not Supplied Authorised Waste: Com. & Ind. Waste Max.Stor; Com/Ind.Waste For Auth.Proc. Max.Stor; Ferrous Metals Max.Stor; Foundry Sand For Auth.Proc. Max.Stor; Max.Waste Permitted By Licence; Millscale Max.Stor; Non-Ferrous Metals Max.Stor; Refractory Brick For Auth.Pr' Max.Stor; Unprocessed Slags Max.Stor Prohibited Waste: Healthcare/Clinical Wastes; Liquid/Sludge Wastes; Lpg Cylinders; Putrescible Waste Other Than Wood/Paper/Cardboard; Spec.Waste (Epa'90:S62/1996 Regs); Spec.Waste (Epa'90:S62/1996 Regs)N.O.S; Waste N.O.S.	A19NW (NE)	812	4	321450 176350

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
173	**Control of Major Accident Hazards Sites (COMAH)** Name: Simon Management Ltd Location: Roath Dock, Roath Dock, Cardiff , South Glamorgan , Cf1 , 5us Reference: Not Supplied Type: Upper Tier **Status: Active** Positional Accuracy: Manually positioned within the geographical locality	A7NE (SW)	599	7	320475 175141
174	**Control of Major Accident Hazards Sites (COMAH)** Name: Air Products Plc Location: Roath Dock, Cardiff, CF10 4UU Reference: 1247 Type: Lower Tier **Status: Record Ceased To Be Supplied Under COMAH Regulations** Positional Accuracy: Automatically positioned to the address	A8SW (S)	624	7	320766 174963
175	**Control of Major Accident Hazards Sites (COMAH)** Name: Allied Steel and Wire Ltd Location: Tremorfa Steel Works, PO Box 37, Seawall Road, CARDIFF, South Glamorgan, CF24 5TH Reference: Not Supplied Type: Lower Tier **Status: Record Ceased To Be Supplied Under COMAH Regulations** Positional Accuracy: Automatically positioned to the address	A18SW (N)	633	7	320695 176297
176	**Control of Major Accident Hazards Sites (COMAH)** Name: Valero Logistics Uk Ltd Location: Roath Dock, Roath Dock, Rover Way , Cardiff , South Glamorgan , Cf10 4us Reference: Not Supplied Type: Upper Tier **Status: Active** Positional Accuracy: Manually positioned to the address or location	A8SW (S)	782	7	320628 174838
177	**Control of Major Accident Hazards Sites (COMAH)** Name: Simon Management Ltd Location: Rover Way, CARDIFF, CF10 4US Reference: 1029545 Type: Upper Tier **Status: Active** Positional Accuracy: Automatically positioned to the address	A8SW (S)	858	7	320732 174732
177	**Control of Major Accident Hazards Sites (COMAH)** Name: Gulf Oil (GB) Limited Location: Roath Dock Oil Terminal, CARDIFF, South Glamorgan, CF10 4US Reference: Not Supplied Type: Lower Tier **Status: Record Ceased To Be Supplied Under COMAH Regulations** Positional Accuracy: Automatically positioned to postcode unit of the address	A8SW (S)	859	7	320731 174731
178	**Notification of Installations Handling Hazardous Substances (NIHHS)** Name: Air Products (GB) Limited Location: Roath Dock, The Foreshore, CARDIFF, South Glamorgan, CF10 4UU **Status: Not Active** Positional Accuracy: Automatically positioned to postcode unit of the address	A8SW (S)	629	7	320766 174958
179	**Notification of Installations Handling Hazardous Substances (NIHHS)** Name: Tremorfa Steelworks (Asw Plc) Location: P O Box 37, Tremorfa Works, CARDIFF, South Glamorgan, CF24 5YX **Status: Not Active** Positional Accuracy: Manually positioned within the geographical locality	A18NE (N)	834	7	321236 176492
180	**Notification of Installations Handling Hazardous Substances (NIHHS)** Name: Gulf Oil (GB) Limited Location: Roath Dock Oil Terminal, CARDIFF, South Glamorgan, CF10 4US **Status: Not Active** Positional Accuracy: Automatically positioned to postcode unit of the address	A8SW (S)	864	7	320731 174726
181	**Planning Hazardous Substance Consents** Name: Allied Steel & Wire Ltd Location: Tremorfa Steelworks, Rover Way, Cardiff, South Glamorgan, Cf1 5ux Authority: Cardiff Council, Regulatory Services Application Ref: H/92/00001/R Hazardous Substance: Unknown at time of report Maximum Quantity: 30 Application date: 19th October 1992 **Decision: Deemed Consent GrantedGranted** Positional Accuracy: Manually positioned to the road within the address or location	A13NE (N)	240	8	321030 175934

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
182	**Planning Hazardous Substance Consents** Name: Air Products Plc Location: Roath Dock, The Foreshore, CARDIFF, South Glamorgan, CF10 4UU Authority: Cardiff Council, Regulatory Services Application Ref: H/92/00002/R Hazardous Substance: Flammable (flammable liquids with flash point >=21C and <=55C supporting combustion) Maximum Quantity: 0 Application date: 26th October 1992 **Decision: Deemed Consent GrantedGranted** Positional Accuracy: Manually positioned to the address or location	A8SW (S)	621	8	320763 174967
183	**Planning Hazardous Substance Consents** Name: Total Butler Location: Seawall Road, Tremorfa, Cardiff, CF24 5TH Authority: Cardiff Council, Regulatory Services Application Ref: 08/00534/E Hazardous Substance: Part C, Flammable Substance (Not in Parts A&B), Liquefied gas or gases, flammable in air with a boiling point of <0C, where amount held >= 50tonnes Maximum Quantity: 0 Application date: 29th February 2008 **Decision: Deemed Consent GrantedGranted** Positional Accuracy: Manually positioned to the road within the address or location	A18NW (N)	650	8	320824 176353
184	**Planning Hazardous Substance Consents** Name: Gulf Oil (Gb) Ltd Location: Roath Dock Oil Terminal, Rover Way, Butetown, Cardiff Authority: Cardiff Council, Regulatory Services Application Ref: H/92/00003/R Hazardous Substance: Part C, Flammable Substance (Not in Parts A&B), Liquefied gas or gases, flammable in air with a boiling point of <0C, where amount held >= 50tonnes Maximum Quantity: 0 Application date: 26th October 1992 **Decision: Deemed Consent GrantedGranted** Positional Accuracy: Manually positioned to the address or location	A8SW (S)	788	8	320627 174832
185	**Planning Hazardous Substance Consents** Name: Gulf Oil (Gb) Ltd Location: Rover Way, Butetown, Cardiff Authority: Cardiff Council, Regulatory Services Application Ref: H/93/00001/R Hazardous Substance: Part C, Flammable Substance (Not in Parts A&B), Liquefied gas or gases, flammable in air with a boiling point of <0C, where amount held >= 50tonnes Maximum Quantity: 20000 Application date: 10th May 1993 **Decision: Withdrawn** Positional Accuracy: Manually positioned to the address or location	A8SW (S)	856	8	320625 174761
186	**Planning Hazardous Substance Consents** Name: Texaco Ltd / Simon Management Location: Roath Dock, Rover Way, CARDIFF, CF10 4US Authority: Cardiff Council, Regulatory Services Application Ref: H99/4r Hazardous Substance: Part C, Flammable Substance (Not in Parts A&B), All other liquid or liquids with flashpoint less than 21C, where amount held is >= 10,000 tonnes Maximum Quantity: 33000 Application date: 20th October 1999 **Decision: Deemed Consent GrantedGranted** Positional Accuracy: Manually positioned to the address or location	A8SW (S)	860	8	320734 174729
187	**Planning Hazardous Substance Consents** Name: Gulf Oil Gb Ltd Location: Roath Dock Oil Terminal, Rover Way, CARDIFF, South Glamorgan, CF1 5US Authority: Cardiff Council, Regulatory Services Application Ref: H/93/00002/R Hazardous Substance: Automotive petrol and other petroleum spirits Maximum Quantity: 20000 Application date: 8th September 1993 **Decision: Deemed Consent GrantedGranted** Positional Accuracy: Located by supplier to within 10m	A3NW (S)	954	8	320760 174630

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	BGS 1:625,000 Solid Geology Description: Triassic Rocks (Undifferentiated)	A13SW (E)	0	2	320951 175633
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Sediment Arsenic Concentration: <15 mg/kg Cadmium Concentration: <1.8 mg/kg Chromium Concentration: 60 - 90 mg/kg Lead Concentration: <100 mg/kg Nickel Concentration: 15 - 30 mg/kg	A13SW (E)	0	2	320951 175633
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Sediment Arsenic Concentration: no data Cadmium Concentration: <1.8 mg/kg Chromium Concentration: no data Lead Concentration: <100 mg/kg Nickel Concentration: no data	A9SW (SE)	943	2	321611 174866
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Sediment Arsenic Concentration: <15 mg/kg Cadmium Concentration: no data Chromium Concentration: 60 - 90 mg/kg Lead Concentration: no data Nickel Concentration: 15 - 30 mg/kg	A15SW (E)	969	2	322000 175633
188	**BGS Recorded Mineral Sites** Site Name: Rover Way Location: Rover Way, Cardiff Source: British Geological Survey, National Geoscience Information Service Reference: 505 Type: Tip **Status: Ceased** Operator: Not Supplied Operator Location: Not Supplied Periodic Type: Not Available Geology: Blast Furnace Slag Commodity: Slag (Including Basic Oxygen Slag and Electric Arc Furnace Slags) Positional Accuracy: Located by supplier to within 10m	A13NE (NE)	148	2	321138 175716
189	**BGS Recorded Mineral Sites** Site Name: Cardiff Wharf Location: Roath Dock Road, Roath Basin Docks , Cardiff Docks, Cardiff, South Glamorgan, Cf10 4ld Source: British Geological Survey, National Geoscience Information Service Reference: 10854 Type: Wharf **Status: Active** Operator: Not Supplied Operator Location: Not Supplied Periodic Type: Quaternary Geology: Marine Deposits Commodity: Marine Sand And Gravel Positional Accuracy: Located by supplier to within 10m	A7NW (SW)	951	2	320150 174975

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
189	**BGS Recorded Mineral Sites** Site Name: Cardiff Wharf Location: , Roath Dock Road, Roath Dock, Cardiff, South Glamorgan , Cf10 4ed Source: British Geological Survey, National Geoscience Information Service Reference: 10855 Type: Wharf **Status: Active** Operator: Not Supplied Operator Location: Not Supplied Periodic Type: Quaternary Geology: Marine Deposits Commodity: Marine Sand And Gravel Positional Accuracy: Located by supplier to within 10m	A7NW (SW)	951	2	320150 174975
	BGS Measured Urban Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Grid: 320690, 175570 Soil Sample Type: Topsoil Sample Area: Cardiff Arsenic Measured Concentration: 54.10 mg/kg Cadmium Measured Concentration: 0.70 mg/kg Chromium Measured Concentration: 120.70 mg/kg Lead Measured Concentration: 198.30 mg/kg Nickel Measured Concentration: 76.90 mg/kg	A13SW (W)	198	2	320690 175570
	BGS Measured Urban Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Grid: 321220, 175770 Soil Sample Type: Topsoil Sample Area: Cardiff Arsenic Measured Concentration: 149.00 mg/kg Cadmium Measured Concentration: 100.60 mg/kg Chromium Measured Concentration: 2932.80 mg/kg Lead Measured Concentration: 8158.30 mg/kg Nickel Measured Concentration: 384.10 mg/kg	A13NE (NE)	245	2	321220 175770
	BGS Measured Urban Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Grid: 320730, 175310 Soil Sample Type: Topsoil Sample Area: Cardiff Arsenic Measured Concentration: 52.70 mg/kg Cadmium Measured Concentration: 3.50 mg/kg Chromium Measured Concentration: 183.50 mg/kg Lead Measured Concentration: 525.00 mg/kg Nickel Measured Concentration: 109.10 mg/kg	A13SW (SW)	308	2	320730 175310
	BGS Measured Urban Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Grid: 321220, 176210 Soil Sample Type: Topsoil Sample Area: Cardiff Arsenic Measured Concentration: 11.60 mg/kg Cadmium Measured Concentration: 1.70 mg/kg Chromium Measured Concentration: 157.90 mg/kg Lead Measured Concentration: 89.70 mg/kg Nickel Measured Concentration: 29.30 mg/kg	A18SE (NE)	572	2	321220 176210

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	BGS Measured Urban Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Grid: 320550, 176160 Soil Sample Type: Topsoil Sample Area: Cardiff Arsenic Measured Concentration: 19.80 mg/kg Cadmium Measured Concentration: 0.60 mg/kg Chromium Measured Concentration: 75.80 mg/kg Lead Measured Concentration: 215.40 mg/kg Nickel Measured Concentration: 35.60 mg/kg	A17SE (NW)	592	2	320550 176160
	BGS Measured Urban Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Grid: 320340, 175300 Soil Sample Type: Topsoil Sample Area: Cardiff Arsenic Measured Concentration: 61.20 mg/kg Cadmium Measured Concentration: 5.60 mg/kg Chromium Measured Concentration: 2118.80 mg/kg Lead Measured Concentration: 1075.40 mg/kg Nickel Measured Concentration: 130.20 mg/kg	A7NE (SW)	613	2	320340 175300
	BGS Measured Urban Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Grid: 320270, 175750 Soil Sample Type: Topsoil Sample Area: Cardiff Arsenic Measured Concentration: 14.40 mg/kg Cadmium Measured Concentration: 0.80 mg/kg Chromium Measured Concentration: 81.30 mg/kg Lead Measured Concentration: 76.40 mg/kg Nickel Measured Concentration: 24.70 mg/kg	A12NW (W)	635	2	320270 175750
	BGS Measured Urban Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Grid: 320750, 174750 Soil Sample Type: Topsoil Sample Area: Cardiff Arsenic Measured Concentration: 17.10 mg/kg Cadmium Measured Concentration: 0.10 mg/kg Chromium Measured Concentration: 78.90 mg/kg Lead Measured Concentration: 47.20 mg/kg Nickel Measured Concentration: 55.90 mg/kg	A8SW (S)	837	2	320750 174750
	BGS Measured Urban Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Grid: 321750, 176250 Soil Sample Type: Topsoil Sample Area: Cardiff Arsenic Measured Concentration: 70.70 mg/kg Cadmium Measured Concentration: 48.60 mg/kg Chromium Measured Concentration: 864.70 mg/kg Lead Measured Concentration: 4959.30 mg/kg Nickel Measured Concentration: 482.10 mg/kg	A19SE (NE)	956	2	321750 176250

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	BGS Urban Soil Chemistry Averages Source: British Geological Survey, National Geoscience Information Service Sample Area: Cardiff Count Id: 506 Arsenic Minimum Concentration: 6.00 mg/kg Arsenic Average Concentration: 18.00 mg/kg Arsenic Maximum Concentration: 149.00 mg/kg Cadmium Minimum Concentration: 0.10 mg/kg Cadmium Average Concentration: 0.90 mg/kg Cadmium Maximum Concentration: 100.60 mg/kg Chromium Minimum Concentration: 28.00 mg/kg Chromium Average Concentration: 86.00 mg/kg Chromium Maximum Concentration: 2933.00 mg/kg Lead Minimum Concentration: 20.00 mg/kg Lead Average Concentration: 190.00 mg/kg Lead Maximum Concentration: 8158.00 mg/kg Nickel Minimum Concentration: 8.00 mg/kg Nickel Average Concentration: 35.00 mg/kg Nickel Maximum Concentration: 482.00 mg/kg	A13SW (E)	0	2	320951 175633
	Coal Mining Affected Areas In an area that might not be affected by coal mining				
	Non Coal Mining Areas of Great Britain No Hazard				
	Potential for Collapsible Ground Stability Hazards Hazard Potential: No Hazard Source: British Geological Survey, National Geoscience Information Service	A13SW (E)	0	2	320951 175633
	Potential for Compressible Ground Stability Hazards Hazard Potential: Very Low Source: British Geological Survey, National Geoscience Information Service	A13SW (E)	0	2	320951 175633
	Potential for Compressible Ground Stability Hazards Hazard Potential: Moderate Source: British Geological Survey, National Geoscience Information Service	A13SW (S)	60	2	320930 175515
	Potential for Ground Dissolution Stability Hazards Hazard Potential: No Hazard Source: British Geological Survey, National Geoscience Information Service	A13SW (E)	0	2	320951 175633
	Potential for Landslide Ground Stability Hazards Hazard Potential: Very Low Source: British Geological Survey, National Geoscience Information Service	A13SW (E)	0	2	320951 175633
	Potential for Landslide Ground Stability Hazards Hazard Potential: Low Source: British Geological Survey, National Geoscience Information Service	A13SW (S)	60	2	320930 175515
	Potential for Landslide Ground Stability Hazards Hazard Potential: Moderate Source: British Geological Survey, National Geoscience Information Service	A13SE (SE)	102	2	321010 175499
	Potential for Landslide Ground Stability Hazards Hazard Potential: Moderate Source: British Geological Survey, National Geoscience Information Service	A13SE (SE)	156	2	321092 175465
	Potential for Landslide Ground Stability Hazards Hazard Potential: Moderate Source: British Geological Survey, National Geoscience Information Service	A13SE (SE)	193	2	321132 175444
	Potential for Running Sand Ground Stability Hazards Hazard Potential: Very Low Source: British Geological Survey, National Geoscience Information Service	A13SW (E)	0	2	320951 175633

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	Potential for Running Sand Ground Stability Hazards Hazard Potential: Moderate Source: British Geological Survey, National Geoscience Information Service	A13SW (S)	60	2	320930 175515
	Potential for Shrinking or Swelling Clay Ground Stability Hazards Hazard Potential: Very Low Source: British Geological Survey, National Geoscience Information Service	A13SW (E)	0	2	320951 175633
	Radon Potential - Radon Affected Areas Affected Area: The property is in a Lower probability radon area (less than 1% of homes are estimated to be at or above the Action Level). Source: British Geological Survey, National Geoscience Information Service	A13SW (E)	0	2	320951 175633
	Radon Potential - Radon Protection Measures Protection Measure: No radon protective measures are necessary in the construction of new dwellings or extensions Source: British Geological Survey, National Geoscience Information Service	A13SW (E)	0	2	320951 175633

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
190	**Contemporary Trade Directory Entries** Name: Celtic Chem-Dry Location: Unit 1, Martin Road, Tremorfa Industrial Estate, Tremorfa, Cardiff, South Glamorgan, CF24 5SD Classification: Carpet, Curtain & Upholstery Cleaners **Status:** **Inactive** Positional Accuracy: Automatically positioned to the address	A13NE (N)	6	-	320960 175707
190	**Contemporary Trade Directory Entries** Name: Cars Cardiff Location: Unit 1, Martin Road, Tremorfa Industrial Estate, Tremorfa, Cardiff, South Glamorgan, CF24 5SD Classification: Car Dealers - Used **Status:** **Inactive** Positional Accuracy: Automatically positioned to the address	A13NE (N)	6	-	320960 175707
190	**Contemporary Trade Directory Entries** Name: Celtic Chem-Dry Location: Unit 1, Martin Road, Tremorfa Industrial Estate, Tremorfa, Cardiff, CF24 5SD Classification: Carpet, Curtain & Upholstery Cleaners **Status:** **Inactive** Positional Accuracy: Automatically positioned to the address	A13NE (N)	6	-	320960 175707
190	**Contemporary Trade Directory Entries** Name: Cardiff Van Centre Location: Unit 1, Martin Road, Tremorfa Industrial Estate, Tremorfa, Cardiff, South Glamorgan, CF24 5SD Classification: Commercial Vehicle Dealers **Status:** **Inactive** Positional Accuracy: Manually positioned to the address or location	A13NE (N)	6	-	320960 175707
190	**Contemporary Trade Directory Entries** Name: E-Pro Automotive Ltd Location: Unit 1, Martin Road, Tremorfa Industrial Estate, Tremorfa, Cardiff, CF24 5SD Classification: Engine Rebuilding & Reconditioning **Status:** **Inactive** Positional Accuracy: Automatically positioned to the address	A13NE (N)	8	-	320969 175704
190	**Contemporary Trade Directory Entries** Name: Mot'S 4 U Location: Unit 1c,Martin Rd,Tremorfa Ind Est, Tremorfa, Cardiff, South Glamorgan, CF24 5SD Classification: Mot Testing Centres **Status:** **Inactive** Positional Accuracy: Manually positioned within the geographical locality	A13NE (N)	18	-	320979 175710
191	**Contemporary Trade Directory Entries** Name: Presco (Uk) Ltd Location: Unit 4, Martin Road, Tremorfa Industrial Estate, Tremorfa, Cardiff, South Glamorgan, CF24 5SD Classification: Catering Equipment **Status:** **Inactive** Positional Accuracy: Automatically positioned to the address	A13NE (N)	41	-	320977 175738
191	**Contemporary Trade Directory Entries** Name: Action Recycling Ltd Location: Unit 6, Martin Road, Tremorfa Industrial Estate, Tremorfa, Cardiff, South Glamorgan, CF24 5SD Classification: Reclaiming - Waste Products **Status:** **Inactive** Positional Accuracy: Automatically positioned to the address	A13NE (N)	66	-	320989 175760
191	**Contemporary Trade Directory Entries** Name: Industrial Training Services Uk Ltd Location: Unit 7, Martin Road, Tremorfa Industrial Estate, Tremorfa, Cardiff, CF24 5SD Classification: Fork Lift Trucks **Status:** **Inactive** Positional Accuracy: Automatically positioned to the address	A13NE (N)	85	-	320998 175776
191	**Contemporary Trade Directory Entries** Name: Cardiff Reclamation Ltd Location: Unit 7, Martin Road, Tremorfa Industrial Estate, Tremorfa, Cardiff, CF24 5SD Classification: Reclamation Centres **Status:** **Active** Positional Accuracy: Automatically positioned to the address	A13NE (N)	85	-	320998 175776
191	**Contemporary Trade Directory Entries** Name: Hayward James Motor Co Ltd Location: Unit 1c,Martin Rd,Tremorfa Ind Est, Tremorfa, Cardiff, South Glamorgan, CF24 5SD Classification: Car Dealers **Status:** **Inactive** Positional Accuracy: Manually positioned within the geographical locality	A13NE (N)	85	-	320998 175776

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
192	**Contemporary Trade Directory Entries** Name: Commercial Motors Location: Martin Rd,Tremorfa Ind Est, Tremorfa, Cardiff, South Glamorgan, CF24 5SD Classification: Commercial Vehicle Dealers **Status: Inactive** Positional Accuracy: Manually positioned within the geographical locality	A13NE (NE)	73	-	321034 175732
192	**Contemporary Trade Directory Entries** Name: The Panel Shop Location: Martin Road, Tremorfa Industrial Estate, Tremorfa, CARDIFF, CF24 5SD Classification: Car Breakers & Dismantlers **Status: Inactive** Positional Accuracy: Automatically positioned to the address	A13NE (NE)	109	-	321095 175703
192	**Contemporary Trade Directory Entries** Name: Marlee Metals & Skip Hire Ltd Location: Unit 17,Off Martin Road, Cardiff, South Glamorgan, CF24 2SD Classification: Scrap Metal Merchants **Status: Inactive** Positional Accuracy: Manually positioned to the road within the address or location	A13NE (NE)	111	-	321080 175721
192	**Contemporary Trade Directory Entries** Name: Bill Way & Co Ltd Location: 16 Martin Rd,Tremorfa Ind Est, Tremorfa, Cardiff, South Glamorgan, CF24 5SD Classification: Car Breakers & Dismantlers **Status: Inactive** Positional Accuracy: Manually positioned to the road within the address or location	A13NE (NE)	112	-	321080 175722
192	**Contemporary Trade Directory Entries** Name: C & B Car Repairs Location: Unit 1d,Martin Rd,Tremorfa Ind Est, Tremorfa, Cardiff, South Glamorgan, CF24 5SD Classification: Garage Services **Status: Inactive** Positional Accuracy: Manually positioned to the road within the address or location	A13NE (NE)	115	-	321082 175728
192	**Contemporary Trade Directory Entries** Name: Body & Soul Autoworks Location: Unit 3, Martin Road, Tremorfa Industrial Estate, Tremorfa, Cardiff, CF24 5SD Classification: Car Body Repairs **Status: Inactive** Positional Accuracy: Automatically positioned to the address	A13NE (NE)	142	-	321101 175753
193	**Contemporary Trade Directory Entries** Name: Ace Tyre Services Location: Martin Road, Tremorfa Industrial Estate, Tremorfa, CARDIFF, CF24 5SD Classification: Tyre Dealers **Status: Inactive** Positional Accuracy: Automatically positioned to the address	A13NE (E)	150	-	321147 175710
193	**Contemporary Trade Directory Entries** Name: Ace Tyre Services Location: Martin Road, Tremorfa Industrial Estate, Tremorfa, Cardiff, South Glamorgan, CF24 5SD Classification: Tyre Dealers **Status: Inactive** Positional Accuracy: Automatically positioned to the address	A13NE (E)	150	-	321147 175710
194	**Contemporary Trade Directory Entries** Name: It Works Location: Martin Rd,Tremorfa Ind Est, Tremorfa, Cardiff, South Glamorgan, CF24 5SD Classification: Computer Recycling & Disposal **Status: Inactive** Positional Accuracy: Manually positioned to the road within the address or location	A13NE (NE)	161	-	321110 175777
194	**Contemporary Trade Directory Entries** Name: 1st Choice Vehicle Dismantlers Location: Unit 12-13, Martin Road, Tremorfa Industrial Estate, Tremorfa, Cardiff, CF24 5SD Classification: Car Breakers & Dismantlers **Status: Active** Positional Accuracy: Automatically positioned to the address	A13NE (NE)	200	-	321149 175788
195	**Contemporary Trade Directory Entries** Name: Cardiff Bay Office Furniture Location: Charnwood Park, Foreshore Road, Cardiff, CF10 4LZ Classification: Office Furniture & Equipment **Status: Inactive** Positional Accuracy: Automatically positioned to the address	A13SW (S)	182	-	320908 175395

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
196	**Contemporary Trade Directory Entries** Name: D M D Mechanical Engineering Ltd Location: Darby Road, Tremorfa Industrial Estate, Tremorfa, Cardiff, CF24 5SB Classification: Mechanical Engineers **Status: Inactive** Positional Accuracy: Automatically positioned to the address	A13NE (NE)	187	-	321095 175835
197	**Contemporary Trade Directory Entries** Name: The Engine Shop Location: 16 Martin Rd,Tremorfa Ind Est, Tremorfa, Cardiff, South Glamorgan, CF24 5SD Classification: Engine Rebuilding & Reconditioning **Status: Inactive** Positional Accuracy: Manually positioned to the road within the address or location	A13NE (NE)	233	-	321148 175846
197	**Contemporary Trade Directory Entries** Name: Diggers Location: Unit 15, Martin Road, Tremorfa Industrial Estate, Tremorfa, Cardiff, CF24 5SD Classification: Car Breakers & Dismantlers **Status: Inactive** Positional Accuracy: Automatically positioned to the address	A13NE (NE)	257	-	321184 175839
197	**Contemporary Trade Directory Entries** Name: National Engine Centre Review Location: Unit 16, Martin Road, Tremorfa Industrial Estate, Tremorfa, Cardiff, CF24 5SD Classification: Engine Rebuilding & Reconditioning **Status: Inactive** Positional Accuracy: Automatically positioned to the address	A13NE (NE)	291	-	321209 175863
197	**Contemporary Trade Directory Entries** Name: Parts (Uk) Location: Unit 16, Martin Road, Tremorfa Industrial Estate, Tremorfa, Cardiff, CF24 5SD Classification: Scrap Yards **Status: Inactive** Positional Accuracy: Automatically positioned to the address	A13NE (NE)	291	-	321209 175863
198	**Contemporary Trade Directory Entries** Name: D4 Print Location: Pacific Business Pk,Pacific Rd, Cardiff, South Glamorgan, CF24 5HJ Classification: Printers **Status: Inactive** Positional Accuracy: Manually positioned within the geographical locality	A13NW (NW)	247	-	320720 175828
199	**Contemporary Trade Directory Entries** Name: Generation Hire & Sale Location: Martin Road, Tremorfa Industrial Estate, Tremorfa, Cardiff, CF24 5SD Classification: Scaffolding & Work Platforms **Status: Inactive** Positional Accuracy: Automatically positioned to the address	A13NE (NE)	262	-	321140 175895
200	**Contemporary Trade Directory Entries** Name: J & J Commercials Ltd Location: Unit N/2, South Point, Clos Marion, Cardiff, CF10 4LQ Classification: Garage Services **Status: Active** Positional Accuracy: Automatically positioned to the address	A13SW (S)	265	-	320882 175310
200	**Contemporary Trade Directory Entries** Name: N C Ceramics Location: Unit M7-M8, South Point, Clos Marion, Cardiff, CF10 4LQ Classification: Ceramic Manufacturers, Supplies & Services **Status: Active** Positional Accuracy: Automatically positioned to the address	A8NW (S)	295	-	320861 175281
201	**Contemporary Trade Directory Entries** Name: A A 1 Location: Unit 15, Martin Road, Tremorfa Industrial Estate, Tremorfa, Cardiff, CF24 5SD Classification: Car Breakers & Dismantlers **Status: Inactive** Positional Accuracy: Automatically positioned to the address	A13NE (NE)	269	-	321205 175829
201	**Contemporary Trade Directory Entries** Name: South Western Print Finishers Location: 16a, Martin Road, Tremorfa Industrial Estate, Tremorfa, Cardiff, CF24 5SD Classification: Print Finishers **Status: Inactive** Positional Accuracy: Automatically positioned to the address	A13NE (NE)	290	-	321241 175815

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
202	**Contemporary Trade Directory Entries** Name: Vanda Coatings Ltd Location: Unit 5a, Charnwood Park, Clos Marion, Cardiff, South Glamorgan, CF10 4LJ Classification: Spraying - Paint & Coatings **Status: Inactive** Positional Accuracy: Automatically positioned to the address	A13SE (S)	270	-	320966 175316
202	**Contemporary Trade Directory Entries** Name: Adseal Location: Charnwood Park, Foreshore Road, Cardiff, South Glamorgan, CF10 4LZ Classification: Adhesives, Glues & Sealants **Status: Inactive** Positional Accuracy: Automatically positioned to the address	A8NW (S)	300	-	320940 175280
203	**Contemporary Trade Directory Entries** Name: B R T Workshop Location: Coaster Pl, Cardiff, South Glamorgan, CF10 4XZ Classification: Garage Services **Status: Active** Positional Accuracy: Manually positioned within the geographical locality	A8NW (SW)	316	-	320771 175281
203	**Contemporary Trade Directory Entries** Name: Dragon Rescue Location: Coaster Pl, Cardiff, South Glamorgan, CF10 4XZ Classification: Commercial Vehicle Breakdown & Recovery Services **Status: Inactive** Positional Accuracy: Manually positioned to the road within the address or location	A8NW (SW)	345	-	320777 175248
204	**Contemporary Trade Directory Entries** Name: Globe Dynamics Ltd Location: Unit P/6, South Point, Clos Marion, Cardiff, CF10 4LQ Classification: Commercial Vehicle Servicing, Repairs, Parts & Accessories **Status: Inactive** Positional Accuracy: Automatically positioned to the address	A8NW (S)	319	-	320910 175258
205	**Contemporary Trade Directory Entries** Name: Fig Fixings Location: Unit H/1, South Point, Foreshore Road, Cardiff, CF10 4SP Classification: Nuts, Bolts & Fixings **Status: Inactive** Positional Accuracy: Automatically positioned to the address	A8NE (S)	335	-	320974 175251
205	**Contemporary Trade Directory Entries** Name: S I G Insulation Location: Unit H1, South Point, Foreshore Road, Cardiff, CF10 4SP Classification: Insulation Materials **Status: Active** Positional Accuracy: Automatically positioned to the address	A8NE (S)	335	-	320974 175251
205	**Contemporary Trade Directory Entries** Name: Sheffield Insulations Location: South Point, Foreshore Road, Cardiff, CF10 4SP Classification: Insulation Materials **Status: Inactive** Positional Accuracy: Automatically positioned to the address	A8NE (S)	335	-	320974 175251
205	**Contemporary Trade Directory Entries** Name: Premier Fixings Location: Unit 6, Charnwood Park, Clos Marion, Cardiff, CF10 4LJ Classification: Nuts, Bolts & Fixings **Status: Inactive** Positional Accuracy: Automatically positioned to the address	A8NE (S)	335	-	320974 175251
206	**Contemporary Trade Directory Entries** Name: Lodgesons Location: Unit M/1, South Point, Clos Marion, Cardiff, CF10 4LQ Classification: Disability Equipment - Manufacturers & Suppliers **Status: Active** Positional Accuracy: Automatically positioned to the address	A8NW (S)	357	-	320845 175221
206	**Contemporary Trade Directory Entries** Name: Lodgesons Location: Unit M/1, South Point, Clos Marion, Cardiff, CF10 4LQ Classification: Disability Equipment - Manufacturers & Suppliers **Status: Inactive** Positional Accuracy: Automatically positioned to the address	A8NW (S)	357	-	320845 175221
206	**Contemporary Trade Directory Entries** Name: Flexitallic Location: Unit 9a Charnwood Park, Clos Marion, Cardiff, South Glamorgan, CF10 4LQ Classification: Sealant Compounds & Applications **Status: Inactive** Positional Accuracy: Manually positioned within the geographical locality	A8NW (S)	358	-	320882 175217

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
206	**Contemporary Trade Directory Entries** Name: Total Building Services Location: Unit 9b South Point,Clos Marion, Cardiff, South Glamorgan, CF10 4LQ Classification: Mechanical Engineers **Status: Inactive** Positional Accuracy: Manually positioned within the geographical locality	A8NW (S)	358	-	320882 175217
206	**Contemporary Trade Directory Entries** Name: Q T S Industrial Supplies Location: Unit K/3, South Point, Clos Marion, Cardiff, CF10 4LQ Classification: Industrial Services **Status: Active** Positional Accuracy: Automatically positioned to the address	A8NW (S)	400	-	320846 175177
207	**Contemporary Trade Directory Entries** Name: Print Partnership Location: Unit 11, Pacific Business Park, Pacific Road, Cardiff, CF24 5HJ Classification: Printers **Status: Active** Positional Accuracy: Automatically positioned to the address	A12NE (NW)	377	-	320620 175915
207	**Contemporary Trade Directory Entries** Name: Print Partnership Location: Unit 11, Pacific Business Park, Pacific Road, Cardiff, CF24 5HJ Classification: Copying & Duplicating Services **Status: Inactive** Positional Accuracy: Automatically positioned to the address	A12NE (NW)	384	-	320602 175899
208	**Contemporary Trade Directory Entries** Name: Speedy Hire Centre Location: Unit 47, Portmanmoor Road Industrial Estate, Cardiff, CF24 5HB Classification: Lifting Equipment **Status: Inactive** Positional Accuracy: Automatically positioned to the address	A12NE (W)	388	-	320515 175712
208	**Contemporary Trade Directory Entries** Name: Speedy Assit Services Location: Unit 47, Portmanmoor Road Industrial Estate, Cardiff, CF24 5HB Classification: Lifting Equipment **Status: Inactive** Positional Accuracy: Automatically positioned to the address	A12NE (W)	388	-	320515 175712
209	**Contemporary Trade Directory Entries** Name: Huntleigh Location: 35, Portmanmoor Road Industrial Estate, Cardiff, CF24 5HN Classification: Medical Equipment Manufacturers **Status: Active** Positional Accuracy: Automatically positioned to the address	A12NE (NW)	413	-	320549 175862
209	**Contemporary Trade Directory Entries** Name: Huntleigh Healthcare Ltd Location: 35, Portmanmoor Road Industrial Estate, Cardiff, CF24 5HN Classification: Medical Equipment Manufacturers **Status: Active** Positional Accuracy: Automatically positioned to the address	A12NE (NW)	413	-	320549 175862
210	**Contemporary Trade Directory Entries** Name: B R T International Location: Dragon House, Coaster Place, Cardiff, CF10 4XZ Classification: Road Haulage Services **Status: Inactive** Positional Accuracy: Automatically positioned to the address	A8NW (SW)	418	-	320745 175183
210	**Contemporary Trade Directory Entries** Name: Dragon Rescue Ltd Location: Dragon House, Coaster Place, Cardiff, CF10 4XZ Classification: Commercial Vehicle Servicing, Repairs, Parts & Accessories **Status: Inactive** Positional Accuracy: Automatically positioned to the address	A8NW (SW)	418	-	320745 175183
210	**Contemporary Trade Directory Entries** Name: Oil 4 Wales Location: Dragon House, Coaster Place, Cardiff, CF10 4XZ Classification: Oil Fuel Distributors **Status: Active** Positional Accuracy: Automatically positioned to the address	A8NW (SW)	418	-	320745 175183
210	**Contemporary Trade Directory Entries** Name: Tyres Cardiff Location: Dragon House, Coaster Place, Cardiff, CF10 4XZ Classification: Tyre Dealers **Status: Active** Positional Accuracy: Automatically positioned to the address	A8NW (SW)	422	-	320745 175178

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
210	**Contemporary Trade Directory Entries** Name: Cardiff Rescue Ltd Location: Dragon House, Coaster Place, Cardiff, CF10 4XZ Classification: Commercial Vehicle Breakdown & Recovery Services **Status: Active** Positional Accuracy: Automatically positioned to the address	A8NW (SW)	422	-	320745 175178
211	**Contemporary Trade Directory Entries** Name: Eclipse Printing Location: Unit 1, Trident Trade Park, Glass Avenue, Cardiff, CF24 5EP Classification: Printers **Status: Inactive** Positional Accuracy: Automatically positioned to the address	A12SE (W)	426	-	320465 175521
211	**Contemporary Trade Directory Entries** Name: Brammer Ltd Location: Unit 2, Trident Trade Park, Glass Avenue, Cardiff, CF24 5EP Classification: Distribution Services **Status: Active** Positional Accuracy: Automatically positioned to the address	A12SE (W)	427	-	320469 175492
212	**Contemporary Trade Directory Entries** Name: C S Heat Pumps Location: Unit F2, South Point, Foreshore Road, Cardiff, CF10 4SP Classification: Heating Equipment - Sales & Service **Status: Inactive** Positional Accuracy: Automatically positioned to the address	A8NW (S)	446	-	320954 175134
213	**Contemporary Trade Directory Entries** Name: Cardiff Bay Wholesale Location: Unit G/3, South Point, Foreshore Road, Cardiff, CF10 4SP Classification: Do It Yourself Wholesalers **Status: Inactive** Positional Accuracy: Automatically positioned to the address	A8NE (S)	494	-	320995 175093
214	**Contemporary Trade Directory Entries** Name: Surefreight Ltd Location: Unit E/2, South Point, Foreshore Road, Cardiff, CF10 4SP Classification: Freight Forwarders **Status: Inactive** Positional Accuracy: Automatically positioned to the address	A8NW (S)	496	-	320914 175080
214	**Contemporary Trade Directory Entries** Name: Alliance & Heatshield Engineering Location: Unit 1a South Point, Foreshore Road, Cardiff, South Glamorgan, CF10 4SP Classification: Gaskets **Status: Active** Positional Accuracy: Manually positioned within the geographical locality	A8NW (S)	519	-	320932 175058
214	**Contemporary Trade Directory Entries** Name: Heat & Combustion Location: Unit E/5, South Point, Foreshore Road, Cardiff, CF10 4SP Classification: Heat Treatment - Metals **Status: Active** Positional Accuracy: Automatically positioned to the address	A8NW (S)	534	-	320945 175044
215	**Contemporary Trade Directory Entries** Name: C T M Europe Ltd Location: Viking Place, CARDIFF, CF10 4TR Classification: Medical Equipment Maintenance & Repairs **Status: Active** Positional Accuracy: Automatically positioned to the address	A8NW (S)	499	-	320780 175088
215	**Contemporary Trade Directory Entries** Name: Cardiff Stevedoring & Cargo Handling Location: Compass Place, Cardiff, CF10 4LA Classification: Cargo Handling Services **Status: Inactive** Positional Accuracy: Automatically positioned to the address	A8NW (S)	499	-	320780 175088
215	**Contemporary Trade Directory Entries** Name: Cardiff Containers Ltd Location: Coldstores Road, Queen Alexandra Dock, Cardiff, CF10 4LL Classification: Road Haulage Services **Status: Active** Positional Accuracy: Automatically positioned to the address	A8NW (S)	499	-	320780 175088
215	**Contemporary Trade Directory Entries** Name: Cardiff Fuel Centre Location: Cargo Road, Docks, Cardiff, CF10 4LY Classification: Gas Suppliers **Status: Active** Positional Accuracy: Automatically positioned to the address	A8NW (S)	499	-	320780 175088

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
216	**Contemporary Trade Directory Entries** Name: Anstee & Ware Ltd Location: Foreshore Road, CARDIFF, CF10 4DF Classification: Mechanical Engineers **Status: Active** Positional Accuracy: Automatically positioned to the address	A8NW (S)	510	-	320833 175068
216	**Contemporary Trade Directory Entries** Name: Gwinnutt Ltd Location: Foreshore Road, Cardiff, CF10 4DF Classification: Electric Motor Sales & Service **Status: Inactive** Positional Accuracy: Automatically positioned to the address	A8NW (S)	510	-	320833 175068
217	**Contemporary Trade Directory Entries** Name: Dynic Location: Unit 7, Trident Trade Park, Glass Avenue, CARDIFF, CF24 5EP Classification: Printers **Status: Active** Positional Accuracy: Automatically positioned to the address	A12SE (W)	532	-	320370 175454
217	**Contemporary Trade Directory Entries** Name: Encon Insulation Location: Unit 4, Trident Trade Park, Glass Avenue, Cardiff, CF24 5EP Classification: Builders' Merchants **Status: Active** Positional Accuracy: Automatically positioned to the address	A12SE (W)	555	-	320352 175428
218	**Contemporary Trade Directory Entries** Name: Bridgeway Freighting Location: Clipper Road, Docks, Cardiff, CF10 4EW Classification: Road Haulage Services **Status: Inactive** Positional Accuracy: Automatically positioned to the address	A7NE (SW)	537	-	320581 175134
218	**Contemporary Trade Directory Entries** Name: Elk Motors Ltd Location: Cardiff Bay Truck Services, Clipper Road, Cardiff, CF10 4EW Classification: Garage Services **Status: Inactive** Positional Accuracy: Automatically positioned to the address	A7NE (SW)	537	-	320581 175134
218	**Contemporary Trade Directory Entries** Name: Cardiff Bay Truck Services Location: Cardiff, CF10 4EW Classification: Commercial Vehicle Servicing, Repairs, Parts & Accessories **Status: Active** Positional Accuracy: Automatically positioned to the address	A7NE (SW)	537	-	320581 175134
218	**Contemporary Trade Directory Entries** Name: A F Pallets Ltd Location: Roath Dock, Cardiff, CF10 4ED Classification: Pallets, Crates & Packing Cases **Status: Active** Positional Accuracy: Automatically positioned to the address	A7NE (SW)	537	-	320581 175134
218	**Contemporary Trade Directory Entries** Name: Hanson Uk Ltd Location: Roath Dock Road Hanson Aggregates, Cardiff, South Glamorgan, CF10 4ED Classification: Sand, Gravel & Other Aggregates **Status: Active** Positional Accuracy: Manually positioned within the geographical locality	A7NE (SW)	538	-	320546 175159
219	**Contemporary Trade Directory Entries** Name: Travis Perkins Location: Brittons Mill,Clippers Road,Roath Dock, Cardiff, South Glamorgan, CF10 4ED Classification: Builders' Merchants **Status: Inactive** Positional Accuracy: Manually positioned to the road within the address or location	A8NW (SW)	540	-	320677 175078
219	**Contemporary Trade Directory Entries** Name: Trailermech Ltd Location: Clipper Rd,Roath Dock, Cardiff, South Glamorgan, CF10 4LX Classification: Commercial Vehicle Servicing, Repairs, Parts & Accessories **Status: Inactive** Positional Accuracy: Manually positioned to the road within the address or location	A8NW (SW)	543	-	320684 175072
220	**Contemporary Trade Directory Entries** Name: Rentokil Pest Control Location: Unit 36, Portmanmoor Road Industrial Estate, Cardiff, CF24 5HB Classification: Pest & Vermin Control **Status: Inactive** Positional Accuracy: Automatically positioned to the address	A12NE (NW)	545	-	320428 175916

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
221	**Contemporary Trade Directory Entries** Name: C P L Petroleum Ltd Location: Cardiff, South Glamorgan, Cf10 4ux Classification: Oil Companies **Status: Active** Positional Accuracy: Manually positioned within the geographical locality	A7NE (SW)	552	-	320522 175161
221	**Contemporary Trade Directory Entries** Name: Tarmac Topmix Ltd Location: Cardiff, CF10 4ED Classification: Concrete & Mortar Ready Mixed **Status: Active** Positional Accuracy: Automatically positioned to the address	A7NE (SW)	586	-	320518 175120
221	**Contemporary Trade Directory Entries** Name: South Wales Sand & Gravel Location: Roath Dock, Cardiff, South Glamorgan, CF10 4ED Classification: Sand, Gravel & Other Aggregates **Status: Inactive** Positional Accuracy: Automatically positioned to the address	A7NE (SW)	586	-	320518 175120
221	**Contemporary Trade Directory Entries** Name: Hanson Aggregates Ltd Location: Roath Dock, Cardiff, South Glamorgan, CF10 4ED Classification: Sand, Gravel & Other Aggregates **Status: Inactive** Positional Accuracy: Automatically positioned to the address	A7NE (SW)	586	-	320518 175120
221	**Contemporary Trade Directory Entries** Name: Hanson Aggregates (South Wales) Ltd Location: Roath Dock, Cardiff, South Glamorgan, CF10 4ED Classification: Sand, Gravel & Other Aggregates **Status: Inactive** Positional Accuracy: Automatically positioned to the address	A7NE (SW)	586	-	320518 175120
221	**Contemporary Trade Directory Entries** Name: Travis Perkins Location: Roath Dock, Cardiff, South Glamorgan, CF10 4ED Classification: Builders' Merchants **Status: Inactive** Positional Accuracy: Automatically positioned to the address	A7NE (SW)	586	-	320518 175120
221	**Contemporary Trade Directory Entries** Name: Caird Environmental Ltd Location: Roath Dock, Cardiff, South Glamorgan, CF10 4LX Classification: Waste Disposal Services **Status: Inactive** Positional Accuracy: Manually positioned within the geographical locality	A7NE (SW)	609	-	320486 175117
222	**Contemporary Trade Directory Entries** Name: M & M Fixings Ltd Location: Unit A/5, South Point, Foreshore Road, Cardiff, CF10 4SP Classification: Nuts, Bolts & Fixings **Status: Active** Positional Accuracy: Automatically positioned to the address	A8NW (S)	591	-	320844 174986
223	**Contemporary Trade Directory Entries** Name: T N S Demolition Ltd Location: Clipper Road, Roath Dock, CARDIFF, CF10 4LX Classification: Scrap Metal Merchants **Status: Inactive** Positional Accuracy: Automatically positioned to the address	A8NW (SW)	604	-	320652 175019
223	**Contemporary Trade Directory Entries** Name: Smiths (Uk) Ltd Location: Clipper Road, Roath Dock, Cardiff, CF10 4LX Classification: Scrap Metal Merchants **Status: Inactive** Positional Accuracy: Automatically positioned to the address	A8NW (SW)	604	-	320652 175019
223	**Contemporary Trade Directory Entries** Name: Smiths Uk Ltd Location: Clipper Road, Roath Dock, Cardiff, CF10 4LX Classification: Scrap Metal Merchants **Status: Inactive** Positional Accuracy: Automatically positioned to the address	A8NW (SW)	604	-	320652 175019
224	**Contemporary Trade Directory Entries** Name: Cardiff Joinery Ltd Location: Unit 46,Portmanmoor Rd Ind Est, Cardiff, South Glamorgan, CF24 5HB Classification: Joinery Manufacturers **Status: Inactive** Positional Accuracy: Manually positioned to the address or location	A17SE (NW)	608	-	320496 176130

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
224	**Contemporary Trade Directory Entries** Name: Capital Trade Finishings Location: Unit 44,Portmanmoor Rd Ind Est, Cardiff, South Glamorgan, CF24 5HB Classification: Print Finishers **Status: Inactive** Positional Accuracy: Manually positioned to the address or location	A17SE (NW)	626	-	320467 176125
224	**Contemporary Trade Directory Entries** Name: Moorland Environmental Ltd Location: Unit 43, Portmanmoor Road Industrial Estate, CARDIFF, CF24 5HB Classification: Waste Disposal Services **Status: Inactive** Positional Accuracy: Automatically positioned to the address	A17SE (NW)	638	-	320451 176125
225	**Contemporary Trade Directory Entries** Name: Cardiff Wire Erosion & Engineering Location: 94, Seawall Road, Cardiff, CF24 5XB Classification: Precision Engineers **Status: Active** Positional Accuracy: Automatically positioned to the address	A18NW (N)	610	-	320933 176323
225	**Contemporary Trade Directory Entries** Name: Harsco Metals Location: Seawall Road, Cardiff, CF24 5TH Classification: Steel Manufacturers **Status: Active** Positional Accuracy: Automatically positioned to the address	A18NW (N)	610	-	320933 176323
225	**Contemporary Trade Directory Entries** Name: Mepco Mouldings Ltd Location: Mepco House, 85, Seawall Road, Cardiff, CF24 5TH Classification: Plastic Products - Manufacturers **Status: Active** Positional Accuracy: Automatically positioned to the address	A18NW (N)	610	-	320933 176323
225	**Contemporary Trade Directory Entries** Name: C & G Accident Repair Location: Mepco House, 85, Seawall Road, Cardiff, CF24 5TH Classification: Car Body Repairs **Status: Inactive** Positional Accuracy: Automatically positioned to the address	A18NW (N)	610	-	320933 176323
225	**Contemporary Trade Directory Entries** Name: R H I Refractories Site Services Ltd Location: Cardiff, CF24 5TH Classification: Refractory Materials & Supplies **Status: Active** Positional Accuracy: Automatically positioned to the address	A18NW (N)	631	-	320954 176343
226	**Contemporary Trade Directory Entries** Name: Cardiff Engineering Location: 83, Seawall Road, Cardiff, CF24 5TH Classification: Engineers - General **Status: Inactive** Positional Accuracy: Automatically positioned to the address	A18NW (N)	619	-	320857 176327
226	**Contemporary Trade Directory Entries** Name: Cardiff Engineering Co Ltd Location: 83, Seawall Road, Cardiff, CF24 5TH Classification: Engineering Services **Status: Inactive** Positional Accuracy: Automatically positioned to the address	A18NW (N)	619	-	320857 176327
226	**Contemporary Trade Directory Entries** Name: Philip Huntley Location: Seawall Road, Cardiff, CF24 5TH Classification: Fire Escapes & Evacuation Equipment **Status: Inactive** Positional Accuracy: Automatically positioned to the address	A18NW (N)	641	-	320859 176348
226	**Contemporary Trade Directory Entries** Name: Miss Lulu Location: 82, Seawall Road, Cardiff, CF24 5TH Classification: Bags, Belts & Accessories - Manufacturers & Suppliers **Status: Active** Positional Accuracy: Automatically positioned to the address	A18NW (N)	648	-	320830 176351
226	**Contemporary Trade Directory Entries** Name: Metalskills Location: 85, Seawall Road, Cardiff, CF24 5TH Classification: Gate Manufacturers **Status: Inactive** Positional Accuracy: Automatically positioned to the address	A18NW (N)	659	-	320866 176368

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
226	**Contemporary Trade Directory Entries** Name: Cj'S Accident Repair Location: 85, Seawall Road, Cardiff, CF24 5TH Classification: Car Body Repairs **Status: Active** Positional Accuracy: Automatically positioned to the address	A18NW (N)	659	-	320866 176368
226	**Contemporary Trade Directory Entries** Name: Car Care Body Shop Location: 85A Seawall Rd, Cardiff, South Glamorgan, CF24 5TH Classification: Car Body Repairs **Status: Inactive** Positional Accuracy: Manually positioned to the road within the address or location	A18NW (N)	668	-	320846 176374
226	**Contemporary Trade Directory Entries** Name: Butler Fuels Location: Seawall Road, Cardiff, CF24 5TH Classification: Oil Fuel Distributors **Status: Active** Positional Accuracy: Automatically positioned to the address	A18NW (N)	670	-	320874 176380
226	**Contemporary Trade Directory Entries** Name: Total Butler Location: Seawall Road, Cardiff, CF24 5TH Classification: Oil Fuel Distributors **Status: Inactive** Positional Accuracy: Automatically positioned to the address	A18NW (N)	671	-	320874 176380
226	**Contemporary Trade Directory Entries** Name: Cardiff Bay Auto Centre Ltd Location: Unit 5 Seawall Road, Cardiff, South Glamorgan, CF24 5TH Classification: Mot Testing Centres **Status: Active** Positional Accuracy: Manually positioned to the road within the address or location	A18NW (N)	700	-	320880 176410
227	**Contemporary Trade Directory Entries** Name: Nrw Ltd Location: Unit 89, Portmanmoor Road Industrial Estate, Cardiff, South Glamorgan, CF24 5HB Classification: Air Conditioning & Refrigeration Contractors **Status: Inactive** Positional Accuracy: Automatically positioned to the address	A12NE (NW)	620	-	320338 175905
227	**Contemporary Trade Directory Entries** Name: Safetyliftingear.Com Location: Unit 88, Portmanmoor Road Industrial Estate, Cardiff, CF24 5HB Classification: Lifting Equipment **Status: Active** Positional Accuracy: Automatically positioned to the address	A12NE (NW)	630	-	320325 175898
227	**Contemporary Trade Directory Entries** Name: Product Development Corporation Location: Unit 88, Portmanmoor Road Industrial Estate, Cardiff, South Glamorgan, CF24 5HA Classification: Distribution Services **Status: Inactive** Positional Accuracy: Automatically positioned to the address	A12NE (NW)	630	-	320325 175898
227	**Contemporary Trade Directory Entries** Name: Airpro Systems Location: Unit 91,Portmanmoor Rd Ind Est, Cardiff, South Glamorgan, CF24 5HB Classification: Air Conditioning & Refrigeration Contractors **Status: Inactive** Positional Accuracy: Manually positioned to the address or location	A12NE (NW)	652	-	320314 175927
227	**Contemporary Trade Directory Entries** Name: Southwales Saab Specialist Ltd Location: 91 Portmanmoor Rd Ind Est, Cardiff, South Glamorgan, CF24 5HB Classification: Garage Services **Status: Inactive** Positional Accuracy: Manually positioned to the address or location	A12NE (NW)	652	-	320314 175927
227	**Contemporary Trade Directory Entries** Name: Bluebay Location: 51 Portmanmoor rd Ind Est, Cardiff, South Glamorgan, CF24 5HB Classification: Builders' Merchants **Status: Active** Positional Accuracy: Manually positioned to the address or location	A12NE (NW)	693	-	320286 175964

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
228	**Contemporary Trade Directory Entries** Name: Air Products Plc Location: Roath Dock, Cardiff, CF10 4UU Classification: Gas Suppliers **Status: Inactive** Positional Accuracy: Automatically positioned to the address	A8SW (S)	624	-	320766 174963
228	**Contemporary Trade Directory Entries** Name: Beechwood Balloons & Helium Location: Viking Place, Roath Dock, Cardiff, South Glamorgan, CF10 4UU Classification: Gas Suppliers **Status: Active** Positional Accuracy: Manually positioned within the geographical locality	A8SW (S)	624	-	320766 174963
229	**Contemporary Trade Directory Entries** Name: Dazzle Cleaning Services Cardiff Ltd Location: Unit 82, Portmanmoor Road Industrial Estate, Cardiff, CF24 5HB Classification: Commercial Cleaning Services **Status: Active** Positional Accuracy: Automatically positioned to the address	A12NE (W)	633	-	320289 175815
229	**Contemporary Trade Directory Entries** Name: Economatics Industrial Ltd Location: Unit 82, Portmanmoor Road Industrial Estate, Cardiff, CF24 5HB Classification: Air Compressors **Status: Inactive** Positional Accuracy: Automatically positioned to the address	A12NE (W)	633	-	320289 175816
229	**Contemporary Trade Directory Entries** Name: Total Worxshop Supplies Ltd Location: Unit 83, Portmanmoor Road Industrial Estate, Cardiff, CF24 5HB Classification: Engineering Materials **Status: Inactive** Positional Accuracy: Automatically positioned to the address	A12NE (W)	641	-	320285 175829
229	**Contemporary Trade Directory Entries** Name: Southwest Reprographic Sales Location: Unit 86, Portmanmoor Road Industrial Estate, Cardiff, CF24 5HB Classification: Printing Equipment Manufacturers **Status: Inactive** Positional Accuracy: Automatically positioned to the address	A12NE (W)	649	-	320290 175866
229	**Contemporary Trade Directory Entries** Name: R G Printing Co Ltd Location: Unit 86, Portmanmoor Road Industrial Estate, Cardiff, CF24 5HB Classification: Printers **Status: Inactive** Positional Accuracy: Automatically positioned to the address	A12NE (W)	649	-	320290 175866
229	**Contemporary Trade Directory Entries** Name: Enerjen Future Fuels Location: Unit 86, Portmanmoor Road Industrial Estate, Cardiff, CF24 5HB Classification: Garage Services **Status: Inactive** Positional Accuracy: Automatically positioned to the address	A12NE (W)	649	-	320290 175866
229	**Contemporary Trade Directory Entries** Name: R S C Spares Location: Unit 86, Portmanmoor Road Industrial Estate, Cardiff, CF24 5HB Classification: Air Conditioning Equipment & Systems **Status: Active** Positional Accuracy: Automatically positioned to the address	A12NE (W)	649	-	320290 175866
229	**Contemporary Trade Directory Entries** Name: Psitronics Ltd Location: Unit 106, Portmanmoor Road Industrial Estate, Cardiff, CF24 5HB Classification: Electrical Engineers **Status: Inactive** Positional Accuracy: Automatically positioned to the address	A12NW (W)	654	-	320273 175834
229	**Contemporary Trade Directory Entries** Name: Product Development Corporation Location: Unit 106, Portmanmoor Road Industrial Estate, Cardiff, South Glamorgan, CF24 5HB Classification: Distribution Services **Status: Inactive** Positional Accuracy: Automatically positioned to the address	A12NW (W)	654	-	320273 175834

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
229	**Contemporary Trade Directory Entries** Name: Product Development Corporation Location: Unit 106, Portmanmoor Road Industrial Estate, Cardiff, South Glamorgan, CF24 5HB Classification: Distribution Services **Status: Inactive** Positional Accuracy: Automatically positioned to the address	A12NW (W)	655	-	320273 175834
229	**Contemporary Trade Directory Entries** Name: Tubrofix Ltd Location: Unit 105, Portmanmoor Road Industrial Estate, Cardiff, CF24 5HB Classification: Builders' Merchants **Status: Inactive** Positional Accuracy: Automatically positioned to the address	A12NW (W)	661	-	320270 175845
229	**Contemporary Trade Directory Entries** Name: A Class Location: Unit 105, Portmanmoor Road Industrial Estate, Cardiff, CF24 5HB Classification: Mot Testing Centres **Status: Inactive** Positional Accuracy: Automatically positioned to the address	A12NW (W)	661	-	320270 175845
229	**Contemporary Trade Directory Entries** Name: Simple Gas Motor Co Location: Unit 105, Portmanmoor Road Industrial Estate, Cardiff, CF24 5HB Classification: Garage Services **Status: Active** Positional Accuracy: Automatically positioned to the address	A12NW (W)	662	-	320269 175844
229	**Contemporary Trade Directory Entries** Name: G I A Office Furniture Location: Unit 104, Portmanmoor Road Industrial Estate, Cardiff, South Glamorgan, CF24 5HB Classification: Office Furniture & Equipment **Status: Inactive** Positional Accuracy: Automatically positioned to the address	A12NW (W)	664	-	320271 175857
229	**Contemporary Trade Directory Entries** Name: Eclipse Optical Laboratory Location: Unit 93, Portmanmoor Road Industrial Estate, Cardiff, South Glamorgan, CF24 5HB Classification: Optical Goods - Manufacturers **Status: Inactive** Positional Accuracy: Automatically positioned to the address	A12NW (W)	685	-	320238 175824
230	**Contemporary Trade Directory Entries** Name: Applied Products Location: Unit K5,South Point,Foreshore Rd, Cardiff, South Glamorgan, CF10 4SP Classification: Window Tinting **Status: Inactive** Positional Accuracy: Manually positioned within the geographical locality	A8SW (S)	640	-	320922 174936
230	**Contemporary Trade Directory Entries** Name: Ocean Business Supplies Ltd Location: Unit C/4, South Point, Foreshore Road, Cardiff, CF10 4SP Classification: Cleaning Materials & Equipment **Status: Active** Positional Accuracy: Automatically positioned to the address	A8SW (S)	660	-	320901 174915
231	**Contemporary Trade Directory Entries** Name: Autocare Repairs Ltd Location: Unit B/6, South Point, Foreshore Road, Cardiff, CF10 4SP Classification: Garage Services **Status: Inactive** Positional Accuracy: Automatically positioned to the address	A8SE (S)	641	-	320961 174939
231	**Contemporary Trade Directory Entries** Name: William Jones Packaging Ltd Location: Unit B/5, South Point, Foreshore Road, Cardiff, CF10 4SP Classification: Packaging Materials Manufacturers & Suppliers **Status: Active** Positional Accuracy: Automatically positioned to the address	A8SE (S)	641	-	320961 174939
231	**Contemporary Trade Directory Entries** Name: Spectrum Printing Location: Unit B/3, South Point, Foreshore Road, CARDIFF, CF10 4SP Classification: Printers **Status: Active** Positional Accuracy: Automatically positioned to the address	A8SE (S)	641	-	320961 174939

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
232	**Contemporary Trade Directory Entries** Name: Glamorgan White Lining Location: Seawall Road, Cardiff, CF24 5TH Classification: Road Marking & Surfacing Equipment & Material Manufacturers **Status: Active** Positional Accuracy: Automatically positioned to the address	A18NW (N)	668	-	320758 176356
233	**Contemporary Trade Directory Entries** Name: The Westdale Press Location: Unit 70, Portmanmoor Road Industrial Estate, CARDIFF, CF24 5HB Classification: Printers **Status: Active** Positional Accuracy: Automatically positioned to the address	A12NW (W)	681	-	320222 175742
234	**Contemporary Trade Directory Entries** Name: Cheap Print House Ltd Location: Cheap Print House Ltd Unit 101, Portmanmoor Road Industrial Estate, Portmanmoor Road, Cardiff, CF24 5HB Classification: Printers **Status: Inactive** Positional Accuracy: Automatically positioned to the address	A12NW (W)	693	-	320261 175911
234	**Contemporary Trade Directory Entries** Name: Drive Safe Car Phone Installation Location: Unit 101,Portmanmoor Rd Ind Est, Cardiff, South Glamorgan, CF24 5HB Classification: Car Kit Assemblers **Status: Inactive** Positional Accuracy: Manually positioned to the address or location	A12NW (W)	694	-	320260 175911
234	**Contemporary Trade Directory Entries** Name: Waregrain Group Location: Unit 100, Portmanmoor Road Industrial Estate, Cardiff, CF24 5HB Classification: Paint Spraying Equipment & Accessories **Status: Active** Positional Accuracy: Automatically positioned to the address	A12NW (W)	704	-	320247 175906
234	**Contemporary Trade Directory Entries** Name: D M C Accident & Custom Bodyshop Location: Unit 99, Portmanmoor Road Industrial Estate, Cardiff, CF24 5HB Classification: Car Body Repairs **Status: Inactive** Positional Accuracy: Automatically positioned to the address	A12NW (W)	716	-	320230 175897
234	**Contemporary Trade Directory Entries** Name: City Electro Diesel Location: Unit 98, Portmanmoor Road Industrial Estate, Cardiff, CF24 5HB Classification: Garage Services **Status: Inactive** Positional Accuracy: Automatically positioned to the address	A12NW (W)	716	-	320226 175885
235	**Contemporary Trade Directory Entries** Name: Ace Refrigeration Location: Unit 94, Portmanmoor Road Industrial Estate, Cardiff, CF24 5HB Classification: Air Conditioning & Refrigeration Contractors **Status: Inactive** Positional Accuracy: Automatically positioned to the address	A12NW (W)	693	-	320233 175836
235	**Contemporary Trade Directory Entries** Name: Acis Location: Unit 95-96, Portmanmoor Road Industrial Estate, Cardiff, CF24 5HB Classification: Bus & Coach Operators & Stations **Status: Active** Positional Accuracy: Automatically positioned to the address	A12NW (W)	705	-	320226 175852
235	**Contemporary Trade Directory Entries** Name: Lpg Vision (Uk) Ltd Location: Unit 95-97,Portmanmoor Rd Ind Est, Ocean Way, Cardiff, South Glamorgan, CF24 5HB Classification: Autogas Suppliers & Installers **Status: Inactive** Positional Accuracy: Manually positioned to the address or location	A12NW (W)	706	-	320225 175852
235	**Contemporary Trade Directory Entries** Name: Deere Print Finishing Location: Unit 71, Portmanmoor Road Industrial Estate, Cardiff, CF24 5HB Classification: Print Finishers **Status: Inactive** Positional Accuracy: Automatically positioned to the address	A12NW (W)	740	-	320183 175834

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
236	**Contemporary Trade Directory Entries** Name: Nipon Electric Glass (Uk) Ltd Location: Glass Avenue, Cardiff, CF24 5EN Classification: Glass Products - Manufacturers **Status: Inactive** Positional Accuracy: Automatically positioned to the address	A12SW (W)	710	-	320180 175524
237	**Contemporary Trade Directory Entries** Name: Torque Motors Ltd Location: Seawall Road, Cardiff, CF24 5TH Classification: Garage Services **Status: Active** Positional Accuracy: Automatically positioned to the address	A18NW (N)	720	-	320767 176412
237	**Contemporary Trade Directory Entries** Name: Carrington Wire Location: Seawall Road, Cardiff, CF24 5TH Classification: Wire Products - Manufacturers **Status: Inactive** Positional Accuracy: Automatically positioned to the address	A18NW (N)	728	-	320759 176418
237	**Contemporary Trade Directory Entries** Name: Conway Tolhurst Ltd Location: Seawall Road, Cardiff, CF24 5XE Classification: Sheet Metal Work **Status: Inactive** Positional Accuracy: Automatically positioned to the address	A18NW (N)	746	-	320777 176441
237	**Contemporary Trade Directory Entries** Name: B S P Sales Centre Location: Unit 5, Seawall Court, Seawall Road, CARDIFF, CF24 5PQ Classification: Pneumatic Systems & Equipment **Status: Active** Positional Accuracy: Automatically positioned to the address	A18NW (N)	747	-	320779 176442
238	**Contemporary Trade Directory Entries** Name: King David Tyres Ltd Location: Seawall Rd, Cardiff, South Glamorgan, CF24 5TH Classification: Tyre Dealers **Status: Inactive** Positional Accuracy: Manually positioned to the road within the address or location	A18NW (N)	726	-	320914 176438
238	**Contemporary Trade Directory Entries** Name: Knight Fire & Security Products Ltd Location: 84, Seawall Road, Cardiff, CF24 5TH Classification: Plastics - Injection Moulding **Status: Inactive** Positional Accuracy: Automatically positioned to the address	A18NW (N)	731	-	320925 176444
238	**Contemporary Trade Directory Entries** Name: J & H Supplies Location: unit 2b Seawall Rd, Cardiff, South Glamorgan, CF24 5TH Classification: Fireplaces & Mantelpieces **Status: Inactive** Positional Accuracy: Manually positioned to the road within the address or location	A18NW (N)	735	-	320928 176448
238	**Contemporary Trade Directory Entries** Name: Gremer Chemicals Uk Ltd Location: Seawall Road, Cardiff, CF24 5TH Classification: Cleaning Materials & Equipment **Status: Active** Positional Accuracy: Automatically positioned to the address	A18NW (N)	757	-	320916 176469
239	**Contemporary Trade Directory Entries** Name: 21st Network Ltd Location: Unit D1, South Point, Foreshore Road, Cardiff, CF10 4SP Classification: Pallets, Crates & Packing Cases **Status: Inactive** Positional Accuracy: Automatically positioned to the address	A8SE (S)	730	-	320961 174849
239	**Contemporary Trade Directory Entries** Name: Geosped Location: Unit D1,South Point,Foreshore Rd, Cardiff, South Glamorgan, CF10 4SP Classification: Freight Forwarders **Status: Inactive** Positional Accuracy: Manually positioned to the address or location	A8SW (S)	731	-	320959 174848
239	**Contemporary Trade Directory Entries** Name: Sure Freight Ltd Location: Unit D2, South Point, Foreshore Road, Cardiff, South Glamorgan, CF10 4SP Classification: Road Haulage Services **Status: Inactive** Positional Accuracy: Automatically positioned to the address	A8SE (S)	738	-	320977 174843

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
239	**Contemporary Trade Directory Entries** Name: A M E Location: South Point, Foreshore Road, Cardiff, CF10 4SP Classification: Engineers - General **Status: Active** Positional Accuracy: Automatically positioned to the address	A8SE (S)	739	-	320976 174842
239	**Contemporary Trade Directory Entries** Name: B B M Control Systems Ltd Location: Unit P3, South Point, Foreshore Road, Cardiff, CF10 4SP Classification: Control Panels **Status: Active** Positional Accuracy: Automatically positioned to the address	A8SE (S)	739	-	320976 174842
239	**Contemporary Trade Directory Entries** Name: S I G Construction Accessories Location: Southpoint,Foreshore Road, Cardiff, South Glamorgan, CF10 4SP Classification: Builders' Merchants **Status: Active** Positional Accuracy: Automatically positioned to the address	A8SE (S)	739	-	320976 174842
239	**Contemporary Trade Directory Entries** Name: Alexander Bullock Ltd Location: Unit C5 South Point,Foreshore Road, Cardiff, South Glamorgan, CF10 4SP Classification: Kitchen Furniture Manufacturers **Status: Active** Positional Accuracy: Automatically positioned to the address	A8SE (S)	739	-	320976 174842
239	**Contemporary Trade Directory Entries** Name: Applied Products Location: Unit 5,South Point,Foreshore Rd, Cardiff, South Glamorgan, CF10 4SP Classification: Window Film Manufacturers and Dealers **Status: Inactive** Positional Accuracy: Automatically positioned to the address	A8SE (S)	739	-	320976 174842
239	**Contemporary Trade Directory Entries** Name: Visible Art Location: Unit E4, South Point, Foreshore Road, Cardiff, CF10 4SP Classification: Screen Process Printers **Status: Active** Positional Accuracy: Automatically positioned to the address	A8SE (S)	739	-	320976 174842
240	**Contemporary Trade Directory Entries** Name: Alar Engineering Location: Unit 32, Portmanmoor Road Industrial Estate, CARDIFF, CF24 5HB Classification: Sheet Metal Work **Status: Active** Positional Accuracy: Automatically positioned to the address	A17SE (NW)	732	-	320313 176093
240	**Contemporary Trade Directory Entries** Name: Gremer Chemicals Location: Unit 32-34, Portmanmoor Road Industrial Estate, Cardiff, South Glamorgan, CF24 5HB Classification: Cleaning Materials & Equipment **Status: Inactive** Positional Accuracy: Manually positioned to the address or location	A17SE (NW)	732	-	320313 176093
241	**Contemporary Trade Directory Entries** Name: Logistical Carriers Location: Roath Dock, Cardiff, South Glamorgan, CF10 4ED Classification: Road Haulage Services **Status: Inactive** Positional Accuracy: Manually positioned within the geographical locality	A7NW (SW)	735	-	320276 175168
241	**Contemporary Trade Directory Entries** Name: European Metals Recycling Ltd Location: Roath Dock, Cardiff, CF10 4ED Classification: Scrap Metal Merchants **Status: Active** Positional Accuracy: Automatically positioned to the address	A7NW (SW)	757	-	320271 175137
241	**Contemporary Trade Directory Entries** Name: Breedon Aggregates Location: Roath Dock Road, Cardiff, South Glamorgan, CF10 4ED Classification: Sand, Gravel & Other Aggregates **Status: Active** Positional Accuracy: Manually positioned to the address or location	A7NW (SW)	758	-	320270 175136

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
242	**Contemporary Trade Directory Entries** Name: Tarmac C R H Location: Viking Place, Cardiff, South Glamorgan, CF10 4TR Classification: Builders' Merchants **Status: Active** Positional Accuracy: Manually positioned within the geographical locality	A8SW (S)	736	-	320751 174852
243	**Contemporary Trade Directory Entries** Name: Sealmasters Location: Unit 2, Seawall Road, Cardiff, CF24 5TH Classification: Seal & Joint Manufacturers **Status: Active** Positional Accuracy: Automatically positioned to the address	A18NE (N)	740	-	320966 176452
243	**Contemporary Trade Directory Entries** Name: B S P Pneumatic Centre Location: 5, Seawall Road, Cardiff, South Glamorgan, CF24 5TH Classification: Hydraulic Equipment & Accessories - Sales & Service **Status: Inactive** Positional Accuracy: Manually positioned to the address or location	A18NE (N)	740	-	320966 176452
243	**Contemporary Trade Directory Entries** Name: Parfitt Tyres Ltd Location: 5, Seawall Road, CARDIFF, CF24 5TH Classification: Tyre Dealers **Status: Active** Positional Accuracy: Automatically positioned to the address	A18NE (N)	740	-	320966 176452
243	**Contemporary Trade Directory Entries** Name: Seawall M O T Ltd Location: Unit 2, Seawall Road, Cardiff, CF24 5TH Classification: Car Body Repairs **Status: Active** Positional Accuracy: Automatically positioned to the address	A18NE (N)	740	-	320966 176452
243	**Contemporary Trade Directory Entries** Name: Garwill Engineering Ltd Location: Unit 5, Seawall Road, Cardiff, South Glamorgan, CF24 5TH Classification: Precision Engineers **Status: Inactive** Positional Accuracy: Automatically positioned to the address	A18NE (N)	740	-	320966 176452
243	**Contemporary Trade Directory Entries** Name: A & L Precision Engineering Ltd Location: Unit 5 Hunters Industrial Estate, Cardiff, South Glamorgan, CF24 5TH Classification: Precision Engineers **Status: Active** Positional Accuracy: Automatically positioned to the address	A18NE (N)	755	-	321009 176464
243	**Contemporary Trade Directory Entries** Name: J J Motors Cardiff Location: Unit 3, Seawall Road, Cardiff, CF24 5TH Classification: Garage Services **Status: Active** Positional Accuracy: Automatically positioned to the address	A18NE (N)	767	-	321000 176477
244	**Contemporary Trade Directory Entries** Name: S W S S Location: Unit 2, Lewis Court, 50, Portmanmoor Road Industrial Estate, CARDIFF, CF24 5HQ Classification: Car Dealers **Status: Inactive** Positional Accuracy: Automatically positioned to the address	A17SW (NW)	752	-	320236 175997
244	**Contemporary Trade Directory Entries** Name: Print Express Location: Portmanmoor Road Industrial Estate, Cardiff, CF24 5HB Classification: Printers **Status: Inactive** Positional Accuracy: Automatically positioned to the address	A17SW (NW)	752	-	320236 175997
244	**Contemporary Trade Directory Entries** Name: Print Express Location: Portmanmoor Road Industrial Estate, Cardiff, CF24 5HB Classification: Printers **Status: Inactive** Positional Accuracy: Automatically positioned to the address	A17SW (NW)	752	-	320236 175997

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
244	**Contemporary Trade Directory Entries** Name: Premier Upholstery Ltd Location: Portmanmoor Road Industrial Estate, Cardiff, CF24 5HB Classification: Upholstery Manufacturers **Status: Inactive** Positional Accuracy: Automatically positioned to the address	A17SW (NW)	752	-	320236 175997
244	**Contemporary Trade Directory Entries** Name: Spotnails Ltd Location: Portmanmoor Road Industrial Estate, Cardiff, CF24 5HB Classification: Fasteners & Fixing Devices **Status: Inactive** Positional Accuracy: Automatically positioned to the address	A17SW (NW)	752	-	320236 175997
244	**Contemporary Trade Directory Entries** Name: Jay Fasteners Location: Portmanmoor Road Industrial Estate, Cardiff, CF24 5HB Classification: Fasteners & Fixing Devices **Status: Inactive** Positional Accuracy: Automatically positioned to the address	A17SW (NW)	752	-	320236 175997
244	**Contemporary Trade Directory Entries** Name: Autocare Tyre Centre Location: Unit 50, Portmanmoor Road Industrial Estate, Cardiff, CF24 5HB Classification: Tyre Dealers **Status: Inactive** Positional Accuracy: Automatically positioned to the address	A17SW (NW)	752	-	320236 175997
245	**Contemporary Trade Directory Entries** Name: Tarmac Building Products Ltd Location: Viking Place, Cardiff, CF10 4TR Classification: Floorcoverings - Manufacturers & Wholesalers **Status: Inactive** Positional Accuracy: Automatically positioned to the address	A8SW (S)	763	-	320679 174841
245	**Contemporary Trade Directory Entries** Name: Tarmac Building Products Ltd Location: Viking Place, Cardiff, CF10 4TR Classification: Builders' Merchants **Status: Active** Positional Accuracy: Automatically positioned to the address	A8SW (S)	763	-	320679 174841
245	**Contemporary Trade Directory Entries** Name: Tarmac Building Products Ltd Location: Viking Place, Cardiff, CF10 4TR Classification: Concrete & Mortar Ready Mixed **Status: Inactive** Positional Accuracy: Automatically positioned to the address	A8SW (S)	763	-	320679 174841
246	**Contemporary Trade Directory Entries** Name: Tankfreight Ltd Location: CARE OF GULF OIL,ROATH DOCK,ROVER WAY, Cardiff, South Glamorgan, CF10 4US Classification: Oil Fuel Distributors **Status: Inactive** Positional Accuracy: Manually positioned to the road within the address or location	A7SE (SW)	764	-	320584 174874
246	**Contemporary Trade Directory Entries** Name: Emo Oil Ltd Location: Rover Way, Cardiff, South Glamorgan, CF10 4US Classification: Oil Fuel Distributors **Status: Inactive** Positional Accuracy: Manually positioned to the road within the address or location	A7SE (SW)	802	-	320554 174846
246	**Contemporary Trade Directory Entries** Name: Texaco Location: Rover Way, Cardiff, South Glamorgan, CF10 4US Classification: Oil Companies **Status: Inactive** Positional Accuracy: Manually positioned to the road within the address or location	A7SE (SW)	805	-	320552 174843
247	**Contemporary Trade Directory Entries** Name: Windowbuild Location: 55-56, Lewis Road, Cardiff, CF24 5EB Classification: Window Frame Manufacturers **Status: Active** Positional Accuracy: Automatically positioned to the address	A12NW (W)	769	-	320180 175912

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
248	**Contemporary Trade Directory Entries** Name: Uk Waste Management Ltd Location: Nationwide Works, Viking Place, Cardiff, CF10 4TS Classification: Waste Disposal Services **Status: Inactive** Positional Accuracy: Automatically positioned to the address	A8SW (S)	773	-	320786 174810
249	**Contemporary Trade Directory Entries** Name: C C F Location: Trident Industrial Park, Glass Avenue, Cardiff, CF24 5EN Classification: Builders' Merchants **Status: Active** Positional Accuracy: Automatically positioned to the address	A12SW (W)	775	-	320117 175486
250	**Contemporary Trade Directory Entries** Name: Seaport Environmental Location: Clipper Road, Roath Dock, Cardiff, CF10 4LX Classification: Waste Disposal Services **Status: Inactive** Positional Accuracy: Automatically positioned to the address	A7SE (SW)	775	-	320449 174937
251	**Contemporary Trade Directory Entries** Name: Compass Location: Trident Ind Park,5b Glass Av, Cardiff, South Glamorgan, CF24 5EN Classification: Freight Forwarders **Status: Inactive** Positional Accuracy: Manually positioned within the geographical locality	A12SW (W)	789	-	320099 175565
252	**Contemporary Trade Directory Entries** Name: Mastercare Ltd Location: Unit 54, Portmanmoor Road Industrial Estate, Cardiff, CF24 5HB Classification: Electrical Appliance Repairs **Status: Inactive** Positional Accuracy: Automatically positioned to the address	A17SW (NW)	814	-	320161 175984
253	**Contemporary Trade Directory Entries** Name: Princes Location: Unit 72, Portmanmoor Road Industrial Estate, Cardiff, CF24 5HB Classification: Soft Drinks - Manufacturers **Status: Active** Positional Accuracy: Automatically positioned to the address	A12NW (W)	836	-	320079 175814
254	**Contemporary Trade Directory Entries** Name: Bespoke Wheels Location: 24, Hinton Street, Cardiff, CF24 2EU Classification: Cycle Accessories, Manufacturers & Wholesalers **Status: Inactive** Positional Accuracy: Automatically positioned to the address	A17NE (NW)	840	-	320488 176422
255	**Contemporary Trade Directory Entries** Name: Owen Fuels Location: Rover Way, Cardiff, South Glamorgan, CF10 4US Classification: Oil Fuel Distributors **Status: Inactive** Positional Accuracy: Automatically positioned to the address	A8SW (S)	840	-	320695 174758
255	**Contemporary Trade Directory Entries** Name: Emo Oil Location: Valero Energy,Rover Way, Cardiff, South Glamorgan, CF10 4US Classification: Oil Fuel Distributors **Status: Active** Positional Accuracy: Manually positioned within the geographical locality	A8SW (S)	840	-	320695 174758
255	**Contemporary Trade Directory Entries** Name: Valero Location: Rover Way, Cardiff, CF10 4US Classification: Fuel Dealers **Status: Active** Positional Accuracy: Automatically positioned to the address	A8SW (S)	858	-	320732 174732
256	**Contemporary Trade Directory Entries** Name: Classic Restoration Location: 100, Willows Avenue, Cardiff, CF24 2SU Classification: Furniture - Repairing & Restoring **Status: Inactive** Positional Accuracy: Automatically positioned to the address	A18NE (N)	856	-	321059 176561
256	**Contemporary Trade Directory Entries** Name: 1st Choice Location: 100, Willows Avenue, Cardiff, CF24 2SU Classification: Door Manufacturers - Industrial **Status: Inactive** Positional Accuracy: Automatically positioned to the address	A18NE (N)	856	-	321059 176561

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
257	**Contemporary Trade Directory Entries** Name: Keyline Builders Merchants Location: Lewis Road, Cardiff, CF24 5ER Classification: Builders' Merchants **Status: Active** Positional Accuracy: Automatically positioned to the address	A17SW (NW)	860	-	320131 176027
258	**Contemporary Trade Directory Entries** Name: Comptech Industrial Services Location: 15 Splott Indust Est,Portmanmoor Rd, Cardiff, South Glamorgan, CF24 5FF Classification: Electrical Engineers **Status: Inactive** Positional Accuracy: Manually positioned to the address or location	A17SW (NW)	883	-	320206 176206
259	**Contemporary Trade Directory Entries** Name: Sims Metal Management Location: Rover Way, Cardiff, CF24 2RX Classification: Scrap Metal Merchants **Status: Active** Positional Accuracy: Automatically positioned to the address	A19NW (NE)	889	-	321601 176323
259	**Contemporary Trade Directory Entries** Name: Sims Metal Management Location: Rover Way, Cardiff, CF24 2RX Classification: Scrap Metal Merchants **Status: Inactive** Positional Accuracy: Automatically positioned to the address	A19NW (NE)	889	-	321601 176323
260	**Contemporary Trade Directory Entries** Name: Marquette Metal Recycling Ltd Location: Unit 2, Guest Road, CARDIFF, CF24 5JS Classification: Scrap Metal Merchants **Status: Active** Positional Accuracy: Automatically positioned to the address	A12NW (W)	913	-	319990 175764
260	**Contemporary Trade Directory Entries** Name: Colourcraft (Western) Ltd Location: Unit 2, Guest Road, Cardiff, CF24 5JS Classification: Printers **Status: Inactive** Positional Accuracy: Automatically positioned to the address	A12NW (W)	913	-	319990 175764
260	**Contemporary Trade Directory Entries** Name: Carfix Ltd Location: Unit 3, Guest Road, Cardiff, South Glamorgan, CF24 5JS Classification: Car Customisation & Conversion Specialists **Status: Inactive** Positional Accuracy: Automatically positioned to the address	A12NW (W)	922	-	319984 175781
260	**Contemporary Trade Directory Entries** Name: M O T Cardiff Location: Unit 4, Guest Road, Cardiff, CF24 5JS Classification: Garage Services **Status: Active** Positional Accuracy: Automatically positioned to the address	A12NW (W)	931	-	319977 175794
261	**Contemporary Trade Directory Entries** Name: Applied Automation Location: Neptune Point, Unit 1, Vanguard Way, Cardiff, CF24 5PG Classification: Automation Systems & Equipment **Status: Active** Positional Accuracy: Automatically positioned to the address	A12SW (W)	925	-	319964 175520
262	**Contemporary Trade Directory Entries** Name: Mdt Electrical Location: Unit 12, Splott Industrial Estate, Portmanmoor Road, Cardiff, South Glamorgan, CF24 5FF Classification: Electrical Engineers **Status: Inactive** Positional Accuracy: Automatically positioned to the address	A17SW (NW)	928	-	320182 176251
262	**Contemporary Trade Directory Entries** Name: Stephen Kearney Location: Unit 8, Splott Industrial Estate, Portmanmoor Road, Cardiff, CF24 5FF Classification: Precision Engineers **Status: Inactive** Positional Accuracy: Automatically positioned to the address	A17SW (NW)	948	-	320173 176273

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
262	**Contemporary Trade Directory Entries** Name: Tints R Us Automotive Express Location: 8, Portmanmoor Road Lane, Cardiff, CF24 5EQ Classification: Window Tinting **Status: Inactive** Positional Accuracy: Automatically positioned to the address	A17SW (NW)	965	-	320139 176253
262	**Contemporary Trade Directory Entries** Name: Direct Contact Location: 7, Portmanmoor Road Lane, Cardiff, CF24 5EQ Classification: Manufacturers **Status: Inactive** Positional Accuracy: Automatically positioned to the address	A17SW (NW)	977	-	320132 176265
262	**Contemporary Trade Directory Entries** Name: S V Motor Services Location: 7-8, Portmanmoor Road Lane, CARDIFF, CF24 5EQ Classification: Mot Testing Centres **Status: Active** Positional Accuracy: Automatically positioned to the address	A17SW (NW)	977	-	320132 176265
262	**Contemporary Trade Directory Entries** Name: M & S Metals Location: PORTMANMOOR RD, Cardiff, South Glamorgan, CF24 5FF Classification: Non-Ferrous Metals **Status: Inactive** Positional Accuracy: Manually positioned to the road within the address or location	A17SW (NW)	984	-	320147 176298
263	**Contemporary Trade Directory Entries** Name: Moore'S Commercials Location: 6, Seaview Units, Lewis Road, Cardiff, CF24 5EB Classification: Commercial Vehicle Servicing, Repairs, Parts & Accessories **Status: Active** Positional Accuracy: Automatically positioned to the address	A17SW (NW)	949	-	320086 176133
263	**Contemporary Trade Directory Entries** Name: J & S Enviromental Services Location: Seaview Buildings, Lewis Road, Cardiff, South Glamorgan, CF24 5EB Classification: Waste Disposal Services **Status: Inactive** Positional Accuracy: Manually positioned to the address or location	A17SW (NW)	964	-	320046 176090
263	**Contemporary Trade Directory Entries** Name: Masons Auto Repairs Ltd Location: 2-3 Seaview Units, Lewis Road, Cardiff, CF24 5EB Classification: Mot Testing Centres **Status: Active** Positional Accuracy: Automatically positioned to the address	A17SW (NW)	966	-	320057 176116
263	**Contemporary Trade Directory Entries** Name: Hartley'S Printing Co Location: 2, Seaview Units, Lewis Road, Cardiff, CF24 5EB Classification: Printers **Status: Inactive** Positional Accuracy: Automatically positioned to the address	A17SW (NW)	977	-	320047 176118
263	**Contemporary Trade Directory Entries** Name: Masons M O T & Service Centre Location: 2-3, Seaview Units, Lewis Road, Cardiff, CF24 5EB Classification: Mot Testing Centres **Status: Inactive** Positional Accuracy: Automatically positioned to the address	A17SW (NW)	977	-	320047 176118
263	**Contemporary Trade Directory Entries** Name: Welsh Mountain Springs Location: 1, Seaview Units, Lewis Road, Cardiff, CF24 5EB Classification: Water Coolers **Status: Inactive** Positional Accuracy: Automatically positioned to the address	A17SW (NW)	984	-	320036 176114
264	**Contemporary Trade Directory Entries** Name: Longlife Exhausts Location: Unit 7,Denvale Trade Pk,Galdames Pl, Cardiff, South Glamorgan, CF24 5PF Classification: Exhaust & Shock Absorber Centres **Status: Inactive** Positional Accuracy: Manually positioned to the address or location	A11NE (W)	959	-	319936 175714
264	**Contemporary Trade Directory Entries** Name: Longlife Exhausts Location: Unit 7,Denvale Trade Pk,Galdames Pl, Cardiff, South Glamorgan, CF24 5PF Classification: Exhaust System Manufacturers & Wholesalers **Status: Inactive** Positional Accuracy: Manually positioned to the address or location	A11NE (W)	959	-	319936 175714

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
265	**Contemporary Trade Directory Entries** Name: D D Windows Location: 24, Mercia Road, Cardiff, CF24 2TF Classification: PVC-U Products - Manufacturers & Suppliers **Status: Inactive** Positional Accuracy: Automatically positioned to the address	A23SE (N)	970	-	320998 176681
266	**Contemporary Trade Directory Entries** Name: Lewis Site Services Location: Units M321 & M322 Cardiff Workshops, Cardiff, South Glamorgan, CF24 5EJ Classification: Engineers - General **Status: Inactive** Positional Accuracy: Manually positioned within the geographical locality	A12NW (W)	981	-	319948 175887
266	**Contemporary Trade Directory Entries** Name: Creative Packaging (South Wales) Ltd Location: Unit N2, Cardiff Bay Business Centre, Titan Road, Cardiff, South Glamorgan, CF24 5EL Classification: Boxes & Cartons **Status: Inactive** Positional Accuracy: Automatically positioned to the address	A12NW (W)	990	-	319958 175951
266	**Contemporary Trade Directory Entries** Name: Cps Diesels (Sales) Ltd Location: Pack-it House,Cardiff Bay Business Centre,Louis Rd, Cardiff, South Glamorgan, CF24 5EL Classification: Engines - Sales & Service **Status: Inactive** Positional Accuracy: Manually positioned to the address or location	A12NW (W)	990	-	319958 175950
266	**Contemporary Trade Directory Entries** Name: Zenith Cleaning Specialists Ltd Location: Forgeside House, Cardiff Bay Business Centre, Forgeside Close, Cardiff, CF24 5FA Classification: Commercial Cleaning Services **Status: Inactive** Positional Accuracy: Automatically positioned to the address	A11NE (W)	991	-	319946 175918
266	**Contemporary Trade Directory Entries** Name: Fields Lab Ltd Location: M106-M107, Unit, Cardiff Bay Business Centre, Titan Road, Cardiff, CF24 5EJ Classification: Photographic Processors **Status: Inactive** Positional Accuracy: Automatically positioned to the address	A11NE (W)	991	-	319946 175918
266	**Contemporary Trade Directory Entries** Name: Marconi Marine Communication Co Ltd Location: Unit M201 Cardiff Workshops,Lewis Rd, Cardiff, South Glamorgan, CF24 5EJ Classification: Marine Equipment & Supplies **Status: Inactive** Positional Accuracy: Manually positioned to the address or location	A11NE (W)	991	-	319946 175918
266	**Contemporary Trade Directory Entries** Name: Euro Wales Metals Location: 109,Titan House,Lewis Rd, Cardiff, South Glamorgan, CF24 5EB Classification: Brass & Copper Manufacturers **Status: Inactive** Positional Accuracy: Manually positioned to the address or location	A11NE (W)	991	-	319946 175918
266	**Contemporary Trade Directory Entries** Name: Sji Systems Ltd Location: Titan House, Cardiff Bay Business Centre, Titan Road, Cardiff, South Glamorgan, CF24 5BS Classification: Cinema Equipment **Status: Inactive** Positional Accuracy: Manually positioned to the address or location	A11NE (W)	991	-	319946 175918
266	**Contemporary Trade Directory Entries** Name: Computers In The Community Recycling Ltd Location: Unit M317, Cardiff Bay Business Centre, Titan Road, Cardiff, South Glamorgan, CF24 5EJ Classification: Computer Recycling & Disposal **Status: Inactive** Positional Accuracy: Manually positioned to the address or location	A11NE (W)	991	-	319946 175918
266	**Contemporary Trade Directory Entries** Name: Imex World Cargo Ltd Location: Unit 224m,Cardiff Bay Business Centre,Titan Rd, Cardiff, South Glamorgan, CF24 5EJ Classification: Freight Forwarders **Status: Inactive** Positional Accuracy: Manually positioned to the address or location	A11NE (W)	991	-	319946 175918

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
267	**Contemporary Trade Directory Entries** Name: Frazer Location: East Tyndall Street, CARDIFF, CF24 5JA Classification: Builders' Merchants **Status: Inactive** Positional Accuracy: Automatically positioned to the address	A17SW (NW)	991	-	320096 176235
268	**Fuel Station Entries** Name: Oil4wales Cardiff Docks Location: Coaster Place, Cardiff Docks, Cardiff, South Glamorgan, Cf10 4xz Brand: Oil4wales Premises Type: Petrol Station **Status: Non-Retail** Positional Accuracy: Manually positioned to the road within the address or location	A8NW (SW)	327	-	320784 175265
269	**Points of Interest - Commercial Services** Name: E-pro Automotive Ltd Location: Unit 1 Martin Road, Tremorfa Industrial Estate, Tremorfa, Cardiff, CF24 5SD Category: Repair and Servicing Class Code: Vehicle Repair, Testing and Servicing Positional Accuracy: Positioned to address or location	A13NE (N)	5	9	320960 175706
269	**Points of Interest - Commercial Services** Name: C & B Car Repair Location: Unit 1c Martin Road, Tremorfa Industrial Estate, Tremorfa, Cardiff, CF24 5SD Category: Repair and Servicing Class Code: Vehicle Repair, Testing and Servicing Positional Accuracy: Positioned to address or location	A13NE (N)	6	9	320960 175707
269	**Points of Interest - Commercial Services** Name: Cardiff MOT Centre Location: Unit 1c Martin Road, Tremorfa Industrial Estate, Tremorfa, Cardiff, CF24 5SD Category: Repair and Servicing Class Code: Vehicle Repair, Testing and Servicing Positional Accuracy: Positioned to address or location	A13NE (N)	6	9	320960 175707
269	**Points of Interest - Commercial Services** Name: Itel Supplies Ltd Location: Unit 2 Martin Road, Tremorfa Industrial Estate, Tremorfa, Cardiff, CF24 5SD Category: Recycling Services Class Code: Recycling, Reclamation and Disposal Positional Accuracy: Positioned to address or location	A13NE (N)	16	9	320965 175715
269	**Points of Interest - Commercial Services** Name: Body & Soul Autoworks Location: Unit 3 Martin Road, Tremorfa Industrial Estate, Tremorfa, Cardiff, CF24 5SD Category: Repair and Servicing Class Code: Vehicle Repair, Testing and Servicing Positional Accuracy: Positioned to address or location	A13NE (N)	31	9	320965 175733
269	**Points of Interest - Commercial Services** Name: Action Recycling Ltd Location: Unit 6 Martin Road, Tremorfa Industrial Estate, Tremorfa, Cardiff, CF24 5SD Category: Recycling Services Class Code: Recycling, Reclamation and Disposal Positional Accuracy: Positioned to address or location	A13NE (N)	66	9	320989 175760
269	**Points of Interest - Commercial Services** Name: Action Recycling Ltd Location: Unit 6 Martin Road, Tremorfa Industrial Estate, Tremorfa, Cardiff, CF24 5SD Category: Recycling Services Class Code: Recycling, Reclamation and Disposal Positional Accuracy: Positioned to address or location	A13NE (N)	66	9	320989 175760
270	**Points of Interest - Commercial Services** Name: Panel Shop Location: Martin Road, Tremorfa Industrial Estate, Tremorfa, Cardiff, CF24 5SD Category: Recycling Services Class Code: Scrap Metal Merchants Positional Accuracy: Positioned to address or location	A13NE (NE)	109	9	321095 175703
270	**Points of Interest - Commercial Services** Name: Scrap Yard Location: Not Supplied Category: Recycling Services Class Code: Scrap Metal Merchants Positional Accuracy: Positioned to an adjacent address or location	A13NE (NE)	121	9	321101 175713
270	**Points of Interest - Commercial Services** Name: Scrap Yard Location: CF24 Category: Recycling Services Class Code: Scrap Metal Merchants Positional Accuracy: Positioned to address or location	A13NE (NE)	125	9	321102 175717

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
271	**Points of Interest - Commercial Services** Name: Shield Environmental Services Ltd Location: Unit 11 Martin Road, Tremorfa Industrial Estate, Tremorfa, Cardiff, CF24 5SD Category: Recycling Services Class Code: Recycling, Reclamation and Disposal Positional Accuracy: Positioned to address or location	A13SE (E)	122	9	321152 175602
272	**Points of Interest - Commercial Services** Name: National Engine Centre Ltd Location: Unit 1 Martin Road, Tremorfa Industrial Estate, Tremorfa, Cardiff, CF24 5SD Category: Repair and Servicing Class Code: Vehicle Repair, Testing and Servicing Positional Accuracy: Positioned to address or location	A13NE (NE)	166	9	321089 175812
272	**Points of Interest - Commercial Services** Name: E-pro Automotive Location: Unit 1 Darby Road, Tremorfa Industrial Estate, Tremorfa, Cardiff, CF24 5SB Category: Repair and Servicing Class Code: Vehicle Repair, Testing and Servicing Positional Accuracy: Positioned to address or location	A13NE (NE)	187	9	321095 175835
272	**Points of Interest - Commercial Services** Name: B & R Garages Location: Unit 1A Darby Road, Tremorfa Industrial Estate, Tremorfa, Cardiff, CF24 5SB Category: Repair and Servicing Class Code: Vehicle Repair, Testing and Servicing Positional Accuracy: Positioned to address or location	A13NE (NE)	187	9	321095 175835
272	**Points of Interest - Commercial Services** Name: 1st Choice Vehicle Dismantlers Location: Unit 12-13 Martin Road, Tremorfa Industrial Estate, Tremorfa, Cardiff, CF24 5SD Category: Recycling Services Class Code: Scrap Metal Merchants Positional Accuracy: Positioned to address or location	A13NE (NE)	199	9	321148 175787
273	**Points of Interest - Commercial Services** Name: Diggers Vehicle Dismantlers Location: Unit 15 Martin Road, Tremorfa Industrial Estate, Tremorfa, Cardiff, CF24 5SD Category: Recycling Services Class Code: Scrap Metal Merchants Positional Accuracy: Positioned to address or location	A13NE (NE)	256	9	321183 175838
273	**Points of Interest - Commercial Services** Name: Silverdell Ltd Location: Unit 11 Martin Road, Tremorfa Industrial Estate, Tremorfa, Cardiff, CF24 5SD Category: Recycling Services Class Code: Recycling, Reclamation and Disposal Positional Accuracy: Positioned to address or location	A13NE (NE)	285	9	321249 175798
273	**Points of Interest - Commercial Services** Name: E D S Location: Unit 11 Martin Road, Tremorfa Industrial Estate, Tremorfa, Cardiff, CF24 5SD Category: Recycling Services Class Code: Recycling, Reclamation and Disposal Positional Accuracy: Positioned to address or location	A13NE (NE)	286	9	321250 175799
273	**Points of Interest - Commercial Services** Name: Silverdell Ltd Location: Unit 11 Martin Road, Tremorfa Industrial Estate, Tremorfa, Cardiff, CF24 5SD Category: Recycling Services Class Code: Recycling, Reclamation and Disposal Positional Accuracy: Positioned to address or location	A13NE (NE)	286	9	321250 175799
273	**Points of Interest - Commercial Services** Name: Silverdell Asbestos Removal Plc Location: Unit 11 Martin Road, Tremorfa Industrial Estate, Tremorfa, Cardiff, CF24 5SD Category: Recycling Services Class Code: Recycling, Reclamation and Disposal Positional Accuracy: Positioned to address or location	A13NE (NE)	286	9	321250 175799
273	**Points of Interest - Commercial Services** Name: Bill Way & Co Location: Unit 16 Martin Road, Tremorfa Industrial Estate, Tremorfa, Cardiff, CF24 5SD Category: Recycling Services Class Code: Scrap Metal Merchants Positional Accuracy: Positioned to address or location	A13NE (NE)	291	9	321209 175863
274	**Points of Interest - Commercial Services** Name: Monier Redland Ltd Location: Unit 1 Pacific Business Park, Pacific Road, Cardiff, CF24 5HJ Category: Transport, Storage and Delivery Class Code: Distribution and Haulage Positional Accuracy: Positioned to address or location	A13NW (NW)	257	9	320727 175859

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
275	**Points of Interest - Commercial Services** Name: J & J Commercials Ltd Location: Unit N/2 South Point, Clos Marion, Cardiff, CF10 4LQ Category: Repair and Servicing Class Code: Vehicle Repair, Testing and Servicing Positional Accuracy: Positioned to address or location	A13SW (S)	265	9	320882 175310
275	**Points of Interest - Commercial Services** Name: Cortec Consultancy Ltd Location: Charnwood Park, Foreshore Road, Cardiff, CF10 4LZ Category: Recycling Services Class Code: Recycling, Reclamation and Disposal Positional Accuracy: Positioned to address or location	A8NW (S)	300	9	320940 175280
275	**Points of Interest - Commercial Services** Name: S I G Insulation Location: Unit H/1 South Point, Foreshore Road, Cardiff, CF10 4SP Category: Transport, Storage and Delivery Class Code: Distribution and Haulage Positional Accuracy: Positioned to address or location	A8NE (S)	335	9	320974 175251
275	**Points of Interest - Commercial Services** Name: C V S Location: Unit P/2 South Point, Clos Marion, Cardiff, CF10 4LQ Category: Repair and Servicing Class Code: Vehicle Repair, Testing and Servicing Positional Accuracy: Positioned to address or location	A8NW (S)	349	9	320887 175226
276	**Points of Interest - Commercial Services** Name: Dragon Rescue Tyres Ltd Location: Dragon House, Coaster Place, Cardiff, CF10 4XZ Category: Repair and Servicing Class Code: Vehicle Repair, Testing and Servicing Positional Accuracy: Positioned to address or location	A8NW (SW)	316	9	320771 175281
277	**Points of Interest - Commercial Services** Name: South West Wood Products Ltd Location: Unit A4 Compass Business Park, Pacific Road, Cardiff, CF24 5HL Category: Recycling Services Class Code: Recycling, Reclamation and Disposal Positional Accuracy: Positioned to address or location	A13NW (NW)	359	9	320668 175949
278	**Points of Interest - Commercial Services** Name: B R T International Ltd Location: Dragon House, Coaster Place, Cardiff, CF10 4XZ Category: Transport, Storage and Delivery Class Code: Distribution and Haulage Positional Accuracy: Positioned to address or location	A8NW (SW)	418	9	320745 175183
278	**Points of Interest - Commercial Services** Name: B R T International Location: Dragon House, Coaster Place, Cardiff, CF10 4XZ Category: Transport, Storage and Delivery Class Code: Distribution and Haulage Positional Accuracy: Positioned to address or location	A8NW (SW)	418	9	320745 175182
278	**Points of Interest - Commercial Services** Name: Dragon Truck & Van Ltd Location: Dragon House, Coaster Place, Cardiff, CF10 4XZ Category: Repair and Servicing Class Code: Vehicle Repair, Testing and Servicing Positional Accuracy: Positioned to address or location	A8NW (SW)	418	9	320745 175183
279	**Points of Interest - Commercial Services** Name: Cardiff Truck Services Ltd Location: Roath Dock, Cardiff, CF10 4ED Category: Transport, Storage and Delivery Class Code: Distribution and Haulage Positional Accuracy: Positioned to address or location	A8NW (S)	499	9	320780 175088
279	**Points of Interest - Commercial Services** Name: Cardiff Containers Ltd Location: Coldstores Road, Queen Alexandra Dock, Cardiff, CF10 4LL Category: Transport, Storage and Delivery Class Code: Distribution and Haulage Positional Accuracy: Positioned to address or location	A8NW (S)	499	9	320779 175088
280	**Points of Interest - Commercial Services** Name: M A Rees R V T Location: Old Spillers Wharf, Roath Dock, Cardiff, CF10 4ED Category: Transport, Storage and Delivery Class Code: Distribution and Haulage Positional Accuracy: Positioned to address or location	A7NE (SW)	535	9	320555 175156

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
280	**Points of Interest - Commercial Services** Name: Bridgeway Freighting Location: Clipper Road, Docks, Cardiff, CF10 4EW Category: Transport, Storage and Delivery Class Code: Distribution and Haulage Positional Accuracy: Positioned to address or location	A7NE (SW)	537	9	320581 175134
280	**Points of Interest - Commercial Services** Name: Cardiff Bay Transport Ltd Location: Clipper Road, Docks, Cardiff, CF10 4EW Category: Transport, Storage and Delivery Class Code: Distribution and Haulage Positional Accuracy: Positioned to address or location	A7NE (SW)	537	9	320581 175134
280	**Points of Interest - Commercial Services** Name: Cardiff Bay Truck Services Location: Clipper Road, Docks, Cardiff, CF10 4EW Category: Repair and Servicing Class Code: Vehicle Repair, Testing and Servicing Positional Accuracy: Positioned to address or location	A7NE (SW)	537	9	320581 175134
281	**Points of Interest - Commercial Services** Name: Scrap Yard Location: CF10 Category: Recycling Services Class Code: Scrap Metal Merchants Positional Accuracy: Positioned to address or location	A8NW (SW)	577	9	320641 175054
281	**Points of Interest - Commercial Services** Name: Smiths (UK) Ltd Location: Clipper Road, Roath Dock, Cardiff, CF10 4LX Category: Recycling Services Class Code: Scrap Metal Merchants Positional Accuracy: Positioned to address or location	A8NW (SW)	604	9	320652 175019
281	**Points of Interest - Commercial Services** Name: Smiths UK Ltd Location: Clipper Road, Roath Dock, Cardiff, CF10 4LX Category: Recycling Services Class Code: Scrap Metal Merchants Positional Accuracy: Positioned to address or location	A8NW (SW)	604	9	320652 175019
281	**Points of Interest - Commercial Services** Name: T N Smith & Sons Ltd Location: Clipper Road, Roath Dock, Cardiff, CF10 4LX Category: Recycling Services Class Code: Recycling, Reclamation and Disposal Positional Accuracy: Positioned to address or location	A8NW (SW)	604	9	320652 175019
281	**Points of Interest - Commercial Services** Name: Scrap Yard Location: CF10 Category: Recycling Services Class Code: Scrap Metal Merchants Positional Accuracy: Positioned to address or location	A8NW (SW)	644	9	320624 174988
281	**Points of Interest - Commercial Services** Name: Scrap Yard Location: Not Supplied Category: Recycling Services Class Code: Scrap Metal Merchants Positional Accuracy: Positioned to an adjacent address or location	A8NW (SW)	648	9	320625 174983
282	**Points of Interest - Commercial Services** Name: Z C C Garage Location: Mepco House 85, Seawall Road, Cardiff, CF24 5TH Category: Repair and Servicing Class Code: Vehicle Repair, Testing and Servicing Positional Accuracy: Positioned to address or location	A18NW (N)	609	9	320933 176322
282	**Points of Interest - Commercial Services** Name: Cj's Accident Repair Location: 85 Seawall Road, Cardiff, CF24 5TH Category: Repair and Servicing Class Code: Vehicle Repair, Testing and Servicing Positional Accuracy: Positioned to address or location	A18NW (N)	658	9	320866 176367
282	**Points of Interest - Commercial Services** Name: Metal Skills Location: 85 Seawall Road, Cardiff, CF24 5TH Category: Construction Services Class Code: Metalworkers Including Blacksmiths Positional Accuracy: Positioned to address or location	A18NW (N)	659	9	320866 176368

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
282	**Points of Interest - Commercial Services** Name: Metalskills Wrought Ironwork Location: 85 Seawall Road, Cardiff, CF24 5TH Category: Construction Services Class Code: Metalworkers Including Blacksmiths Positional Accuracy: Positioned to address or location	A18NW (N)	659	9	320866 176368
282	**Points of Interest - Commercial Services** Name: Car Care Body Shop Location: 85 Seawall Road, Cardiff, CF24 5TH Category: Repair and Servicing Class Code: Vehicle Repair, Testing and Servicing Positional Accuracy: Positioned to address or location	A18NW (N)	659	9	320866 176368
283	**Points of Interest - Commercial Services** Name: Product Development Corporation Location: Unit 88, Portmanmoor Road Industrial Estate, Cardiff, CF24 5HA Category: Transport, Storage and Delivery Class Code: Distribution and Haulage Positional Accuracy: Positioned to address or location	A12NE (NW)	630	9	320325 175898
284	**Points of Interest - Commercial Services** Name: Product Development Corporation Location: Unit 106, Portmanmoor Road Industrial Estate, Cardiff, CF24 5HB Category: Transport, Storage and Delivery Class Code: Distribution and Haulage Positional Accuracy: Positioned to address or location	A12NW (W)	655	9	320273 175834
284	**Points of Interest - Commercial Services** Name: A Class M O T 's Location: Unit 105, Portmanmoor Road Industrial Estate, Cardiff, CF24 5HB Category: Repair and Servicing Class Code: Vehicle Repair, Testing and Servicing Positional Accuracy: Positioned to address or location	A12NW (W)	661	9	320270 175845
284	**Points of Interest - Commercial Services** Name: Simple Gas Motor Co Location: Unit 105, Portmanmoor Road Industrial Estate, Cardiff, CF24 5HB Category: Repair and Servicing Class Code: Vehicle Repair, Testing and Servicing Positional Accuracy: Positioned to address or location	A12NW (W)	662	9	320269 175844
284	**Points of Interest - Commercial Services** Name: Auto Body Perfections Ltd Location: Unit 99, Portmanmoor Road Industrial Estate, Cardiff, CF24 5HB Category: Repair and Servicing Class Code: Vehicle Repair, Testing and Servicing Positional Accuracy: Positioned to address or location	A12NW (W)	715	9	320231 175896
284	**Points of Interest - Commercial Services** Name: City Electro Diesel Location: Unit 98, Portmanmoor Road Industrial Estate, Cardiff, CF24 5HB Category: Repair and Servicing Class Code: Vehicle Repair, Testing and Servicing Positional Accuracy: Positioned to address or location	A12NW (W)	716	9	320226 175885
284	**Points of Interest - Commercial Services** Name: City Electro Diesel Location: Unit 98, Portmanmoor Road Industrial Estate, Cardiff, CF24 5HB Category: Repair and Servicing Class Code: Vehicle Repair, Testing and Servicing Positional Accuracy: Positioned to address or location	A12NW (W)	716	9	320226 175885
285	**Points of Interest - Commercial Services** Name: Scrap Yard Location: Not Supplied Category: Recycling Services Class Code: Scrap Metal Merchants Positional Accuracy: Positioned to an adjacent address or location	A7NE (SW)	701	9	320321 175163
285	**Points of Interest - Commercial Services** Name: Scrap Yard Location: CF10 Category: Recycling Services Class Code: Scrap Metal Merchants Positional Accuracy: Positioned to an adjacent address or location	A7NE (SW)	709	9	320311 175162
285	**Points of Interest - Commercial Services** Name: European Metal Recycling Ltd Location: Roath Dock, Cardiff, CF10 4ED Category: Recycling Services Class Code: Scrap Metal Merchants Positional Accuracy: Positioned to address or location	A7NW (SW)	757	9	320271 175137

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
285	**Points of Interest - Commercial Services** Name: European Metals Recycling Ltd Location: Dowlais Wharf, Roath Dock, Cardiff, CF10 4ED Category: Recycling Services Class Code: Scrap Metal Merchants Positional Accuracy: Positioned to address or location	A7NW (SW)	758	9	320270 175136
286	**Points of Interest - Commercial Services** Name: Torque Motors Ltd Location: Seawall Road, Cardiff, CF24 5TH Category: Repair and Servicing Class Code: Vehicle Repair, Testing and Servicing Positional Accuracy: Positioned to address or location	A18NW (N)	719	9	320767 176411
287	**Points of Interest - Commercial Services** Name: Alar Engineering Ltd Location: Unit 32/34, Portmanmoor Road Industrial Estate, Cardiff, CF24 5HB Category: Construction Services Class Code: Metalworkers Including Blacksmiths Positional Accuracy: Positioned to address or location	A17SE (NW)	732	9	320313 176093
287	**Points of Interest - Commercial Services** Name: Alar Engineering Location: Unit 32, Portmanmoor Road Industrial Estate, Cardiff, CF24 5HB Category: Construction Services Class Code: Metalworkers Including Blacksmiths Positional Accuracy: Positioned to address or location	A17SE (NW)	732	9	320312 176092
288	**Points of Interest - Commercial Services** Name: Scrap Yard Location: CF24 Category: Recycling Services Class Code: Scrap Metal Merchants Positional Accuracy: Positioned to address or location	A19SW (NE)	736	9	321438 176264
288	**Points of Interest - Commercial Services** Name: Scrap Yard Location: Not Supplied Category: Recycling Services Class Code: Scrap Metal Merchants Positional Accuracy: Positioned to an adjacent address or location	A19NW (NE)	802	9	321440 176345
288	**Points of Interest - Commercial Services** Name: Scrap Yard Location: CF24 Category: Recycling Services Class Code: Scrap Metal Merchants Positional Accuracy: Positioned to address or location	A19NW (NE)	807	9	321444 176348
289	**Points of Interest - Commercial Services** Name: Sure Freight Ltd Location: Unit D2 South Point, Foreshore Road, Cardiff, CF10 4SP Category: Transport, Storage and Delivery Class Code: Distribution and Haulage Positional Accuracy: Positioned to address or location	A8SE (S)	738	9	320977 174843
289	**Points of Interest - Commercial Services** Name: Surefreight Location: Unit D/2 South Point, Foreshore Road, Cardiff, CF10 4SP Category: Transport, Storage and Delivery Class Code: Distribution and Haulage Positional Accuracy: Positioned to address or location	A8SE (S)	739	9	320976 174842
290	**Points of Interest - Commercial Services** Name: Cardiff Bay Auto Centre Ltd Location: Unit, 5 Seawall Road, Cardiff, CF24 5TH Category: Repair and Servicing Class Code: Vehicle Repair, Testing and Servicing Positional Accuracy: Positioned to address or location	A18NE (N)	740	9	320965 176452
290	**Points of Interest - Commercial Services** Name: Seawall M O T Ltd Location: Unit 2, Seawall Road, Cardiff, CF24 5TH Category: Repair and Servicing Class Code: Vehicle Repair, Testing and Servicing Positional Accuracy: Positioned to address or location	A18NE (N)	740	9	320966 176452
290	**Points of Interest - Commercial Services** Name: Seawall MOT Location: Unit 5, Seawall Road, Cardiff, CF24 5TH Category: Repair and Servicing Class Code: Vehicle Repair, Testing and Servicing Positional Accuracy: Positioned to address or location	A18NE (N)	740	9	320966 176452

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
290	**Points of Interest - Commercial Services** Name: J J Motors Cardiff Location: Unit 3, Seawall Road, Cardiff, CF24 5TH Category: Repair and Servicing Class Code: Vehicle Repair, Testing and Servicing Positional Accuracy: Positioned to address or location	A18NE (N)	764	9	320992 176475
291	**Points of Interest - Commercial Services** Name: Autocare Tyres Location: Unit 50, Portmanmoor Road Industrial Estate, Cardiff, CF24 5HB Category: Repair and Servicing Class Code: Vehicle Repair, Testing and Servicing Positional Accuracy: Positioned to address or location	A17SW (NW)	752	9	320236 175997
291	**Points of Interest - Commercial Services** Name: S W S S Location: Unit 2 Lewis Court 50, Portmanmoor Road Industrial Estate, Cardiff, CF24 5HQ Category: Repair and Servicing Class Code: Vehicle Repair, Testing and Servicing Positional Accuracy: Positioned to address or location	A17SW (NW)	752	9	320236 175996
292	**Points of Interest - Commercial Services** Name: Scrap Yard Location: CF24 Category: Recycling Services Class Code: Scrap Metal Merchants Positional Accuracy: Positioned to address or location	A19SW (NE)	869	9	321577 176317
292	**Points of Interest - Commercial Services** Name: Sims Metal Management Location: Rover Way, Cardiff, CF24 2RX Category: Recycling Services Class Code: Scrap Metal Merchants Positional Accuracy: Positioned to address or location	A19NW (NE)	888	9	321600 176322
292	**Points of Interest - Commercial Services** Name: Sims Metal UK Ltd Location: Rover Way, Cardiff, CF24 2RX Category: Recycling Services Class Code: Recycling, Reclamation and Disposal Positional Accuracy: Positioned to address or location	A19NW (NE)	889	9	321601 176323
292	**Points of Interest - Commercial Services** Name: Sims Metal Management Cardiff Location: Rover Way, Cardiff, CF24 2RX Category: Recycling Services Class Code: Scrap Metal Merchants Positional Accuracy: Positioned to address or location	A19NW (NE)	889	9	321601 176323
293	**Points of Interest - Commercial Services** Name: Torque Motors Location: 27 Singleton Road, Cardiff, CF24 2ES Category: Repair and Servicing Class Code: Vehicle Repair, Testing and Servicing Positional Accuracy: Positioned to address or location	A17NE (NW)	879	9	320355 176371
293	**Points of Interest - Commercial Services** Name: N G Motors Location: 27 Singleton Road, Cardiff, CF24 2ES Category: Repair and Servicing Class Code: Vehicle Repair, Testing and Servicing Positional Accuracy: Positioned to address or location	A17NE (NW)	879	9	320355 176371
294	**Points of Interest - Commercial Services** Name: Marquette Metal Recycling Ltd Location: Unit 2, Guest Road, Cardiff, CF24 5JS Category: Recycling Services Class Code: Scrap Metal Merchants Positional Accuracy: Positioned to address or location	A12NW (W)	914	9	319989 175764
294	**Points of Interest - Commercial Services** Name: Carfix Ltd Location: Unit 3, Guest Road, Cardiff, CF24 5JS Category: Repair and Servicing Class Code: Vehicle Repair, Testing and Servicing Positional Accuracy: Positioned to address or location	A12NW (W)	922	9	319984 175781
294	**Points of Interest - Commercial Services** Name: Car Fix Ltd Location: Unit 3, Guest Road, Cardiff, CF24 5JS Category: Repair and Servicing Class Code: Vehicle Repair, Testing and Servicing Positional Accuracy: Positioned to address or location	A12NW (W)	922	9	319984 175781

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
294	**Points of Interest - Commercial Services** Name: M O T Cardiff Location: Unit 4, Guest Road, Cardiff, CF24 5JS Category: Repair and Servicing Class Code: Vehicle Repair, Testing and Servicing Positional Accuracy: Positioned to address or location	A12NW (W)	932	9	319976 175794
295	**Points of Interest - Commercial Services** Name: Moore's Commercials Location: 6 Seaview Units, Lewis Road, Cardiff, CF24 5EB Category: Repair and Servicing Class Code: Vehicle Repair, Testing and Servicing Positional Accuracy: Positioned to address or location	A17SW (NW)	949	9	320086 176132
295	**Points of Interest - Commercial Services** Name: Mason's Auto Centre Location: 2-3 Seaview Units, Lewis Road, Cardiff, CF24 5EB Category: Repair and Servicing Class Code: Vehicle Repair, Testing and Servicing Positional Accuracy: Positioned to address or location	A17SW (NW)	966	9	320057 176116
295	**Points of Interest - Commercial Services** Name: Masons Auto Repairs Ltd Location: 2-3 Seaview Units, Lewis Road, Cardiff, CF24 5EB Category: Repair and Servicing Class Code: Vehicle Repair, Testing and Servicing Positional Accuracy: Positioned to address or location	A17SW (NW)	966	9	320057 176116
296	**Points of Interest - Commercial Services** Name: G C Auto Valeting Location: 7 Portmanmoor Road Lane, Cardiff, CF24 5EQ Category: Personal, Consumer and other Services Class Code: Vehicle Cleaning Services Positional Accuracy: Positioned to address or location	A17SW (NW)	977	9	320132 176265
296	**Points of Interest - Commercial Services** Name: S V Motor Services Location: 7 Portmanmoor Road Lane, Cardiff, CF24 5EQ Category: Repair and Servicing Class Code: Vehicle Repair, Testing and Servicing Positional Accuracy: Positioned to address or location	A17SW (NW)	977	9	320132 176265
296	**Points of Interest - Commercial Services** Name: G C Auto Valeting Location: 7 Portmanmoor Road Lane, Cardiff, CF24 5EQ Category: Personal, Consumer and other Services Class Code: Vehicle Cleaning Services Positional Accuracy: Positioned to address or location	A17SW (NW)	977	9	320132 176265
296	**Points of Interest - Commercial Services** Name: S V Motor Services Location: 7 Portmanmoor Road Lane, Cardiff, CF24 5EQ Category: Repair and Servicing Class Code: Vehicle Repair, Testing and Servicing Positional Accuracy: Positioned to address or location	A17SW (NW)	977	9	320131 176264
296	**Points of Interest - Commercial Services** Name: Scrap Yard Location: CF24 Category: Recycling Services Class Code: Scrap Metal Merchants Positional Accuracy: Positioned to address or location	A17SW (NW)	987	9	320115 176258
296	**Points of Interest - Commercial Services** Name: Scrap Yard Location: Not Supplied Category: Recycling Services Class Code: Scrap Metal Merchants Positional Accuracy: Positioned to an adjacent address or location	A17SW (NW)	989	9	320113 176257
297	**Points of Interest - Commercial Services** Name: Imex World Cargo Ltd Location: Unit 224m, Cardiff Bay Business Centre, Titan Rd, Cardiff, South Glamorgan, CF24 5EJ Category: Transport, Storage and Delivery Class Code: Distribution and Haulage Positional Accuracy: Positioned to address or location	A11NE (W)	991	9	319946 175918
297	**Points of Interest - Commercial Services** Name: Imex World Cargo Ltd Location: Unit M224 Cardiff Bay Business Centre, Titan Road, Cardiff, CF24 5EJ Category: Transport, Storage and Delivery Class Code: Distribution and Haulage Positional Accuracy: Positioned to address or location	A11NE (W)	991	9	319946 175918

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
298	**Points of Interest - Manufacturing and Production** Name: Shaft Location: CF24 Category: Extractive Industries Class Code: Unspecified Quarries Or Mines Positional Accuracy: Positioned to address or location	A13SW (S)	20	9	320941 175567
299	**Points of Interest - Manufacturing and Production** Name: Tremorfa Industrial Estate Location: CF24 Category: Industrial Features Class Code: Business Parks and Industrial Estates Positional Accuracy: Positioned to an adjacent address or location	A13NE (N)	39	9	320986 175731
300	**Points of Interest - Manufacturing and Production** Name: Tank Location: CF24 Category: Industrial Features Class Code: Tanks (Generic) Positional Accuracy: Positioned to an adjacent address or location	A13NW (N)	84	9	320890 175781
301	**Points of Interest - Manufacturing and Production** Name: Tank Location: CF24 Category: Industrial Features Class Code: Tanks (Generic) Positional Accuracy: Positioned to an adjacent address or location	A13SE (E)	90	9	321120 175600
301	**Points of Interest - Manufacturing and Production** Name: Tank Location: CF24 Category: Industrial Features Class Code: Tanks (Generic) Positional Accuracy: Positioned to an adjacent address or location	A13SE (E)	111	9	321141 175630
301	**Points of Interest - Manufacturing and Production** Name: Tank Location: CF24 Category: Industrial Features Class Code: Tanks (Generic) Positional Accuracy: Positioned to an adjacent address or location	A13SE (E)	129	9	321159 175627
302	**Points of Interest - Manufacturing and Production** Name: Tank Location: CF24 Category: Industrial Features Class Code: Tanks (Generic) Positional Accuracy: Positioned to an adjacent address or location	A13NW (N)	172	9	320927 175884
302	**Points of Interest - Manufacturing and Production** Name: Works Location: Not Supplied Category: Industrial Features Class Code: Unspecified Works Or Factories Positional Accuracy: Positioned to an adjacent address or location	A13NW (N)	241	9	320923 175953
302	**Points of Interest - Manufacturing and Production** Name: Works Location: CF24 Category: Industrial Features Class Code: Unspecified Works Or Factories Positional Accuracy: Positioned to an adjacent address or location	A13NW (N)	242	9	320923 175954
302	**Points of Interest - Manufacturing and Production** Name: Tank Location: CF24 Category: Industrial Features Class Code: Tanks (Generic) Positional Accuracy: Positioned to an adjacent address or location	A13NW (N)	249	9	320858 175949
303	**Points of Interest - Manufacturing and Production** Name: Ready-Mixed Concrete Works Location: CF24 Category: Industrial Features Class Code: Unspecified Works Or Factories Positional Accuracy: Positioned to an adjacent address or location	A13NE (NE)	175	9	321047 175852
304	**Points of Interest - Manufacturing and Production** Name: Shaft Location: CF24 Category: Extractive Industries Class Code: Unspecified Quarries Or Mines Positional Accuracy: Positioned to address or location	A13NE (E)	249	9	321263 175704

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
304	**Points of Interest - Manufacturing and Production** Name: Tank Location: CF24 Category: Industrial Features Class Code: Tanks (Generic) Positional Accuracy: Positioned to address or location	A14NW (E)	279	9	321307 175653
304	**Points of Interest - Manufacturing and Production** Name: Tank Location: CF24 Category: Industrial Features Class Code: Tanks (Generic) Positional Accuracy: Positioned to address or location	A14NW (E)	304	9	321325 175691
304	**Points of Interest - Manufacturing and Production** Name: Tanks Location: CF24 Category: Industrial Features Class Code: Tanks (Generic) Positional Accuracy: Positioned to an adjacent address or location	A14NW (E)	307	9	321331 175678
304	**Points of Interest - Manufacturing and Production** Name: Tank Location: CF24 Category: Industrial Features Class Code: Tanks (Generic) Positional Accuracy: Positioned to address or location	A14SW (E)	333	9	321364 175620
304	**Points of Interest - Manufacturing and Production** Name: Tank Location: CF24 Category: Industrial Features Class Code: Tanks (Generic) Positional Accuracy: Positioned to address or location	A14NW (E)	348	9	321353 175745
304	**Points of Interest - Manufacturing and Production** Name: Tanks Location: CF24 Category: Industrial Features Class Code: Tanks (Generic) Positional Accuracy: Positioned to an adjacent address or location	A14NW (E)	351	9	321361 175733
304	**Points of Interest - Manufacturing and Production** Name: Tank Location: CF24 Category: Industrial Features Class Code: Tanks (Generic) Positional Accuracy: Positioned to address or location	A14NW (E)	352	9	321380 175661
305	**Points of Interest - Manufacturing and Production** Name: Stonechina Location: Unit 9 Pacific Business Park, Pacific Road, Cardiff, CF24 5HJ Category: Extractive Industries Class Code: Stone Quarrying and Preparation Positional Accuracy: Positioned to address or location	A13NW (NW)	257	9	320727 175859
305	**Points of Interest - Manufacturing and Production** Name: Stonechina Location: Unit 9 Pacific Business Park, Pacific Road, Cardiff, CF24 5HJ Category: Extractive Industries Class Code: Stone Quarrying and Preparation Positional Accuracy: Positioned to address or location	A13NW (NW)	257	9	320727 175859
306	**Points of Interest - Manufacturing and Production** Name: Tank Location: CF24 Category: Industrial Features Class Code: Tanks (Generic) Positional Accuracy: Positioned to an adjacent address or location	A13NE (N)	275	9	321025 175974
306	**Points of Interest - Manufacturing and Production** Name: Works Location: Not Supplied Category: Industrial Features Class Code: Unspecified Works Or Factories Positional Accuracy: Positioned to an adjacent address or location	A18SE (N)	281	9	321012 175984
306	**Points of Interest - Manufacturing and Production** Name: Tank Location: CF24 Category: Industrial Features Class Code: Tanks (Generic) Positional Accuracy: Positioned to an adjacent address or location	A18SE (N)	341	9	321034 176040

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
307	**Points of Interest - Manufacturing and Production** Name: Tank Location: CF24 Category: Industrial Features Class Code: Tanks (Generic) Positional Accuracy: Positioned to address or location	A14NW (E)	382	9	321373 175785
307	**Points of Interest - Manufacturing and Production** Name: Cardiff Waste Water Treatment - Sewage Sludge Digestion (DECC) Location: Tide Fields Road, Splott, Cardiff, CF24 Category: Industrial Features Class Code: Energy Production Positional Accuracy: Positioned to an adjacent address or location	A14NW (NE)	397	9	321361 175835
307	**Points of Interest - Manufacturing and Production** Name: Tank Location: CF24 Category: Industrial Features Class Code: Tanks (Generic) Positional Accuracy: Positioned to address or location	A14NW (E)	427	9	321434 175754
307	**Points of Interest - Manufacturing and Production** Name: Tank Location: CF24 Category: Industrial Features Class Code: Tanks (Generic) Positional Accuracy: Positioned to address or location	A14NW (NE)	451	9	321426 175832
307	**Points of Interest - Manufacturing and Production** Name: Tanks Location: CF24 Category: Industrial Features Class Code: Tanks (Generic) Positional Accuracy: Positioned to an adjacent address or location	A14NW (NE)	454	9	321429 175832
307	**Points of Interest - Manufacturing and Production** Name: Tank Location: CF24 Category: Industrial Features Class Code: Tanks (Generic) Positional Accuracy: Positioned to address or location	A14NW (E)	476	9	321464 175812
307	**Points of Interest - Manufacturing and Production** Name: Tank Location: CF24 Category: Industrial Features Class Code: Tanks (Generic) Positional Accuracy: Positioned to address or location	A14NW (NE)	505	9	321454 175891
307	**Points of Interest - Manufacturing and Production** Name: Tank Location: CF24 Category: Industrial Features Class Code: Tanks (Generic) Positional Accuracy: Positioned to address or location	A14NW (NE)	528	9	321493 175870
308	**Points of Interest - Manufacturing and Production** Name: Works Location: Not Supplied Category: Industrial Features Class Code: Unspecified Works Or Factories Positional Accuracy: Positioned to an adjacent address or location	A18SW (N)	382	9	320848 176084
309	**Points of Interest - Manufacturing and Production** Name: Tank Location: CF24 Category: Industrial Features Class Code: Tanks (Generic) Positional Accuracy: Positioned to address or location	A14NW (NE)	390	9	321307 175894
309	**Points of Interest - Manufacturing and Production** Name: Tank Location: CF24 Category: Industrial Features Class Code: Tanks (Generic) Positional Accuracy: Positioned to address or location	A14NW (NE)	408	9	321347 175873
309	**Points of Interest - Manufacturing and Production** Name: Tank Location: CF24 Category: Industrial Features Class Code: Tanks (Generic) Positional Accuracy: Positioned to address or location	A14NW (NE)	448	9	321337 175953

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
309	**Points of Interest - Manufacturing and Production** Name: Tanks Location: CF24 Category: Industrial Features Class Code: Tanks (Generic) Positional Accuracy: Positioned to an adjacent address or location	A14NW (NE)	465	9	321370 175934
309	**Points of Interest - Manufacturing and Production** Name: Tank Location: CF24 Category: Industrial Features Class Code: Tanks (Generic) Positional Accuracy: Positioned to address or location	A14NW (NE)	470	9	321376 175933
310	**Points of Interest - Manufacturing and Production** Name: Works Location: Not Supplied Category: Industrial Features Class Code: Unspecified Works Or Factories Positional Accuracy: Positioned to an adjacent address or location	A18SE (N)	392	9	320969 176103
310	**Points of Interest - Manufacturing and Production** Name: Works Location: Not Supplied Category: Industrial Features Class Code: Unspecified Works Or Factories Positional Accuracy: Positioned to an adjacent address or location	A18SE (N)	415	9	321041 176115
311	**Points of Interest - Manufacturing and Production** Name: Tank Location: CF24 Category: Industrial Features Class Code: Tanks (Generic) Positional Accuracy: Positioned to address or location	A14NW (E)	395	9	321413 175714
312	**Points of Interest - Manufacturing and Production** Name: Dawson Stone Masonry Ltd Location: Unit 12 Pacific Business Park, Pacific Road, Cardiff, CF24 5HJ Category: Extractive Industries Class Code: Stone Quarrying and Preparation Positional Accuracy: Positioned to address or location	A12NE (NW)	425	9	320598 175968
313	**Points of Interest - Manufacturing and Production** Name: Tank Location: CF24 Category: Industrial Features Class Code: Tanks (Generic) Positional Accuracy: Positioned to an adjacent address or location	A12NE (W)	448	9	320450 175694
313	**Points of Interest - Manufacturing and Production** Name: Tank Location: CF24 Category: Industrial Features Class Code: Tanks (Generic) Positional Accuracy: Positioned to an adjacent address or location	A12NE (W)	535	9	320363 175701
314	**Points of Interest - Manufacturing and Production** Name: Tank Location: CF10 Category: Industrial Features Class Code: Tanks (Generic) Positional Accuracy: Positioned to an adjacent address or location	A7NE (SW)	461	9	320528 175287
315	**Points of Interest - Manufacturing and Production** Name: Works Location: Not Supplied Category: Industrial Features Class Code: Unspecified Works Or Factories Positional Accuracy: Positioned to an adjacent address or location	A18SE (NE)	476	9	321260 176073
316	**Points of Interest - Manufacturing and Production** Name: Tank Location: CF24 Category: Industrial Features Class Code: Tanks (Generic) Positional Accuracy: Positioned to an adjacent address or location	A12NE (NW)	516	9	320491 175971
316	**Points of Interest - Manufacturing and Production** Name: Portmanmoor Road Industrial Estate Location: CF24 Category: Industrial Features Class Code: Business Parks and Industrial Estates Positional Accuracy: Positioned to an adjacent address or location	A17SE (NW)	522	9	320525 176031

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
317	**Points of Interest - Manufacturing and Production** Name: Tank Location: CF24 Category: Industrial Features Class Code: Tanks (Generic) Positional Accuracy: Positioned to an adjacent address or location	A12NE (W)	571	9	320346 175789
318	**Points of Interest - Manufacturing and Production** Name: Tank Location: CF24 Category: Industrial Features Class Code: Tanks (Generic) Positional Accuracy: Positioned to address or location	A18SW (N)	577	9	320870 176286
318	**Points of Interest - Manufacturing and Production** Name: Tanks Location: CF24 Category: Industrial Features Class Code: Tanks (Generic) Positional Accuracy: Positioned to an adjacent address or location	A18SW (N)	581	9	320871 176290
318	**Points of Interest - Manufacturing and Production** Name: Works Location: Not Supplied Category: Industrial Features Class Code: Unspecified Works Or Factories Positional Accuracy: Positioned to an adjacent address or location	A18NW (N)	620	9	320835 176324
318	**Points of Interest - Manufacturing and Production** Name: Works Location: CF24 Category: Industrial Features Class Code: Unspecified Works Or Factories Positional Accuracy: Positioned to an adjacent address or location	A18NW (N)	620	9	320835 176324
319	**Points of Interest - Manufacturing and Production** Name: Tank Location: CF24 Category: Industrial Features Class Code: Tanks (Generic) Positional Accuracy: Positioned to address or location	A18SW (N)	580	9	320874 176289
319	**Points of Interest - Manufacturing and Production** Name: Works Location: Not Supplied Category: Industrial Features Class Code: Unspecified Works Or Factories Positional Accuracy: Positioned to an adjacent address or location	A18NW (N)	622	9	320947 176335
319	**Points of Interest - Manufacturing and Production** Name: Works Location: CF24 Category: Industrial Features Class Code: Unspecified Works Or Factories Positional Accuracy: Positioned to an adjacent address or location	A18NW (N)	623	9	320947 176336
319	**Points of Interest - Manufacturing and Production** Name: Works Location: Not Supplied Category: Industrial Features Class Code: Unspecified Works Or Factories Positional Accuracy: Positioned to an adjacent address or location	A18NW (N)	653	9	320868 176362
319	**Points of Interest - Manufacturing and Production** Name: Works Location: CF24 Category: Industrial Features Class Code: Unspecified Works Or Factories Positional Accuracy: Positioned to an adjacent address or location	A18NW (N)	653	9	320868 176362
319	**Points of Interest - Manufacturing and Production** Name: Tank Location: CF24 Category: Industrial Features Class Code: Tanks (Generic) Positional Accuracy: Positioned to an adjacent address or location	A18NW (N)	669	9	320926 176382
319	**Points of Interest - Manufacturing and Production** Name: Tank Location: CF24 Category: Industrial Features Class Code: Tanks (Generic) Positional Accuracy: Positioned to address or location	A18NW (N)	673	9	320889 176384

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
319	**Points of Interest - Manufacturing and Production** Name: Tank Location: CF24 Category: Industrial Features Class Code: Tanks (Generic) Positional Accuracy: Positioned to address or location	A18NW (N)	675	9	320885 176386
319	**Points of Interest - Manufacturing and Production** Name: Tank Location: CF24 Category: Industrial Features Class Code: Tanks (Generic) Positional Accuracy: Positioned to address or location	A18NW (N)	676	9	320891 176387
319	**Points of Interest - Manufacturing and Production** Name: Tank Location: CF24 Category: Industrial Features Class Code: Tanks (Generic) Positional Accuracy: Positioned to address or location	A18NW (N)	679	9	320889 176390
319	**Points of Interest - Manufacturing and Production** Name: Works Location: Not Supplied Category: Industrial Features Class Code: Unspecified Works Or Factories Positional Accuracy: Positioned to an adjacent address or location	A18NE (N)	682	9	321012 176391
319	**Points of Interest - Manufacturing and Production** Name: Tank Location: CF24 Category: Industrial Features Class Code: Tanks (Generic) Positional Accuracy: Positioned to an adjacent address or location	A18NW (N)	682	9	320940 176395
320	**Points of Interest - Manufacturing and Production** Name: Works Location: Not Supplied Category: Industrial Features Class Code: Unspecified Works Or Factories Positional Accuracy: Positioned to an adjacent address or location	A18SE (N)	588	9	321086 176282
321	**Points of Interest - Manufacturing and Production** Name: Tank Location: CF10 Category: Industrial Features Class Code: Tanks (Generic) Positional Accuracy: Positioned to address or location	A8SW (S)	632	9	320749 174959
321	**Points of Interest - Manufacturing and Production** Name: Tank Location: CF10 Category: Industrial Features Class Code: Tanks (Generic) Positional Accuracy: Positioned to address or location	A8SW (S)	636	9	320753 174954
321	**Points of Interest - Manufacturing and Production** Name: Tank Location: CF10 Category: Industrial Features Class Code: Tanks (Generic) Positional Accuracy: Positioned to address or location	A8SW (S)	638	9	320756 174951
321	**Points of Interest - Manufacturing and Production** Name: Tanks Location: CF10 Category: Industrial Features Class Code: Tanks (Generic) Positional Accuracy: Positioned to an adjacent address or location	A8SW (S)	642	9	320756 174947
322	**Points of Interest - Manufacturing and Production** Name: Works Location: Not Supplied Category: Industrial Features Class Code: Unspecified Works Or Factories Positional Accuracy: Positioned to an adjacent address or location	A18SW (N)	640	9	320691 176303
322	**Points of Interest - Manufacturing and Production** Name: Works Location: CF24 Category: Industrial Features Class Code: Unspecified Works Or Factories Positional Accuracy: Positioned to an adjacent address or location	A18SW (N)	641	9	320685 176302

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
322	**Points of Interest - Manufacturing and Production** Name: Works Location: Not Supplied Category: Industrial Features Class Code: Unspecified Works Or Factories Positional Accuracy: Positioned to an adjacent address or location	A18NW (N)	662	9	320756 176349
323	**Points of Interest - Manufacturing and Production** Name: Tank Location: CF24 Category: Industrial Features Class Code: Tanks (Generic) Positional Accuracy: Positioned to an adjacent address or location	A18NW (N)	656	9	320781 176350
323	**Points of Interest - Manufacturing and Production** Name: Works Location: CF24 Category: Industrial Features Class Code: Unspecified Works Or Factories Positional Accuracy: Positioned to address or location	A18NW (N)	694	9	320796 176392
323	**Points of Interest - Manufacturing and Production** Name: Works Location: Not Supplied Category: Industrial Features Class Code: Unspecified Works Or Factories Positional Accuracy: Positioned to an adjacent address or location	A18NW (N)	696	9	320794 176394
323	**Points of Interest - Manufacturing and Production** Name: Factory Location: Not Supplied Category: Industrial Features Class Code: Unspecified Works Or Factories Positional Accuracy: Positioned to an adjacent address or location	A18NW (N)	707	9	320725 176387
323	**Points of Interest - Manufacturing and Production** Name: Factory Location: CF24 Category: Industrial Features Class Code: Unspecified Works Or Factories Positional Accuracy: Positioned to an adjacent address or location	A18NW (N)	707	9	320725 176387
323	**Points of Interest - Manufacturing and Production** Name: Works Location: Not Supplied Category: Industrial Features Class Code: Unspecified Works Or Factories Positional Accuracy: Positioned to an adjacent address or location	A18NW (N)	726	9	320761 176417
323	**Points of Interest - Manufacturing and Production** Name: Works Location: CF24 Category: Industrial Features Class Code: Unspecified Works Or Factories Positional Accuracy: Positioned to an adjacent address or location	A18NW (N)	726	9	320761 176417
323	**Points of Interest - Manufacturing and Production** Name: Works Location: Not Supplied Category: Industrial Features Class Code: Unspecified Works Or Factories Positional Accuracy: Positioned to an adjacent address or location	A18NW (N)	744	9	320775 176439
323	**Points of Interest - Manufacturing and Production** Name: Works Location: Not Supplied Category: Industrial Features Class Code: Unspecified Works Or Factories Positional Accuracy: Positioned to an adjacent address or location	A18NW (N)	772	9	320738 176458
324	**Points of Interest - Manufacturing and Production** Name: Tank Location: CF10 Category: Industrial Features Class Code: Tanks (Generic) Positional Accuracy: Positioned to an adjacent address or location	A7NE (SW)	666	9	320542 175006
324	**Points of Interest - Manufacturing and Production** Name: Tanks Location: CF10 Category: Industrial Features Class Code: Tanks (Generic) Positional Accuracy: Positioned to an adjacent address or location	A7NE (SW)	694	9	320523 174985

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
324	**Points of Interest - Manufacturing and Production** Name: Tank Location: CF10 Category: Industrial Features Class Code: Tanks (Generic) Positional Accuracy: Positioned to an adjacent address or location	A7NE (SW)	720	9	320494 174972
325	**Points of Interest - Manufacturing and Production** Name: Tanks Location: CF24 Category: Industrial Features Class Code: Tanks (Generic) Positional Accuracy: Positioned to an adjacent address or location	A18NE (N)	673	9	321045 176377
326	**Points of Interest - Manufacturing and Production** Name: Tanks Location: CF24 Category: Industrial Features Class Code: Tanks (Generic) Positional Accuracy: Positioned to an adjacent address or location	A18NW (N)	679	9	320876 176389
326	**Points of Interest - Manufacturing and Production** Name: Works Location: Not Supplied Category: Industrial Features Class Code: Unspecified Works Or Factories Positional Accuracy: Positioned to an adjacent address or location	A18NW (N)	680	9	320825 176383
326	**Points of Interest - Manufacturing and Production** Name: Works Location: CF24 Category: Industrial Features Class Code: Unspecified Works Or Factories Positional Accuracy: Positioned to an adjacent address or location	A18NW (N)	680	9	320825 176383
326	**Points of Interest - Manufacturing and Production** Name: Works Location: Not Supplied Category: Industrial Features Class Code: Unspecified Works Or Factories Positional Accuracy: Positioned to an adjacent address or location	A18NW (N)	724	9	320858 176432
326	**Points of Interest - Manufacturing and Production** Name: Works Location: CF24 Category: Industrial Features Class Code: Unspecified Works Or Factories Positional Accuracy: Positioned to an adjacent address or location	A18NW (N)	724	9	320858 176432
326	**Points of Interest - Manufacturing and Production** Name: Works Location: Not Supplied Category: Industrial Features Class Code: Unspecified Works Or Factories Positional Accuracy: Positioned to an adjacent address or location	A18NW (N)	748	9	320826 176452
326	**Points of Interest - Manufacturing and Production** Name: Works Location: CF24 Category: Industrial Features Class Code: Unspecified Works Or Factories Positional Accuracy: Positioned to an adjacent address or location	A18NW (N)	749	9	320826 176453
327	**Points of Interest - Manufacturing and Production** Name: Works Location: Not Supplied Category: Industrial Features Class Code: Unspecified Works Or Factories Positional Accuracy: Positioned to an adjacent address or location	A18NW (N)	718	9	320938 176431
327	**Points of Interest - Manufacturing and Production** Name: Works Location: Not Supplied Category: Industrial Features Class Code: Unspecified Works Or Factories Positional Accuracy: Positioned to an adjacent address or location	A18NE (N)	740	9	320972 176452
327	**Points of Interest - Manufacturing and Production** Name: Works Location: CF24 Category: Industrial Features Class Code: Unspecified Works Or Factories Positional Accuracy: Positioned to an adjacent address or location	A18NE (N)	740	9	320972 176452

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
328	**Points of Interest - Manufacturing and Production** Name: Trident Park - EfW Incineration (DECC) Location: Land At Trident Park, Glass Avenue, Cardiff, CF24 5EN Category: Industrial Features Class Code: Energy Production Positional Accuracy: Positioned to address or location	A12SW (W)	727	9	320200 175339
329	**Points of Interest - Manufacturing and Production** Name: Tank Location: CF24 Category: Industrial Features Class Code: Tanks (Generic) Positional Accuracy: Positioned to an adjacent address or location	A12NW (W)	738	9	320197 175870
330	**Points of Interest - Manufacturing and Production** Name: Works (Ready-Mixed Concrete) Location: CF10 Category: Industrial Features Class Code: Unspecified Works Or Factories Positional Accuracy: Positioned to an adjacent address or location	A8SW (S)	743	9	320714 174853
331	**Points of Interest - Manufacturing and Production** Name: Tank Location: CF24 Category: Industrial Features Class Code: Tanks (Generic) Positional Accuracy: Positioned to an adjacent address or location	A18NE (N)	748	9	321205 176411
332	**Points of Interest - Manufacturing and Production** Name: Tank Location: CF24 Category: Industrial Features Class Code: Tanks (Generic) Positional Accuracy: Positioned to an adjacent address or location	A19NW (NE)	751	9	321315 176362
332	**Points of Interest - Manufacturing and Production** Name: Tank Location: CF24 Category: Industrial Features Class Code: Tanks (Generic) Positional Accuracy: Positioned to an adjacent address or location	A19NW (NE)	771	9	321337 176373
333	**Points of Interest - Manufacturing and Production** Name: Tank Location: CF24 Category: Industrial Features Class Code: Tanks (Generic) Positional Accuracy: Positioned to an adjacent address or location	A19NW (NE)	768	9	321319 176380
333	**Points of Interest - Manufacturing and Production** Name: Tank Location: CF24 Category: Industrial Features Class Code: Tanks (Generic) Positional Accuracy: Positioned to an adjacent address or location	A19NW (NE)	788	9	321336 176393
333	**Points of Interest - Manufacturing and Production** Name: Tank Location: CF24 Category: Industrial Features Class Code: Tanks (Generic) Positional Accuracy: Positioned to an adjacent address or location	A19NW (NE)	833	9	321357 176433
333	**Points of Interest - Manufacturing and Production** Name: Works Location: Not Supplied Category: Industrial Features Class Code: Unspecified Works Or Factories Positional Accuracy: Positioned to an adjacent address or location	A19NW (NE)	846	9	321323 176466
333	**Points of Interest - Manufacturing and Production** Name: Tank Location: CF24 Category: Industrial Features Class Code: Tanks (Generic) Positional Accuracy: Positioned to an adjacent address or location	A19NW (NE)	849	9	321367 176445
333	**Points of Interest - Manufacturing and Production** Name: Works Location: CF24 Category: Industrial Features Class Code: Unspecified Works Or Factories Positional Accuracy: Positioned to address or location	A19NW (NE)	877	9	321348 176488

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
333	**Points of Interest - Manufacturing and Production** Name: Works Location: Not Supplied Category: Industrial Features Class Code: Unspecified Works Or Factories Positional Accuracy: Positioned to an adjacent address or location	A19NW (NE)	918	9	321365 176525
334	**Points of Interest - Manufacturing and Production** Name: Tank Location: CF10 Category: Industrial Features Class Code: Tanks (Generic) Positional Accuracy: Positioned to an adjacent address or location	A7SE (SW)	770	9	320620 174853
334	**Points of Interest - Manufacturing and Production** Name: Tank Location: CF10 Category: Industrial Features Class Code: Tanks (Generic) Positional Accuracy: Positioned to address or location	A7SE (S)	788	9	320621 174834
334	**Points of Interest - Manufacturing and Production** Name: Tank Location: CF10 Category: Industrial Features Class Code: Tanks (Generic) Positional Accuracy: Positioned to address or location	A7SE (SW)	818	9	320593 174812
335	**Points of Interest - Manufacturing and Production** Name: Tank Location: CF10 Category: Industrial Features Class Code: Tanks (Generic) Positional Accuracy: Positioned to address or location	A8SW (S)	830	9	320670 174774
335	**Points of Interest - Manufacturing and Production** Name: Tanks Location: CF10 Category: Industrial Features Class Code: Tanks (Generic) Positional Accuracy: Positioned to an adjacent address or location	A8SW (S)	835	9	320638 174778
335	**Points of Interest - Manufacturing and Production** Name: Tank Location: CF10 Category: Industrial Features Class Code: Tanks (Generic) Positional Accuracy: Positioned to address or location	A7SE (S)	838	9	320607 174786
335	**Points of Interest - Manufacturing and Production** Name: Tank Location: CF10 Category: Industrial Features Class Code: Tanks (Generic) Positional Accuracy: Positioned to address or location	A8SW (S)	851	9	320663 174754
335	**Points of Interest - Manufacturing and Production** Name: Tank Location: CF10 Category: Industrial Features Class Code: Tanks (Generic) Positional Accuracy: Positioned to address or location	A8SW (S)	852	9	320623 174765
335	**Points of Interest - Manufacturing and Production** Name: Tank Location: CF10 Category: Industrial Features Class Code: Tanks (Generic) Positional Accuracy: Positioned to address or location	A8SW (S)	859	9	320645 174751
335	**Points of Interest - Manufacturing and Production** Name: Tank Location: CF10 Category: Industrial Features Class Code: Tanks (Generic) Positional Accuracy: Positioned to address or location	A8SW (S)	868	9	320655 174739
335	**Points of Interest - Manufacturing and Production** Name: Tank Location: CF10 Category: Industrial Features Class Code: Tanks (Generic) Positional Accuracy: Positioned to address or location	A8SW (S)	873	9	320635 174740

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
335	**Points of Interest - Manufacturing and Production** Name: Tank Location: CF10 Category: Industrial Features Class Code: Tanks (Generic) Positional Accuracy: Positioned to address or location	A8SW (S)	881	9	320642 174729
335	**Points of Interest - Manufacturing and Production** Name: Tank Location: CF10 Category: Industrial Features Class Code: Tanks (Generic) Positional Accuracy: Positioned to an adjacent address or location	A8SW (S)	887	9	320646 174722
335	**Points of Interest - Manufacturing and Production** Name: Tank Location: CF10 Category: Industrial Features Class Code: Tanks (Generic) Positional Accuracy: Positioned to address or location	A8SW (S)	929	9	320625 174684
335	**Points of Interest - Manufacturing and Production** Name: Tank Location: CF10 Category: Industrial Features Class Code: Tanks (Generic) Positional Accuracy: Positioned to address or location	A8SW (S)	930	9	320635 174680
335	**Points of Interest - Manufacturing and Production** Name: Tank Location: CF10 Category: Industrial Features Class Code: Tanks (Generic) Positional Accuracy: Positioned to address or location	A8SW (S)	934	9	320623 174679
335	**Points of Interest - Manufacturing and Production** Name: Tank Location: CF10 Category: Industrial Features Class Code: Tanks (Generic) Positional Accuracy: Positioned to address or location	A8SW (S)	940	9	320632 174671
335	**Points of Interest - Manufacturing and Production** Name: Tanks Location: CF10 Category: Industrial Features Class Code: Tanks (Generic) Positional Accuracy: Positioned to an adjacent address or location	A7SE (S)	940	9	320616 174675
335	**Points of Interest - Manufacturing and Production** Name: Tank Location: CF10 Category: Industrial Features Class Code: Tanks (Generic) Positional Accuracy: Positioned to address or location	A7SE (S)	948	9	320613 174668
335	**Points of Interest - Manufacturing and Production** Name: Tank Location: CF10 Category: Industrial Features Class Code: Tanks (Generic) Positional Accuracy: Positioned to address or location	A7SE (S)	955	9	320620 174659
335	**Points of Interest - Manufacturing and Production** Name: Tank Location: CF10 Category: Industrial Features Class Code: Tanks (Generic) Positional Accuracy: Positioned to address or location	A8SW (S)	957	9	320639 174651
335	**Points of Interest - Manufacturing and Production** Name: Tanks Location: CF10 Category: Industrial Features Class Code: Tanks (Generic) Positional Accuracy: Positioned to an adjacent address or location	A8SW (S)	962	9	320622 174651
335	**Points of Interest - Manufacturing and Production** Name: Tank Location: CF10 Category: Industrial Features Class Code: Tanks (Generic) Positional Accuracy: Positioned to address or location	A7SE (S)	964	9	320606 174653

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
336	**Points of Interest - Manufacturing and Production** Name: Tank Location: CF24 Category: Industrial Features Class Code: Tanks (Generic) Positional Accuracy: Positioned to an adjacent address or location	A7NW (SW)	840	9	320143 175187
337	**Points of Interest - Manufacturing and Production** Name: Tank Location: CF24 Category: Industrial Features Class Code: Tanks (Generic) Positional Accuracy: Positioned to an adjacent address or location	A19NW (NE)	882	9	321423 176452
338	**Points of Interest - Manufacturing and Production** Name: Tank Location: CF10 Category: Industrial Features Class Code: Tanks (Generic) Positional Accuracy: Positioned to address or location	A8SW (S)	916	9	320770 174667
338	**Points of Interest - Manufacturing and Production** Name: Tanks Location: CF10 Category: Industrial Features Class Code: Tanks (Generic) Positional Accuracy: Positioned to an adjacent address or location	A8SW (S)	931	9	320775 174651
338	**Points of Interest - Manufacturing and Production** Name: Tank Location: CF10 Category: Industrial Features Class Code: Tanks (Generic) Positional Accuracy: Positioned to address or location	A8SW (S)	938	9	320790 174642
338	**Points of Interest - Manufacturing and Production** Name: Tank Location: CF10 Category: Industrial Features Class Code: Tanks (Generic) Positional Accuracy: Positioned to address or location	A8SW (S)	945	9	320726 174644
338	**Points of Interest - Manufacturing and Production** Name: Tank Location: CF10 Category: Industrial Features Class Code: Tanks (Generic) Positional Accuracy: Positioned to address or location	A8SW (S)	945	9	320766 174638
338	**Points of Interest - Manufacturing and Production** Name: Tanks Location: CF10 Category: Industrial Features Class Code: Tanks (Generic) Positional Accuracy: Positioned to an adjacent address or location	A8SW (S)	950	9	320728 174639
338	**Points of Interest - Manufacturing and Production** Name: Tank Location: CF10 Category: Industrial Features Class Code: Tanks (Generic) Positional Accuracy: Positioned to address or location	A8SW (S)	951	9	320719 174639
338	**Points of Interest - Manufacturing and Production** Name: Tank Location: CF10 Category: Industrial Features Class Code: Tanks (Generic) Positional Accuracy: Positioned to address or location	A3NW (S)	966	9	320780 174615
338	**Points of Interest - Manufacturing and Production** Name: Tank Location: CF10 Category: Industrial Features Class Code: Tanks (Generic) Positional Accuracy: Positioned to address or location	A3NW (S)	968	9	320733 174620
338	**Points of Interest - Manufacturing and Production** Name: Tanks Location: CF10 Category: Industrial Features Class Code: Tanks (Generic) Positional Accuracy: Positioned to an adjacent address or location	A3NW (S)	971	9	320753 174614

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
339	**Points of Interest - Manufacturing and Production** Name: Seaview Industrial Estate Location: CF24 Category: Industrial Features Class Code: Business Parks and Industrial Estates Positional Accuracy: Positioned to an adjacent address or location	A17SW (NW)	935	9	320080 176092
340	**Points of Interest - Manufacturing and Production** Name: Tank Location: CF24 Category: Industrial Features Class Code: Tanks (Generic) Positional Accuracy: Positioned to an adjacent address or location	A17SW (NW)	941	9	320152 176230
340	**Points of Interest - Manufacturing and Production** Name: Splott Industrial Estate Location: CF24 Category: Industrial Features Class Code: Business Parks and Industrial Estates Positional Accuracy: Positioned to an adjacent address or location	A17SW (NW)	948	9	320167 176264
341	**Points of Interest - Manufacturing and Production** Name: Works Location: CF24 Category: Industrial Features Class Code: Unspecified Works Or Factories Positional Accuracy: Positioned to an adjacent address or location	A19NW (NE)	958	9	321513 176484
341	**Points of Interest - Manufacturing and Production** Name: Works Location: Not Supplied Category: Industrial Features Class Code: Unspecified Works Or Factories Positional Accuracy: Positioned to an adjacent address or location	A19NW (NE)	961	9	321518 176484
342	**Points of Interest - Manufacturing and Production** Name: Tank Location: CF10 Category: Industrial Features Class Code: Tanks (Generic) Positional Accuracy: Positioned to address or location	A7SE (S)	978	9	320591 174643
342	**Points of Interest - Manufacturing and Production** Name: Tank Location: CF10 Category: Industrial Features Class Code: Tanks (Generic) Positional Accuracy: Positioned to address or location	A2NE (S)	991	9	320604 174626
343	**Points of Interest - Public Infrastructure** Name: Action Recycling Ltd Location: Unit 6 Martin Road, Tremorfa Industrial Estate, Tremorfa, Cardiff, CF24 5SD Category: Infrastructure and Facilities Class Code: Recycling Centres Positional Accuracy: Positioned to address or location	A13NE (N)	66	9	320989 175760
344	**Points of Interest - Public Infrastructure** Name: Coffer Dam Location: CF10 Category: Water Class Code: Weirs, Sluices and Dams Positional Accuracy: Positioned to an adjacent address or location	A13SW (S)	74	9	320911 175505
344	**Points of Interest - Public Infrastructure** Name: Main Sewer Outfall Location: CF10 Category: Infrastructure and Facilities Class Code: Waste Storage, Processing and Disposal Positional Accuracy: Positioned to an adjacent address or location	A13SW (S)	141	9	320951 175445
345	**Points of Interest - Public Infrastructure** Name: Cleanaway Ltd Location: Rover Way, Cardiff, CF24 2RX Category: Infrastructure and Facilities Class Code: Waste Storage, Processing and Disposal Positional Accuracy: Positioned to address or location	A18SE (NE)	465	9	321165 176118
346	**Points of Interest - Public Infrastructure** Name: Slag Heap Location: CF24 Category: Infrastructure and Facilities Class Code: Refuse Disposal Facilities Positional Accuracy: Positioned to an adjacent address or location	A19SW (NE)	618	9	321372 176165

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
347	**Points of Interest - Public Infrastructure** Name: Moorland Environmental Ltd Location: Unit 43, Portmanmoor Road Industrial Estate, Cardiff, CF24 5HB Category: Infrastructure and Facilities Class Code: Waste Storage, Processing and Disposal Positional Accuracy: Positioned to address or location	A17SE (NW)	638	9	320451 176125
348	**Points of Interest - Public Infrastructure** Name: Acis Location: 95 96 Portmanmoor Rd Ind Est, Cardiff, South Glamorgan, CF24 5HB Category: Public Transport, Stations and Infrastructure Class Code: Bus and Coach Stations, Depots and Companies Positional Accuracy: Positioned to address or location	A12NW (W)	694	9	320232 175835
348	**Points of Interest - Public Infrastructure** Name: Acis Location: Unit 95-96, Portmanmoor Road Industrial Estate, Cardiff, CF24 5HB Category: Public Transport, Stations and Infrastructure Class Code: Bus and Coach Stations, Depots and Companies Positional Accuracy: Positioned to address or location	A12NW (W)	705	9	320225 175851
349	**Points of Interest - Public Infrastructure** Name: Biffa Waste Services Ltd Location: Nationwide Works, Viking Place, Cardiff, CF10 4TS Category: Infrastructure and Facilities Class Code: Waste Storage, Processing and Disposal Positional Accuracy: Positioned to address or location	A8SW (S)	773	9	320786 174810
350	**Points of Interest - Public Infrastructure** Name: Seaport Environmental Location: Clipper Road, Roath Dock, Cardiff, CF10 4LX Category: Infrastructure and Facilities Class Code: Waste Storage, Processing and Disposal Positional Accuracy: Positioned to address or location	A7SE (SW)	775	9	320449 174937
350	**Points of Interest - Public Infrastructure** Name: Seaport Environmental Location: Clipper Road, Roath Dock, Cardiff, CF10 4LX Category: Infrastructure and Facilities Class Code: Recycling Centres Positional Accuracy: Positioned to address or location	A7SE (SW)	775	9	320449 174937
351	**Points of Interest - Public Infrastructure** Name: Cleanaway Ltd Location: Rover Way, Cardiff, CF24 5UX Category: Infrastructure and Facilities Class Code: Waste Storage, Processing and Disposal Positional Accuracy: Positioned to address or location	A19NW (NE)	852	9	321459 176392
352	**Points of Interest - Public Infrastructure** Name: Waste Recycling Centre Location: Not Supplied Category: Infrastructure and Facilities Class Code: Recycling Centres Positional Accuracy: Positioned to an adjacent address or location	A8SW (S)	863	9	320831 174714
352	**Points of Interest - Public Infrastructure** Name: Waste Recycling Centre Location: Rover Way, CF10 Category: Infrastructure and Facilities Class Code: Recycling Centres Positional Accuracy: Positioned to address or location	A8SW (S)	864	9	320826 174714

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
353	**Ramsar Sites** Name: Severn Estuary (Wales) Multiple Areas: Y Total Area (m2): 68891898.01 Source: Natural Resources Wales Reference: UK11081 Designation Date: 13th July 1995	A13SW (S)	75	3	320957 175499
354	**Sites of Special Scientific Interest** Name: Severn Estuary Multiple Areas: Y Total Area (m2): 68537733.72 Source: Natural Resources Wales Reference: 46133wgx Designation Details: Biological Designation Date: 1st January 1976 Date Type: Notified	A13SW (S)	75	3	320957 175499
355	**Special Areas of Conservation** Name: Severn Estuary (Wales) Multiple Areas: N Total Area (m2): 267698780.64 Source: Natural Resources Wales Reference: UK0013030 **Status: Designated**	A13SW (S)	75	3	320957 175499
356	**Special Protection Areas** Name: Severn Estuary (Wales) Multiple Areas: Y Total Area (m2): 68891897.65 Source: Natural Resources Wales Reference: UK9015022 Designation Date: 11th July 1995	A13SW (S)	75	3	320957 175499

Agency & Hydrological	Version	Update Cycle
Contaminated Land Register Entries and Notices		
Vale Of Glamorgan County Borough Council - Environmental Health Department	April 2014	Annual Rolling Update
Newport City Council - Public Protection and Environmental Services	January 2015	Annual Rolling Update
Cardiff Council - Pollution Control Division	September 2014	Annual Rolling Update
Discharge Consents		
Environment Agency - Welsh Region	August 2014	Quarterly
Natural Resources Wales	November 2016	Quarterly
Enforcement and Prohibition Notices		
Environment Agency - Welsh Region	March 2013	As notified
Integrated Pollution Controls		
Environment Agency - Welsh Region	October 2008	Not Applicable
Integrated Pollution Prevention And Control		
Environment Agency - Welsh Region	January 2017	Quarterly
Natural Resources Wales	November 2016	Quarterly
Local Authority Integrated Pollution Prevention And Control		
Newport City Council - Public Protection and Environmental Services	June 2014	Annual Rolling Update
Vale Of Glamorgan County Borough Council - Environmental Health Department	June 2014	Annual Rolling Update
Cardiff Council - Pollution Control Division	March 2016	Annual Rolling Update
Local Authority Pollution Prevention and Controls		
Newport City Council - Public Protection and Environmental Services	June 2014	Annual Rolling Update
Vale Of Glamorgan County Borough Council - Environmental Health Department	June 2014	Annual Rolling Update
Cardiff Council - Pollution Control Division	March 2016	Annual Rolling Update
Local Authority Pollution Prevention and Control Enforcements		
Newport City Council - Public Protection and Environmental Services	June 2014	Annual Rolling Update
Vale Of Glamorgan County Borough Council - Environmental Health Department	June 2014	Annual Rolling Update
Cardiff Council - Pollution Control Division	March 2016	Annual Rolling Update
Nearest Surface Water Feature		
Ordnance Survey	July 2012	Quarterly
Pollution Incidents to Controlled Waters		
Environment Agency - Welsh Region	December 1998	Not Applicable
Prosecutions Relating to Authorised Processes		
Environment Agency - Welsh Region	March 2013	As notified
Natural Resources Wales	March 2013	As notified
Prosecutions Relating to Controlled Waters		
Environment Agency - Welsh Region	March 2013	As notified
Natural Resources Wales	March 2013	As notified
River Quality		
Environment Agency - Head Office	November 2001	Not Applicable
Substantiated Pollution Incident Register		
Environment Agency Wales - South East Area	January 2017	Quarterly
Natural Resources Wales	July 2016	Quarterly
Water Abstractions		
Natural Resources Wales	April 2016	Quarterly
Environment Agency - Welsh Region	October 2016	Quarterly
Water Industry Act Referrals		
Environment Agency - Welsh Region	January 2017	Quarterly
Natural Resources Wales	October 2015	Quarterly
Groundwater Vulnerability		
Environment Agency - Head Office	April 2015	Not Applicable
Bedrock Aquifer Designations		
British Geological Survey - National Geoscience Information Service	August 2015	As notified

Agency & Hydrological	Version	Update Cycle
Superficial Aquifer Designations British Geological Survey - National Geoscience Information Service	August 2015	As notified
Source Protection Zones Natural Resources Wales	November 2016	Quarterly
Extreme Flooding from Rivers or Sea without Defences Natural Resources Wales	November 2016	Quarterly
Flooding from Rivers or Sea without Defences Natural Resources Wales	November 2016	Quarterly
Areas Benefiting from Flood Defences Natural Resources Wales	February 2017	Quarterly
Flood Water Storage Areas Natural Resources Wales	February 2017	Quarterly
Flood Defences Natural Resources Wales	November 2016	Quarterly
Detailed River Network Lines Environment Agency - Head Office	September 2014	Annually
Detailed River Network Offline Drainage Environment Agency - Head Office	March 2012	Annually
Surface Water 1 in 30 year Flood Extent Natural Resources Wales	October 2013	As notified
Surface Water 1 in 100 year Flood Extent Natural Resources Wales	October 2013	As notified
Surface Water 1 in 1000 year Flood Extent Natural Resources Wales	October 2013	As notified
Surface Water Suitability Natural Resources Wales	October 2013	As notified
BGS Groundwater Flooding Susceptibility British Geological Survey - National Geoscience Information Service	May 2013	Annually

Waste	Version	Update Cycle
BGS Recorded Landfill Sites		
British Geological Survey - National Geoscience Information Service	June 1996	Not Applicable
Historical Landfill Sites		
Natural Resources Wales	January 2017	Quarterly
Integrated Pollution Control Registered Waste Sites		
Environment Agency - Welsh Region	October 2008	Not Applicable
Licensed Waste Management Facilities (Landfill Boundaries)		
Environment Agency Wales - South East Area	August 2016	Quarterly
Natural Resources Wales	August 2016	Quarterly
Licensed Waste Management Facilities (Locations)		
Environment Agency Wales - South East Area	January 2017	Quarterly
Natural Resources Wales	October 2015	Quarterly
Local Authority Landfill Coverage		
Cardiff Council	May 2000	Not Applicable
Newport City Council	May 2000	Not Applicable
Vale Of Glamorgan County Borough Council	May 2000	Not Applicable
Local Authority Recorded Landfill Sites		
Cardiff Council	May 2000	Not Applicable
Newport City Council	May 2000	Not Applicable
Vale Of Glamorgan County Borough Council	May 2000	Not Applicable
Potentially Infilled Land (Non-Water)		
Landmark Information Group Limited	December 1999	Not Applicable
Potentially Infilled Land (Water)		
Landmark Information Group Limited	December 1999	Not Applicable
Registered Landfill Sites		
Environment Agency Wales - South East Area	March 2003	Not Applicable
Registered Waste Transfer Sites		
Environment Agency Wales - South East Area	March 2003	Not Applicable
Registered Waste Treatment or Disposal Sites		
Environment Agency Wales - South East Area	March 2003	Not Applicable
Hazardous Substances	**Version**	**Update Cycle**
Control of Major Accident Hazards Sites (COMAH)		
Health and Safety Executive	July 2016	Bi-Annually
Explosive Sites		
Health and Safety Executive	September 2016	Bi-Annually
Notification of Installations Handling Hazardous Substances (NIHHS)		
Health and Safety Executive	November 2000	Not Applicable
Planning Hazardous Substance Enforcements		
Vale Of Glamorgan County Borough Council - Planning Department	January 2016	Annual Rolling Update
Cardiff Council - Regulatory Services	October 2015	Annual Rolling Update
Newport City Council - Planning Department	October 2015	Annual Rolling Update
Planning Hazardous Substance Consents		
Vale Of Glamorgan County Borough Council - Planning Department	January 2016	Annual Rolling Update
Cardiff Council - Regulatory Services	October 2015	Annual Rolling Update
Newport City Council - Planning Department	October 2015	Annual Rolling Update

Geological	Version	Update Cycle
BGS 1:625,000 Solid Geology British Geological Survey - National Geoscience Information Service	January 2009	Not Applicable
BGS Estimated Soil Chemistry British Geological Survey - National Geoscience Information Service	October 2015	As notified
BGS Recorded Mineral Sites British Geological Survey - National Geoscience Information Service	October 2016	Bi-Annually
BGS Urban Soil Chemistry British Geological Survey - National Geoscience Information Service	October 2015	As notified
BGS Urban Soil Chemistry Averages British Geological Survey - National Geoscience Information Service	October 2015	As notified
Coal Mining Affected Areas The Coal Authority - Property Searches	March 2014	As notified
Mining Instability Ove Arup & Partners	October 2000	Not Applicable
Non Coal Mining Areas of Great Britain British Geological Survey - National Geoscience Information Service	May 2015	Not Applicable
Potential for Collapsible Ground Stability Hazards British Geological Survey - National Geoscience Information Service	June 2015	Annually
Potential for Compressible Ground Stability Hazards British Geological Survey - National Geoscience Information Service	June 2015	Annually
Potential for Ground Dissolution Stability Hazards British Geological Survey - National Geoscience Information Service	June 2015	Annually
Potential for Landslide Ground Stability Hazards British Geological Survey - National Geoscience Information Service	June 2015	Annually
Potential for Running Sand Ground Stability Hazards British Geological Survey - National Geoscience Information Service	June 2015	Annually
Potential for Shrinking or Swelling Clay Ground Stability Hazards British Geological Survey - National Geoscience Information Service	June 2015	Annually
Radon Potential - Radon Affected Areas British Geological Survey - National Geoscience Information Service	July 2011	As notified
Radon Potential - Radon Protection Measures British Geological Survey - National Geoscience Information Service	July 2011	As notified

Industrial Land Use	Version	Update Cycle
Contemporary Trade Directory Entries Thomson Directories	January 2017	Quarterly
Fuel Station Entries Catalist Ltd - Experian	November 2016	Quarterly
Gas Pipelines National Grid	July 2014	Quarterly
Points of Interest - Commercial Services PointX	December 2016	Quarterly
Points of Interest - Education and Health PointX	December 2016	Quarterly
Points of Interest - Manufacturing and Production PointX	December 2016	Quarterly
Points of Interest - Public Infrastructure PointX	December 2016	Quarterly
Points of Interest - Recreational and Environmental PointX	December 2016	Quarterly
Underground Electrical Cables National Grid	December 2015	Bi-Annually

Sensitive Land Use	Version	Update Cycle
Ancient Woodland		
Natural Resources Wales	January 2014	Bi-Annually
Areas of Adopted Green Belt		
Cardiff Council	February 2017	As notified
Newport City Council	February 2017	As notified
Areas of Unadopted Green Belt		
Cardiff Council	February 2017	As notified
Newport City Council	February 2017	As notified
Areas of Outstanding Natural Beauty		
Natural Resources Wales	January 2017	Bi-Annually
Environmentally Sensitive Areas		
The National Assembly for Wales - GI Services (Department of Planning & Countryside)	January 2017	Annually
Forest Parks		
Forestry Commission	April 1997	Not Applicable
Local Nature Reserves		
Cardiff Council	January 2017	Bi-Annually
Newport City Council	January 2017	Bi-Annually
Vale Of Glamorgan County Borough Council	January 2017	Bi-Annually
Marine Nature Reserves		
Natural Resources Wales	January 2017	Bi-Annually
National Nature Reserves		
Natural Resources Wales	January 2017	Bi-Annually
National Parks		
Natural Resources Wales	February 2017	Annually
Nitrate Sensitive Areas		
Department for Environment, Food and Rural Affairs (DEFRA - formerly FRCA)	April 2016	Not Applicable
Nitrate Vulnerable Zones		
The National Assembly for Wales - GI Services (Department of Planning & Countryside)	October 2005	Annually
Ramsar Sites		
Natural Resources Wales	January 2017	Bi-Annually
Sites of Special Scientific Interest		
Natural Resources Wales	January 2017	Bi-Annually
Special Areas of Conservation		
Natural Resources Wales	January 2017	Bi-Annually
Special Protection Areas		
Natural Resources Wales	January 2017	Bi-Annually

Data Suppliers

A selection of organisations who provide data within this report

Data Supplier	Data Supplier Logo
Ordnance Survey	
Environment Agency	
Scottish Environment Protection Agency	
The Coal Authority	
British Geological Survey	
Centre for Ecology and Hydrology	
Natural Resources Wales	
Scottish Natural Heritage	
Natural England	
Public Health England	
Ove Arup	
Peter Brett Associates	

Useful Contacts

Contact	Name and Address	Contact Details
2	**British Geological Survey - Enquiry Service** British Geological Survey, Kingsley Dunham Centre, Keyworth, Nottingham, Nottinghamshire, NG12 5GG	Telephone: 0115 936 3143 Fax: 0115 936 3276 Email: enquiries@bgs.ac.uk Website: www.bgs.ac.uk
3	**Natural Resources Wales** Ty Cambria, 29 Newport Road, Cardiff, CF24 0TP	Telephone: 0300 065 3000 Email: enquiries@naturalresourceswales.gov.uk
4	**Environment Agency - National Customer Contact Centre (NCCC)** PO Box 544, Templeborough, Rotherham, S60 1BY	Telephone: 03708 506 506 Email: enquiries@environment-agency.gov.uk
5	**Cardiff Council - Pollution Control Division** Regulatory Services, City Hall, Cardiff, Mid Glamorgan, CF10 3ND	Telephone: 029 20872000 Fax: 01222 873212 Website: www.cardiff.gov.uk
6	**Cardiff Council** County Hall, Atlantic Wharf, Cardiff, Mid Glamorgan, CF1 5UW	Telephone: 029 2087 2000 Fax: 029 2087 3212 Website: www.cardiff.gov.uk
7	**Health and Safety Executive** 5S.2 Redgrave Court, Merton Road, Bootle, L20 7HS	Website: www.hse.gov.uk
8	**Cardiff Council - Regulatory Services** Room 158, City Hall, Cardiff, Mid Glamorgan, CF10 3ND	Telephone: 029 20872429 Fax: 029 2087 2597 Website: www.cardiff.gov.uk
9	**PointX** 7 Abbey Court, Eagle Way, Sowton, Exeter, Devon, EX2 7HY	Website: www.pointx.co.uk
-	**Public Health England - Radon Survey, Centre for Radiation, Chemical and Environmental Hazards** Chilton, Didcot, Oxfordshire, OX11 0RQ	Telephone: 01235 822622 Fax: 01235 833891 Email: radon@phe.gov.uk Website: www.ukradon.org
-	**Landmark Information Group Limited** Imperium, Imperial Way, Reading, Berkshire, RG2 0TD	Telephone: 0844 844 9952 Fax: 0844 844 9951 Email: customerservices@landmarkinfo.co.uk Website: www.landmarkinfo.co.uk

Please note that the Environment Agency / Natural Resources Wales / SEPA have a charging policy in place for enquiries.

APPENDIX 4

Photographs



Photograph 1 – Entrance to Assessment Site from Martin Road



Photograph 2 – View through the entrance to the Assessment Site looking south east

RPS

2420 The Quadrant, Aztec West, Almondsbury, Bristol, BS32 4AQ

T: +44(0)1454 853 000 E: rpssw@rpsgroup.com F: +44(0)1454 205 820

Client:	Sims Group UK Ltd		
Project :	Tremorfa Industrial Estate, Cardiff		
Job Ref:	Checked By:	Date:	
JER6108	Daniel James	12/04/17	



Photograph 3 – View of Martin Road and adjacent industrial properties.



Photograph 4 – Several services adjacent to the Assessment Site entrance

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Job Ref:	Checked By:	Date:	
JER6108	Daniel James	12/04/17	



Photograph 5 - Tarmacadam road through the centre of the Assessment Site, overgrown shrubs and litter along northern boundary



Photograph 6 – Several shipping containers, temporary buildings, litter and processed slag on the Assessment Site

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Client:	Sims Group UK Ltd		
Project :	Tremorfa Industrial Estate, Cardiff		
Job Ref:	Checked By:	Date:	
JER6108	Daniel James	12/04/17	



Photograph 7 – Shipping container and dumped waste material on the Assessment Site



Photograph 8 – The Assessment Site north east boundary and neighbouring industrial buildings

RPS

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Client:	Sims Group UK Ltd		
Project :	Tremorfa Industrial Estate, Cardiff		
Job Ref:	Checked By:	Date:	
JER6108	Daniel James	12/04/17	



Photograph 9 – The Assessment Site north west boundary



Photograph 10 – Skip and litter scattered the Assessment Site

RPS

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Client:	Sims Group UK Ltd		
Project :	Tremorfa Industrial Estate, Cardiff		
Job Ref:	Checked By:	Date:	
JER6108	Daniel James	12/04/17	



Photograph 11 – Above ground water pipes at Assessment Site northern boundary



Photograph 12 – Site boundary, cobbles, processed slag and fly tipped radiators on the Assessment Site

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Client:	Sims Group UK Ltd		
Project :	Tremorfa Industrial Estate, Cardiff		
Job Ref:	Checked By:	Date:	
JER6108	Daniel James	12/04/17	



Photograph 13 – Tarmac central road, processed slag, remnant structures and moss growth at the Assessment Site



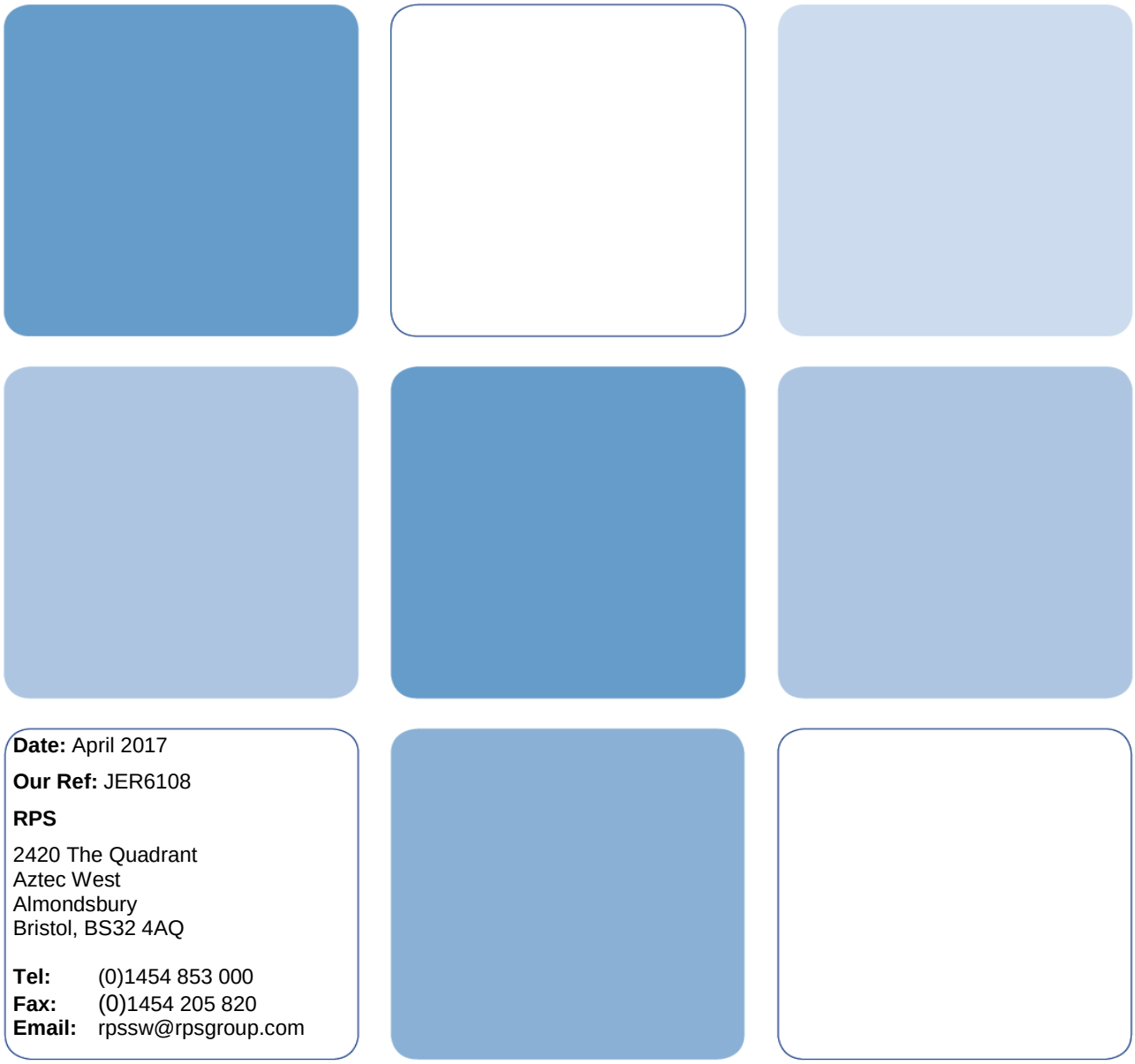
Photograph 14 – Tarmac central road , skip and storage containers looking east across the Assessment Site

Ground Investigation Interpretive Report

Tremorfa Industrial Estate, Cardiff

On Behalf of

Sims Group UK Ltd



Date: April 2017

Our Ref: JER6108

RPS

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Quality Management

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Amendment Record

Revision No.	Date	Reason for Change	Authors Initials

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JER6108-SI-T001A	Investigation Locations

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Appendix 2	Gas and Groundwater Monitoring Results
Appendix 3	Laboratory Analytical Results
Appendix 4	Site Photographs

1 Introduction

1.1 Background

1.1.1 RPS Planning and Development (RPS) was commissioned by Sims Group UK Ltd (herein referred to as "the Client") to undertake a Phase II intrusive site investigation and assessment on a site known as Unit 6, Tremorfa Industrial Estate, Cardiff (herein referred to as the 'Assessment Site'). The works are required to determine the extent of ground contamination at the Assessment Site in support of the client's purchase of the site and to determine the baseline contaminant conditions. Additionally, whilst not the primary objective, the report will be suitable to support the initial stages of planning. Following purchase by the client, it is understood that the Assessment Site will be used for a commercial end use. The Assessment Site extents are detailed upon *Drawing JER6108-T-001*.

1.1.2 The site investigation has been undertaken to establish the physical ground conditions and the presence or otherwise of ground gas, ground contamination and groundwater contamination associated with the historical activities undertaken upon and adjacent to the Assessment Site. The factual information collected will be used to evaluate soil / groundwater properties, identify any risks posed by the contamination status of soils and groundwater, and undertake an assessment of ground gas.

1.2 Site Description

1.2.1 Unit 6 Tremorfa Industrial Estate Site comprises of a parcel of land approximately 0.94 ha in size which is located in South Cardiff at national grid reference 320958 175622. The Assessment Site is currently an unutilised area of rough gravel surfacing with a tarmac hardstanding access road, which contains a number of damaged temporary buildings owned by the current property owner (Clarks Modular Buildings). It is understood that all temporary structures will be removed if the site purchase by the client is completed.

The surrounding area consists predominantly of industrial development with operations, which include a scrap yard, a vehicle repair garage, reclamation yard, sewage works and taxi business. Photographs detailing the Assessment Site and surrounding area are presented within *Appendix 4*.

1.3 Proposed Development

1.3.1 At present, we have not been provided with a proposed site layout if the purchase is successful but understand that the Assessment Site will be laid to hardstanding and will have limited structures.

1.4 Objectives

1.4.1 The objectives of this intrusive site investigation and assessment are to:

- Identify the potential risks posed from on-site contamination present in soil and groundwater to human health and controlled water receptors;
- Identify the potential risks posed from ground gas underlying the Assessment Site to proposed structures; and
- Where contamination risks are identified, provide recommendations for further works and remedial measures to facilitate development of the Assessment Site.

1.4.2 The information generated in support of these objectives will also be suitable to establish the baseline levels of contamination at the Assessment Site.

1.5 Report Structure

1.5.1 The remainder of the report is structured as follows:

Section 2: Preliminary Conceptual Site Model;

Section 3: Ground Investigation and Survey Methodology;

Section 4: Ground Investigation Field Results;

Section 5: Chemical Laboratory Analytical Results;

Section 6: Refined Conceptual Site Model;

Section 7: Human Health Risk Assessment;

Section 8: Controlled Waters Appraisal;

Section 9: Ground Gas Risk Assessment; and

Section 10: Conclusions and Recommendations.

1.6 Limitations

1.6.1 The scope of intrusive ground investigation works has been defined based upon the information contained within our Phase 1 Preliminary Site Assessment (*Ref. 1).*

1.6.2 The areas investigated have been selected to provide a representative understanding of the ground conditions at the Assessment Site. Where possible the investigation locations have targeted known or suspected areas of contamination. It should however be noted that investigation in parts of the Assessment Site could not be undertaken due to:

- The presence of a high voltage electricity cable adjacent to the Assessment Site entrance.

1.6.3 The presence of the high voltage cable is detailed upon *Drawing JER6108-T-001*.

2 Preliminary Conceptual Site Model

2.1 Introduction

2.1.1 A preliminary Conceptual Site Model (CSM) is detailed below that qualitatively assesses potential contamination sources, receptors, potential pollutants and associated pollutant linkages based on the proposed commercial / industrial end use of the Assessment Site. The preliminary CSM is as presented within the Phase 1 Environmental Site Assessment, dated 12th April 2017.

Summary of Potential Contamination Sources

2.1.2 The potential on-site contamination sources at the Assessment Site are detailed below:

- Potential chemical contamination of soils and groundwater associated with on-site historical industrial activities (slag reprocessing works, former landfills, historical mineral railway and infilled pond); and
- Potential ground gas generation associated with the Made Ground (slag reprocessing works, infilled ponds and former off site landfills).

2.1.3 The potential contamination from off-site sources at the Assessment Site are detailed below:

- Potential hydrocarbon contamination of soils and groundwater associated with off-site historical industrial activities (steel works, copper works and several railways); and
- Potential ground gas generation associated with off-site sources (historic landfills and areas of Made Ground).

2.1.4 Potential receptors of contamination from the Assessment Site include:

- Future site end users;
- Underlying Secondary B Aquifer:
- Severn Estuary; and
- Surface waters (Bristol Channel) located approximately 100 m south of the Assessment Site.

2.2 Potential Pollutant Linkages

2.2.1 *Table 2-1* below details the potential pollutant linkages at the Assessment Site, taking into account each of the contamination sources, pathways and receptors identified, and provides an indication of the risk level relevant to each linkage.

Table 2-1: Summary of Potential Pollutant Linkages for Preliminary CSM

Contamination Source (Current and Historical land use)	Exposure Pathway	Receptor	Qualitative Assessment of Risk	Rationale
On-site: Reprocessed slag materials within Made Ground	Migration of leachable contaminants vertically into groundwater	Groundwater	Low	The groundwater setting is considered to be of low sensitivity. The underlying superficial and bedrock deposits are classified as Secondary Aquifers (undifferentiated) and a Secondary (B) Aquifer respectively
	Migration of leachable contaminants vertically into groundwater and subsequent horizontal migration into surface water	Surface Water	Low	There is no identified surface water present on the Assessment Site. The Severn Estuary and Bristol Channel are located in excess of 75m south of the site. It is not deemed that there is a discernible risk of the contaminants within the Made Ground contaminating surface water bodies.
	Dermal contact, inhalation / ingestion of dust.	Future Site Users	Low	The site walkover has determined that the site is surfaced with tarmac hardstanding and compacted gravel, which limits the possibility of interaction with potential contaminants within the Made Ground.

Contamination Source (Current and Historical land use)	Exposure Pathway	Receptor	Qualitative Assessment of Risk	Rationale
	Inhalation of gas and risk of explosion	Future Site Users and Property	Low	The Made Ground and infilled pond are considered a potential source of ground gas. Further investigation is required to determine the composition of Made Ground materials.
Hydrocarbon Contamination within Made Ground associated with historical mineral railway	Migration of leachable contaminants vertically into groundwater	Groundwater	Low	It is anticipated that if hydrocarbon contamination is present within the Made Ground, that this contamination would have ceased to migrate vertically given the period since the mineral railway was dismantled.
	Migration of leachable contaminants horizontally into surface water	Surface water	Low	The nearest surface water feature is in excess of 74m south of the Assessment Site. Without an ongoing source, it is anticipated there is no further migration towards surface water features.
	Dermal contact, inhalation / ingestion of dust.	Future site users	Low	There is the potential that site workers would be exposed to metals, hydrocarbon or asbestos contamination within Made Ground during redevelopment, although this is considered to be low.
UXO Risk from historical rifle range	Exposure of UXO during redevelopment	Future Site Users and Property	Low	The northern portion of the Assessment Site is recorded on historical map extracts as falling within a rifle range. Given the redevelopment of the Assessment Site the potential for UXO to be encountered is considered to be low.

Contamination Source (Current and Historical land use)	Exposure Pathway	Receptor	Qualitative Assessment of Risk	Rationale
Off-Site: – Neighbouring land uses	Migration of leachate from historic off site landfill.	Groundwater	Low	Due to reported inert nature of the historic landfilled materials, it is not anticipated that leachate would be generated in sufficient quantities that would pose a risk to groundwater. The closest (1 m south-east) accepts inert, non-hazardous and non-toxic waste. The other two are 70m and 71m East, both accepting iron, steel and slag manufacturing waste.
	Inhalation of vapours from contaminated groundwater migrating beneath the Assessment Site	Future Site Users	Low	Groundwater flows beneath the Assessment Site within the superficial and bedrock deposits. It is unlikely that a significant volume of groundwater will be exposed and any residual contamination is unlikely to be volatile.
	Migration of ground gas onto site and subsequent inhalation and or explosion	Future Site Users	Low	The proposed end use of the Assessment Site is considered of low sensitivity with respect to ground gas. The historic landfill sites are considered a potential source of ground gas, however given the inert nature of the landfilled material, it is considered that contamination from the migration of ground gas will be minimal.

3 Ground Investigation Methodology

3.1 Introduction

3.1.1 The intrusive ground investigation comprised the advancement of rotary boreholes, machine excavated trial pits and a subsequent gas and groundwater monitoring.

3.1.2 The detailed scope of works relating to each element of the ground investigation and the methodologies followed during implementation of these works are presented within the remainder of this section.

3.2 Intrusive Investigation Works

3.2.1 The intrusive ground investigation was undertaken between 20th and 23rd of March 2017, with subsequent gas and groundwater monitoring being undertaken on 31st March 2017.

3.2.2 The investigation works were undertaken in general accordance with current guidance advocated by regulatory authorities, including BSI0175:2011 Code of Practice for Investigation of Potentially Contaminated Sites (*Ref. 2*) and BS5930 - 2010 Code of Practice for Site Investigations (*Ref. 3*).

Exploratory Locations

3.2.3 The exploratory hole locations are shown on *Drawing JER6108-T-001* together with the potential contamination sources at the Assessment Site. The density of the investigation locations was selected taking consideration the previous uses of the Assessment Site, the proposed redevelopment and the preliminary nature of the investigation.

Service Surveys

3.2.4 Prior to the commencement of intrusive works, RPS undertook a services scan to determine if there were additional services, absent from the available service plans that migrated through the site boundary. Site service plans detailing the approximate locations of services were referenced prior to the commencement of the investigation works to minimise the risk to buried services. Additionally, cable avoidance tools were utilised at the location of all intrusive works prior to breaking ground. The migratory direction of positively identified services was marked at surface to give clear warning of their presence before breaking ground.

3.3 Investigation Techniques

Rotary Borehole Drilling

3.3.1 A total of 3 boreholes (BH1 to BH3) were advanced across the Assessment Site using a rotary boring technique (Comacchio). Boreholes were advanced to a maximum depth of 15.0 meters below Ground Level (mbGL).

3.3.2 All three borehole locations were installed with a deep 50 mm groundwater and gas monitoring installation and a shallow 19 mm ground gas monitoring installation targeting the Made Ground. The borehole screens were constructed at a depth in order to facilitate subsequent sampling and monitoring of ground gas and groundwater from the identified lithology.

3.3.3 Each installation was finished at ground level with a low permeability grout seal and concrete sealed 'flush' borehole cover. Each borehole was fitted with a gas tap and bung to allow monitoring of the ground gas regime beneath the Assessment Site. The borehole logs are provided in *Appendix 1.*

Machine Excavated Trial Pits

3.3.4 A total of 12 machine excavated trial pits (TP1 to TP12) were advanced across the Assessment Site using a mechanical excavator (JCB 360x). Trenches were advanced through the Made Ground to a maximum depth of 2.0 mbGL where they refused.

3.3.5 Upon completion, each trial pit location was backfilled with arisings and compacted using the excavator.

3.4 Field Testing, Sampling and Monitoring

Soil Sampling

Chemical

3.4.1 Representative soil samples were collected at each exploratory location during the intrusive works. During the collection of representative soils samples, there were no areas noted that were deemed to contain visual or olfactory evidence of contamination.

3.4.2 Samples were placed into laboratory supplied containers which were then packed into cool boxes and kept at a nominal temperature of +4°C ± 2°C by the use of ice packs. The samples were then dispatched for analysis to a United Kingdom Accreditation Service (UKAS) accredited laboratory, Environmental Scientifics Laboratories in Burton-Upon-Trent, together with appropriate chain of custody documentation.

Ground Gas Monitoring

3.4.3 One ground gas monitoring round was undertaken on the 31st March 2017, following completion of the intrusive site investigation works. In advance of measuring land gas concentrations and flow rates, a PID was used to determine concentrations of Volatile Organic Compounds (VOCs) being released from the monitoring wells. Following the measurement of VOCs a gas box was used to determine peak and stabilised flow rates and concentrations of oxygen (O_2), carbon dioxide (CO_2) and methane (CH_4) within each monitoring well. Differential pressures, carbon monoxide (CO) and hydrogen sulphide (H_2S) were also recorded together with atmospheric pressures. These works were completed prior to the groundwater sampling described in paragraphs *3.4.4* to *3.4.5.*

Groundwater Level Monitoring and Sampling

3.4.4 Groundwater monitoring was undertaken on 31st March 2017. The depth of the water table was determined within each monitoring well using a dip meter to identify the level of the water table and the base of the monitoring well. Where monitoring wells recovered sufficiently, three well volumes of water were removed from each well prior to sampling. The well was purged using Waterra hi flow-sampling equipment fitted with surge blocks to remove as much accumulated silt as possible from within the installation. Water was recovered using disposable bailers on a dedicated line to prevent cross contamination between monitoring wells.

3.4.5 Samples were placed into laboratory supplied containers which were then placed into cool boxes and kept at a nominal temperature of +4°C ± 2°C by the use of ice packs. The samples were then dispatched for analysis to a UKAS accredited laboratory, Environmental Scientifics Laboratories in Burton-Upon-Trent, together with appropriate chain of custody documentation.

3.5 Laboratory Analysis

Chemical Analysis

Soil

3.5.1 A total of 23 no. soil samples were selected for chemical analysis for a range of contaminants including:

- Metal compounds including arsenic, boron, cadmium, chromium, chromium VI, copper, lead, mercury, nickel, selenium, zinc and vanadium;
- Soil Organic Matter (SOM);
- Speciated Polycyclic Aromatic Hydrocarbons (PAHs);
- Total and speciated Total Petroleum Hydrocarbon (TPH); and
- Asbestos screen and identification.

Groundwater

3.5.2 The 3 no. groundwater samples recovered from the deep boreholes were selected for chemical analysis for a range of contaminants including:

- Metal compounds including arsenic, boron, cadmium, chromium, chromium VI, copper, lead, mercury, nickel, selenium, zinc, vanadium;
- pH;
- Free and total cyanide;
- Speciated PAH;
- Semi Volatile Organic Compounds (SVOC's);
- VOC's; and
- Speciated Total Petroleum Hydrocarbons (TPH).

Quality Assurance

3.5.3 All instruments and field monitoring equipment used during the site investigation and survey works were calibrated prior to use. The laboratories commissioned to undertake the chemical analysis are appropriately accredited with robust Quality Assurance (QA) and Quality Control (QC) procedures in place, with testing and analysis being undertaken following accredited procedures.

4 Ground Investigation Field Results

4.1 Introduction

4.1.1 A factual account of the ground investigation and survey field results are presented within this section.

4.2 Geology

4.2.1 The main geological units identified during the intrusive site investigation are summarised in the following sections. Reference should be made to the individual exploratory hole logs presented in *Appendix 1* for details of the ground conditions at specific locations.

4.2.2 The geological sequence encountered at the Assessment Site generally correlates to the published geology and anticipated ground conditions.

Made Ground

4.2.3 Made Ground was identified across the entirety of the Assessment Site. The Made Ground typically comprised black, grey, red sandy GRAVEL of brick sandstone concrete and slag with occasional to frequent cobles of brick, slag and concrete. Minor inclusions of metal, wood and glass were present on occasions. The Made Ground was noted to become increasingly fused with depth, making trial pitting impossible past a depth of 2.0 mbGL. Areas of Made Ground were consistent with the previous use of the Assessment Site as a slag tip.

4.2.4 TP9, advanced to a maximum depth of 1.85 m bgl towards the south-east of the property noted the presence of Made Ground with a differing composition to the remainder of the investigative locations. Within this locality the Made Ground primarily comprised brick and concrete backfill with frequent inclusions of wood. During the advancement, a remnant concrete foundation and brick wall was noted against the eastern edge of the pit. The concrete foundation was noted to be approximately 1.5 m in thickness, 0.5 m wide and 4.8 m in length.

4.2.5 A maximum thickness of Made Ground was recorded in BH3 where 8.3 m of slag was noted prior to reaching the underlying Tidal Flat Deposits. Throughout the advancement of boreholes / trial pits there was no visual / olfactory evidence of contamination noted.

Natural Strata

Tidal Flat Deposits

4.2.6 Tidal Flat Deposits are described within published geological sources as consolidated soft silty clay, with layers of sand, gravel and peat (British Geological Survey).

4.2.7 Tidal Flat Deposits were identified at depth within boreholes BH1, BH2 and BH3 respectively. The Tidal Flat deposits were noted to comprise very soft blue grey silty clay with occasional peat bands throughout.

4.2.8 The deposits were identified at differing depths across the Assessment Site, 7.9 m in BH1, 7.5 m in BH2 and 8.3 m in BH3.

4.2.9 The recovered Tidal Flat Deposits did not contain visually identifiable or olfactory evidence of contamination.

Mercia Mudstone Formation

4.2.10 The published geological records (BGS) characterise the Mercia Mudstone Formation as a red, less commonly green-grey, mudstones and subordinate siltstones with thick halite-bearing units in some basinal areas.

4.2.11 The Mercia Mudstone Formation encountered at the Assessment Site was characterised by a soft red clay with frequent weak mudstone bands. Mercia Mudstone Formation was encountered at 12.5 m bgl and 14 m bgl within BH1 and BH2 respectively. A maximum thickness of 2.5 m was noted prior to the termination of drilling. The Mercia Mudstone was not identified within borehole BH3.

Geological Sequence Summary

4.2.12 The general geological sequence identified during the site investigation is summarised in *Table 4-1*.

Table 4-1: Geological Sequence

Unit	Description	Thickness (m)	Basal Depth (mbGL)
Made Ground	Compact, black red grey sandy gravel of slag with frequent cobbles of fused slag which were noted to increase with depth.	7.5 – 8.3	0.0 - 8.3
Tidal Flat Deposits	Recovered as a very soft blue grey silt clay.	Maximum proven thickness of 6.7	Maximum proven depth of 15.0
Mercia Mudstone	Recovered as red clay with frequent weathered mudstone bands.	Maximum proven thickness of 2.5	Maximum proven depth of 15.0

4.3 Visual and Olfactory Evidence of Contamination

4.3.1 Other than the general nature of the Made Ground no visual or olfactory evidence of contamination was noted during the progression of boreholes or trial pits during the site investigation.

4.3.2 Full details and observations noted during the drilling are presented within the borehole logs presented in *Appendix 1*.

4.4 In Situ Screening Results

Gas Monitoring

4.4.1 *Table 4-2* presents the maximum stabilised concentrations and flow rates identified during the gas monitoring round undertaken at the Assessment Site. The atmospheric pressure during the monitoring round gradually increased from 1017 to1020 millibars (mb). The three boreholes at site were installed with 50 mm and 19 mm installations. The 50 mm installations were installed with slotted sections through the Made Ground and the natural deposits (Tidal Flat Deposits and Mercia Mudstone) and the 19 mm installations were installed within the Made Ground. Gas readings were collected from both installations during monitoring.

Table 4-2: Gas Monitoring Data Summary

Location	Number of monitoring rounds	VOCs, max (ppm)	CO, max (ppm)	Stabilised CH_4 (% v/v)	Stabilised CO_2 (% v/v)	Minimum Stabilised O_2 (% v/v)	Peak Flow max (litres per hour)
19mm							
BH1	1	1.2	0	0	0	20.6	0.01
BH2	1	6.1	0	0	0	15.1	0.01
BH3	1	2.1	0	0	0	9.4	0.01
50mm							
BH1	1	4.4	0	0.1	0	20.5	0.01
BH2	1	0.8	0	0	0	18.6	0.01
BH3	1	1.2	0	0	0	18.1	0.01

4.4.2 H_2S not detected within any of the monitoring wells. The full gas monitoring results are presented within *Appendix 2*.

4.5 Groundwater

Groundwater Encountered During Investigation

4.5.1 During the intrusive investigation a groundwater strike was encountered within rotary borehole BH1. It is unknown if water strikes were encountered within BH2 and BH3 due to the use of a water flush as a drilling medium. This is summarised in *Table 4-3*.

Table 4-3: Groundwater Strikes during the Intrusive Investigation

Location	Groundwater Strike (mbGL)	Geological Strata
BH1	6.0	Made Ground

Groundwater Level Monitoring

4.5.2 Groundwater levels were measured within the monitoring wells installed at the Assessment Site on 31st March 2017. The results are summarised within *Table 4-4*. Groundwater levels were not monitored within the 19 mm installations.

Table 4-4: Groundwater Monitoring Data Summary

Borehole ID	Number of monitoring rounds	Depth to Groundwater (mbGL)	Depth to Base (mbGL)	Geology Adjacent to Depth of Groundwater	Extent of Slotted Section of Installation (mbGL)	Geology Adjacent to Screened Section
BH1	1	5.53	12.36	Made Ground	1.0 – 12.5	Made Ground, Tidal Flat Deposits and Mercia Mudstone
BH2	1	5.67	14.85	Made Ground	1.0 – 15.0	Made Ground, Tidal Flat Deposits and Mercia Mudstone
BH3	1	6.18	14.65	Made Ground	1.0 – 15.0	Made Ground and Tidal Flat Deposits

4.5.3 The full results of the groundwater level monitoring are included in *Appendix 2.*

4.5.4 The monitoring data indicates a fairly continuous groundwater body is located beneath the Assessment Site at a depth between 5.53 m and 6.18 m bgl within the Made Ground. The identified groundwater levels within the Made Ground are consistent with the reclamation of the land from the estuary through the placement of wastes (Steel Slag). The groundwater is considered likely to be in continuity with the estuary and it is likely that tidal processes will affect the depth to groundwater, however this would need to be confirmed with additional monitoring rounds at differing times of day and in different seasons.

5 Chemical Laboratory Analytical Results

5.1 Introduction

5.1.1 This section summarises the laboratory analytical results for the intrusive investigation. A full set of laboratory results are presented within *Appendix 3.*

5.2 Soil Results

Inorganic Analytical Results

5.2.1 Inorganic analytical data is available for 13 no. samples. A summary of the results detailing the range of concentrations identified and the location of the maximum identified concentration is presented in *Table 5-1*. Separate summaries have been presented representing the three strata identified below:

- Made Ground;
- Tidal Flat Deposits; and
- Mercia Mudstone.

5.2.2 Only those determinands identified above the Laboratory Limit of Detection (LLoD) are detailed.

Table 5-1: Summary of Soil Inorganic Analytical Results

Determinand	Made Ground			Tidal Flat Deposits			Mercia Mudstone		
	No. of Samples Analysed	Conc. Range (mg/kg)	Location of Max Conc.	No. of Samples Analysed	Conc. Range (mg/kg)	Location of Max Conc.	No. of Samples Analysed	Conc. Range (mg/kg)	Location of Max Conc.
Arsenic	9	3.3 – 33.2	TP2 1.2 m	3	10.1 – 13.7	BH1 8m	1	6.2	BH2 15.0m
Cadmium	9	0.35 – 3.52	TP2 1.2 m	3	0.26 – 0.39	BH2 7 – 9m	1	0.23	BH2 15.0m
Chromium	9	48.8 – 1530	TP1 0.6 m	3	315.3 – 410.4	BH2 7 – 9m	1	49	BH2 15.0m
Copper	9	27.2 – 119.3	TP1 0.6 m	3	20.3 – 33	BH2 7 – 9m	1	18.1	BH2 15.0m
Lead	9	38.5 – 580.3	TP2 1.2 m	3	31.7 – 62.2	BH2 17 – 9m	1	25.9	BH2 15.0m
Mercury	9	<0.5 – 1.21	TP6 1.1 m	3	<0.54 - <0.67	BH 7 – 9m	1	<0.5	BH2 15.0m
Nickel	9	11.6 – 28.1	TP1 0.6 m	3	27 – 32.5	BH2 7 – 9m	1	39.9	BH2 15.0m
Selenium	9	1 – 5.5	TP2 1.2 m	3	<0.5 – 1.4	BH1 8m	1	0.6	BH2 15.0m
Zinc	9	114.2 - 881	TP6 1.1 m	3	87.5 - 133	BH1 8m	1	108	BH2 15.0m
Boron	9	1.6 – 6.9	TP8 1.8 m	3	5 - 8.2	BH1 8m	1	7	BH2 15.0m

Organic Analysis

5.2.3 Organic analytical data is available for 13 no. samples. A summary of the results detailing the range of concentrations identified and the location of the maximum identified concentration is presented in *Table 5-2.*

5.2.4 As with the inorganic analysis, the summary presents separate summaries for each lithology. Only those determinands identified above the LLoD are detailed.

Table 5-2: Summary of Soil Organic Analysis Results

Determinant	Made Ground			Tidal Flat Deposits			Mercia Mudstone		
	Number of Samples Analysed	Conc. Range (mg/kg)	Location of Maximum Conc.	Number of Samples Analysed	Conc. Range (mg/kg)	Location of Maximum Conc.	Number of Samples Analysed	Conc. Range (mg/kg)	Location of Maximum Conc.
TPH >C8 – C10	9	<4 - <8	-	2	<6 - <8	-	1	<6	-
TPH >C10 – C12	9	<4-<8	-	2	<6 - <8	-	1	<6	-
TPH >C12 – C16	9	<4 – 16.6	TP12 2.0 m	2	<6 - <8	-	1	<6	-
TPH >C16 – C21	9	<4 – 39.4	TP11 1.6 m	2	<6 – 10.6	BH2 7.0 to 9.0m	1	<6 – 99.4	BH2 15.0m
TPH >C21 – C35	9	20.5 - 413	TP11 1.6m	2	20.4 - 192	BH2 7.0 to 9.0m	1	52.4 – 99.4	BH2 15.0m
Total TPH	9	91.2 - 987	TP5 0.75	2	111.1 - 654	BH2 7.0 to 9.0m	1	114.1 – 176.2	BH2 15.0m
Naphthalene	9	<0.08 – 0.16	TP2 1.2	3	<0.11 to <0.15	-	1	<0.11	-
Acenaphthylene	9	0.08 – 0.11	-	3	<0.11 to <0.15	-	1	<0.11	-
Acenaphthene	9	0.08 – 0.13	TP2 1.2 m	3	<0.11 to <0.15	-	1	<0.11	-
Fluorene	9	<0.08 – 0.10	TP2 1.2 m	3	<0.11 to <0.15	-	1	<0.11	-
Phenanthrene	9	<0.09 - .82	TP2 1.2 m	3	<0.11 to <0.15	-	1	<0.11	-
Anthracene	9	<0.08 – 0.2	TP2 1.2 m	3	<0.11 to <0.15	-	1	<0.11	-

Determinant	Made Ground			Tidal Flat Deposits			Mercia Mudstone		
	Number of Samples Analysed	Conc. Range (mg/kg)	Location of Maximum Conc.	Number of Samples Analysed	Conc. Range (mg/kg)	Location of Maximum Conc.	Number of Samples Analysed	Conc. Range (mg/kg)	Location of Maximum Conc.
Fluoranthene	9	<0.09 -1.3	TP2 1.2 m	3	<0.011 – 0.048	BH2 7.0 – 9.0m	1	<0.11	-
Pyrene	9	<0.09 – 0.96	TP2 1.2 m	3	<0.011 – 0.25	BH2 7.0 – 9.0m	1	<0.11	-
Benzo(a)anthracene	9	<0.09 – 0.71	TP11 1.6 m	3	<0.11 – 0.33	BH2 7.0 – 9.0m	1	<0.11	-
Chrysene	9	<0.09 – 0.99	TP11 1.6 m	3	<0.11 – 0.27	BH2 7.0 – 9.0m	1	<0.11	-
Benzo(b)fluoranthene	9	<0.09 – 1.91	TP11 1.6 m	3	<0.11 – 0.31	BH2 7.0 – 9.0m	1	<0.11	-
Benzo(k)fluoranthene	9	<0.08 – 0.63	TP11 1.6 m	3	<0.11 - <0.15	-	1	<0.11	-
Benzo(a)pyrene	9	<0.09 – 1.66	TP11 1.6 m	3	<0.11 – 0.23	BH2 7.0 – 9.0m	1	<0.11	-
Indeno(123-cd)pyrene	9	<0.09 – 1.5	TP11 1.6 m	3	<0.11 – 0.2	BH2 7.0 – 9.0m	1	<0.11	-
Dibenzo(a,h)anthracene	9	<0.09 – 0.64	TP11 1.6 m	3	<0.11 - <0.15	-	1	<0.11	-
Benzo(ghi)perylene	9	<0.09 – 1.15	TP11 1.6 m	3	<0.11 – <0.15	-	1	<0.11	-
Total PAHs	9	<139 – <10.90	TP11 1.6 m	3	<1.8 - <3.44	BH2 7.0 – 9.0m	1	<0.11	-

Asbestos Analysis

5.2.5 A total of 13 no. samples were screened for the presence of asbestos. Crocidolite was identified within 1 no. sample, which was collected from the Made Ground. Where asbestos was identified, the asbestos type has been provided by the lab. Asbestos quantification has not been undertaken at this stage. A summary of asbestos identification is provided in *Table 5-3*. Full results are provided in *Appendix 3.*

Table 5-3: Asbestos identification and quantification.

Stratum	Location / Depth	Asbestos Identified	Asbestos Type
Made Ground	TP1 / 1.6 m	Crocidolite	Free Fibres

5.3 Groundwater

5.3.1 Groundwater was encountered and sampled within monitoring locations installed within the Made Ground, Tidal Flat and Mercia Mudstone horizons at 3 no. locations (BH1, BH2 and BH3).

5.3.2 Concentrations of inorganic contaminants including metals were generally below the LLoD or at very low concentrations above the LLoD.

5.3.3 Relatively low (less than 7mg/l) concentrations of hydrocarbons were present within all of the water samples recovered from boreholes. Hydrocarbon concentrations were detected within carbon bands C12 to C44. The highest concentrations were recorded within the C16 – C35 Aliphatic band.

5.3.4 There were no detectable concentrations of PCB's identified within the water samples collected from the boreholes.

5.3.5 There were no detectable concentrations of SVOC's identified within the water samples collected from the boreholes. PAHs were encountered above the LLoD at low levels. The pH of the groundwater is highly elevated with readings of between 11.6 and 12.1.

5.3.6 Given the industrial past of the Assessment Site and the immediate surroundings it is anticipated that the laboratory results achieved are fairly representative of wider rather than localised groundwater quality.

6 Refined Conceptual Site Model

6.1 Introduction

6.1.1 The conceptual model identified in *Section 2* has been reviewed and updated on the basis of the findings of the intrusive ground investigation. A revised appraisal of pollutant linkages is presented within *Table 6-1.* Revisions to the likely risk level based on the findings of the site investigation are presented in italic text.

Table 6-1: Summary of Potential Pollutant Linkages for Refined CSM

Contamination Source (Current and Historical land use)	Exposure Pathway	Receptor	Qualitative Assessment of Risk	Rationale
On-site: Reprocessed slag materials within Made Ground and contamination associated with the historical mineral railway	Migration of leachable contaminants vertically into groundwater	Groundwater	Low to Moderate	During the site investigation there was no visual / olfactory evidence of contamination noted other than the slag deposits. The Tidal Flat Deposits underlying the Made Ground were noted to be clay rich and up to 7.3 metres thick. This provides a level of protection to the underlying aquifer. The groundwater identified during the investigation resided within the Made Ground and displayed levels of contamination consistent with the steel slag within the Made Ground. Whilst some impact is evident, the placement of steel slag is a regional issue and therefore the shallow groundwater in the area is not considered to represent a sensitive receptor.
	Migration of leachable contaminants vertically into groundwater and subsequent horizontal migration into surface water	Surface Water	Low to Moderate	There is no identified surface water present on the Assessment Site. The Severn Estuary and Bristol Channel are located in excess of 75m South of the site. During investigative works a shallow groundwater body was identified within the Made Ground that is likely to be in continuity with the Estuary and may be tidally influenced.
	Dermal contact, inhalation / ingestion of dust.	Future Site Users	Low	Elevated concentrations of contamination were identified within the shallow soils at the Assessment Site following investigative works. These contaminants were typically non-volatile or of low volatility. Following redevelopment the Assessment Site will be capped with hardstanding.

Contamination Source (Current and Historical land use)	Exposure Pathway	Receptor	Qualitative Assessment of Risk	Rationale
	Inhalation of gas and risk of explosion	Future Site Users and Property	Low	Gas monitoring undertaken at the Assessment Site has determined that low concentrations of gases and limited flow rates are present. The proposed structures at the Assessment Site are likely to be limited and well ventilated.
UXO Risk from historical rifle range	Exposure of UXO during redevelopment	Future Site Users and Property	Low	The northern portion of the Assessment Site is recorded on historical map extracts as falling within a rifle range. Given the redevelopment of the Assessment Site the potential for UXO to be encountered is considered to be low.
	Inhalation of vapours from contaminated groundwater migrating beneath the Assessment Site	Future Site Users	Negligible	The relatively minor concentrations of hydrocarbons within groundwater are highly unlikely to cause a vapour issue at surface.
	Migration of ground gas onto site and subsequent inhalation and or explosion	Future Site Users	Low	Gas monitoring undertaken at the Assessment Site has low concentrations of gases and limited flow rates. The proposed structures at the Assessment Site are likely to be limited and well ventilated.

7 Human Health Risk Assessment

7.1 Introduction

7.1.1 A human health risk assessment has been undertaken to determine the level of risk to human health from the presence of chemical contamination within soils at the Assessment Site. This section provides a summary of the levels of chemical contaminants encountered and determines whether a potential unacceptable long term risk is posed to human health.

7.2 Risk Assessment Methodology

7.2.1 The assessment of risks posed to human health by the presence of soil contaminants is based upon the guidelines outlined in CLR11 (*Ref. 5*), which provides a framework for risk assessment and follows the tiered process, with each subsequent tier involving a higher degree of input into the assessment. This approach is outlined below.

Tier 1 – Qualitative Risk Assessment

7.2.2 This stage qualitatively identifies each of the Contaminant-Pathway-Receptor components that are present on the Assessment Site, which forms the basis of the UK risk assessment approach. The Tier I assessment is presented in *Sections 2* and *6* of this report.

Tier 2 – Generic Quantitative Risk Assessment (GQRA)

7.2.3 The Tier 2 risk assessment aims to identify contaminants of concern and their spatial distribution and requires benchmarks against which to compare the concentrations of soil contaminants. This requires the comparison of contaminant concentrations with Soil Guideline Values (SGVs) and Generic Assessment Criteria (GACs) that have been derived using the Contaminated Land Exposure Assessment (CLEA) framework. The exceedance of a GAC suggests that an unacceptable risk to human health may be present.

7.2.4 Where revised SGVs have been issued by the EA, these have been used for comparison with site data. For those contaminants where no revised SGVs have been issued, site data is compared against GACs that have been published by LQM/CIEH (*Ref. 6*) and CL:AIRE (*Ref. 7*). In the absence of published values, SGVs and GACs derived using the former CLEA model have been used as a screening tool, to determine if there is a potentially unacceptable risk posed by particular contaminants to human health. Specifically for lead, taking consideration of the withdrawn status of the SGV consideration has been given to the use of the Category 4 Screening Levels (C4SLs) that has been published by CL:AIRE *(Ref. 8*). The C4SLs are considered to represent the concentration at which a contaminant does not pose a Significant Potential of Significant Harm (SPOSH) to human health. Whilst the C4SLs are higher than the previously adopted GACs / SGVs for all other contaminants this is not the case for lead, where

the C4SL is substantially lower. As this is the case it is considered that the C4SL should be adopted for lead in the place of the previously withdrawn SGV.

7.2.5 This comparison provides the risk assessor with an indication as to whether a particular contaminant may pose a risk to human health and whether additional assessment is required.

Tier 3 – Detailed Quantitative Risk Assessment (DQRA)

7.2.6 Where SGVs or GAC are exceeded, a detailed human health risk assessment may be required to further quantify the potential risk posed and determine whether there is a requirement for remediation. The Tier 3 assessment considers the toxicological characteristics, migration mechanisms and exposure pathways to derive Site Specific Assessment Criteria (SSAC) using the CLEA 1.06 computer model. A literature search is undertaken to obtain the most recent relevant toxicological information, and this is inputted into the model. Exceedances of the SSAC may suggest that remediation is required to mitigate risks posed to human health.

7.2.7 A Tier 3 assessment is outside the scope of this report however, if appropriate, recommendations for further assessment will be made in the conclusions and recommendation section.

7.3 Tier 2 – Generic Quantitative Risk Assessment (GQRA)

Heavy Metals / Inorganics

7.3.1 A Tier 2 risk assessment has been undertaken utilising the results of the heavy metal / inorganic soil analysis from samples taken from the ground investigation. The assessment compares the statistical 95% UCL (Upper Confidence Limit) of a sample dataset against the relevant SGV/GAC to determine whether a potentially unacceptable risk is posed to human health. Where the 95% UCL values have not been calculated this is due to the limited number of samples for a dataset. In these circumstances, it is considered that an absolute comparison of concentrations is more valid. The presence of statistical outliers has been considered in this assessment as they may indicate a second statistical dataset i.e. a separate or discrete contamination source, and if any exceed the relevant SGV/GAC, all outliers are excluded from the 95% UCL calculation.

Made Ground

7.3.2 *Table 7-1* summarises the results of the laboratory analysis for heavy metals and inorganics within Made Ground at the Assessment Site and compares the analytical results with the relevant SGV/GACs for a Commercial end use.

7.3.3 All of the detectable inorganic chemicals identified within laboratory results recorded concentrations and 95% UCL are below the relevant SGV/GACs.

Table 7-1: Made Ground – Inorganics Comparison with SGV/GACs

Contaminant	Number of Samples	Concentration Range (mg/kg)	95% UCL (excluding outliers) (mg/kg)	SGV / GAC (mg/kg) Commercial	Does 95%UCL Concentration Exceed SGV/GAC?	Does Concentration Exceed SGV/GAC?
Arsenic	9	3.3 – 33.2	24.2	640[1]	No	No
Boron	9	1.6 – 6.9	7.2	240,000[1]	No	No
Cadmium	9	0.35 – 3.52	2	190[1]	No	No
Chromium	9	48.8 - 1530	901	8,600[1]	No	No
Copper	9	27.2 – 119.3	89.3	68,000[2]	No	No
Lead	9	38.5 – 580.3	452.8	2300[1]	No	No
Mercury	9	<0.5 – 1.21	1.04	1100[1]	No	No
Nickel	9	11.6 – 28.1	22.2	980[1]	NO	No
Selenium	9	1 – 5.5	4.3	1,200[1]	No	No
Zinc	9	114.2 - 881	787	730,000[1]	No	No

Notes: 1. The LQM/CIEH S4ULs for human Health risk Assessment, 2015

Tidal Flat Deposits

7.3.4 *Table 7-2* summarises the results of the laboratory analysis for heavy metals and inorganics within the Tidal Flat Deposits and compares the analytical results with the relevant SGV/GACs for a commercial end use.

7.3.5 All the recorded concentrations lie below the relevant SGV/GACs.

Table 7-2: Tidal Flat Deposits – Inorganics Comparison with SGV/GACs

Contaminant	Number of Samples	Concentration (mg/kg)	SGV / GAC (mg/kg) Commercial	Does Concentration Exceed SGV/GAC?
Arsenic	3	10.1 – 13.7	640[1]	No
Boron	3	5 – 8.2	240,000[1]	No
Cadmium	3	0.26 – 0.39	190[1]	No

Contaminant	Number of Samples	Concentration (mg/kg)	SGV / GAC (mg/kg) Commercial	Does Concentration Exceed SGV/GAC?
Chromium	3	315.3 – 410.4	8,600[1]	No
Copper	3	20.3 – 22.6	68,000[2]	No
Lead	3	31.7 – 62.2	2300[1]	No
Mercury	3	<0.54 - <0.67	1100[1]	No
Nickel	3	27 – 32.5	980[1]	No
Selenium	3	<0.5 – 1.4	1,200[1]	No
Zinc	3	87.5 – 133	730,000[1]	No

Notes: 1. The LQM/CIEH S4ULs for human Health risk Assessment, 2015

Mercia Mudstone Formation

7.3.6 *Table 7-3* below summarises the results of the laboratory analysis for heavy metals and inorganics within the Mercia Mudstone Deposits and compares the analytical results with the relevant SGV/GACs for a commercial end use.

7.3.7 All the recorded concentrations lie below the relevant SGV/GACs.

Table 7-3: Mercia Mudstone Formation – Inorganics Comparison with SGV/GACs

Contaminant	Number of Samples	Concentration Range (mg/kg)	SGV / GAC (mg/kg) Commercial	Does Concentration Exceed SGV/GAC?
Arsenic	1	6.2	640[1]	No
Boron	1	7	240,000[1]	No
Cadmium	1	0.23	190[1]	No
Chromium	1	49	8,600[1]	No
Copper	1	18.1	68,000[2]	No
Lead	1	25.9	2300[1]	No

Contaminant	Number of Samples	Concentration Range (mg/kg)	SGV / GAC (mg/kg) Commercial	Does Concentration Exceed SGV/GAC?
Mercury	1	<0.5	1100[1]	No
Nickel	1	39.9	980[1]	No
Selenium	1	0.6	1,200[1]	No
Zinc	1	108	730,000[1]	No

Notes: 1. The LQM/CIEH S4ULs for human Health risk Assessment, 2015

Total Petroleum Hydrocarbons

7.3.8 A Tier 2 risk assessment has been undertaken on the results of the TPH soil analysis derived from the ground investigation. It is considered that the presence of TPH in the natural strata would likely be due to point source contamination and therefore the calculation of a 95% UCL value is not considered a valid statistical approach. 95% UCL values have not been calculated for the Made Ground due to the limited number of samples for each dataset. The results of the analysis have been compared directly against the relevant GACs for a commercial end use to determine whether a potential unacceptable risk is posed to human health. Only those TPH fractions identified above the LLoD are detailed. As the data is non-speciated, it is assessed against the most stringent screening criteria from the aliphatic and aromatic hydrocarbons in the identified carbon range. This is considered a conservative approach.

Made Ground

7.3.9 Nine samples were analysed for total and banded TPH. The highest concentrations were identified within the >C21 to C35 band carbon range although concentrations were encountered above LLoD in carbon band ranges greater than C12. *Table 7-4* details the identified concentration ranges and compares them to the relevant screening criteria for a commercial end use.

Table 7-4: Made Ground - TPH Comparison with SGV/GACs

Contaminant	Number of Samples	Conc. Range (mg/kg)	95% UCL (excluding outliers) (mg/kg)	SGV / GAC (mg/kg) Commercial	Does 95%UCL Concentration Exceed SGV/GAC?	Number of Samples Exceeding GAC
TPH >C8 – C10	9	<4 - <9	2.6	2,000	0	0
TPH >C10 – C12	9	<4 - <8	2.6	9,700	0	0
TPH >C12 - C16	9	<4 – 16.6	29.2	36,000	0	0
TPH >C16 – C21	9	<4 – 345	301.7	28,000	0	0
TPH >C21 - C35	9	20.5 - 413	354.8	28,000	0	0

1. GACs for Aliphatics and Aromatics based upon 1% SOM;

2. The most stringent screening of the aliphatic and aromatic criteria has been used for comparison for the given carbon band.

7.3.10 The results indicate there are no exceedances above the relevant GACs for TPH across carbon bands C8 – C35 for either the maximum concentrations of 95% UCL.

Tidal Flat Deposits

7.3.11 Two samples were analysed for banded TPH and total TPH by GCFID. The highest concentrations were identified within the >C21 to C35 band carbon range although detectable concentrations were encountered above LLoD in carbon band ranges C16 – C21 also. *Table 7-5* details the identified concentration ranges and compares them to the relevant screening criteria for a commercial end use.

Table 7-5: Tidal Flat Deposits TPH Comparison with SGV/GACs

Contaminant	Number of Samples	Conc. Range (mg/kg)	SGV / GAC (mg/kg) Commercial	Number of Samples Exceeding GAC
TPH >C8 - C10	2	<6 - <8	2,000	0
TPH >C10 - C12	2	<6 - <8	9,700	0
TPH >C12 - C16	2	<6 - <8	36,000	0
TPH >C16 – C21	2	<6 – 10.6	28,000	0
TPH >C21 - C35	2	20.4 - 192	28,000	0

1. GACs for Aliphatics and Aromatics based upon 1% SOM;
2. The most stringent screening of the aliphatic and aromatic criteria has been used for comparison for the given carbon band.
3. In the absence of a GAC for total TPH the GAC for Aromatic >C21-C35 has been used as a screening tool on the basis that heavy end compounds are prevalent.

7.3.12 There were no detectable concentrations of hydrocarbons that exceed the relevant screening criteria.

Mercia Mudstone Formation

7.3.13 Two samples was analysed for banded TPH and total TPH by GCFID. The highest concentrations were identified within the C16 to C21 and C21 to C35 band carbon range. No detectable concentrations were encountered above LLoD in carbon band ranges below C16. *Table 7-6* details the identified concentration ranges and compares them to the relevant screening criteria for a commercial end use.

Table 7-6 Mercia Mudstone Formation TPH Comparison with SGV/GACs

Contaminant	Number of Samples	Conc. Range (mg/kg)	SGV / GAC (mg/kg) Commercial	Number of Samples Exceeding GAC
TPH >C8 - C10	2	<6	2,000	0

Contaminant	Number of Samples	Conc. Range (mg/kg)	SGV / GAC (mg/kg) Commercial	Number of Samples Exceeding GAC
TPH >C10 - C12	2	<6	9,700	0
TPH >C12 - C16	2	<6	36,000	0
TPH >C16 – C21	2	55.4 – 99.4	28,000	0
TPH >C21 - C35	2	55.4 – 99.4	28,000	0

1. GACs for Aliphatics and Aromatics based upon 1% SOM;
2. The most stringent screening of the aliphatic and aromatic criteria has been used for comparison for the given carbon band.
3. In the absence of a GAC for total TPH the GAC for Aromatic >C21-C35 has been used as a screening tool on the basis that heavy end compounds are prevalent.

7.3.14 These concentrations have been compared against the most conservative screening criteria for the identified carbon ranges. None of the identified concentration exceed the selected criteria for the relevant carbon range for a commercial end use.

Polycyclic Aromatic Hydrocarbons

7.3.15 A Tier 2 risk assessment has been undertaken utilising the results of the PAH analysis from samples taken from the ground investigation. The assessment compares the statistical 95% UCL of a sample dataset against the relevant SGV/GAC to determine whether a potentially unacceptable risk is posed to human health. Where the 95% UCL values have not been calculated this is due to the limited number of samples. In such instances, it is considered that an absolute comparison of concentrations is more valid. The presence of statistical outliers have been considered in this assessment as they may indicate a second statistical dataset i.e. a separate or discrete contamination source, and if any exceed the relevant SGV/GAC, all outliers are excluded from the 95% UCL calculation. Only PAH concentrations above the LLoD are detailed.

Made Ground

7.3.16 A total of 9 no. samples were scheduled for PAH analysis.

7.3.17 *Table 7-7* below summarises the results of the laboratory analysis for PAHs within the Made Ground and compares them with the relevant GACs a commercial end use.

Table 7-7: Made Ground - PAH Comparison with GACs

Contaminant	Number of Samples	Concentration Range (mg/kg)	95% UCL (excluding outliers) (mg/kg)	SGV / GAC* (mg/kg) Commercial	Does 95%UCL Concentration Exceed SGV/GAC?	Does concentration Exceeds SGV/GAC?
Naphthalene	9	<0.01 – 0.16	<.09	190	No	No

Contaminant	Number of Samples	Concentration Range (mg/kg)	95% UCL (excluding outliers) (mg/kg)	SGV / GAC* (mg/kg) Commercial	Does 95%UCL Concentration Exceed SGV/GAC?	Does concentration Exceeds SGV/GAC?
Acenaphthylene	9	0.08 – 0.15	0.09	83,000	No	No
Acenaphthene	9	0.08 – 0.13	0.09	84,000	No	No
Fluorene	9	0.08 – 0.10	0.07	63,000	No	No
Phenanthrene	9	0.09 – 0.82	0.44	22,000	No	No
Anthracene	9	<0.08 – 0.2	0.15	52,000	No	No
Fluoranthene	9	<0.09 – 1.3	0.79	23,000	No	No
Pyrene	9	<0.09 – 0.96	0.61	54,000	No	No
Benzo(a)anthracene	9	<0.09 – 0.71	0.76	170	No	No
Chrysene	9	<0.09 – 0.99	0.61	350	No	No
Benzo(b)fluoranthene	9	<0.09 – 1.91	0.98	44	No	No
Benzo(k)fluoranthene	9	<0.08 – 0.63	0.34	1,200	No	No
Benzo(a)pyrene	9	<0.09 – 1.66	1.21	35	No	No
Indeno(123-cd)pyrene	9	<0.09 – 1.5	0.75	500	No	No
Dibenzo(a,h)anthracene	9	<0.09 – 0.64	0.44	3.5	No	No
Benzo(ghi)perylene	9	<0.09 – 1.15	0.59	3,900	No	No

Notes: * GACs for PAH based upon conservative 1% SOM

7.3.1 The laboratory analysis has not identified any concentrations of PAH's or 95% UCL in excess of the relevant GAC for a commercial end use scenario.

Tidal Flat Deposits

7.3.2 A total of 3 no. samples were scheduled for PAH analysis.

7.3.3 *Table 7-8* below summarises the results of the laboratory analysis for PAHs within the Tidal Flat Deposits and compares them with the relevant GACs for a commercial end use.

Table 7-8: Tidal Flat Deposits - PAH Comparison with GACs

Contaminant	Number of Samples	Concentration Range (mg/kg)	SGV / GAC* (mg/kg) Commercial	Does concentration Exceeds SGV/GAC?
Naphthalene	3	<0.11 - <0.15	190	No
Acenaphthylene	3	<0.11 - <0.15	83,000	No

Contaminant	Number of Samples	Concentration Range (mg/kg)	SGV / GAC* (mg/kg) Commercial	Does concentration Exceeds SGV/GAC?
Acenaphthene	3	<0.11 - <0.15	84,000	No
Fluorene	3	<0.11 - <0.15	63,000	No
Phenanthrene	3	<0.11 - <0.15	22,000	No
Anthracene	3	<0.11 - <0.15	52,000	No
Fluoranthene	3	<0.11 – 0.48	23,000	No
Pyrene	3	<0.11 – 0.25	54,000	No
Benzo(a)anthracene	3	<0.11 – 0.33	170	No
Chrysene	3	<0.11 – 0.27	350	No
Benzo(b)fluoranthene	3	<0.11 – 0.31	44	No
Benzo(k)fluoranthene	3	<0.11 - <0.15	1,200	No
Benzo(a)pyrene	3	<0.11 - 0.23	35	No
Indeno(123-cd)pyrene	3	<0.11 – 0.2	500	No
Dibenzo(a,h)anthracene	3	<0.11 - <0.15	3.5	No
Benzo(ghi)perylene	3	<11 - <0.15	3,900	No

Notes: * GACs for PAH based upon conservative 1% SOM

7.3.4 The laboratory analysis has not identified any concentrations of PAH's in excess of the relevant GAC for a commercial end use scenario.

Mercia Mudstone Formation

7.3.5 A total of 1 no. sample was scheduled for PAH analysis. PAH was not detected above the LLoD.

Asbestos

7.3.6 Thirteen samples were analysed for asbestos from within Made Ground across the Assessment Site. Asbestos was identified in 1 no. sample.

7.3.7 Asbestos was not visually identified during site investigation works. However during subsequent laboratory analysis, asbestos was positively identified as free fibres of Crocidolite within TP1 at 1.6 m bgl. Although isolated, the presence of asbestos fibres represents a potential unacceptable risk to human health.

Summary of Risks to Human Health and Overview of Remedial Options

7.3.8 The assessment undertaken indicates that if utilised as proposed (commercial end use scenario), that the majority of the contamination identified at the Assessment Site is unlikely to

present an unacceptable risk to human health. The exception to this relates to the asbestos contamination identified within trial pit TP1 at a depth of 1.6 mbGL. Whilst the testing indicates that asbestos is not widespread within the Made Ground deposits at the Assessment Site it is considered that mitigation is required to address the potential risk associated with asbestos within the Made Ground. It is considered that the risk can be addressed through the placement of hardstanding or a cover system. In areas of non-hardstanding the cover system should comprise a 1 meter layer of inert materials with a separation layer at the base. The cover system can include any topsoil and subsoil required for landscaping purposes.

7.3.9 It should be noted that an area of the Assessment Site (at site entrance) could not be investigated due to the presence of the high voltage electric cable, therefore, there is the potential for contamination in this area. In particular a potentially contaminating feature that could not be targeted was the backfilled pond previously identified within our Phase 1 Report. This area is detailed upon *JER6108-SI-T001A.*

8 Controlled Waters Appraisal

8.1.1 The desk based review (*Ref.1*), has identified a low sensitivity groundwater setting with the superficial deposits beneath the Assessment Site being classified as a Secondary Aquifer (undifferentiated) and the bedrock deposits being classified as a Secondary A Aquifer. The ground investigation has confirmed the presence of low permeability superficial deposits which are unlikely to allow significant groundwater movements or a utilisable resource. Additionally the identified groundwater levels reside within the Made Ground deposits placed during reclamation of the land from the sea in this area. The main contamination source at the Assessment Site is considered to be the Made Ground and the associated slag materials which are understood to have placed across the wider region and are likely to have had a regional impact on groundwater quality.

8.1.2 On this basis a simple screening assessment has been undertaken to determine the impact to groundwater beneath the Assessment Site. This assessment comprises the comparison of the results of the laboratory analysis against industry recognised screening criteria, namely Environmental Quality Standards (EQS). Comparison with the Drinking Water Standards is not considered to be warranted as the groundwater is not considered to represent a potable resource due to the regional contamination sources and saline intrusion related to the Severn Estuary. Specifically in relation to TPH, a comparison has been made with the Environment Agency Non Statutory screening criteria of 0.05 mg / l. The laboratory analysis included testing for the presence of TPH, metals, cyanide, ammoniacal nitrogen, pH, PAH, PCB and SVOC.

8.1.3 This screening assessment has identified a range of contaminant exceedances as detailed below:

- BH1 –TPH, pH and PAH (Fluoranthene);
- BH2 – TPH, pH, mercury and PAH (Anthracene, Fluoranthene, Benzo[a]pyrene, Benzo[b]fluoranthene); and
- BH3 – TPH and pH.

8.1.4 Whilst the investigation has identified a number of exceedances of the selected criteria these are considered to be related to the widespread use of the slag materials as fill combined with the legacy of heavy industry in the local area. In order to address the groundwater quality issue, it is anticipated that a widespread remediation scheme would need to be designed that would far exceed the boundary of the focus site. Therefore it is considered to be limited merit in remediation at the Assessment Site. This position would need to be agreed with the regulators.

9 Ground Gas Risk Assessment

9.1 Introduction

One ground gas monitoring round was undertaken since completion of the site investigation across 6 no. gas monitoring wells (3 no. 19 mm and 3 no. 50 mm wells) installed at the Assessment Site. The monitoring round was undertaken on 31st March 2017. The results of the gas monitoring are summarised within Section *4* and are discussed in the following section.

9.2 Risk Assessment

9.2.1 CIRIA report C665 (*Ref. 9*) and BS8485 (*Ref. 10*) represents the current best practice guidance in relation to ground gas assessment. It proposes a holistic approach to gas risk assessment, which takes account of the following factors:

- Nature of source and migration pathway;
- Borehole flow rate and surface emission rate;
- Frequency and distribution of elevated gas concentrations;
- Nature of proposed development; and
- Confidence and reliability of results.

9.2.2 These factors are described in the remainder of this section.

9.3 Current Gas Regime

9.3.1 A description of the gas regime at the Assessment Site is presented in the following sections.

Flow Rates

9.3.2 A maximum gas flow of 0.01 l/hr was recorded within all monitoring wells during the monitoring round.

Carbon Dioxide Concentrations

9.3.3 There were no stabilised CO_2 concentrations measured within wells during the monitoring round.

Methane Concentrations

9.3.4 There were no stabilised CH_4 concentrations measured within wells during the monitoring round.

Volatile Organic Compounds (VOCs)

9.3.5 VOCs were detected within all monitoring locations during ground gas monitoring. Concentrations ranged between 0.8 and 6.1 ppm.

Other Gases

9.3.6 H_2S and CO were not detected in any of the monitoring wells during the gas monitoring.

Identified Gas Sources and Migration Pathways

9.3.7 Made Ground was identified across the entirety of the Assessment Site and was proven to be up to circa 8 m thick. The Made Ground encountered typically comprised reprocessed slag with additional widespread inclusions such as brick, concrete, metal and wood. There was limited evidence of potential putrescible waste sources that illustrated an elevated risk of ground gas. Frequent inclusions of wood were identified within the Made Ground with TP9. The Tidal Flat Deposits underlying the Made Ground is widely documented within literature sources to contain Peat bands which further present a risk of ground gas. These deposits were however identified to be below the groundwater table.

9.3.8 All boreholes (BH1 to BH3) were installed with 50 mm combined ground gas and groundwater monitoring standpipes within the entirety of the borehole, i.e. across the Made Ground, tidal flat deposits and Mercia mudstone. In order to obtain a more succinct overview of the ground gas regime, 19 mm dedicated ground gas installations were installed within the Made Ground to a maximum depth of 5 m bgl.

9.3.9 It is considered that the gas flow rates and concentrations may be influenced by changes in groundwater, which may be tidally influenced in this area.

9.4 Defensibility of Gas Data

9.4.1 CIRIA C665, Assessing risks posed by hazardous ground gases to buildings (*Ref. 9*) Recommends that 9 readings are taken over 6 months at sites where a low gas source is identified. Therefore the current assessment should be considered preliminary only.

9.5 Gas Risk Assessment

9.5.1 In summary, the gas monitoring undertaken to date has recorded the following maximum stabilised concentrations and flows:

- There were no stabilised concentrations of CO_2 or CH4 noted during ground gas monitoring.
- Negligible flow measured at all monitoring locations.

The classification of the gas regime at the Assessment Site is governed by the concentration of the soil gas and flow rate. This is reflected by the limiting volume flow rate of the gas, which is calculated as the concentration gas (expressed as a volumetric fraction) multiplied by the borehole flow rate. The limiting borehole gas volume flow is also known as the gas screening value (GSV) in CIRIA C665 (*Ref. 9*). Stabilised concentrations are used as these are more representative of persistent site conditions. This GSV is applied to the six characteristic situations, the threshold criteria for which are listed in *Table 9-1.*

Table 9-1: Modified Wilson and Card Classification

Characteristic Situation (CIRIA C149)	Comparable partners in technology gas regime	Risk classification	Gas screening value (CH4 or CO2 (l/hr)	Additional Limiting Factors	Typical Source of Gas Generation
1	A	Very low risk	<0.07	Methane <1% and Carbon Dioxide <5% Otherwise consider increase to Situation 2.	Natural soils with low organic content
2	B	Low risk	<0.7	Borehole air flow rate >70l/hr increase to Characteristic Situation 3	Natural soil, high peat/organic content
3	C	Moderate risk	<3.5		Old landfill, inert waste, mine working flooded
4	D	Moderate to high risk	<15	Quantitative risk assessment required to evaluate scope of protection measures	Mine working susceptible to flooding, completed landfill, inert waste (WMP 26B criteria)
5	E	High risk	<70		Mine working unflooded inactive
6	F	Very high risk	>70		Recent landfill site

Notes: 1. Gas Screening Value = Gas Concentration x Borehole Flow Rate/100

9.5.2 The calculated GSVs for CH_4 and CO_2 are each calculated as 0 due to the absence of stable ground gas. Concentrations of methane measured are <1% and concentrations of carbon dioxide measured are <1%. On this basis the Assessment Site would be considered to fall within Characteristic Situation 1. Under characteristic Situation 1, ground gas protection measures are not required at the Assessment Site.

9.5.3 It is noted that the full number of gas monitoring rounds recommended in CIRIA C665 have not been undertaken. As such the current assessment should be considered preliminary only, with the need for further data to be collected to support detailed design of gas protection measures.

Within the area of the backfilled pond (not investigated due to the close proximity of the high voltage cable) this may demonstrate a higher Characteristic Situation. Further monitoring is likely to be required in support of any planning application.

10 Conclusions and Recommendations

10.1.1 RPS Planning and Development (RPS) was commissioned by SIMS Group UK Ltd to undertake a Phase II intrusive site investigation and assessment on a site known as Unit 6 Tremorfa Industrial Estate, Cardiff. The works are required to determine the extent of ground contamination at the Assessment Site in support of the clients purchase of the site and to determine the baseline contaminant conditions. Additionally, whilst not the primary objective, the report will be suitable to support the initial stages of planning. Following purchase by the client, is understood that the Assessment Site will be used for a commercial end use.

10.1.2 The site investigation has been undertaken to establish the physical ground conditions and the presence or otherwise of ground, gas and groundwater contamination associated with the historical / recent activities undertaken on the Assessment Site.

10.1.3 The intrusive ground investigation was undertaken between the 20th and 23rd March 2017. The investigation comprised the advancement of 3 no. rotary driven boreholes, 12 no. Trial pits and a subsequent groundwater and ground gas monitoring round. The groundwater / gas monitoring round was undertaken on the 31st March 2017, one week following the completion of the intrusive investigation. Gas concentration measurement were taken from 6 monitoring wells (3 no. 19 mm and 3 no. 50 mm wells) and groundwater samples were collected from 3 no. wells (50 mm).

10.1.4 The geological sequence identified at the Assessment Site comprised of Made Ground considered to be associated with the former slag reprocessing works and land raising activities. Tidal Flat Deposits which comprised a soft blue grey silty clay with frequent peat bands were also positively identified across the entirety of the Assessment Site. The Mercia Mudstone formation was encountered in two of the three boreholes advanced at the Assessment Site. This horizon comprised a red clay with frequent weak mudstone bands and was proven to a maximum depth of 15.0 m below ground level. Groundwater was identified to reside at depths of between 5.5 and 6.18 m bgl.

10.1.5 Chemical analysis for inorganic and organic contaminants and asbestos was undertaken on 13 no. soil samples. Organic and inorganic chemical analysis was undertaken on three groundwater samples collected during the groundwater monitoring visit.

10.1.6 Analytical soil and groundwater data confirms that there are concentrations of inorganic and organic contaminants detected above their respective LLoD. Crocidolite asbestos fibres were positively identified at a single location at the Assessment Site (TP1). Ground gas monitoring identified no stable concentrations of carbon dioxide or methane and a negligible flow rate of 0.1 l/hr and low levels of VOCs.

10.1.7 A screening level human health risk assessment has been undertaken based upon the proposed commercial end use. The human health risk assessment identified that chemical contaminant concentrations were typically below the appropriate screening criteria suggesting

that they are unlikely to present an unacceptable risk to human health. Asbestos was identified at one location within the Made Ground (TP1 at 1.6m). It is considered that asbestos may be present at other locations within the Made Ground. Mitigation is considered to be required to address the potential risk from asbestos (both proven and potential) within the Made ground. Mitigation should comprise the placement of hardstanding or a cover system. In areas of non-hardstanding the cover system should comprise a 1 meter layer of inert materials with a separation layer at the base. The cover system may include any topsoil and subsoil required for landscaping purposes.

10.1.8 A screening groundwater risk assessment was undertaken. The groundwater risk assessment identified contaminant concentrations above the selected screening criteria. Whilst these exceedances were identified these were considered to be a result of the regional placement of Made Ground and slag deposits in the area and the heavy industry in the local area. On this basis specific remediation of the Made Ground beneath the Assessment Site is not considered to be warranted.

10.1.9 Based on the available data preliminary gas risk assessment was undertaken. The gas risk assessment identified that the Assessment Site should fall within Characteristic Situation 1. Under characteristic Situation 1, ground gas protection measures are not required at the Assessment Site. Further monitoring will be required to confirm the position and support any subsequent planning application.

10.1.10 It should be noted that the assessments presented within this report are based on the information generated through the ground investigation works. It was not possible to investigate the north-east corner of the Assessment Site due to the presence of a high voltage electricity cable. This area was documented to contain a pond on the available historical map. The potential for further localised contamination within this area cannot be dismissed.

References

Ref. 1 RPS Desk Study and Preliminary Risk Assessment, Tremorfa Industrial Estate Dated 12th April 2017.

Ref. 2 British Standard Institute. 2011. BS10175:2011 Code of Practice for Investigation of Potentially Contaminated Sites. March 2011.

Ref. 3 British Standard Institute. 2009 BS5930-1999+A2:2010 Code of Practice for Site Investigations. October 2009.

Ref. 4 Eurocode 7. 2009. Geotechnical Design Part 2. BS EN 1997-2. Ground Investigation and Testing.

Ref. 5 DEFRA and Environment Agency (2004). Model Procedures for the Management of Contaminated Land, R&D Publication CLR11.

Ref. 6 Land Quality Management Ltd, The LQM/CIEH Generic Assessment Criteria for Human Health Risk Assessment 2nd Edition, 2009.

Ref. 7 CL:AIRE, The Soil Generic Assessment Criteria for Human Health Risk Assessment, December 2009.

Ref.8 CL:AIRE, SP1010 – Development of category 4 screening levels for assessment of land affected by contamination. December 2013.

Ref. 9 Construction Industry Research and Information Association. 2007. Report C665: Assessing Risk Posed by Hazardous Ground Gases to Buildings.

Ref. 10 British Standards Institution BS 8485: Code of Practice for the characterization and remediation from ground gas in affected developments.

Drawings



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Notes
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Legend

- Site Boundary
- Former Pond
- HV Electric Cable
- LV Electric Cable
- Above Ground Water & Electric Duct

Investigation Locations

- Rotary Borehole
- Trial Pit

Rev	Description	Date	Initial	Checked
A	Actual Locations	APR 17	RJ	DJ

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Client SIMS GROUP UK LTD.

Project TREMORFA, CARDIFF

Title INVESTIGATION LOCATIONS

Status	Drawn By	PM/Checked By
PRELIMINARY	RJ	DJ
Job Ref	**Scale @ A3**	**Date Created**
JER6108	1:750	MAR 17

Drawing Number **JER6108-T-001** Rev **A**

rpsgroup.com

Appendices

Appendix 1

Borehole and Trial Pit Logs

ROTARY CORE BOREHOLE LOG

Borehole No. **BH-1**

Sheet 1 of 2

Project Name:	SIMS - Tremorfa	Co-ordinates:	Date(s): 20/03/2017 - 21/03/2017		Final Depth:
Project No:	JER6108a	Easting:	Drilling Method:	Pipe Diameter: 50mm	15.00m
Location:	Cardiff	Northing:	Comacchio 330	Casing Diameter (mm): 150 / Casing Depth (m): 15.00	Scale:
Client:	SIMS Group UK Ltd	Ground Level (mAOD):	Logged By: DJ		1:50

Well	Water Strike(s)	Core Depth (m)	TCR	SCR	RQD	Fractures	Depth (mbGL)	Thickness (m)	Level (mAOD)	Legend	Stratum Description	Scale
							0.00	(6.90)			Compacted GRAVEL overlying layers of loose and compact slag. Gravel is black silty sandy of fine to medium sub-rounded sandstone with occasional pockets of brick and concrete. (MADE GROUND)	1 2 3 4 5 6
	▼										*6.0m and below damp.*	
							6.90				Very soft light blue grey silty CLAY. (TIDAL FLAT DEPOSITS)	7 8 9 10
			TCR	SCR	RQD	Fractures					Continued on next sheet	

Remarks:
No visual or olfactory evidence of contamination. Groundwater encountered from 6.0m. No testing required. Flush cover. 19mm pipe installation to 6m bgl within made ground.

Groundwater			Drilling Progress	
Depth Strike (m)	Depth Casing (m)	Level After 20 Mins	Depth	Remarks
6.00				

AGS

ROTARY CORE BOREHOLE LOG

Borehole No. **BH-1**

Sheet 2 of 2

Project Name: SIMS - Tremorfa	Co-ordinates:	Date(s): 20/03/2017 - 21/03/2017			Final Depth:
Project No: JER6108a	Easting:	Drilling Method:	Pipe Diameter: 50mm		15.00m
Location: Cardiff	Northing:	Comacchio 330	Casing Diameter (mm): 150	Casing Depth (m): 15.00	Scale:
Client: SIMS Group UK Ltd	Ground Level (mAOD):	Logged By: DJ			1:50

Well	Water Strike(s)	Core Depth (m)	TCR	SCR	RQD	Fractures	Depth (mbGL)	Thickness (m)	Level (mAOD)	Legend	Stratum Description	Scale
								(6.60)				11
												12
												13
							13.50				Red clayey MUDSTONE. (MERCIA MUDSTONE)	14
								(1.50)				15
											Borehole terminated at 15m bgl. End of Borehole at 15.000m	16
												17
												18
												19
												20
			TCR	SCR	RQD	Fractures						

Remarks:
No visual or olfactory evidence of contamination. Groundwater encountered from 6.0m. No testing required. Flush cover. 19mm pipe installation to 6m bgl within made ground.

Groundwater			Drilling Progress	
Depth Strike (m)	Depth Casing (m)	Level After 20 Mins	Depth	Remarks
6.00				

AGS

ROTARY CORE BOREHOLE LOG

Borehole No. **BH-2**

Sheet 1 of 2

Project Name:	SIMS - Tremorfa	Co-ordinates:	Date(s): 22/03/2017		Final Depth:
Project No:	JER6108a	Easting:	Drilling Method:	Pipe Diameter: 50mm	15.00m
Location:	Cardiff	Northing:	Comacchio 330	Casing Diameter (mm) 150 / Casing Depth (m) 15.00	Scale:
Client:	SIMS Group UK Ltd	Ground Level (mAOD):	Logged By: DJ		1:50

Well	Water Strike(s)	Core Depth (m)	TCR	SCR	RQD	Fractures	Depth (mbGL)	Thickness (m)	Level (mAOD)	Legend	Stratum Description	Scale
							0.00	(7.00)			Black grey sandy gravel of slag. (MADE GROUND)	
							7.00				Very soft blue grey silty CLAY. (TIDAL FLAT DEPOSITS)	
			TCR	SCR	RQD	Fractures					Continued on next sheet	

Remarks:
No visual or olfactory evidence of contamination. Unable to tell water strikes as water flush was used. No testing required. Flush cover. 19mm pipe installation to 5m bgl within made ground.

Groundwater			Drilling Progress	
Depth Strike (m)	Depth Casing (m)	Level After 20 Mins	Depth	Remarks

AGS

ROTARY CORE BOREHOLE LOG

Borehole No. **BH-2**

Sheet 2 of 2

Project Name: SIMS - Tremorfa	Co-ordinates:	Date(s): 22/03/2017			Final Depth:
Project No: JER6108a	Easting:	Drilling Method:	Pipe Diameter: 50mm		15.00m
Location: Cardiff	Northing:	Comacchio 330	Casing Diameter (mm): 150	Casing Depth (m): 15.00	Scale:
Client: SIMS Group UK Ltd	Ground Level (mAOD):	Logged By: DJ			1:50

Well	Water Strike(s)	Core Depth (m)	TCR	SCR	RQD	Fractures	Depth (mbGL)	Thickness (m)	Level (mAOD)	Legend	Stratum Description	Scale
								(7.00)				11
												12
												13
							14.00				Light red clayey MUDSTONE. (MERCIA MUDSTONE)	14
								(1.00)				15
											Borehole terminated at 15m bgl. End of Borehole at 15.000m	16
												17
												18
												19
												20
			TCR	SCR	RQD	Fractures						

Remarks:
No visual or olfactory evidence of contamination. Unable to tell water strikes as water flush was used. No testing required. Flush cover. 19mm pipe installation to 5m bgl within made ground.

Groundwater			Drilling Progress	
Depth Strike (m)	Depth Casing (m)	Level After 20 Mins	Depth	Remarks

AGS

ROTARY CORE BOREHOLE LOG

Borehole No. **BH-3**

Sheet 1 of 2

Project Name:	SIMS - Tremorfa	Co-ordinates:	Date(s): 23/03/2017		Final Depth:
Project No:	JER6108a	Easting:	Drilling Method:	Pipe Diameter: 50mm	15.00m
Location:	Cardiff	Northing:	Comacchio 330	Casing Diameter (mm) 150 / Casing Depth (m) 15.00	Scale:
Client:	SIMS Group UK Ltd	Ground Level (mAOD):	Logged By: DJ		1:50

Well	Water Strike(s)	Core Depth (m)	TCR	SCR	RQD	Fractures	Depth (mbGL)	Thickness (m)	Level (mAOD)	Legend	Stratum Description	Scale
							0.00	(8.30)			Brown black sandy GRAVEL of brick, concrete and fused slag. (MADE GROUND)	1 2 3 4 5 6 7 8 9 10
							8.30				Blue grey silty CLAY. (TIDAL FLAT DEPOSITS)	
			TCR	SCR	RQD	Fractures					Continued on next sheet	

Remarks:
No visual or olfactory evidence of contamination. Unable to tell water strikes as water flush was used. No testing required. Flush cover. 19mm pipe installation to 6m bgl within made ground.

Groundwater			Drilling Progress	
Depth Strike (m)	Depth Casing (m)	Level After 20 Mins	Depth	Remarks

AGS

ROTARY CORE BOREHOLE LOG

Borehole No. **BH-3**

Sheet 2 of 2

Project Name:	SIMS - Tremorfa	Co-ordinates:	Date(s): 23/03/2017		Final Depth:
Project No:	JER6108a	Easting:	Drilling Method:	Pipe Diameter: 50mm	15.00m
Location:	Cardiff	Northing:	Comacchio 330	Casing Diameter (mm) 150 / Casing Depth (m) 15.00	Scale:
Client:	SIMS Group UK Ltd	Ground Level (mAOD):	Logged By: DJ		1:50

Well	Water Strike(s)	Core Depth (m)	TCR	SCR	RQD	Fractures	Depth (mbGL)	Thickness (m)	Level (mAOD)	Legend	Stratum Description	Scale
								(6.70)			Borehole terminated at 15m bgl. End of Borehole at 15.000m	11 12 13 14 15 16 17 18 19 20
			TCR	SCR	RQD	Fractures						

Remarks:
No visual or olfactory evidence of contamination. Unable to tell water strikes as water flush was used. No testing required. Flush cover. 19mm pipe installation to 6m bgl within made ground.

Groundwater			Drilling Progress	
Depth Strike (m)	Depth Casing (m)	Level After 20 Mins	Depth	Remarks

AGS

TRIAL PIT LOG

Pit No. **TP-1**

Sheet 1 of 1

Project Name:	SIMS - Tremorfa	Co-ordinates:	Date(s): 21/03/2017		Final Depth:
Project No:	JER6108a	Easting:	Equipment:	Orientation: 0°	1.60m
Location:	Cardiff	Northing:	JCB 3CX Eco	Pit Length: 2.80 m	Scale:
Client:	SIMS Group UK Ltd	Ground Level (mAOD):	Logged By: DJ	Pit Width: 0.80 m	1:25

Backfill	Water Strike(s)	Samples & In Situ Testing			Depth (mbGL)	Thickness (m)	Level (mAOD)	Legend	Stratum Description	Scale
		Depth (m)	Type	Results						
					0.00				Dark brown grey sandy GRAVEL of brick concrete and slag with frequent cobbles of brick, concrete, sandstone and fused slag. (MADE GROUND)	
		0.60	ES			(1.60)				1
		1.60	ES						Terminated on hard stratum (refusal). End of Pit at 1.60m	2
										3
										4
										5

Remarks: No visual or olfactory evidence of contamination identified. Very compact throughout. Concrete obstruction in north face of pit at 1.0m.

Groundwater: Dry

Stability: Stable

TRIAL PIT LOG

Pit No. **TP-10** Sheet 1 of 1

Project Name:	SIMS - Tremorfa	Co-ordinates:	Date(s): 22/03/2017		Final Depth:
Project No:	JER6108a	Easting:	Equipment:	Orientation: 0°	1.80m
Location:	Cardiff	Northing:	JCB 3CX Eco	Pit Length: 2.70 m	Scale:
Client:	SIMS Group UK Ltd	Ground Level (mAOD):	Logged By: DJ	Pit Width: 1.00 m	1:25

Backfill	Water Strike(s)	Samples & In Situ Testing			Depth (mbGL)	Thickness (m)	Level (mAOD)	Legend	Stratum Description	Scale
		Depth (m)	Type	Results						
					0.00				Grey red sandy GRAVEL of sandstone, concrete, brick and slag. (MADE GROUND)	
									At 0.25mbgl redundant water, electric and telecom services.	
		0.60	ES			(1.20)				
					1.20				Grey black sandy GRAVEL of fused slag. (MADE GROUND)	
						(0.60)				
		1.80	ES						Terminated on hard stratum (refusal). End of Pit at 1.80m	

Remarks: No visual or olfactory evidence of contamination identified.

Groundwater: Dry

Stability: Stable.

TRIAL PIT LOG

Pit No. **TP-11**

Sheet 1 of 1

Project Name:	SIMS - Tremorfa	Co-ordinates:	Date(s): 22/03/2017		Final Depth:
Project No:	JER6108a	Easting:	Equipment:	Orientation: 0°	1.60m
Location:	Cardiff	Northing:	JCB 3CX Eco	Pit Length: 3.80 m	Scale:
Client:	SIMS Group UK Ltd	Ground Level (mAOD):	Logged By: DJ	Pit Width: 1.10 m	1:25

Backfill	Water Strike(s)	Samples & In Situ Testing			Depth (mbGL)	Thickness (m)	Level (mAOD)	Legend	Stratum Description	Scale
		Depth (m)	Type	Results						
					0.00	(1.60)			Brown grey sandy GRAVEL and cobbles of fused / loose slag with occasional brick cobbles throughout. (MADE GROUND)	1
		1.60	ES						Terminated on hard stratum (refusal). End of Pit at 1.60m	2
										3
										4
										5

Remarks: No visual or olfactory evidence of contamination identified.

Groundwater: Dry

Stability: Stable.

TRIAL PIT LOG

Pit No. **TP-12**

Sheet 1 of 1

Project Name:	SIMS - Tremorfa	Co-ordinates:	Date(s): 22/03/2017		Final Depth:
Project No:	JER6108a	Easting:	Equipment:	Orientation: 0°	2.00m
Location:	Cardiff	Northing:	JCB 3CX Eco	Pit Length: 3.60 m	Scale:
Client:	SIMS Group UK Ltd	Ground Level (mAOD):	Logged By: DJ	Pit Width: 1.20 m	1:25

Backfill	Water Strike(s)	Samples & In Situ Testing			Depth (mbGL)	Thickness (m)	Level (mAOD)	Legend	Stratum Description	Scale
		Depth (m)	Type	Results						
					0.00				Dark brown, black, grey, sandy GRAVEL with frequent cobbles of fused slag and concrete. Frequent blocks of wood and whole bricks throughout. (MADE GROUND)	
						(2.00)				1
		2.00	ES						Terminated on hard stratum (refusal). End of Pit at 2.00m	2
										3
										4
										5

Remarks: No visual or olfactory evidence of contamination identified. Trial Pit advanced around BH-1 due to stuck casing.

Groundwater: Dry

Stability: Stable.

AGS

TRIAL PIT LOG

Pit No. **TP-2**

Sheet 1 of 1

Project Name:	SIMS - Tremorfa	Co-ordinates:	Date(s): 21/03/2017		Final Depth:
Project No:	JER6108a	Easting:	Equipment:	Orientation: 280°	1.20m
Location:	Cardiff	Northing:	JCB 3CX Eco	Pit Length: 3.20 m	Scale:
Client:	SIMS Group UK Ltd	Ground Level (mAOD):	Logged By: DJ	Pit Width: 0.80 m	1:25

Backfill	Water Strike(s)	Samples & In Situ Testing			Depth (mbGL)	Thickness (m)	Level (mAOD)	Legend	Stratum Description	Scale
		Depth (m)	Type	Results						
					0.00				Dark brown, burgendy in places sandy GRAVEL with frequent cobbles of fused slag and concrete. (MADE GROUND)	
						(1.20)				
		1.20	ES						Terminated on hard stratum (refusal). End of Pit at 1.20m	

Remarks: No visual or olfactory evidence of contamination identified. Frequent areas of fired slag.

Groundwater: Dry

Stability: Stable

TRIAL PIT LOG

Pit No. **TP-3**

Sheet 1 of 1

Project Name:	SIMS - Tremorfa	Co-ordinates:	Date(s): 21/03/2017		Final Depth:
Project No:	JER6108a	Easting:	Equipment:	Orientation: 0°	1.80m
Location:	Cardiff	Northing:	JCB 3CX Eco	Pit Length: 3.50 m	Scale:
Client:	SIMS Group UK Ltd	Ground Level (mAOD):	Logged By: DJ	Pit Width: 0.40 m	1:25

Backfill	Water Strike(s)	Samples & In Situ Testing			Depth (mbGL)	Thickness (m)	Level (mAOD)	Legend	Stratum Description	Scale
		Depth (m)	Type	Results						
					0.00				Brown, black, grey sandy GRAVEL of brick slag and concrete with frequent cobbles of concrete and fused slag. (MADE GROUND)	
						(1.80)				1
		1.80	ES						Terminated on hard stratum (refusal). End of Pit at 1.80m	2
										3
										4
										5

Remarks: No visual or olfactory evidence of contamination identified.

Groundwater: Dry

Stability: Stable.

AGS

TRIAL PIT LOG

Pit No. **TP-4**

Sheet 1 of 1

Project Name:	SIMS - Tremorfa	Co-ordinates:	Date(s): 21/03/2017		Final Depth:
Project No:	JER6108a	Easting:	Equipment:	Orientation: 280°	1.70m
Location:	Cardiff	Northing:	JCB 3CX Eco	Pit Length: 3.00 m	Scale:
Client:	SIMS Group UK Ltd	Ground Level (mAOD):	Logged By: DJ	Pit Width: 0.40 m	1:25

Backfill	Water Strike(s)	Samples & In Situ Testing			Depth (mbGL)	Thickness (m)	Level (mAOD)	Legend	Stratum Description	Scale
		Depth (m)	Type	Results						
					0.00				Dark brown grey red sandy GRAVEL of sandstone and slag with frequent cobbles of fused slag. (MADE GROUND)	
		0.50	ES			(1.70)				1
		1.70	ES						Terminated on hard stratum (refusal). End of Pit at 1.70m	2
										3
										4
										5

Remarks: No visual or olfactory evidence of contamination identified. Concrete obstructions throughout. Top 1.0m not as compact at previous SI locations.

Groundwater: Dry

Stability: Stable.

TRIAL PIT LOG

Pit No. **TP-5**

Sheet 1 of 1

Project Name:	SIMS - Tremorfa	Co-ordinates:	Date(s): 21/03/2017		Final Depth:
Project No:	JER6108a	Easting:	Equipment:	Orientation: 0°	2.70m
Location:	Cardiff	Northing:	JCB 3CX Eco	Pit Length: 3.20 m	Scale:
Client:	SIMS Group UK Ltd	Ground Level (mAOD):	Logged By: DJ	Pit Width: 1.40 m	1:25

Backfill	Water Strike(s)	Samples & In Situ Testing			Depth (mbGL)	Thickness (m)	Level (mAOD)	Legend	Stratum Description	Scale
		Depth (m)	Type	Results						
					0.00				Dark brown red sandy GRAVEL of sandstone and slag with frequent cobbles of fused slag. (MADE GROUND)	
		0.75	ES			(2.70)				1
		2.70	ES						Terminated on hard stratum (refusal). End of Pit at 2.70m	2
										3
										4
										5

Remarks: No visual or olfactory evidence of contamination identified. Very dense and compact from 2.0m.

Groundwater: Dry

Stability: Stable.

AGS

TRIAL PIT LOG

Pit No. **TP-6**

Sheet 1 of 1

Project Name:	SIMS - Tremorfa	Co-ordinates:	Date(s): 21/03/2017		Final Depth:
Project No:	JER6108a	Easting:	Equipment:	Orientation: 0°	1.10m
Location:	Cardiff	Northing:	JCB 3CX Eco	Pit Length: 2.70 m	Scale:
Client:	SIMS Group UK Ltd	Ground Level (mAOD):	Logged By: DJ	Pit Width: 0.40 m	1:25

Backfill	Water Strike(s)	Samples & In Situ Testing			Depth (mbGL)	Thickness (m)	Level (mAOD)	Legend	Stratum Description	Scale
		Depth (m)	Type	Results						
					0.00	(1.10)			Dark brown occasionally black sandy GRAVEL of concrete, brick and slag with frequent cobbles of slag, concrete and whole bricks. Other inclusions noted include metal and wood throughout. (MADE GROUND)	1
		1.10	ES						Terminated on hard stratum (refusal). End of Pit at 1.10m	2
										3
										4
										5

Remarks: No visual or olfactory evidence of contamination identified.

Groundwater: Dry

Stability: Stable

AGS

TRIAL PIT LOG

Pit No. **TP-7**

Sheet 1 of 1

Project Name:	SIMS - Tremorfa	Co-ordinates:	Date(s): 21/03/2017		Final Depth:
Project No:	JER6108a	Easting:	Equipment:	Orientation: 0°	1.20m
Location:	Cardiff	Northing:	JCB 3CX Eco	Pit Length: 2.80 m	Scale:
Client:	SIMS Group UK Ltd	Ground Level (mAOD):	Logged By: DJ	Pit Width: 0.40 m	1:25

Backfill	Water Strike(s)	Samples & In Situ Testing			Depth (mbGL)	Thickness (m)	Level (mAOD)	Legend	Stratum Description	Scale
		Depth (m)	Type	Results						
					0.00				Brown black sandy GRAVEL of slag and concrete with frequent cobbles of fused slag, concrete and brick with occasional whole bricks, metal and plastic. (MADE GROUND)	
						(1.20)				
		1.20	ES						Terminated on hard stratum (refusal). End of Pit at 1.20m	

Remarks: No visual or olfactory evidence of contamination identified.

Groundwater: Dry

Stability: Stable.

TRIAL PIT LOG

Pit No. **TP-8**

Sheet 1 of 1

Project Name:	SIMS - Tremorfa	Co-ordinates:	Date(s): 22/03/2017		Final Depth:
Project No:	JER6108a	Easting:	Equipment:	Orientation: 0°	1.80m
Location:	Cardiff	Northing:	JCB 3CX Eco	Pit Length: 3.80 m	Scale:
Client:	SIMS Group UK Ltd	Ground Level (mAOD):	Logged By: DJ	Pit Width: 1.00 m	1:25

Backfill	Water Strike(s)	Samples & In Situ Testing			Depth (mbGL)	Thickness (m)	Level (mAOD)	Legend	Stratum Description	Scale
		Depth (m)	Type	Results						
					0.00				Dark brown grey sandy GRAVEL of slag, fused slag and concrete with frequent cobbles of fused slag. (MADE GROUND)	
						(1.80)				1
		1.80	ES						Terminated on hard stratum (refusal). End of Pit at 1.80m	2
										3
										4
										5

Remarks: No visual or olfactory evidence of contamination identified.

Groundwater: Dry

Stability: Stable.

AGS

TRIAL PIT LOG

Pit No. **TP-9**

Sheet 1 of 1

Project Name:	SIMS - Tremorfa	Co-ordinates:	Date(s): 22/03/2017		Final Depth:
Project No:	JER6108a	Easting:	Equipment:	Orientation: 0°	1.85m
Location:	Cardiff	Northing:	JCB 3CX Eco	Pit Length: 4.80 m	Scale:
Client:	SIMS Group UK Ltd	Ground Level (mAOD):	Logged By: DJ	Pit Width: 1.00 m	1:25

Backfill	Water Strike(s)	Samples & In Situ Testing			Depth (mbGL)	Thickness (m)	Level (mAOD)	Legend	Stratum Description	Scale
		Depth (m)	Type	Results						
					0.00				Light brown red sandy GRAVEL of sub-angular to sub-rounded concrete, brick, slag and sandstone with frequent inclusions of wood throughout. (MADE GROUND)	1
									Brick wall and large concrete foundation exposed on the east face of Trial Pit with copper rods.	
						(1.85)				2
		1.85	ES						Terminated on concrete obstruction. End of Pit at 1.85m	3
										4
										5

Remarks: No visual or olfactory evidence of contamination. Brick wall (300mm) and large concrete foundation (1500mm) exposed in east face of pit with copper rods.

Groundwater: Dry

Stability: Stable.

Appendix 2

Gas and Groundwater Monitoring Results

Gas Monitoring Record

Project Number:	JER6108
Project Name:	Tremorfa Industrial Estate
Date:	04/04/2017
Logger	D James

Weather:	Fine and dry - 19mm Wells

*mbgl - Meters below Ground Level

			Initial	10 secs	20 secs	30 secs	40 secs	50 secs	60 secs	70 secs	80 secs	90 secs	100 secs	110 secs	120 secs	130 secs	140 secs	150 secs	180 secs	300 secs	Groundwater Level (mbgl*)	Borehole Base (mbgl*)	Comments
Borehole ID	BH1 (19 mm)	**CH4 (%)**	**0.2**	**0.2**	**0.2**	**0.2**	**0.1**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**			
Flow Rate (l/hr)	0.01	**CO2 (%)**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**			
Atmospheric Pressure (mbar)	1017	**H2S (ppm)**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	N/A	N/A	
Borehole Pressure (Pa)	26	**O2 (%)**	**21.4**	**21.4**	**21.1**	**21.1**	**20.9**	**20.9**	**20.7**	**20.7**	**20.6**	**20.6**	**20.6**	**20.6**	**20.6**	**20.6**	**20.6**	**20.6**	**20.6**	**20.6**			
Time		**LEL (%)**	**0.2**	**0.2**	**0.1**	**0.1**	**0.2**	**0.2**	**0.1**	**0.2**	**0.1**	**0.1**	**0.1**	**0**	**0**	**0.1**	**0.1**	**0.1**	**0.1**	**0.1**			
Peak VOC	1.2	**CO (ppm)**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**			

			Initial	10 secs	20 secs	30 secs	40 secs	50 secs	60 secs	70 secs	80 secs	90 secs	100 secs	110 secs	120 secs	130 secs	140 secs	150 secs	180 secs	300 secs	Groundwater Level (mbgl*)	Borehole Base (mbgl*)	Comments
Borehole ID	BH2 (19 mm)	**CH4 (%)**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**			
Flow Rate (l/hr)	0.01	**CO2 (%)**	**0.1**	**0**	**0.1**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**			
Atmospheric Pressure (mbar)	1019	**H2S (ppm)**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	N/A	N/A	
Borehole Pressure (Pa)	28	**O2 (%)**	**18.4**	**18.1**	**17.9**	**16.3**	**16.1**	**16.4**	**15.6**	**15.4**	**15.1**	**15.1**	**15.8**	**15.9**	**16.1**	**16.3**	**16.6**	**16.6**	**16.6**	**16.5**			
Time		**LEL (%)**	**0.1**	**0.1**	**0.2**	**0.2**	**0.2**	**0.2**	**0.4**	**0.4**	**0.6**	**0.7**	**0.6**	**0.7**	**0.7**	**0.6**	**0.6**	**0.7**	**0.6**	**0.6**			
Peak VOC	6.1	**CO (ppm)**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**			

			Initial	10 secs	20 secs	30 secs	40 secs	50 secs	60 secs	70 secs	80 secs	90 secs	100 secs	110 secs	120 secs	130 secs	140 secs	150 secs	180 secs	300 secs	Groundwater Level (mbgl*)	Borehole Base (mbgl*)	Comments
Borehole ID	BH3 (19 mm)	**CH4 (%)**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**			
Flow Rate (l/hr)	0.01	**CO2 (%)**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**			
Atmospheric Pressure (mbar)	1020	**H2S (ppm)**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	N/A	N/A	
Borehole Pressure (Pa)	29	**O2 (%)**	**22.6**	**21.6**	**18.7**	**14.7**	**9.8**	**9.4**	**30.1**	**26.4**	**22.3**	**21.9**	**21.6**	**21.5**	**21.3**	**21.2**	**21.1**	**21.1**	**21.1**	**20.8**			
Time		**LEL (%)**	**0.1**	**0.2**	**0.2**	**0.2**	**0.1**	**0.1**	**0.1**	**0.1**	**0.1**	**0.1**	**0.1**	**0.1**	**0.1**	**0.1**	**0.1**	**0.1**	**0.1**	**0**			
Peak VOC	2.1	**CO (ppm)**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**			

Gas Monitoring Record

Project Number:	JER6108
Project Name:	Tremorfa Industrial Estate
Date:	04/04/2017
Logger	D James

Weather:	Fine and dry - 50mm Wells

*mbgl - Meters below Ground Level

			Initial	10 secs	20 secs	30 secs	40 secs	50 secs	60 secs	70 secs	80 secs	90 secs	100 secs	110 secs	120 secs	130 secs	140 secs	150 secs	180 secs	300 secs	Groundwater Level (mbgl*)	Borehole Base (mbgl*)	Comments
Borehole ID	BH1 (50 mm)	**CH4 (%)**	0.1	0.1	0.1	0.1	0	0	0	0.2	0.2	0.1	0.1	0.1	0.1	0	0	0	0	0			
Flow Rate (l/hr)	0.01	**CO2 (%)**	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0			
Atmospheric Pressure (mbar)	1017	**H2S (ppm)**	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	5.53	12.36	
Borehole Pressure (Pa)	26	**O2 (%)**	21.9	21.8	21.8	21.6	21.6	21.4	21.4	21	21	21	20.9	20.9	20.9	20.7	20.6	20.5	20.5	20.5			
Time		**LEL (%)**	3.1	3.1	3	2.6	2.4	2.4	2.4	2.1	2.1	2.1	2.1	2.1	1.8	1.9	1.8	1.6	1.5	1.5			
Peak VOC	4.4	**CO (ppm)**	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0			

			Initial	10 secs	20 secs	30 secs	40 secs	50 secs	60 secs	70 secs	80 secs	90 secs	100 secs	110 secs	120 secs	130 secs	140 secs	150 secs	180 secs	300 secs	Groundwater Level (mbgl*)	Borehole Base (mbgl*)	Comments
Borehole ID	BH2 (50 mm)	**CH4 (%)**	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0			
Flow Rate (l/hr)	0.01	**CO2 (%)**	0.1	0	0.1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0			
Atmospheric Pressure (mbar)	1018	**H2S (ppm)**	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	5.67	14.85	
Borehole Pressure (Pa)	27	**O2 (%)**	20.9	20.4	19.3	18.6	18.6	18.8	18.8	18.8	18.6	18.8	18.6	18.6	18.6	18.8	18.8	18.8	18.8	18.8			
Time		**LEL (%)**	1	0.8	0.8	0.9	1	0.6	0	0	0	0	0	0.1	0.2	0.1	0	0	0	0			
Peak VOC	0.8	**CO (ppm)**	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0			

			Initial	10 secs	20 secs	30 secs	40 secs	50 secs	60 secs	70 secs	80 secs	90 secs	100 secs	110 secs	120 secs	130 secs	140 secs	150 secs	180 secs	300 secs	Groundwater Level (mbgl*)	Borehole Base (mbgl*)	Comments
Borehole ID	BH3 (50 mm)	**CH4 (%)**	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0			
Flow Rate (l/hr)	0.01	**CO2 (%)**	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0			
Atmospheric Pressure (mbar)	1019	**H2S (ppm)**	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	6.18	14.65	
Borehole Pressure (Pa)	28	**O2 (%)**	18.4	18.1	18.9	19.4	19.9	20	20.1	20.3	20.3	20.3	20.3	20.6	20.3	20.3	20.3	20.3	20.3	20.3			
Time		**LEL (%)**	0.2	0.2	0.1	1.1	1.1	1.1	1.1	0.6	0.8	1.1	0.4	0.5	0.6	0.6	0.5						
Peak VOC	1.2	**CO (ppm)**	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0			

Appendix 3

Laboratory Analytical Results

Our Ref: EFS/173390M (Ver. 1)
Your Ref: JER6108

April 6, 2017

Environmental Chemistry
ESG
Bretby Business Park
Ashby Road
Burton-on-Trent
Staffordshire
DE15 0YZ

Telephone: 01283 554400
Facsimile: 01283 554422

Daniel James
RPS
2420 The Quadrant
Aztec West
Almondsbury
Bristol
BS32 4AQ

For the attention of Daniel James

Dear Daniel James

Sample Analysis - JER6108 Tremorfa Industrial Estate

Samples from the above site have been analysed in accordance with the schedule supplied.
The sample details and the results of analyses for these samples are given in the appended report.

An invoice for this work will follow under a separate cover.

Where appropriate the samples will be kept until 10/05/17 when they will be discarded. Please call 01283 554458 for an extension of this date.
Please be aware that our policy for the retention of paper based laboratory records and analysis reports is 6 years.

The work was carried out in accordance with Environmental Scientifics Group Ltd (Laboratory and Analytical) Standard Terms and Conditions of Contract.

If I can be of any further assistance please do not hesitate to contact me.

Yours sincerely

for ESG

J Chislett
Project Co-ordinator
01283 554458

Environmental Chemistry, ESG, P.O. Box 100, Burton-upon-trent, DE15 0XD Tel: 01283 554400 Fax: 01283 554422
Environmental Scientifics Group Limited.
Registered No: 2880501

TEST REPORT

1252

Report No. EFS/173390M (Ver. 1)

RPS
RPS
2420 The Quadrant
Aztec West
Almondsbury
Bristol
BS32 4AQ

Site: JER6108 Tremorfa Industrial Estate

The 17 samples described in this report were registered for analysis by ESG on 29-Mar-2017. This report supersedes any versions previously issued by the laboratory.
The analysis was completed by: 06-Apr-2017

Tests where the accreditation is set to N or No, and any individual data items marked with a * are not UKAS or MCERTS accredited. Any opinions or interpretations expressed herein are outside the scope of any UKAS accreditation held by ESG.

The following tables are contained in this report:

Table 1 Main Analysis Results (Pages 2 to 3)
Table of PAH (MS-SIM) (80) Results (Pages 4 to 16)
Table of PCB Congener (12) Results (Page 17)
Table of SVOC Results (Pages 18 to 21)
Table of GRO Results (Page 22)
Table of TPH (Si) banding (UK-CWG) (Page 23)
Table of VOC (HSA) Results (Pages 24 to 27)
Table of Asbestos Screening Results (Page 28)
Analytical and Deviating Sample Overview (Pages 29 to 32)
Table of Additional Report Notes (Page 33)
Table of Method Descriptions (Page 34)
Table of Report Notes (Page 35)
Table of Sample Descriptions (Appendix A Page 1 of 1)

On behalf of
ESG :
Tim Barnes

Operations Director
Energy & Waste Services

Date of Issue: 06-Apr-2017

Accreditation Codes: **N** (Not Accredited), **U** (UKAS), **UM** (UKAS & MCERTS)
Tests marked '^' have been subcontracted to another laboratory.
(NVM) - denotes the sample matrix is dissimilar to matrices upon which the MCERTS validation was based, and is therefore not accredited for MCERTS.
All results are reported on a dry weight basis at 105°C unless otherwise stated. (except QC samples)
ESG accepts no responsibility for any sampling not carried out by our personnel.

Where individual results are flagged see report notes for status.

Units :			mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	µg/kg	pH Units	%
Method Codes :			GROHSA	ICPBOR	ICPMSS	ICPMSS	ICPMSS	ICPMSS	ICPMSS	ICPMSS	ICPMSS	ICPMSS	ICPMSS	ICPSOIL	ICPSOIL	PCBECD	PHSOIL	Sub002
Method Reporting Limits :			0.2	0.5	0.3	0.2	1.2	1.6	0.7	0.5	2	0.5	16	0.5	0.1	5		
Accreditation Code:				UM	UM	UM	UM	UM	UM	UM	UM	UM	UM	UM	UM		UM	U
LAB ID Number CL/	**Client Sample Description**	**Sample Date**	**GRO (AA-UK) HSA-GCFID**	**Boron (H20 Soluble)**	**Arsenic (MS)**	**Cadmium (MS)**	**Chromium (MS)**	**Copper (MS)**	**Lead (MS)**	**Mercury (MS)**	**Nickel (MS)**	**Selenium (MS)**	**Zinc (MS)**	**Barium.**	**Beryllium.**	**PCB-12 Congeners Analysis**	**pH units (AR)**	**^Asbestos Screen & ID (Stage 1)**
1753659	TP1 0.60	21-Mar-17	Req	5.6	4.4	0.52	1530	119.3	46.5	<0.50	28.1	1.8	247	1070	2.67	Req	11.1	
1753660	TP2 1.20	21-Mar-17	Req	4.1	33.2	3.52	383.0	80.1	580.3	0.74	19.1	5.5	835.8	490	4.92		11.3	
1753661	TP4 0.50	21-Mar-17																NAIIS
1753662	TP4 1.70	21-Mar-17	Req	4.2	5.4	1.02	66.2	30.0	62.1	<0.5	11.6	3.3	148.2	1120	4.44		10.7	NAIIS
1753663	TP5 0.75	21-Mar-17	Req	1.6	6.6	0.89	48.8	27.2	65.9	<0.5	16.4	1.8	188.4	419	1.69		9.5	NAIIS
1753664	TP6 1.10	21-Mar-17	Req	4.0	16.6	2.01	1270	107.6	357.2	1.21	24.0	3.7	881	1130	3.75		11.2	NAIIS
1753665	TP7 1.20	21-Mar-17																NAIIS
1753666	TP8 1.80	22-Mar-17	Req	6.9	6.3	1.21	256.7	45.9	95.4	<0.52	17.6	4.7	267.6	555	6.94		10.9	NAIIS
1753667	TP10 0.60	22-Mar-17	Req	6.5	3.3	1.47	250.9	38.3	38.5	<0.51	21.6	3.2	219.9	1330	5.30	Req	11.1	NAIIS
1753668	TP11 1.60	22-Mar-17	Req	5.9	3.9	0.87	552.3	96.7	177.0	<0.52	18.9	4.3	227.9	1260	6.45		9.9	NAIIS
1753669	TP12 2.00	22-Mar-17	Req	5.2	12.1	1.54	809.6	65.4	255.4	0.97	15	3.8	402	1200	4.42		11.7	NAIIS
1753670	BH-1 1.00	20-Mar-17																NAIIS
1753671	BH-1 8.00	20-Mar-17	Req	8.2	13.7	0.35	67.2	20.3	53.7	<0.55	29.1	1.4	133.0	294	1.80		9.8	
1753672	BH2 7.00-9.00	22-Mar-17	Req	8	12.4	0.39	410.4	33.0	62.2	<0.67	32.5	1	114.2	326	1.79		10	
1753673	BH2 15.00	22-Mar-17	Req	7	6.2	0.23	49	18.1	25.9	<0.5	39.9	0.6	108	97.8	1.46		9.6	
1753674	BH3 6.00-7.00	23-Mar-17																NAIIS
1753675	BH3 13.50-15.00	23-Mar-17	Req	5	10.1	0.26	315.3	22.6	31.7	<0.54	27	<0.5	87.5	108	0.765		10.4	

ESG

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Client Name	**RPS**
Contact	Daniel James

JER6108 Tremorfa Industrial Estate

Sample Analysis

Date Printed	**06-Apr-2017**
Report Number	**EFS/173390M**
Table Number	**1**

Where individual results are flagged see report notes for status.
Results corrected to dry weight at 105°C where appropriate, in accordance with the MCERTS standard.

Units :			mg/kg	%	mg/kg	µg/kg	% M/M	% M/M	mg/kg	mg/kg									
Method Codes :			SVOCMSUS	TMSS	TPHUSSI	VOCHSAS	WSLM59	FOCS	ICPMSS	PAHMSUS									
Method Reporting Limits :				0.1	10		0.01	0.04	0.6										
Accreditation Code:				U			N	N	N										
LAB ID Number CL/	**Client Sample Description**	**Sample Date**	**SVOC by GCMS (AR)**	**Tot.Moisture @ 105C**	**TPH by GCFID (Si-UKCWG)>44**	**VOC HSA-GCMS**	**Total Organic Carbon**	**S.O.M. % (Calc)**	**Vanadium (MS)**	**PAH (16) by GCMS**									
1753659	TP1 0.60	21-Mar-17	Req	6.0	Req	Req	0.599§	1.03	109	Req									
1753660	TP2 1.20	21-Mar-17		12.4	Req		1.992§	3.44	347.2	Req									
1753661	TP4 0.50	21-Mar-17																	
1753662	TP4 1.70	21-Mar-17		9.6	Req				45.1	Req									
1753663	TP5 0.75	21-Mar-17	Req	5.8	Req	Req	1.756§	3.03	23.1	Req									
1753664	TP6 1.10	21-Mar-17		12.5	Req		0.999§	1.72	571.9	Req									
1753665	TP7 1.20	21-Mar-17																	
1753666	TP8 1.80	22-Mar-17		14.7	Req				127.9	Req									
1753667	TP10 0.60	22-Mar-17	Req	10.8	Req	Req			82.7	Req									
1753668	TP11 1.60	22-Mar-17		12.4	Req		1.001§	1.73	72.9	Req									
1753669	TP12 2.00	22-Mar-17	Req	14.8	Req	Req			780.1	Req									
1753670	BH-1 1.00	20-Mar-17																	
1753671	BH-1 8.00	20-Mar-17		34.2	Req				66	Req									
1753672	BH2 7.00-9.00	22-Mar-17		47.9	Req		2.938§	5.06	402.8	Req									
1753673	BH2 15.00	22-Mar-17		28.4	Req				59.5	Req									
1753674	BH3 6.00-7.00	23-Mar-17																	
1753675	BH3 13.50-15.00	23-Mar-17		28.7	Req				199.2	Req									

ESG

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Client Name RPS

Contact Daniel James

JER6108 Tremorfa Industrial Estate

Sample Analysis

Date Printed	**06-Apr-2017**
Report Number	**EFS/173390M**
Table Number	**1**

Where individual results are flagged see report notes for status.
Results corrected to dry weight at 105°C where appropriate, in accordance with the MCERTS standard.

Polycyclic Aromatic Hydrocarbons
GC/MS (SIM)

Customer and Site Details:	RPS: JER6108 Tremorfa Industrial Estate		
Sample Details:	TP1 0.60	**Job Number:**	S17_3390M
LIMS ID Number:	CL1753659	**Date Booked in:**	29-Mar-17
QC Batch Number:	170374	**Date Extracted:**	31-Mar-17
Quantitation File:	Initial Calibration	**Date Analysed:**	03-Apr-17
Directory:	117PAH.MS17\	**Matrix:**	Soil
Dilution:	1.0	**Ext Method:**	Ultrasonic

Accredited?: Yes

Target Compounds	CAS #	R.T. (min)	Concentration mg/kg	% Fit	Accr. code
Naphthalene	91-20-3	-	< 0.09	-	**UM**
Acenaphthylene	208-96-8	-	< 0.09	-	U
Acenaphthene	83-32-9	-	< 0.09	-	UM
Fluorene	86-73-7	-	< 0.09	-	UM
Phenanthrene	85-01-8	-	< 0.09	-	UM
Anthracene	120-12-7	-	< 0.09	-	U
Fluoranthene	206-44-0	-	< 0.09	-	UM
Pyrene	129-00-0	-	< 0.09	-	UM
Benzo[a]anthracene	56-55-3	-	< 0.09	-	UM
Chrysene	218-01-9	-	< 0.09	-	UM
Benzo[b]fluoranthene	205-99-2	9.99	0.10	78	UM
Benzo[k]fluoranthene	207-08-9	-	< 0.09	-	UM
Benzo[a]pyrene	50-32-8	-	< 0.09	-	UM
Indeno[1,2,3-cd]pyrene	193-39-5	11.77	0.10	92	UM
Dibenzo[a,h]anthracene	53-70-3*	-	< 0.09	-	N
Benzo[g,h,i]perylene	191-24-2	-	< 0.09	-	UM
Total (USEPA16) PAHs	-	-	< 1.39	-	N

"M" denotes that % fit has been manually interpreted

Internal Standards	% Area
1,4-Dichlorobenzene-d4	NA
Naphthalene-d8	116
Acenaphthene-d10	122
Phenanthrene-d10	123
Chrysene-d12	134
Perylene-d12	143

Surrogates	% Rec
Nitrobenzene-d5	NA
2-Fluorobiphenyl	91
Terphenyl-d14	73

Concentrations are reported on a dry weight basis.

The Total PAH result is the sum of non-rounded individual PAH results and therefore may differ to the sum of the rounded individual PAH results printed above. By convention, where any one or more result is a "less than", the total is expressed as a "less than" and includes the "less than" concentration within the total.

Polycyclic Aromatic Hydrocarbons
GC/MS (SIM)

Customer and Site Details:	RPS: JER6108 Tremorfa Industrial Estate		
Sample Details:	TP2 1.20	**Job Number:**	S17_3390M
LIMS ID Number:	CL1753660	**Date Booked in:**	29-Mar-17
QC Batch Number:	170374	**Date Extracted:**	31-Mar-17
Quantitation File:	Initial Calibration	**Date Analysed:**	03-Apr-17
Directory:	117PAH.MS17\	**Matrix:**	Soil
Dilution:	1.0	**Ext Method:**	Ultrasonic

Accredited?: Yes

Target Compounds	CAS #	R.T. (min)	Concentration mg/kg	% Fit	Accr. code
Naphthalene	91-20-3	3.02	0.16	95	**UM**
Acenaphthylene	208-96-8	-	< 0.09	-	U
Acenaphthene	83-32-9	4.16	0.13	92	UM
Fluorene	86-73-7	4.52	0.10	99	UM
Phenanthrene	85-01-8	5.31	0.82	99	UM
Anthracene	120-12-7	5.35	0.20	98	U
Fluoranthene	206-44-0	6.58	1.30	92	UM
Pyrene	129-00-0	6.85	0.96	95	UM
Benzo[a]anthracene	56-55-3	8.49	0.70	96	UM
Chrysene	218-01-9	8.54	0.76	96	UM
Benzo[b]fluoranthene	205-99-2	9.99	1.00	85	UM
Benzo[k]fluoranthene	207-08-9	10.03	0.38	97	UM
Benzo[a]pyrene	50-32-8	10.41	0.70	95	UM
Indeno[1,2,3-cd]pyrene	193-39-5	11.77	0.65	90	UM
Dibenzo[a,h]anthracene	53-70-3*	11.81	0.21	93	N
Benzo[g,h,i]perylene	191-24-2	12.05	0.55	95	UM
Total (USEPA16) PAHs	-	-	< 8.76	-	N

"M" denotes that % fit has been manually interpreted

Internal Standards	% Area
1,4-Dichlorobenzene-d4	NA
Naphthalene-d8	113
Acenaphthene-d10	119
Phenanthrene-d10	118
Chrysene-d12	132
Perylene-d12	146

Surrogates	% Rec
Nitrobenzene-d5	NA
2-Fluorobiphenyl	89
Terphenyl-d14	75

Concentrations are reported on a dry weight basis.

The Total PAH result is the sum of non-rounded individual PAH results and therefore may differ to the sum of the rounded individual PAH results printed above. By convention, where any one or more result is a "less than", the total is expressed as a "less than" and includes the "less than" concentration within the total.

Polycyclic Aromatic Hydrocarbons
GC/MS (SIM)

Customer and Site Details:	RPS: JER6108 Tremorfa Industrial Estate		
Sample Details:	TP4 1.70	**Job Number:**	S17_3390M
LIMS ID Number:	CL1753662	**Date Booked in:**	29-Mar-17
QC Batch Number:	170374	**Date Extracted:**	31-Mar-17
Quantitation File:	Initial Calibration	**Date Analysed:**	03-Apr-17
Directory:	117PAH.MS17\	**Matrix:**	Soil
Dilution:	1.0	**Ext Method:**	Ultrasonic

Accredited?: Yes

Target Compounds	CAS #	R.T. (min)	Concentration mg/kg	% Fit	Accr. code
Naphthalene	91-20-3	-	< 0.09	-	**UM**
Acenaphthylene	208-96-8	-	< 0.09	-	U
Acenaphthene	83-32-9	-	< 0.09	-	UM
Fluorene	86-73-7	-	< 0.09	-	UM
Phenanthrene	85-01-8	-	< 0.09	-	UM
Anthracene	120-12-7	-	< 0.09	-	U
Fluoranthene	206-44-0	-	< 0.09	-	UM
Pyrene	129-00-0	-	< 0.09	-	UM
Benzo[a]anthracene	56-55-3	-	< 0.09	-	UM
Chrysene	218-01-9	-	< 0.09	-	UM
Benzo[b]fluoranthene	205-99-2	-	< 0.09	-	UM
Benzo[k]fluoranthene	207-08-9	-	< 0.09	-	UM
Benzo[a]pyrene	50-32-8	-	< 0.09	-	UM
Indeno[1,2,3-cd]pyrene	193-39-5	-	< 0.09	-	UM
Dibenzo[a,h]anthracene	53-70-3*	-	< 0.09	-	N
Benzo[g,h,i]perylene	191-24-2	-	< 0.09	-	UM
Total (USEPA16) PAHs	-	-	< 1.42	-	N

"M" denotes that % fit has been manually interpreted

Internal Standards	% Area
1,4-Dichlorobenzene-d4	NA
Naphthalene-d8	107
Acenaphthene-d10	111
Phenanthrene-d10	111
Chrysene-d12	120
Perylene-d12	134

Surrogates	% Rec
Nitrobenzene-d5	NA
2-Fluorobiphenyl	95
Terphenyl-d14	78

Concentrations are reported on a dry weight basis.

The Total PAH result is the sum of non-rounded individual PAH results and therefore may differ to the sum of the rounded individual PAH results printed above. By convention, where any one or more result is a "less than", the total is expressed as a "less than" and includes the "less than" concentration within the total.

Polycyclic Aromatic Hydrocarbons
GC/MS (SIM)

Customer and Site Details:	RPS: JER6108 Tremorfa Industrial Estate		
Sample Details:	TP5 0.75	**Job Number:**	S17_3390M
LIMS ID Number:	CL1753663	**Date Booked in:**	29-Mar-17
QC Batch Number:	170374	**Date Extracted:**	31-Mar-17
Quantitation File:	Initial Calibration	**Date Analysed:**	03-Apr-17
Directory:	117PAH.MS17\	**Matrix:**	Soil
Dilution:	1.0	**Ext Method:**	Ultrasonic

Accredited?: Yes

Target Compounds	CAS #	R.T. (min)	Concentration mg/kg	% Fit	Accr. code
Naphthalene	91-20-3	-	< 0.08	-	**UM**
Acenaphthylene	208-96-8	-	< 0.08	-	U
Acenaphthene	83-32-9	-	< 0.08	-	UM
Fluorene	86-73-7	-	< 0.08	-	UM
Phenanthrene	85-01-8	5.31	0.10	99	UM
Anthracene	120-12-7	-	< 0.08	-	U
Fluoranthene	206-44-0	6.58	0.14	93	UM
Pyrene	129-00-0	6.85	0.10	68	UM
Benzo[a]anthracene	56-55-3	8.49	0.13	97	UM
Chrysene	218-01-9	8.54	0.17	83	UM
Benzo[b]fluoranthene	205-99-2	9.99	0.23	71	UM
Benzo[k]fluoranthene	207-08-9	-	< 0.08	-	UM
Benzo[a]pyrene	50-32-8	10.41	0.18	88	UM
Indeno[1,2,3-cd]pyrene	193-39-5	11.77	0.27	95	UM
Dibenzo[a,h]anthracene	53-70-3*	11.81	0.10	88	N
Benzo[g,h,i]perylene	191-24-2	12.05	0.33	97	UM
Total (USEPA16) PAHs	-	-	< 2.26	-	N

"M" denotes that % fit has been manually interpreted

Internal Standards	% Area
1,4-Dichlorobenzene-d4	NA
Naphthalene-d8	112
Acenaphthene-d10	118
Phenanthrene-d10	120
Chrysene-d12	138
Perylene-d12	161

Surrogates	% Rec
Nitrobenzene-d5	NA
2-Fluorobiphenyl	93
Terphenyl-d14	74

Concentrations are reported on a dry weight basis.

The Total PAH result is the sum of non-rounded individual PAH results and therefore may differ to the sum of the rounded individual PAH results printed above. By convention, where any one or more result is a "less than", the total is expressed as a "less than" and includes the "less than" concentration within the total.

Polycyclic Aromatic Hydrocarbons
GC/MS (SIM)

Customer and Site Details:	RPS: JER6108 Tremorfa Industrial Estate		
Sample Details:	TP6 1.10	**Job Number:**	S17_3390M
LIMS ID Number:	CL1753664	**Date Booked in:**	29-Mar-17
QC Batch Number:	170374	**Date Extracted:**	31-Mar-17
Quantitation File:	Initial Calibration	**Date Analysed:**	03-Apr-17
Directory:	117PAH.MS17\	**Matrix:**	Soil
Dilution:	1.0	**Ext Method:**	Ultrasonic

Accredited?: Yes

Target Compounds	CAS #	R.T. (min)	Concentration mg/kg	% Fit	Accr. code
Naphthalene	91-20-3	-	< 0.09	-	**UM**
Acenaphthylene	208-96-8	-	< 0.09	-	U
Acenaphthene	83-32-9	-	< 0.09	-	UM
Fluorene	86-73-7	-	< 0.09	-	UM
Phenanthrene	85-01-8	5.31	0.40	99	UM
Anthracene	120-12-7	5.35	0.10	98	U
Fluoranthene	206-44-0	6.58	0.85	92	UM
Pyrene	129-00-0	6.85	0.72	91	UM
Benzo[a]anthracene	56-55-3	8.49	0.49	97	UM
Chrysene	218-01-9	8.54	0.56	99	UM
Benzo[b]fluoranthene	205-99-2	10.00	0.89	98	UM
Benzo[k]fluoranthene	207-08-9	10.03	0.27	98	UM
Benzo[a]pyrene	50-32-8	10.41	0.71	95	UM
Indeno[1,2,3-cd]pyrene	193-39-5	11.77	0.74	91	UM
Dibenzo[a,h]anthracene	53-70-3*	11.81	0.19	95	N
Benzo[g,h,i]perylene	191-24-2	12.05	0.63	95	UM
Total (USEPA16) PAHs	-	-	< 6.93	-	N

"M" denotes that % fit has been manually interpreted

Internal Standards	% Area
1,4-Dichlorobenzene-d4	NA
Naphthalene-d8	110
Acenaphthene-d10	116
Phenanthrene-d10	115
Chrysene-d12	134
Perylene-d12	153

Surrogates	% Rec
Nitrobenzene-d5	NA
2-Fluorobiphenyl	92
Terphenyl-d14	77

Concentrations are reported on a dry weight basis.

The Total PAH result is the sum of non-rounded individual PAH results and therefore may differ to the sum of the rounded individual PAH results printed above. By convention, where any one or more result is a "less than", the total is expressed as a "less than" and includes the "less than" concentration within the total.

Polycyclic Aromatic Hydrocarbons
GC/MS (SIM)

Customer and Site Details:	RPS: JER6108 Tremorfa Industrial Estate		
Sample Details:	TP8 1.80	**Job Number:**	S17_3390M
LIMS ID Number:	CL1753666	**Date Booked in:**	29-Mar-17
QC Batch Number:	170374	**Date Extracted:**	31-Mar-17
Quantitation File:	Initial Calibration	**Date Analysed:**	03-Apr-17
Directory:	117PAH.MS17\	**Matrix:**	Soil
Dilution:	1.0	**Ext Method:**	Ultrasonic

Accredited?: Yes

Target Compounds	CAS #	R.T. (min)	Concentration mg/kg	% Fit	Accr. code
Naphthalene	91-20-3	-	< 0.09	-	**UM**
Acenaphthylene	208-96-8	-	< 0.09	-	U
Acenaphthene	83-32-9	4.16	0.09	90	UM
Fluorene	86-73-7	-	< 0.09	-	UM
Phenanthrene	85-01-8	5.31	0.43	99	UM
Anthracene	120-12-7	5.35	0.10	99	U
Fluoranthene	206-44-0	6.58	0.79	92	UM
Pyrene	129-00-0	6.85	0.53	98	UM
Benzo[a]anthracene	56-55-3	8.49	0.48	96	UM
Chrysene	218-01-9	8.54	0.49	96	UM
Benzo[b]fluoranthene	205-99-2	10.00	0.60	52	UM
Benzo[k]fluoranthene	207-08-9	10.03	0.21	92	UM
Benzo[a]pyrene	50-32-8	10.41	0.40	96	UM
Indeno[1,2,3-cd]pyrene	193-39-5	11.77	0.36	90	UM
Dibenzo[a,h]anthracene	53-70-3*	11.81	0.14	93	N
Benzo[g,h,i]perylene	191-24-2	12.05	0.30	96	UM
Total (USEPA16) PAHs	-	-	< 5.23	-	N

"M" denotes that % fit has been manually interpreted

Internal Standards	% Area
1,4-Dichlorobenzene-d4	NA
Naphthalene-d8	112
Acenaphthene-d10	118
Phenanthrene-d10	117
Chrysene-d12	134
Perylene-d12	151

Surrogates	% Rec
Nitrobenzene-d5	NA
2-Fluorobiphenyl	90
Terphenyl-d14	76

Concentrations are reported on a dry weight basis.

The Total PAH result is the sum of non-rounded individual PAH results and therefore may differ to the sum of the rounded individual PAH results printed above. By convention, where any one or more result is a "less than", the total is expressed as a "less than" and includes the "less than" concentration within the total.

Polycyclic Aromatic Hydrocarbons
GC/MS (SIM)

Customer and Site Details:	RPS: JER6108 Tremorfa Industrial Estate		
Sample Details:	TP10 0.60	**Job Number:**	S17_3390M
LIMS ID Number:	CL1753667	**Date Booked in:**	29-Mar-17
QC Batch Number:	170374	**Date Extracted:**	31-Mar-17
Quantitation File:	Initial Calibration	**Date Analysed:**	03-Apr-17
Directory:	117PAH.MS17\	**Matrix:**	Soil
Dilution:	1.0	**Ext Method:**	Ultrasonic

Accredited?: Yes

Target Compounds	CAS #	R.T. (min)	Concentration mg/kg	% Fit	Accr. code
Naphthalene	91-20-3	-	< 0.09	-	**UM**
Acenaphthylene	208-96-8	-	< 0.09	-	U
Acenaphthene	83-32-9	-	< 0.09	-	UM
Fluorene	86-73-7	-	< 0.09	-	UM
Phenanthrene	85-01-8	-	< 0.09	-	UM
Anthracene	120-12-7	-	< 0.09	-	U
Fluoranthene	206-44-0	-	< 0.09	-	UM
Pyrene	129-00-0	-	< 0.09	-	UM
Benzo[a]anthracene	56-55-3	-	< 0.09	-	UM
Chrysene	218-01-9	-	< 0.09	-	UM
Benzo[b]fluoranthene	205-99-2	-	< 0.09	-	UM
Benzo[k]fluoranthene	207-08-9	-	< 0.09	-	UM
Benzo[a]pyrene	50-32-8	-	< 0.09	-	UM
Indeno[1,2,3-cd]pyrene	193-39-5	-	< 0.09	-	UM
Dibenzo[a,h]anthracene	53-70-3*	-	< 0.09	-	N
Benzo[g,h,i]perylene	191-24-2	-	< 0.09	-	UM
Total (USEPA16) PAHs	-	-	< 1.43	-	N

"M" denotes that % fit has been manually interpreted

Internal Standards	% Area
1,4-Dichlorobenzene-d4	NA
Naphthalene-d8	114
Acenaphthene-d10	121
Phenanthrene-d10	122
Chrysene-d12	136
Perylene-d12	153

Surrogates	% Rec
Nitrobenzene-d5	NA
2-Fluorobiphenyl	89
Terphenyl-d14	76

Concentrations are reported on a dry weight basis.

The Total PAH result is the sum of non-rounded individual PAH results and therefore may differ to the sum of the rounded individual PAH results printed above. By convention, where any one or more result is a "less than", the total is expressed as a "less than" and includes the "less than" concentration within the total.

Polycyclic Aromatic Hydrocarbons
GC/MS (SIM)

Customer and Site Details:	RPS: JER6108 Tremorfa Industrial Estate		
Sample Details:	TP11 1.60	**Job Number:**	S17_3390M
LIMS ID Number:	CL1753668	**Date Booked in:**	29-Mar-17
QC Batch Number:	170374	**Date Extracted:**	31-Mar-17
Quantitation File:	Initial Calibration	**Date Analysed:**	03-Apr-17
Directory:	117PAH.MS17\	**Matrix:**	Soil
Dilution:	1.0	**Ext Method:**	Ultrasonic

Accredited?: Yes

Target Compounds	CAS #	R.T. (min)	Concentration mg/kg	% Fit	Accr. code
Naphthalene	91-20-3	-	< 0.09	-	**UM**
Acenaphthylene	208-96-8	-	< 0.09	-	U
Acenaphthene	83-32-9	-	< 0.09	-	UM
Fluorene	86-73-7	-	< 0.09	-	UM
Phenanthrene	85-01-8	5.31	0.19	96	UM
Anthracene	120-12-7	-	< 0.09	-	U
Fluoranthene	206-44-0	6.58	0.55	93	UM
Pyrene	129-00-0	6.85	0.54	97	UM
Benzo[a]anthracene	56-55-3	8.49	0.71	97	UM
Chrysene	218-01-9	8.54	0.99	96	UM
Benzo[b]fluoranthene	205-99-2	10.00	1.91	98	UM
Benzo[k]fluoranthene	207-08-9	10.03	0.63	99	UM
Benzo[a]pyrene	50-32-8	10.41	1.66	95	UM
Indeno[1,2,3-cd]pyrene	193-39-5	11.77	1.50	90	UM
Dibenzo[a,h]anthracene	53-70-3*	11.81	0.64	94	N
Benzo[g,h,i]perylene	191-24-2	12.05	1.15	96	UM
Total (USEPA16) PAHs	-	-	< 10.90	-	N

"M" denotes that % fit has been manually interpreted

Internal Standards	% Area
1,4-Dichlorobenzene-d4	NA
Naphthalene-d8	108
Acenaphthene-d10	114
Phenanthrene-d10	113
Chrysene-d12	132
Perylene-d12	153

Surrogates	% Rec
Nitrobenzene-d5	NA
2-Fluorobiphenyl	91
Terphenyl-d14	72

Concentrations are reported on a dry weight basis.

The Total PAH result is the sum of non-rounded individual PAH results and therefore may differ to the sum of the rounded individual PAH results printed above. By convention, where any one or more result is a "less than", the total is expressed as a "less than" and includes the "less than" concentration within the total.

Polycyclic Aromatic Hydrocarbons
GC/MS (SIM)

Customer and Site Details:	RPS: JER6108 Tremorfa Industrial Estate		
Sample Details:	TP12 2.00	**Job Number:**	S17_3390M
LIMS ID Number:	CL1753669	**Date Booked in:**	29-Mar-17
QC Batch Number:	170374	**Date Extracted:**	31-Mar-17
Quantitation File:	Initial Calibration	**Date Analysed:**	03-Apr-17
Directory:	117PAH.MS17\	**Matrix:**	Soil
Dilution:	1.0	**Ext Method:**	Ultrasonic

Accredited?: Yes

Target Compounds	CAS #	R.T. (min)	Concentration mg/kg	% Fit	Accr. code
Naphthalene	91-20-3	-	< 0.09	-	**UM**
Acenaphthylene	208-96-8	-	< 0.09	-	U
Acenaphthene	83-32-9	-	< 0.09	-	UM
Fluorene	86-73-7	-	< 0.09	-	UM
Phenanthrene	85-01-8	5.31	0.46	99	UM
Anthracene	120-12-7	5.36	0.09	97	U
Fluoranthene	206-44-0	6.58	0.86	92	UM
Pyrene	129-00-0	6.85	0.60	94	UM
Benzo[a]anthracene	56-55-3	8.49	0.52	97	UM
Chrysene	218-01-9	8.54	0.55	96	UM
Benzo[b]fluoranthene	205-99-2	9.99	0.70	99	UM
Benzo[k]fluoranthene	207-08-9	10.03	0.26	99	UM
Benzo[a]pyrene	50-32-8	10.41	0.49	93	UM
Indeno[1,2,3-cd]pyrene	193-39-5	11.77	0.53	91	UM
Dibenzo[a,h]anthracene	53-70-3*	11.81	0.15	85	N
Benzo[g,h,i]perylene	191-24-2	12.05	0.38	97	UM
Total (USEPA16) PAHs	-	-	< 5.96	-	N

"M" denotes that % fit has been manually interpreted

Internal Standards	% Area
1,4-Dichlorobenzene-d4	NA
Naphthalene-d8	110
Acenaphthene-d10	116
Phenanthrene-d10	118
Chrysene-d12	135
Perylene-d12	156

Surrogates	% Rec
Nitrobenzene-d5	NA
2-Fluorobiphenyl	89
Terphenyl-d14	76

Concentrations are reported on a dry weight basis.

The Total PAH result is the sum of non-rounded individual PAH results and therefore may differ to the sum of the rounded individual PAH results printed above. By convention, where any one or more result is a "less than", the total is expressed as a "less than" and includes the "less than" concentration within the total.

Polycyclic Aromatic Hydrocarbons
GC/MS (SIM)

Customer and Site Details:	RPS: JER6108 Tremorfa Industrial Estate		
Sample Details:	BH-1 8.00	**Job Number:**	S17_3390M
LIMS ID Number:	CL1753671	**Date Booked in:**	29-Mar-17
QC Batch Number:	170374	**Date Extracted:**	31-Mar-17
Quantitation File:	Initial Calibration	**Date Analysed:**	03-Apr-17
Directory:	117PAH.MS17\	**Matrix:**	Soil
Dilution:	1.0	**Ext Method:**	Ultrasonic

Accredited?: Yes

Target Compounds	CAS #	R.T. (min)	Concentration mg/kg	% Fit	Accr. code
Naphthalene	91-20-3	-	< 0.12	-	**UM**
Acenaphthylene	208-96-8	-	< 0.12	-	U
Acenaphthene	83-32-9	-	< 0.12	-	UM
Fluorene	86-73-7	-	< 0.12	-	UM
Phenanthrene	85-01-8	-	< 0.12	-	UM
Anthracene	120-12-7	-	< 0.12	-	U
Fluoranthene	206-44-0	-	< 0.12	-	UM
Pyrene	129-00-0	-	< 0.12	-	UM
Benzo[a]anthracene	56-55-3	-	< 0.12	-	UM
Chrysene	218-01-9	-	< 0.12	-	UM
Benzo[b]fluoranthene	205-99-2	-	< 0.12	-	UM
Benzo[k]fluoranthene	207-08-9	-	< 0.12	-	UM
Benzo[a]pyrene	50-32-8	-	< 0.12	-	UM
Indeno[1,2,3-cd]pyrene	193-39-5	-	< 0.12	-	UM
Dibenzo[a,h]anthracene	53-70-3*	-	< 0.12	-	N
Benzo[g,h,i]perylene	191-24-2	-	< 0.12	-	UM
Total (USEPA16) PAHs	-	-	< 1.95	-	N

"M" denotes that % fit has been manually interpreted

Internal Standards	% Area
1,4-Dichlorobenzene-d4	NA
Naphthalene-d8	109
Acenaphthene-d10	114
Phenanthrene-d10	113
Chrysene-d12	128
Perylene-d12	143

Surrogates	% Rec
Nitrobenzene-d5	NA
2-Fluorobiphenyl	92
Terphenyl-d14	77

Concentrations are reported on a dry weight basis.

The Total PAH result is the sum of non-rounded individual PAH results and therefore may differ to the sum of the rounded individual PAH results printed above. By convention, where any one or more result is a "less than", the total is expressed as a "less than" and includes the "less than" concentration within the total.

Polycyclic Aromatic Hydrocarbons
GC/MS (SIM)

Customer and Site Details:	RPS: JER6108 Tremorfa Industrial Estate		
Sample Details:	BH2 7.00-9.00	**Job Number:**	S17_3390M
LIMS ID Number:	CL1753672	**Date Booked in:**	29-Mar-17
QC Batch Number:	170374	**Date Extracted:**	31-Mar-17
Quantitation File:	Initial Calibration	**Date Analysed:**	03-Apr-17
Directory:	117PAH.MS17\	**Matrix:**	Soil
Dilution:	1.0	**Ext Method:**	Ultrasonic

Accredited?: Yes

Target Compounds	CAS #	R.T. (min)	Concentration mg/kg	% Fit	Accr. code
Naphthalene	91-20-3	-	< 0.15	-	**UM**
Acenaphthylene	208-96-8	-	< 0.15	-	U
Acenaphthene	83-32-9	-	< 0.15	-	UM
Fluorene	86-73-7	-	< 0.15	-	UM
Phenanthrene	85-01-8	-	< 0.15	-	UM
Anthracene	120-12-7	-	< 0.15	-	U
Fluoranthene	206-44-0	6.58	0.48	92	UM
Pyrene	129-00-0	6.85	0.25	99	UM
Benzo[a]anthracene	56-55-3	8.49	0.33	96	UM
Chrysene	218-01-9	8.54	0.27	94	UM
Benzo[b]fluoranthene	205-99-2	10.00	0.31	93	UM
Benzo[k]fluoranthene	207-08-9	-	< 0.15	-	UM
Benzo[a]pyrene	50-32-8	10.41	0.23	89	UM
Indeno[1,2,3-cd]pyrene	193-39-5	11.77	0.20	97	UM
Dibenzo[a,h]anthracene	53-70-3*	-	< 0.15	-	N
Benzo[g,h,i]perylene	191-24-2	-	< 0.15	-	UM
Total (USEPA16) PAHs	-	-	< 3.44	-	N

"M" denotes that % fit has been manually interpreted

Internal Standards	% Area
1,4-Dichlorobenzene-d4	NA
Naphthalene-d8	112
Acenaphthene-d10	118
Phenanthrene-d10	118
Chrysene-d12	137
Perylene-d12	155

Surrogates	% Rec
Nitrobenzene-d5	NA
2-Fluorobiphenyl	92
Terphenyl-d14	75

Concentrations are reported on a dry weight basis.

The Total PAH result is the sum of non-rounded individual PAH results and therefore may differ to the sum of the rounded individual PAH results printed above. By convention, where any one or more result is a "less than", the total is expressed as a "less than" and includes the "less than" concentration within the total.

Polycyclic Aromatic Hydrocarbons
GC/MS (SIM)

Customer and Site Details:	RPS: JER6108 Tremorfa Industrial Estate		
Sample Details:	BH2 15.00	**Job Number:**	S17_3390M
LIMS ID Number:	CL1753673	**Date Booked in:**	29-Mar-17
QC Batch Number:	170374	**Date Extracted:**	31-Mar-17
Quantitation File:	Initial Calibration	**Date Analysed:**	03-Apr-17
Directory:	117PAH.MS17\	**Matrix:**	Soil
Dilution:	1.0	**Ext Method:**	Ultrasonic

Accredited?: Yes

Target Compounds	CAS #	R.T. (min)	Concentration mg/kg	% Fit	Accr. code
Naphthalene	91-20-3	-	< 0.11	-	**UM**
Acenaphthylene	208-96-8	-	< 0.11	-	U
Acenaphthene	83-32-9	-	< 0.11	-	UM
Fluorene	86-73-7	-	< 0.11	-	UM
Phenanthrene	85-01-8	-	< 0.11	-	UM
Anthracene	120-12-7	-	< 0.11	-	U
Fluoranthene	206-44-0	-	< 0.11	-	UM
Pyrene	129-00-0	-	< 0.11	-	UM
Benzo[a]anthracene	56-55-3	-	< 0.11	-	UM
Chrysene	218-01-9	-	< 0.11	-	UM
Benzo[b]fluoranthene	205-99-2	-	< 0.11	-	UM
Benzo[k]fluoranthene	207-08-9	-	< 0.11	-	UM
Benzo[a]pyrene	50-32-8	-	< 0.11	-	UM
Indeno[1,2,3-cd]pyrene	193-39-5	-	< 0.11	-	UM
Dibenzo[a,h]anthracene	53-70-3*	-	< 0.11	-	N
Benzo[g,h,i]perylene	191-24-2	-	< 0.11	-	UM
Total (USEPA16) PAHs	-	-	< 1.79	-	N

"M" denotes that % fit has been manually interpreted

Internal Standards	% Area
1,4-Dichlorobenzene-d4	NA
Naphthalene-d8	110
Acenaphthene-d10	116
Phenanthrene-d10	117
Chrysene-d12	129
Perylene-d12	142

Surrogates	% Rec
Nitrobenzene-d5	NA
2-Fluorobiphenyl	93
Terphenyl-d14	77

Concentrations are reported on a dry weight basis.

The Total PAH result is the sum of non-rounded individual PAH results and therefore may differ to the sum of the rounded individual PAH results printed above. By convention, where any one or more result is a "less than", the total is expressed as a "less than" and includes the "less than" concentration within the total.

Polycyclic Aromatic Hydrocarbons
GC/MS (SIM)

Customer and Site Details:	RPS: JER6108 Tremorfa Industrial Estate		
Sample Details:	BH3 13.50-15.00	**Job Number:**	S17_3390M
LIMS ID Number:	CL1753675	**Date Booked in:**	29-Mar-17
QC Batch Number:	170374	**Date Extracted:**	31-Mar-17
Quantitation File:	Initial Calibration	**Date Analysed:**	03-Apr-17
Directory:	117PAH.MS17\	**Matrix:**	Soil
Dilution:	1.0	**Ext Method:**	Ultrasonic

Accredited?: Yes

Target Compounds	CAS #	R.T. (min)	Concentration mg/kg	% Fit	Accr. code
Naphthalene	91-20-3	-	< 0.11	-	**UM**
Acenaphthylene	208-96-8	-	< 0.11	-	U
Acenaphthene	83-32-9	-	< 0.11	-	UM
Fluorene	86-73-7	-	< 0.11	-	UM
Phenanthrene	85-01-8	-	< 0.11	-	UM
Anthracene	120-12-7	-	< 0.11	-	U
Fluoranthene	206-44-0	-	< 0.11	-	UM
Pyrene	129-00-0	-	< 0.11	-	UM
Benzo[a]anthracene	56-55-3	-	< 0.11	-	UM
Chrysene	218-01-9	-	< 0.11	-	UM
Benzo[b]fluoranthene	205-99-2	-	< 0.11	-	UM
Benzo[k]fluoranthene	207-08-9	-	< 0.11	-	UM
Benzo[a]pyrene	50-32-8	-	< 0.11	-	UM
Indeno[1,2,3-cd]pyrene	193-39-5	-	< 0.11	-	UM
Dibenzo[a,h]anthracene	53-70-3*	-	< 0.11	-	N
Benzo[g,h,i]perylene	191-24-2	-	< 0.11	-	UM
Total (USEPA16) PAHs	-	-	< 1.80	-	N

"M" denotes that % fit has been manually interpreted

Internal Standards	% Area
1,4-Dichlorobenzene-d4	NA
Naphthalene-d8	111
Acenaphthene-d10	117
Phenanthrene-d10	116
Chrysene-d12	132
Perylene-d12	147

Surrogates	% Rec
Nitrobenzene-d5	NA
2-Fluorobiphenyl	91
Terphenyl-d14	78

Concentrations are reported on a dry weight basis.

The Total PAH result is the sum of non-rounded individual PAH results and therefore may differ to the sum of the rounded individual PAH results printed above. By convention, where any one or more result is a "less than", the total is expressed as a "less than" and includes the "less than" concentration within the total.

Polychlorinated Biphenyls (congeners)

Customer and Site Details: RPS: JER6108 Tremorfa Industrial Estate
Job Number: S17_3390M
QC Batch Number: 170375
Directory: 033117PCB.GC8
Method: Ultrasonic
Accreditation code: UM

Matrix: Soil
Date Booked in: 29-Mar-17
Date Extracted: 31-Mar-17
Date Analysed: 04-Mar-17

		Concentration, (µg/kg)											
Sample ID	**Customer ID**	**PCB 81**	**PCB 77**	**PCB 123**	**PCB 118**	**PCB 114**	**PCB 105**	**PCB 126**	**PCB 167**	**PCB 156**	**PCB 157**	**PCB 169**	**PCB 189**
CL1753659	TP1 0.60	<5.3	<5.3	<5.3	<5.3	<5.3	<5.3	<5.3	<5.3	<5.3	<5.3	<5.3	<5.3
CL1753667	TP10 0.60	<5.6	<5.6	<5.6	<5.6	<5.6	<5.6	<5.6	<5.6	<5.6	<5.6	<5.6	<5.6

Where individual results are flagged see report notes for status.
Results corrected to dry weight at 105°C where appropriate, in accordance with the MCERTS standard.

Semi-Volatile Organic Compounds

Accredited?: Yes

Customer and Site Details:	RPS: JER6108 Tremorfa Industrial Estate			**Matrix:**	Soil	**QC Batch Number:**	77
Sample Details:	TP1 0.60	**Date Booked in:**	29-Mar-17	**Ext Method:**	Ultrasonic	**Multiplier:**	0.2
LIMS ID Number:	CL1753659	**Date Extracted:**	31-Mar-17	**Operator:**	SO/RP	**Dilution Factor:**	1
Job Number:	S17_3390M	**Date Analysed:**	01-Apr-17	**Directory/Quant File:**	033117_MS16\	**GPC (Y/N)**	N

Target Compounds	CAS #	R.T. (min)	Concentration mg/kg	% Fit	Accr. code
Phenol	108-95-2	-	< 0.1	-	U
bis(2-Chloroethyl)ether	111-44-4	-	< 0.1	-	U
2-Chlorophenol	95-57-8	-	< 0.1	-	U
1,3-Dichlorobenzene	541-73-1	-	< 0.1	-	U
1,4-Dichlorobenzene	106-46-7	-	< 0.1	-	U
Benzyl alcohol	100-51-6*	-	< 0.5	-	N
1,2-Dichlorobenzene	95-50-1	-	< 0.1	-	U
2-Methylphenol	95-48-7	-	< 0.1	-	U
bis(2-Chloroisopropyl)ether	108-60-1	-	< 0.5	-	U
Hexachloroethane	67-72-1	-	< 0.1	-	U
N-Nitroso-di-n-propylamine	621-64-7*	-	< 1.0	-	N
3- & 4-Methylphenol	108-39-4/106-44-5	-	< 0.1	-	U
Nitrobenzene	98-95-3	-	< 0.5	-	U
Isophorone	78-59-1*	-	< 0.1	-	N
2-Nitrophenol	88-75-5	-	< 0.1	-	U
2,4-Dimethylphenol	105-67-9	-	< 0.1	-	U
Benzoic Acid	65-85-0*	-	< 0.5	-	N
bis(2-Chloroethoxy)methane	111-91-1	-	< 0.1	-	U
2,4-Dichlorophenol	120-83-2	-	< 0.1	-	U
1,2,4-Trichlorobenzene	120-82-1*	-	< 0.1	-	N
Naphthalene	91-20-3	-	< 0.1	-	U
4-Chlorophenol	106-48-9*	-	< 0.5	-	N
4-Chloroaniline	106-47-8*	-	< 0.5	-	N
Hexachlorobutadiene	87-68-3*	-	< 0.1	-	N
4-Chloro-3-methylphenol	59-50-7	-	< 0.1	-	U
2-Methylnaphthalene	91-57-6	-	< 0.1	-	U
1-Methylnaphthalene	90-12-0	-	< 0.1	-	U
Hexachlorocyclopentadiene	77-47-4*	-	< 0.1	-	N
2,4,6-Trichlorophenol	88-06-2*	-	< 0.1	-	N
2,4,5-Trichlorophenol	95-95-4	-	< 0.1	-	U
2-Chloronaphthalene	91-58-7	-	< 0.1	-	U
Biphenyl	92-52-4	-	< 0.1	-	U
Diphenyl ether	101-84-8	-	< 0.1	-	U
2-Nitroaniline	88-74-4*	-	< 0.5	-	N
Acenaphthylene	208-96-8	-	< 0.1	-	U
Dimethylphthalate	131-11-3	-	< 0.1	-	U
2,6-Dinitrotoluene	606-20-2	-	< 0.5	-	U
Acenaphthene	83-32-9	-	< 0.1	-	U
3-Nitroaniline	99-09-2*	-	< 15.4	-	N

Target Compounds	CAS #	R.T.	Concentration mg/kg	% Fit	Accr. code
2,4-Dinitrophenol	51-28-5*	-	< 0.5	-	N
Dibenzofuran	132-64-9	-	< 0.1	-	U
4-Nitrophenol	100-02-7*	-	< 0.5	-	N
2,4-Dinitrotoluene	121-14-2*	-	< 0.2	-	N
Fluorene	86-73-7	-	< 0.1	-	U
Diethylphthalate	84-66-2	-	< 0.1	-	U
4-Chlorophenyl-phenylether	7005-72-3	-	< 0.1	-	U
4,6-Dinitro-2-methylphenol	534-52-1*	-	< 0.2	-	N
4-Nitroaniline	100-01-6*	-	< 0.6	-	N
N-Nitrosodiphenylamine	86-30-6*	-	< 0.1	-	N
4-Bromophenyl-phenylether	101-55-3	-	< 0.1	-	U
Hexachlorobenzene	118-74-1	-	< 0.1	-	U
Pentachlorophenol	87-86-5*	-	< 0.5	-	N
Phenanthrene	85-01-8	-	< 0.1	-	U
Anthracene	120-12-7	-	< 0.1	-	U
Di-n-butylphthalate	84-74-2	-	< 0.1	-	U
Fluoranthene	206-44-0	-	< 0.2	-	U
Pyrene	129-00-0	-	< 0.2	-	U
Butylbenzylphthalate	85-68-7*	-	< 0.2	-	N
Benzo[a]anthracene	56-55-3	-	< 0.2	-	U
Chrysene	218-01-9	-	< 0.2	-	U
3,3'-Dichlorobenzidine	91-94-1*	-	N.D	-	N
bis(2-Ethylhexyl)phthalate	117-81-7	-	< 0.2	-	U
Di-n-octylphthalate	117-84-0*	-	< 0.2	-	N
Benzo[b]fluoranthene	205-99-2	-	< 0.2	-	U
Benzo[k]fluoranthene	207-08-9	-	< 0.2	-	U
Benzo[a]pyrene	50-32-8	-	< 0.2	-	U
Indeno[1,2,3-cd]pyrene	193-39-5	-	< 0.5	-	U
Dibenzo[a,h]anthracene	53-70-3	-	< 0.5	-	U
Benzo[g,h,i]perylene	191-24-2	-	< 0.5	-	U
Coronene	191-07-1*	-	< 0.3	-	N

Internal Standards	% Area
1,4-Dichlorobenzene-d4	69
Naphthalene-d8	71
Acenaphthene-d10	63
Phenanthrene-d10	66
Chrysene-d12	70
Perylene-d12	72

Surrogates	% Rec
2-Fluorophenol	74
Phenol-d5	79
Nitrobenzene-d5	79
2-Fluorobiphenyl	81
2,4,6-Tribromophenol	50
Terphenyl-d14	107

This analysis was conducted on an 'As Received' basis.

Concentrations are reported on a dry weight basis.

Where individual results are flagged see report notes for status.
Results corrected to dry weight at 105°C where appropriate, in accordance with the MCERTS standard.

Semi-Volatile Organic Compounds

Accredited?: Yes

Customer and Site Details:	RPS: JER6108 Tremorfa Industrial Estate			**Matrix:**	Soil	**QC Batch Number:**	77
Sample Details:	TP5 0.75	**Date Booked in:**	29-Mar-17	**Ext Method:**	Ultrasonic	**Multiplier:**	4
LIMS ID Number:	CL1753663	**Date Extracted:**	31-Mar-17	**Operator:**	SO/RP	**Dilution Factor:**	20
Job Number:	S17_3390M	**Date Analysed:**	01-Apr-17	**Directory/Quant File:**	033117_MS16\	**GPC (Y/N)**	N

Target Compounds	CAS #	R.T. (min)	Concentration mg/kg	% Fit	Accr. code
Phenol	108-95-2	-	< 2.0	-	U
bis(2-Chloroethyl)ether	111-44-4	-	< 2.0	-	U
2-Chlorophenol	95-57-8	-	< 2.0	-	U
1,3-Dichlorobenzene	541-73-1	-	< 2.0	-	U
1,4-Dichlorobenzene	106-46-7	-	< 2.0	-	U
Benzyl alcohol	100-51-6*	-	< 11.0	-	N
1,2-Dichlorobenzene	95-50-1	-	< 2.0	-	U
2-Methylphenol	95-48-7	-	< 2.0	-	U
bis(2-Chloroisopropyl)ether	108-60-1	-	< 11.0	-	U
Hexachloroethane	67-72-1	-	< 2.0	-	U
N-Nitroso-di-n-propylamine	621-64-7*	-	< 19.0	-	N
3- & 4-Methylphenol	108-39-4/106-44-5	-	< 2.0	-	U
Nitrobenzene	98-95-3	-	< 11.0	-	U
Isophorone	78-59-1*	-	< 2.0	-	N
2-Nitrophenol	88-75-5	-	< 2.0	-	U
2,4-Dimethylphenol	105-67-9	-	< 2.0	-	U
Benzoic Acid	65-85-0*	-	< 11.0	-	N
bis(2-Chloroethoxy)methane	111-91-1	-	< 2.0	-	U
2,4-Dichlorophenol	120-83-2	-	< 2.0	-	U
1,2,4-Trichlorobenzene	120-82-1*	-	< 2.0	-	N
Naphthalene	91-20-3	-	< 2.0	-	U
4-Chlorophenol	106-48-9*	-	< 11.0	-	N
4-Chloroaniline	106-47-8*	-	< 11.0	-	N
Hexachlorobutadiene	87-68-3*	-	< 2.0	-	N
4-Chloro-3-methylphenol	59-50-7	-	< 2.0	-	U
2-Methylnaphthalene	91-57-6	-	< 2.0	-	U
1-Methylnaphthalene	90-12-0	-	< 2.0	-	U
Hexachlorocyclopentadiene	77-47-4*	-	< 2.0	-	N
2,4,6-Trichlorophenol	88-06-2*	-	< 2.0	-	N
2,4,5-Trichlorophenol	95-95-4	-	< 2.0	-	U
2-Chloronaphthalene	91-58-7	-	< 2.0	-	U
Biphenyl	92-52-4	-	< 2.0	-	U
Diphenyl ether	101-84-8	-	< 2.0	-	U
2-Nitroaniline	88-74-4*	-	< 11.0	-	N
Acenaphthylene	208-96-8	-	< 2.0	-	U
Dimethylphthalate	131-11-3	-	< 2.0	-	U
2,6-Dinitrotoluene	606-20-2	-	< 11.0	-	U
Acenaphthene	83-32-9	-	< 2.0	-	U
3-Nitroaniline	99-09-2*	-	< 308.0	-	N

Target Compounds	CAS #	R.T.	Concentration mg/kg	% Fit	Accr. code
2,4-Dinitrophenol	51-28-5*	-	< 11.0	-	N
Dibenzofuran	132-64-9	-	< 2.0	-	U
4-Nitrophenol	100-02-7*	-	< 11.0	-	N
2,4-Dinitrotoluene	121-14-2*	-	< 4.0	-	N
Fluorene	86-73-7	-	< 2.0	-	U
Diethylphthalate	84-66-2	-	< 2.0	-	U
4-Chlorophenyl-phenylether	7005-72-3	-	< 2.0	-	U
4,6-Dinitro-2-methylphenol	534-52-1*	-	< 4.0	-	N
4-Nitroaniline	100-01-6*	-	< 13.0	-	N
N-Nitrosodiphenylamine	86-30-6*	-	< 2.0	-	N
4-Bromophenyl-phenylether	101-55-3	-	< 2.0	-	U
Hexachlorobenzene	118-74-1	-	< 2.0	-	U
Pentachlorophenol	87-86-5*	-	< 11.0	-	N
Phenanthrene	85-01-8	-	< 2.0	-	U
Anthracene	120-12-7	-	< 2.0	-	U
Di-n-butylphthalate	84-74-2	-	< 2.0	-	U
Fluoranthene	206-44-0	-	< 4.0	-	U
Pyrene	129-00-0	-	< 4.0	-	U
Butylbenzylphthalate	85-68-7*	-	< 4.0	-	N
Benzo[a]anthracene	56-55-3	-	< 4.0	-	U
Chrysene	218-01-9	-	< 4.0	-	U
3,3'-Dichlorobenzidine	91-94-1*	-	N.D	-	N
bis(2-Ethylhexyl)phthalate	117-81-7	-	< 4.0	-	U
Di-n-octylphthalate	117-84-0*	-	< 4.0	-	N
Benzo[b]fluoranthene	205-99-2	-	< 4.0	-	U
Benzo[k]fluoranthene	207-08-9	-	< 4.0	-	U
Benzo[a]pyrene	50-32-8	-	< 4.0	-	U
Indeno[1,2,3-cd]pyrene	193-39-5	-	< 11.0	-	U
Dibenzo[a,h]anthracene	53-70-3	-	< 11.0	-	U
Benzo[g,h,i]perylene	191-24-2	-	< 11.0	-	U
Coronene	191-07-1*	-	< 6.0	-	N

Internal Standards	% Area
1,4-Dichlorobenzene-d4	67
Naphthalene-d8	68
Acenaphthene-d10	61
Phenanthrene-d10	61
Chrysene-d12	71
Perylene-d12	68

Surrogates	% Rec
2-Fluorophenol	81
Phenol-d5	73
Nitrobenzene-d5	74
2-Fluorobiphenyl	83
2,4,6-Tribromophenol	77
Terphenyl-d14	96

This analysis was conducted on an 'As Received' basis.

Concentrations are reported on a dry weight basis.

Where individual results are flagged see report notes for status.
Results corrected to dry weight at 105°C where appropriate, in accordance with the MCERTS standard.

Semi-Volatile Organic Compounds

Accredited?: Yes

Customer and Site Details:	RPS: JER6108 Tremorfa Industrial Estate			**Matrix:**	Soil	**QC Batch Number:**	77
Sample Details:	TP10 0.60	**Date Booked in:**	29-Mar-17	**Ext Method:**	Ultrasonic	**Multiplier:**	0.2
LIMS ID Number:	CL1753667	**Date Extracted:**	31-Mar-17	**Operator:**	SO/RP	**Dilution Factor:**	1
Job Number:	S17_3390M	**Date Analysed:**	01-Apr-17	**Directory/Quant File:**	033117_MS16\	**GPC (Y/N)**	N

Target Compounds	CAS #	R.T. (min)	Concentration mg/kg	% Fit	Accr. code
Phenol	108-95-2	-	< 0.1	-	U
bis(2-Chloroethyl)ether	111-44-4	-	< 0.1	-	U
2-Chlorophenol	95-57-8	-	< 0.1	-	U
1,3-Dichlorobenzene	541-73-1	-	< 0.1	-	U
1,4-Dichlorobenzene	106-46-7	-	< 0.1	-	U
Benzyl alcohol	100-51-6*	-	< 0.6	-	N
1,2-Dichlorobenzene	95-50-1	-	< 0.1	-	U
2-Methylphenol	95-48-7	-	< 0.1	-	U
bis(2-Chloroisopropyl)ether	108-60-1	-	< 0.6	-	U
Hexachloroethane	67-72-1	-	< 0.1	-	U
N-Nitroso-di-n-propylamine	621-64-7*	-	< 1.0	-	N
3- & 4-Methylphenol	108-39-4/106-44-5	-	< 0.1	-	U
Nitrobenzene	98-95-3	-	< 0.6	-	U
Isophorone	78-59-1*	-	< 0.1	-	N
2-Nitrophenol	88-75-5	-	< 0.1	-	U
2,4-Dimethylphenol	105-67-9	-	< 0.1	-	U
Benzoic Acid	65-85-0*	-	< 0.6	-	N
bis(2-Chloroethoxy)methane	111-91-1	-	< 0.1	-	U
2,4-Dichlorophenol	120-83-2	-	< 0.1	-	U
1,2,4-Trichlorobenzene	120-82-1*	-	< 0.1	-	N
Naphthalene	91-20-3	-	< 0.1	-	U
4-Chlorophenol	106-48-9*	-	< 0.6	-	N
4-Chloroaniline	106-47-8*	-	< 0.6	-	N
Hexachlorobutadiene	87-68-3*	-	< 0.1	-	N
4-Chloro-3-methylphenol	59-50-7	-	< 0.1	-	U
2-Methylnaphthalene	91-57-6	-	< 0.1	-	U
1-Methylnaphthalene	90-12-0	-	< 0.1	-	U
Hexachlorocyclopentadiene	77-47-4*	-	< 0.1	-	N
2,4,6-Trichlorophenol	88-06-2*	-	< 0.1	-	N
2,4,5-Trichlorophenol	95-95-4	-	< 0.1	-	U
2-Chloronaphthalene	91-58-7	-	< 0.1	-	U
Biphenyl	92-52-4	-	< 0.1	-	U
Diphenyl ether	101-84-8	-	< 0.1	-	U
2-Nitroaniline	88-74-4*	-	< 0.6	-	N
Acenaphthylene	208-96-8	-	< 0.1	-	U
Dimethylphthalate	131-11-3	-	< 0.1	-	U
2,6-Dinitrotoluene	606-20-2	-	< 0.6	-	U
Acenaphthene	83-32-9	-	< 0.1	-	U
3-Nitroaniline	99-09-2*	-	< 16.3	-	N

Target Compounds	CAS #	R.T.	Concentration mg/kg	% Fit	Accr. code
2,4-Dinitrophenol	51-28-5*	-	< 0.6	-	N
Dibenzofuran	132-64-9	-	< 0.1	-	U
4-Nitrophenol	100-02-7*	-	< 0.6	-	N
2,4-Dinitrotoluene	121-14-2*	-	< 0.2	-	N
Fluorene	86-73-7	-	< 0.1	-	U
Diethylphthalate	84-66-2	-	< 0.1	-	U
4-Chlorophenyl-phenylether	7005-72-3	-	< 0.1	-	U
4,6-Dinitro-2-methylphenol	534-52-1*	-	< 0.2	-	N
4-Nitroaniline	100-01-6*	-	< 0.7	-	N
N-Nitrosodiphenylamine	86-30-6*	-	< 0.1	-	N
4-Bromophenyl-phenylether	101-55-3	-	< 0.1	-	U
Hexachlorobenzene	118-74-1	-	< 0.1	-	U
Pentachlorophenol	87-86-5*	-	< 0.6	-	N
Phenanthrene	85-01-8	-	< 0.1	-	U
Anthracene	120-12-7	-	< 0.1	-	U
Di-n-butylphthalate	84-74-2	-	< 0.1	-	U
Fluoranthene	206-44-0	-	< 0.2	-	U
Pyrene	129-00-0	-	< 0.2	-	U
Butylbenzylphthalate	85-68-7*	-	< 0.2	-	N
Benzo[a]anthracene	56-55-3	-	< 0.2	-	U
Chrysene	218-01-9	-	< 0.2	-	U
3,3'-Dichlorobenzidine	91-94-1*	-	N.D	-	N
bis(2-Ethylhexyl)phthalate	117-81-7	-	< 0.2	-	U
Di-n-octylphthalate	117-84-0*	-	< 0.2	-	N
Benzo[b]fluoranthene	205-99-2	-	< 0.2	-	U
Benzo[k]fluoranthene	207-08-9	-	< 0.2	-	U
Benzo[a]pyrene	50-32-8	-	< 0.2	-	U
Indeno[1,2,3-cd]pyrene	193-39-5	-	< 0.6	-	U
Dibenzo[a,h]anthracene	53-70-3	-	< 0.6	-	U
Benzo[g,h,i]perylene	191-24-2	-	< 0.6	-	U
Coronene	191-07-1*	-	< 0.3	-	N

Internal Standards	% Area
1,4-Dichlorobenzene-d4	73
Naphthalene-d8	74
Acenaphthene-d10	65
Phenanthrene-d10	70
Chrysene-d12	77
Perylene-d12	75

Surrogates	% Rec
2-Fluorophenol	80
Phenol-d5	82
Nitrobenzene-d5	83
2-Fluorobiphenyl	81
2,4,6-Tribromophenol	78
Terphenyl-d14	104

This analysis was conducted on an 'As Received' basis.

Concentrations are reported on a dry weight basis.

Where individual results are flagged see report notes for status.
Results corrected to dry weight at 105°C where appropriate, in accordance with the MCERTS standard.

Semi-Volatile Organic Compounds

Accredited?: Yes

Customer and Site Details:	RPS: JER6108 Tremorfa Industrial Estate			**Matrix:**	Soil	**QC Batch Number:**	77
Sample Details:	TP12 2.00	**Date Booked in:**	29-Mar-17	**Ext Method:**	Ultrasonic	**Multiplier:**	0.2
LIMS ID Number:	CL1753669	**Date Extracted:**	31-Mar-17	**Operator:**	SO/RP	**Dilution Factor:**	1
Job Number:	S17_3390M	**Date Analysed:**	01-Apr-17	**Directory/Quant File:**	033117_MS16\	**GPC (Y/N)**	N

Target Compounds	CAS #	R.T. (min)	Concentration mg/kg	% Fit	Accr. code
Phenol	108-95-2	-	< 0.1	-	U
bis(2-Chloroethyl)ether	111-44-4	-	< 0.1	-	U
2-Chlorophenol	95-57-8	-	< 0.1	-	U
1,3-Dichlorobenzene	541-73-1	-	< 0.1	-	U
1,4-Dichlorobenzene	106-46-7	-	< 0.1	-	U
Benzyl alcohol	100-51-6*	-	< 0.6	-	N
1,2-Dichlorobenzene	95-50-1	-	< 0.1	-	U
2-Methylphenol	95-48-7	-	< 0.1	-	U
bis(2-Chloroisopropyl)ether	108-60-1	-	< 0.6	-	U
Hexachloroethane	67-72-1	-	< 0.1	-	U
N-Nitroso-di-n-propylamine	621-64-7*	-	< 1.1	-	N
3- & 4-Methylphenol	108-39-4/106-44-5	-	< 0.1	-	U
Nitrobenzene	98-95-3	-	< 0.6	-	U
Isophorone	78-59-1*	-	< 0.1	-	N
2-Nitrophenol	88-75-5	-	< 0.1	-	U
2,4-Dimethylphenol	105-67-9	-	< 0.1	-	U
Benzoic Acid	65-85-0*	-	< 0.6	-	N
bis(2-Chloroethoxy)methane	111-91-1	-	< 0.1	-	U
2,4-Dichlorophenol	120-83-2	-	< 0.1	-	U
1,2,4-Trichlorobenzene	120-82-1*	-	< 0.1	-	N
Naphthalene	91-20-3	-	< 0.1	-	U
4-Chlorophenol	106-48-9*	-	< 0.6	-	N
4-Chloroaniline	106-47-8*	-	< 0.6	-	N
Hexachlorobutadiene	87-68-3*	-	< 0.1	-	N
4-Chloro-3-methylphenol	59-50-7	-	< 0.1	-	U
2-Methylnaphthalene	91-57-6	-	< 0.1	-	U
1-Methylnaphthalene	90-12-0	-	< 0.1	-	U
Hexachlorocyclopentadiene	77-47-4*	-	< 0.1	-	N
2,4,6-Trichlorophenol	88-06-2*	-	< 0.1	-	N
2,4,5-Trichlorophenol	95-95-4	-	< 0.1	-	U
2-Chloronaphthalene	91-58-7	-	< 0.1	-	U
Biphenyl	92-52-4	-	< 0.1	-	U
Diphenyl ether	101-84-8	-	< 0.1	-	U
2-Nitroaniline	88-74-4*	-	< 0.6	-	N
Acenaphthylene	208-96-8	-	< 0.1	-	U
Dimethylphthalate	131-11-3	-	< 0.1	-	U
2,6-Dinitrotoluene	606-20-2	-	< 0.6	-	U
Acenaphthene	83-32-9	5.08	0.1	90	U
3-Nitroaniline	99-09-2*	-	< 17.0	-	N

Target Compounds	CAS #	R.T.	Concentration mg/kg	% Fit	Accr. code
2,4-Dinitrophenol	51-28-5*	-	< 0.6	-	N
Dibenzofuran	132-64-9	-	< 0.1	-	U
4-Nitrophenol	100-02-7*	-	< 0.6	-	N
2,4-Dinitrotoluene	121-14-2*	-	< 0.2	-	N
Fluorene	86-73-7	5.40	0.1	77	U
Diethylphthalate	84-66-2	-	< 0.1	-	U
4-Chlorophenyl-phenylether	7005-72-3	-	< 0.1	-	U
4,6-Dinitro-2-methylphenol	534-52-1*	-	< 0.2	-	N
4-Nitroaniline	100-01-6*	-	< 0.7	-	N
N-Nitrosodiphenylamine	86-30-6*	5.46	0.1	77	N
4-Bromophenyl-phenylether	101-55-3	-	< 0.1	-	U
Hexachlorobenzene	118-74-1	-	< 0.1	-	U
Pentachlorophenol	87-86-5*	-	< 0.6	-	N
Phenanthrene	85-01-8	6.01	1.1	98	U
Anthracene	120-12-7	6.04	0.2	100	U
Di-n-butylphthalate	84-74-2	-	< 0.1	-	U
Fluoranthene	206-44-0	6.87	1.3	89	U
Pyrene	129-00-0	7.06	0.9	89	U
Butylbenzylphthalate	85-68-7*	7.71	1.4	89	N
Benzo[a]anthracene	56-55-3	8.44	0.7	92	U
Chrysene	218-01-9	8.49	0.7	85	U
3,3'-Dichlorobenzidine	91-94-1*	-	N.D	-	N
bis(2-Ethylhexyl)phthalate	117-81-7	8.50	0.7	98	U
Di-n-octylphthalate	117-84-0*	-	< 0.2	-	N
Benzo[b]fluoranthene	205-99-2	10.24	0.9	98	U
Benzo[k]fluoranthene	207-08-9	10.28	0.4	98	U
Benzo[a]pyrene	50-32-8	10.85	0.6	95	U
Indeno[1,2,3-cd]pyrene	193-39-5	-	< 0.6	-	U
Dibenzo[a,h]anthracene	53-70-3	-	< 0.6	-	U
Benzo[g,h,i]perylene	191-24-2	-	< 0.6	-	U
Coronene	191-07-1*	-	< 0.4	-	N

Internal Standards	% Area
1,4-Dichlorobenzene-d4	70
Naphthalene-d8	72
Acenaphthene-d10	64
Phenanthrene-d10	70
Chrysene-d12	82
Perylene-d12	76

Surrogates	% Rec
2-Fluorophenol	57
Phenol-d5	75
Nitrobenzene-d5	74
2-Fluorobiphenyl	80
2,4,6-Tribromophenol	18
Terphenyl-d14	96

This analysis was conducted on an 'As Received' basis.

Concentrations are reported on a dry weight basis.

Where individual results are flagged see report notes for status.
Results corrected to dry weight at 105°C where appropriate, in accordance with the MCERTS standard.

Gasoline Range Organics
(BTEX and Aromatic/Aliphatic Carbon Ranges)

Customer and Site Details: RPS : JER6108 Tremorfa Industrial Estate
Job Number: S17_3390M
Directory: E:\TES\DATA\2017\0330HSA_GC9\033017 2017-03-30 11-13-03\119B1901.D
Method: HEADSPACE GCFID
Accreditation Code: UM

Matrix: Soil
Date Booked in: 29-Mar-17
Date extracted: 30-Mar-17
Date Analysed: 30-Mar-17, 16:39:
Units: mg/kg

*** Sample data with an asterisk are not UKAS accredited.**

		BTEX				Aromatics		Aliphatics		Total GRO
Sample ID	**Client ID**	**Benzene**	**Toluene**	**Ethyl benzene**	**Xylenes**	**C5 - C7**	**>C7 - C8**	**C5 - C6**	**>C6 - C8**	**C5 - C10**
CL1753659	TP1 0.60	<0.011	<0.011	<0.011	<0.021	<0.01	<0.01	<0.2	<0.2	<0.2
CL1753660	TP2 1.20	<0.011	<0.011	<0.011	<0.023	<0.01	<0.01	<0.2	<0.2	<0.2
CL1753662	TP4 1.70	<0.011	<0.011	<0.011	<0.022	<0.01	<0.01	<0.2	<0.2	<0.2
CL1753663	TP5 0.75	<0.011	<0.011	<0.011	<0.021	<0.01	<0.01	<0.2	<0.2	<0.2
CL1753664	TP6 1.10	<0.011	<0.011	<0.011	<0.023	<0.01	<0.01	<0.2	<0.2	<0.2
CL1753666	TP8 1.80	<0.012	<0.012	<0.012	<0.023	<0.01	<0.01	<0.2	<0.2	<0.2
CL1753667	TP10 0.60	<0.011	<0.011	<0.011	<0.022	<0.01	<0.01	<0.2	<0.2	<0.2
CL1753668	TP11 1.60	<0.011	<0.011	<0.011	<0.023	<0.01	<0.01	<0.2	<0.2	<0.2
CL1753669	TP12 2.00	<0.012	<0.012	<0.012	<0.024	<0.01	<0.01	<0.2	<0.2	<0.2
CL1753671	BH-1 8.00	<0.015	<0.015	<0.015	<0.030	<0.02	<0.02	<0.3	<0.3	<0.3
CL1753672	BH2 7.00-9.00	<0.019	<0.019	<0.019	<0.038	<0.02	<0.02	<0.4	<0.4	<0.4
CL1753673	BH2 15.00	<0.014	<0.014	<0.014	<0.028	<0.01	<0.01	<0.3	<0.3	<0.3
CL1753675	BH3 13.50-15.00	<0.014	<0.014	<0.014	<0.028	<0.01	<0.01	<0.3	<0.3	<0.3

Where individual results are flagged see report notes for status.
Results corrected to dry weight at 105°C where appropriate, in accordance with the MCERTS standard.

ALIPHATIC / AROMATIC FRACTION BY GC/FID

Customer and Site Details: RPS : JER6108 Tremorfa Industrial Estate
Job Number: S17_3390M
QC Batch Number: 170374
Directory: D:\TES\DATA\Y2017\040317TPH_GC14\040317 2017-04-03 14-58-15\049B5901.D
Method: Ultra Sonic

Separation: Silica gel
Eluents: Hexane, DCM

Matrix: Soil
Date Booked in: 29-Mar-17
Date Extracted: 31-Mar-17
Date Analysed: 04-Apr-17, 02:16:23

This sample data is not MCERTS accredited.

Ba * This sample data is not ISO17025 accredited.

		Concentration, (mg/kg) - as dry weight.												
		>C8 - C10	>C8 - C10	>C10 - C12	>C10 - C12	>C12 - C16	>C12 - C16	>C16 - C35	>C16 - C21	>C35 - C44*	>C21 - C35	>C35 - C44*	>C8 - C44*	>C8 - C44*
Sample ID	**Client ID**	**Aliphatics**	**Aromatics**	**Aliphatics**	**Aromatics**	**Aliphatics**	**Aromatics**	**Aliphatics**	**Aromatics**	**Aliphatics**	**Aromatics**	**Aromatics**	**Aliphatics**	**Aromatics**
CL1753659	TP1 0.60	<4	<4	<4	<4	<4	<4	148	<4	8.77	38.7	<5.98	163	49.7
CL1753660	TP2 1.20	<5	<5	<5	<5	<5	<5	111.2	13.5	10.6	71.7	<6.42	128	92.2
CL1753662	TP4 1.70	<4	<4	<4	<4	<4	<4	86.8	<4	22.8	205	10.3	115	220
CL1753663	TP5 0.75	<4	<4	<4	<4	<4	<4	335	7.81	88.2	347	182	428	538
CL1753664	TP6 1.10	<5	<5	<5	<5	<5	<5	105.3	7.78	8.6	64.2	<6.42	119	77.1
CL1753666	TP8 1.80	<5	<5	<5	<5	<5	<5	76.4	8.43	7.9	55.7	<6.59	90.2	69.9
CL1753667	TP10 0.60	<4	<4	<4	<4	<4	<4	56.3	<4	<6.30	20.5	<6.30	64	27.2
CL1753668	TP11 1.60	<5	<5	<5	<5	35	6.92	345	39.4	102	413	42.6	484	503
CL1753669	TP12 2.00	<5	<5	<5	<5	16.6	6.15	243	19	21.9	100	<6.60	284	129
CL1753671	BH-1 8.00	<6	<6	<6	<6	<6	<6	62.6	<6	<8.54	20.4	<8.54	76.1	35
CL1753672	BH2 7.00-9.00	<8	<8	<8	<8	<8	<8	353	10.6	58.2	192	29.9	418	236
CL1753673	BH2 15.00	<6	<6	<6	<6	<6	<6	99.4	<6	12.26	52.4	<7.85	117.2	59
CL1753675	BH3 13.50-15.00	<6	<6	<6	<6	<6	<6	55.4	<6	<7.88	39.1	<7.88	65.1	49

Where individual results are flagged see report notes for status.
Results corrected to dry weight at 105°C where appropriate, in accordance with the MCERTS standard.

Volatile Organic Compounds by HSA-GCMS

Accredited?: Yes

Customer and Site Details: RPS: JER6108 Tremorfa Industrial Estate
Sample Details: TP1 0.60
LIMS ID Number: CL1753659
Job Number: S17_3390M

Directory/Quant file: 329VOC.MS19\ Initial Calibration
Date Booked in: 29-Mar-17
Date Analysed: 30-Mar-17
Operator: PR

Matrix: Soil
Method: Headspace
Multiplier: 1.1
Position: 9

Target Compounds	CAS #	R.T. (min.)	Concentration µg/kg	% Fit	Accr. code
Dichlorodifluoromethane	75-71-8 *	-	< 1	-	N
Chloromethane	74-87-3	-	< 3	-	U
Vinyl Chloride	75-01-4	-	< 1	-	UM
Bromomethane	74-83-9	-	< 1	-	UM
Chloroethane	75-00-3	-	< 2	-	UM
Trichlorofluoromethane	75-69-4	1.93	11	M	UM
1,1-Dichloroethene	75-35-48	-	< 1	-	U
trans 1,2-Dichloroethene	156-60-5	-	< 1	-	UM
1,1-Dichloroethane	75-34-3	-	< 1	-	UM
MTBE	1634-04-4	-	< 1	-	UM
2,2-Dichloropropane	594-20-7	-	< 1	-	UM
cis 1,2-Dichloroethene	156-59-2	-	< 6	-	UM
Bromochloromethane	74-97-5	-	< 1	-	UM
Chloroform	67-66-3	-	< 1	-	UM
1,1,1-Trichloroethane	71-55-6	-	< 1	-	UM
Carbon Tetrachloride	56-23-5	-	< 1	-	UM
1,1-Dichloropropene	563-58-6	-	< 1	-	UM
Benzene	71-43-2	-	< 1	-	UM
1,2-Dichloroethane	107-06-2	-	< 1	-	UM
Trichloroethene	79-01-6 *	-	< 1	-	N
1,2-Dichloropropane	78-87-5	-	< 1	-	UM
Dibromomethane	74-95-3	-	< 1	-	UM
Bromodichloromethane	75-27-4	-	< 1	-	UM
cis 1,3-Dichloropropene	10061-01-5	-	< 1	-	UM
Toluene	108-88-3	-	< 6	-	UM
trans 1,3-Dichloropropene	10061-02-6	-	< 1	-	UM
1,1,2-Trichloroethane	79-00-5	-	< 1	-	UM
Tetrachloroethene	127-18-4	-	< 3	-	UM
1,3-Dichloropropane	142-28-9	-	< 1	-	UM
Dibromochloromethane	124-48-1	-	< 1	-	UM
1,2-Dibromoethane	106-93-4	-	< 1	-	UM
Chlorobenzene	108-90-7	-	< 1	-	UM
Ethylbenzene	100-41-4	-	< 2	-	UM
1,1,1,2-Tetrachloroethane	630-20-6	-	< 1	-	UM
m and p-Xylene	108-38-3/106-42-3	-	< 4	-	UM

Target Compounds	CAS #	R.T. (min.)	Concentration µg/kg	% Fit	Accr. code
o-Xylene	95-47-6	-	< 2	-	UM
Styrene	100-42-5	-	< 1	-	UM
Bromoform	75-25-2	-	< 1	-	UM
iso-Propylbenzene	98-82-8	-	< 1	-	UM
1,1,2,2-Tetrachloroethane	79-34-5 *	-	< 1	-	N
Propylbenzene	103-65-1	-	< 1	-	UM
Bromobenzene	108-86-1	-	< 1	-	UM
1,2,3-Trichloropropane	96-18-4	-	< 1	-	UM
2-Chlorotoluene	95-49-8	-	< 1	-	UM
1,3,5-Trimethylbenzene	108-67-8	-	< 1	-	UM
4-Chlorotoluene	106-43-4	-	< 1	-	UM
tert-Butylbenzene	98-06-6	-	< 1	-	UM
1,2,4-Trimethylbenzene	95-63-6	-	< 1	-	UM
sec-Butylbenzene	135-98-8	-	< 1	-	UM
p-Isopropyltoluene	99-87-6	-	< 1	-	UM
1,3-Dichlorobenzene	541-73-1	-	< 1	-	UM
1,4-Dichlorobenzene	106-46-7	-	< 1	-	UM
n-Butylbenzene	104-51-8	-	< 1	-	U
1,2-Dichlorobenzene	95-50-1	-	< 1	-	UM
1,2-Dibromo-3-chloropropane	96-12-8	-	< 1	-	UM
1,2,4-Trichlorobenzene	120-82-1	-	< 3	-	U
Hexachlorobutadiene	87-68-3 *	-	< 2	-	N
Naphthalene	91-20-3	-	< 6	-	UM
1,2,3-Trichlorobenzene	87-61-6	-	< 3	-	UM

Concentrations are reported on a dry weight basis
Compounds marked * are not UKAS or Mcerts accredited
"M" denotes that % fit has been manually interpreted
This analysis was conducted on an 'As Received' basis.

Internal standards	R.T.	Area %	Surrogates	% Rec
Pentafluorobenzene	3.96	90	Dibromofluoromethane	79
1,4-Difluorobenzene	4.31	85	Toluene-d8	95
Chlorobenzene-d5	5.42	71		
Bromofluorobenzene	5.81	55		
1,4-Dichlorobenzene-d4	6.21	40		
Naphthalene-d8	7.02	18		

Where individual results are flagged see report notes for status.
Results corrected to dry weight at 105°C where appropriate, in accordance with the MCERTS standard.

Volatile Organic Compounds by HSA-GCMS

Accredited?: Yes

Customer and Site Details: RPS: JER6108 Tremorfa Industrial Estate
Sample Details: TP5 0.75
LIMS ID Number: CL1753663
Job Number: S17_3390M

Directory/Quant file: 329VOC.MS19\ Initial Calibration
Date Booked in: 29-Mar-17
Date Analysed: 30-Mar-17
Operator: PR

Matrix: Soil
Method: Headspace
Multiplier: 1.03
Position: 10

Target Compounds	CAS #	R.T. (min.)	Concentration µg/kg	% Fit	Accr. code
Dichlorodifluoromethane	75-71-8 *	-	< 1	-	N
Chloromethane	74-87-3	-	< 3	-	U
Vinyl Chloride	75-01-4	-	< 1	-	UM
Bromomethane	74-83-9	-	< 1	-	UM
Chloroethane	75-00-3	-	< 2	-	UM
Trichlorofluoromethane	75-69-4	-	< 1	-	UM
1,1-Dichloroethene	75-35-48	-	< 1	-	U
trans 1,2-Dichloroethene	156-60-5	-	< 1	-	UM
1,1-Dichloroethane	75-34-3	-	< 1	-	UM
MTBE	1634-04-4	-	< 1	-	UM
2,2-Dichloropropane	594-20-7	-	< 1	-	UM
cis 1,2-Dichloroethene	156-59-2	-	< 5	-	UM
Bromochloromethane	74-97-5	-	< 1	-	UM
Chloroform	67-66-3	-	< 1	-	UM
1,1,1-Trichloroethane	71-55-6	-	< 1	-	UM
Carbon Tetrachloride	56-23-5	-	< 1	-	UM
1,1-Dichloropropene	563-58-6	-	< 1	-	UM
Benzene	71-43-2	-	< 1	-	UM
1,2-Dichloroethane	107-06-2	-	< 1	-	UM
Trichloroethene	79-01-6 *	-	< 1	-	N
1,2-Dichloropropane	78-87-5	-	< 1	-	UM
Dibromomethane	74-95-3	-	< 1	-	UM
Bromodichloromethane	75-27-4	-	< 1	-	UM
cis 1,3-Dichloropropene	10061-01-5	-	< 1	-	UM
Toluene	108-88-3	-	< 5	-	UM
trans 1,3-Dichloropropene	10061-02-6	-	< 1	-	UM
1,1,2-Trichloroethane	79-00-5	-	< 1	-	UM
Tetrachloroethene	127-18-4	-	< 3	-	UM
1,3-Dichloropropane	142-28-9	-	< 1	-	UM
Dibromochloromethane	124-48-1	-	< 1	-	UM
1,2-Dibromoethane	106-93-4	-	< 1	-	UM
Chlorobenzene	108-90-7	-	< 1	-	UM
Ethylbenzene	100-41-4	-	< 2	-	UM
1,1,1,2-Tetrachloroethane	630-20-6	-	< 1	-	UM
m and p-Xylene	108-38-3/106-42-3	-	< 4	-	UM

Target Compounds	CAS #	R.T. (min.)	Concentration µg/kg	% Fit	Accr. code
o-Xylene	95-47-6	-	< 2	-	UM
Styrene	100-42-5	-	< 1	-	UM
Bromoform	75-25-2	-	< 1	-	UM
iso-Propylbenzene	98-82-8	-	< 1	-	UM
1,1,2,2-Tetrachloroethane	79-34-5 *	-	< 1	-	N
Propylbenzene	103-65-1	-	< 1	-	UM
Bromobenzene	108-86-1	-	< 1	-	UM
1,2,3-Trichloropropane	96-18-4	-	< 1	-	UM
2-Chlorotoluene	95-49-8	-	< 1	-	UM
1,3,5-Trimethylbenzene	108-67-8	-	< 1	-	UM
4-Chlorotoluene	106-43-4	-	< 1	-	UM
tert-Butylbenzene	98-06-6	-	< 1	-	UM
1,2,4-Trimethylbenzene	95-63-6	-	< 1	-	UM
sec-Butylbenzene	135-98-8	-	< 1	-	UM
p-Isopropyltoluene	99-87-6	-	< 1	-	UM
1,3-Dichlorobenzene	541-73-1	-	< 1	-	UM
1,4-Dichlorobenzene	106-46-7	-	< 1	-	UM
n-Butylbenzene	104-51-8	-	< 1	-	U
1,2-Dichlorobenzene	95-50-1	-	< 1	-	UM
1,2-Dibromo-3-chloropropane	96-12-8	-	< 1	-	UM
1,2,4-Trichlorobenzene	120-82-1	-	< 3	-	U
Hexachlorobutadiene	87-68-3 *	-	< 2	-	N
Naphthalene	91-20-3	-	< 5	-	UM
1,2,3-Trichlorobenzene	87-61-6	-	< 3	-	UM

Concentrations are reported on a dry weight basis
Compounds marked * are not UKAS or Mcerts accredited
"M" denotes that % fit has been manually interpreted
This analysis was conducted on an 'As Received' basis.

Internal standards	R.T.	Area %	Surrogates	% Rec
Pentafluorobenzene	3.96	94	Dibromofluoromethane	97
1,4-Difluorobenzene	4.31	85	Toluene-d8	90
Chlorobenzene-d5	5.42	66		
Bromofluorobenzene	5.81	42		
1,4-Dichlorobenzene-d4	6.21	28		
Naphthalene-d8	7.02	8		

Where individual results are flagged see report notes for status.
Results corrected to dry weight at 105°C where appropriate, in accordance with the MCERTS standard.

Volatile Organic Compounds by HSA-GCMS

Accredited?: Yes

Customer and Site Details:	RPS: JER6108 Tremorfa Industrial Estate	**Directory/Quant file:**	329VOC.MS19\ Initial Calibration	**Matrix:**	Soil
Sample Details:	TP10 0.60	**Date Booked in:**	29-Mar-17	**Method:**	Headspace
LIMS ID Number:	CL1753667	**Date Analysed:**	30-Mar-17	**Multiplier:**	1.09
Job Number:	S17_3390M	**Operator:**	PR	**Position:**	11

Target Compounds	CAS #	R.T. (min.)	Concentration µg/kg	% Fit	Accr. code
Dichlorodifluoromethane	75-71-8 *	-	< 1	-	N
Chloromethane	74-87-3	-	< 3	-	U
Vinyl Chloride	75-01-4	-	< 1	-	UM
Bromomethane	74-83-9	-	< 1	-	UM
Chloroethane	75-00-3	-	< 2	-	UM
Trichlorofluoromethane	75-69-4	-	< 1	-	UM
1,1-Dichloroethene	75-35-48	-	< 1	-	U
trans 1,2-Dichloroethene	156-60-5	-	< 1	-	UM
1,1-Dichloroethane	75-34-3	-	< 1	-	UM
MTBE	1634-04-4	-	< 1	-	UM
2,2-Dichloropropane	594-20-7	-	< 1	-	UM
cis 1,2-Dichloroethene	156-59-2	-	< 6	-	UM
Bromochloromethane	74-97-5	-	< 1	-	UM
Chloroform	67-66-3	-	< 1	-	UM
1,1,1-Trichloroethane	71-55-6	-	< 1	-	UM
Carbon Tetrachloride	56-23-5	-	< 1	-	UM
1,1-Dichloropropene	563-58-6	-	< 1	-	UM
Benzene	71-43-2	-	< 1	-	UM
1,2-Dichloroethane	107-06-2	-	< 1	-	UM
Trichloroethene	79-01-6 *	-	< 1	-	N
1,2-Dichloropropane	78-87-5	-	< 1	-	UM
Dibromomethane	74-95-3	-	< 1	-	UM
Bromodichloromethane	75-27-4	-	< 1	-	UM
cis 1,3-Dichloropropene	10061-01-5	-	< 1	-	UM
Toluene	108-88-3	-	< 6	-	UM
trans 1,3-Dichloropropene	10061-02-6	-	< 1	-	UM
1,1,2-Trichloroethane	79-00-5	-	< 1	-	UM
Tetrachloroethene	127-18-4	-	< 3	-	UM
1,3-Dichloropropane	142-28-9	-	< 1	-	UM
Dibromochloromethane	124-48-1	-	< 1	-	UM
1,2-Dibromoethane	106-93-4	-	< 1	-	UM
Chlorobenzene	108-90-7	-	< 1	-	UM
Ethylbenzene	100-41-4	-	< 2	-	UM
1,1,1,2-Tetrachloroethane	630-20-6	-	< 1	-	UM
m and p-Xylene	108-38-3/106-42-3	-	< 4	-	UM

Target Compounds	CAS #	R.T. (min.)	Concentration µg/kg	% Fit	Accr. code
o-Xylene	95-47-6	-	< 2	-	UM
Styrene	100-42-5	-	< 1	-	UM
Bromoform	75-25-2	-	< 1	-	UM
iso-Propylbenzene	98-82-8	-	< 1	-	UM
1,1,2,2-Tetrachloroethane	79-34-5 *	-	< 1	-	N
Propylbenzene	103-65-1	-	< 1	-	UM
Bromobenzene	108-86-1	-	< 1	-	UM
1,2,3-Trichloropropane	96-18-4	-	< 1	-	UM
2-Chlorotoluene	95-49-8	-	< 1	-	UM
1,3,5-Trimethylbenzene	108-67-8	-	< 1	-	UM
4-Chlorotoluene	106-43-4	-	< 1	-	UM
tert-Butylbenzene	98-06-6	-	< 1	-	UM
1,2,4-Trimethylbenzene	95-63-6	-	< 1	-	UM
sec-Butylbenzene	135-98-8	-	< 1	-	UM
p-Isopropyltoluene	99-87-6	-	< 1	-	UM
1,3-Dichlorobenzene	541-73-1	-	< 1	-	UM
1,4-Dichlorobenzene	106-46-7	-	< 1	-	UM
n-Butylbenzene	104-51-8	-	< 1	-	U
1,2-Dichlorobenzene	95-50-1	-	< 1	-	UM
1,2-Dibromo-3-chloropropane	96-12-8	-	< 1	-	UM
1,2,4-Trichlorobenzene	120-82-1	-	< 3	-	U
Hexachlorobutadiene	87-68-3 *	-	< 2	-	N
Naphthalene	91-20-3	-	< 6	-	UM
1,2,3-Trichlorobenzene	87-61-6	-	< 3	-	UM

Concentrations are reported on a dry weight basis
Compounds marked * are not UKAS or Mcerts accredited
"M" denotes that % fit has been manually interpreted
This analysis was conducted on an 'As Received' basis.

Internal standards	R.T.	Area %	Surrogates	% Rec
Pentafluorobenzene	3.96	101	Dibromofluoromethane	63
1,4-Difluorobenzene	4.31	100	Toluene-d8	95
Chlorobenzene-d5	5.42	95		
Bromofluorobenzene	5.81	82		
1,4-Dichlorobenzene-d4	6.21	70		
Naphthalene-d8	7.02	46		

Where individual results are flagged see report notes for status.
Results corrected to dry weight at 105°C where appropriate, in accordance with the MCERTS standard.

Volatile Organic Compounds by HSA-GCMS

Accredited?: Yes

Customer and Site Details: RPS: JER6108 Tremorfa Industrial Estate
Sample Details: TP12 2.00
LIMS ID Number: CL1753669
Job Number: S17_3390M

Directory/Quant file: 329VOC.MS19\ Initial Calibration
Date Booked in: 29-Mar-17
Date Analysed: 30-Mar-17
Operator: PR

Matrix: Soil
Method: Headspace
Multiplier: 0.96
Position: 12

Target Compounds	CAS #	R.T. (min.)	Concentration µg/kg	% Fit	Accr. code
Dichlorodifluoromethane	75-71-8 *	-	< 1	-	N
Chloromethane	74-87-3	-	< 4	-	U
Vinyl Chloride	75-01-4	-	< 1	-	UM
Bromomethane	74-83-9	-	< 1	-	UM
Chloroethane	75-00-3	-	< 2	-	UM
Trichlorofluoromethane	75-69-4	-	< 1	-	UM
1,1-Dichloroethene	75-35-48	-	< 1	-	U
trans 1,2-Dichloroethene	156-60-5	-	< 1	-	UM
1,1-Dichloroethane	75-34-3	-	< 1	-	UM
MTBE	1634-04-4	-	< 1	-	UM
2,2-Dichloropropane	594-20-7	-	< 1	-	UM
cis 1,2-Dichloroethene	156-59-2	-	< 6	-	UM
Bromochloromethane	74-97-5	-	< 1	-	UM
Chloroform	67-66-3	-	< 1	-	UM
1,1,1-Trichloroethane	71-55-6	-	< 1	-	UM
Carbon Tetrachloride	56-23-5	-	< 1	-	UM
1,1-Dichloropropene	563-58-6	-	< 1	-	UM
Benzene	71-43-2	4.14	5	58	UM
1,2-Dichloroethane	107-06-2	-	< 1	-	UM
Trichloroethene	79-01-6 *	-	< 1	-	N
1,2-Dichloropropane	78-87-5	-	< 1	-	UM
Dibromomethane	74-95-3	-	< 1	-	UM
Bromodichloromethane	75-27-4	-	< 1	-	UM
cis 1,3-Dichloropropene	10061-01-5	-	< 1	-	UM
Toluene	108-88-3	4.91	19	91	UM
trans 1,3-Dichloropropene	10061-02-6	-	< 1	-	UM
1,1,2-Trichloroethane	79-00-5	-	< 1	-	UM
Tetrachloroethene	127-18-4	-	< 4	-	UM
1,3-Dichloropropane	142-28-9	-	< 1	-	UM
Dibromochloromethane	124-48-1	-	< 1	-	UM
1,2-Dibromoethane	106-93-4	-	< 1	-	UM
Chlorobenzene	108-90-7	-	< 1	-	UM
Ethylbenzene	100-41-4	5.44	5	57	UM
1,1,1,2-Tetrachloroethane	630-20-6	-	< 1	-	UM
m and p-Xylene	108-38-3/106-42-3	5.47	19	88	UM

Target Compounds	CAS #	R.T. (min.)	Concentration µg/kg	% Fit	Accr. code
o-Xylene	95-47-6	5.62	7	M	UM
Styrene	100-42-5	-	< 1	-	UM
Bromoform	75-25-2	-	< 1	-	UM
iso-Propylbenzene	98-82-8	-	< 1	-	UM
1,1,2,2-Tetrachloroethane	79-34-5 *	-	< 1	-	N
Propylbenzene	103-65-1	-	< 1	-	UM
Bromobenzene	108-86-1	-	< 1	-	UM
1,2,3-Trichloropropane	96-18-4	-	< 1	-	UM
2-Chlorotoluene	95-49-8	-	< 1	-	UM
1,3,5-Trimethylbenzene	108-67-8	5.92	6	M	UM
4-Chlorotoluene	106-43-4	-	< 1	-	UM
tert-Butylbenzene	98-06-6	-	< 1	-	UM
1,2,4-Trimethylbenzene	95-63-6	6.06	15	M	UM
sec-Butylbenzene	135-98-8	-	< 1	-	UM
p-Isopropyltoluene	99-87-6	-	< 1	-	UM
1,3-Dichlorobenzene	541-73-1	-	< 1	-	UM
1,4-Dichlorobenzene	106-46-7	-	< 1	-	UM
n-Butylbenzene	104-51-8	-	< 1	-	U
1,2-Dichlorobenzene	95-50-1	-	< 1	-	UM
1,2-Dibromo-3-chloropropane	96-12-8	-	< 1	-	UM
1,2,4-Trichlorobenzene	120-82-1	-	< 4	-	U
Hexachlorobutadiene	87-68-3 *	-	< 2	-	N
Naphthalene	91-20-3	7.04	18	71	UM
1,2,3-Trichlorobenzene	87-61-6	-	< 4	-	UM

Concentrations are reported on a dry weight basis
Compounds marked * are not UKAS or Mcerts accredited
"M" denotes that % fit has been manually interpreted
This analysis was conducted on an 'As Received' basis.

Internal standards	R.T.	Area %	Surrogates	% Rec
Pentafluorobenzene	3.96	97	Dibromofluoromethane	7
1,4-Difluorobenzene	4.31	92	Toluene-d8	96
Chlorobenzene-d5	5.42	79		
Bromofluorobenzene	5.81	63		
1,4-Dichlorobenzene-d4	6.21	51		
Naphthalene-d8	7.02	31		

Where individual results are flagged see report notes for status.
Results corrected to dry weight at 105°C where appropriate, in accordance with the MCERTS standard.

ASBESTOS ANALYSIS RESULTS

ESG Asbestos Limited Certificate of Analysis for Asbestos in Soils, Sediments and Aggregates

1089

Detection limit of Method S

Sampling has been carried

Client:	ESG Environmental Chemistry	**Page 1 of 1**	
Address:	Etwall House, Bretby Business Park, Ashby Road, Burton upon Trent	**Report No:**	**ANO-0503-14123**
For the attention of:	RPS	**Report Date:**	**06/04/2017**
Site Address:	JER6108 Tremorfa Industrial Estate	**Project Number:**	**S173390**

Sample Number	Sample Date	Sample Location & Matrix	Test Date	Total Sample Dry Weight (g)	Weight of <10mm Fraction (g)	Asbestos(g) in >10mm	Asbestos(g) in < 10mm	% Asbestos by weight of Total Dried Sample	Moisture Content	Asbestos Fibre Types I
CL/1753661	21/03/17	TP4 0.50 Soils	06/04/2017	1487	858			Identification		NAIIS
CL/1753662	21/03/17	TP4 1.70 Soils	06/04/2017	1400	1020			Identification		NAIIS
CL/1753663	21/03/17	TP5 0.75 Soils	06/04/2017	1702	1012			Identification		NAIIS
CL/1753664	21/03/17	TP6 1.10 Soils	06/04/2017	1427	1022			Identification		NAIIS
CL/1753665	21/03/17	TP7 1.20 Soils	06/04/2017	1331	1001			Identification		NAIIS
CL/1753666	22/03/17	TP8 1.80 Soils	06/04/2017	1468	1059			Identification		NAIIS
CL/1753667	22/03/17	TP10 0.60 Soils	06/04/2017	1306	721			Identification		NAIIS
CL/1753668	22/03/17	TP11 1.60 Soils	06/04/2017	1315	824			Identification		NAIIS
CL/1753669	22/03/17	TP12 2.00 Soils	06/04/2017	1552	1127			Identification		NAIIS
CL/1753670	20/03/17	BH-1 1.00 Soils	06/04/2017	1584	1308			Identification		NAIIS
CL/1753674	23/03/17	BH3 6.00-7.00 Soils	06/04/2017	1685	1446			Identification		NAIIS

Keys

NAACR = Not Analysed at Clients Request

NAIIS = No Asbestos Identified in Sample (Identification Only)

*** visible to naked eye**

NADIS = No Asbestos Detected in Sample (ID & Quant Only)

Name: Tom Pratt

Position: Lab Supervisor

The sample analysis for the above results was carried out using the procedures detailed in ESG Asbestos Limited in house method (SCI-ASB-020) based on EA document Quantification of asbestos in soil and associated materials - Draft 12 - February 2016. using ESG Asbestos Limited in house method of transmitted/polarised light microscopy and centre stop dispersion staining (SCI-ASB-007), based on HSE's HSG 248. The analysis of the < 10mm fraction for asbestos content only includes ACMs and fibres a fibres. All fibres are assumed, unless specified, to be amphiboles. All tests were carried out at ESG Asbestos Laboratory, Ashbourne House, Bretby Business Park, Ashby Road, Burton-upon-Trent, Staffordshire. DE15 0YZ, UKAS Laboratory Number 1089.

Where individual results are flagged see report notes for status.

Sample Analysis

ESG Environmental Chemistry
Analytical and Deviating Sample Overview

S173390M

Customer RPS
Site JER6108 Tremorfa Industrial Estate
Report No S173390M

Consignment No S64305
Date Logged 29-Mar-2017
Report Due 05-Apr-2017

ID Number	Description	MethodID	CustServ	FOCS	GROHSA	ICPBOR	ICPMSS									ICPSOIL		MCertS	PAHMSUS	PCBECD	PHSOIL	Sub002	SVOCMSUS	TMSS	TPHUSSI	VOCHSAS	WSLM59
		Sampled	REPORT A	S.O.M. % (Calc)	GRO (AA-UK) HSA-GCFID	Boron (H20 Soluble)	Arsenic (MS)	Cadmium (MS)	Chromium (MS)	Copper (MS)	Lead (MS)	Mercury (MS)	Nickel (MS)	Selenium (MS)	Vanadium (MS)	Zinc (MS)	Barium.	Beryllium.	MCertS Analysis	PAH (16) by GCMS	PCB-12 Congeners Analysis	pH units (AR)	^Asbestos Screen & ID (Stage 1)	SVOC by GCMS (AR)	Tot.Moisture @ 105C	TPH by GCFID (Si-UKCWG)>44	VOC HSA-GCMS	Total Organic Carbon
					✓	✓	✓	✓	✓	✓	✓	✓	✓	✓		✓	✓	✓		✓	✓	✓	✓	✓	✓	✓	✓	✓
CL/1753659	TP1 0.60	21/03/17																										
CL/1753660	TP2 1.20	21/03/17																										
CL/1753661	TP4 0.50	21/03/17																										
CL/1753662	TP4 1.70	21/03/17																										
CL/1753663	TP5 0.75	21/03/17																										
CL/1753664	TP6 1.10	21/03/17																										
CL/1753665	TP7 1.20	21/03/17																										
CL/1753666	TP8 1.80	22/03/17																										
CL/1753667	TP10 0.60	22/03/17																										
CL/1753668	TP11 1.60	22/03/17																										
CL/1753669	TP12 2.00	22/03/17																										
CL/1753670	BH-1 1.00	20/03/17																										
CL/1753671	BH-1 8.00	20/03/17																										
CL/1753672	BH2 7.00-9.00	22/03/17																										
CL/1753673	BH2 15.00	22/03/17																										

Note: For analysis where the scheduled turnaround is greater than the holding time we will do our utmost to prioritise these samples. However, it is possible that samples could become deviant whilst being processed in the laboratory.

In this instance please contact the laboratory immediately should you wish to discuss how you would like us to proceed. If you do not respond within 24 hours, we will proceed as originally requested.

Deviating Sample Key

A	The sample was received in an inappropriate container for this analysis
B	The sample was received without the correct preservation for this analysis
C	Headspace present in the sample container
D	The sampling date was not supplied so holding time may be compromised - applicable to all analysis
E	Sample processing did not commence within the appropriate holding time
F	Sample processing did not commence within the appropriate handling time

Requested Analysis Key

	Analysis Required
	Analysis dependant upon trigger result - **Note: due date may be affected if triggered**
	No analysis scheduled
^	Analysis Subcontracted - **Note: due date may vary**

Where individual results are flagged see report notes for status.
The integrity of data for samples/analysis that have been categorised as Deviating may be compromised. Data may not be representative of the sample at the time of sampling.

Analytical and Deviating Sample Overview

Customer RPS
Site JER6108 Tremorfa Industrial Estate
Report No S173390M

Consignment No S64305
Date Logged 29-Mar-2017

Report Due 05-Apr-2017

ID Number	Description	Sampled	MethodID: WSLM59 Total Organic Carbon
CL/1753659	TP1 0.60	21/03/17	
CL/1753660	TP2 1.20	21/03/17	
CL/1753661	TP4 0.50	21/03/17	
CL/1753662	TP4 1.70	21/03/17	
CL/1753663	TP5 0.75	21/03/17	
CL/1753664	TP6 1.10	21/03/17	
CL/1753665	TP7 1.20	21/03/17	
CL/1753666	TP8 1.80	22/03/17	
CL/1753667	TP10 0.60	22/03/17	
CL/1753668	TP11 1.60	22/03/17	
CL/1753669	TP12 2.00	22/03/17	
CL/1753670	BH-1 1.00	20/03/17	
CL/1753671	BH-1 8.00	20/03/17	
CL/1753672	BH2 7.00-9.00	22/03/17	
CL/1753673	BH2 15.00	22/03/17	

Note: For analysis where the scheduled turnaround is greater than the holding time we will do our utmost to prioritise these samples. However, it is possible that samples could become deviant whilst being processed in the laboratory.

In this instance please contact the laboratory immediately should you wish to discuss how you would like us to proceed. If you do not respond within 24 hours, we will proceed as originally requested.

Deviating Sample Key

A	The sample was received in an inappropriate container for this analysis
B	The sample was received without the correct preservation for this analysis
C	Headspace present in the sample container
D	The sampling date was not supplied so holding time may be compromised - applicable to all analysis
E	Sample processing did not commence within the appropriate holding time
F	Sample processing did not commence within the appropriate handling time

Requested Analysis Key

	Analysis Required
	Analysis dependant upon trigger result - **Note: due date may be affected if triggered**
	No analysis scheduled
^	Analysis Subcontracted - **Note: due date may vary**

Where individual results are flagged see report notes for status.

The integrity of data for samples/analysis that have been categorised as Deviating may be compromised. Data may not be representative of the sample at the time of sampling.

Sample Analysis

ESG Environmental Chemistry
Analytical and Deviating Sample Overview

S173390M

Customer RPS
Site JER6108 Tremorfa Industrial Estate
Report No S173390M

Consignment No S64305
Date Logged 29-Mar-2017

Report Due 05-Apr-2017

ID Number	Description	MethodID	CustServ	FOCS	GROHSA	ICPBOR	ICPMSS									ICPSOIL		MCertS	PAHMSUS	PCBECD	PHSOIL	Sub002	SVOCMSUS	TMSS	TPHUSSI	VOCHSAS	WSLM59
		Sampled	REPORT A	S.O.M. % (Calc)	GRO (AA-UK) HSA-GCFID	Boron (H20 Soluble)	Arsenic (MS)	Cadmium (MS)	Chromium (MS)	Copper (MS)	Lead (MS)	Mercury (MS)	Nickel (MS)	Selenium (MS)	Vanadium (MS)	Zinc (MS)	Barium.	Beryllium.	MCertS Analysis	PAH (16) by GCMS	PCB-12 Congeners Analysis	pH units (AR)	^Asbestos Screen & ID (Stage 1)	SVOC by GCMS (AR)	Tot.Moisture @ 105C	TPH by GCFID (Si-UKCWG)>44	VOC HSA-GCMS	Total Organic Carbon
					✓	✓	✓	✓	✓	✓	✓	✓	✓	✓		✓	✓	✓		✓	✓	✓	✓	✓	✓	✓	✓	✓
CL/1753674	BH3 6.00-7.00	23/03/17																										
CL/1753675	BH3 13.50-15.00	23/03/17																										

Note: For analysis where the scheduled turnaround is greater than the holding time we will do our utmost to prioritise these samples. However, it is possible that samples could become deviant whilst being processed in the laboratory.

In this instance please contact the laboratory immediately should you wish to discuss how you would like us to proceed. If you do not respond within 24 hours, we will proceed as originally requested.

Deviating Sample Key

A	The sample was received in an inappropriate container for this analysis
B	The sample was received without the correct preservation for this analysis
C	Headspace present in the sample container
D	The sampling date was not supplied so holding time may be compromised - applicable to all analysis
E	Sample processing did not commence within the appropriate holding time
F	Sample processing did not commence within the appropriate handling time

Requested Analysis Key

	Analysis Required
	Analysis dependant upon trigger result - **Note: due date may be affected if triggered**
	No analysis scheduled
^	Analysis Subcontracted - **Note: due date may vary**

Where individual results are flagged see report notes for status.
The integrity of data for samples/analysis that have been categorised as Deviating may be compromised. Data may not be representative of the sample at the time of sampling.

Analytical and Deviating Sample Overview

Customer RPS
Site JER6108 Tremorfa Industrial Estate
Report No S173390M

Consignment No S64305
Date Logged 29-Mar-2017

Report Due 05-Apr-2017

ID Number	Description	MethodID	WSLM59
		Sampled	Total Organic Carbon
			✓
CL/1753674	BH3 6.00-7.00	23/03/17	
CL/1753675	BH3 13.50-15.00	23/03/17	

Note: For analysis where the scheduled turnaround is greater than the holding time we will do our utmost to prioritise these samples. However, it is possible that samples could become deviant whilst being processed in the laboratory.

In this instance please contact the laboratory immediately should you wish to discuss how you would like us to proceed. If you do not respond within 24 hours, we will proceed as originally requested.

Deviating Sample Key	
A	The sample was received in an inappropriate container for this analysis
B	The sample was received without the correct preservation for this analysis
C	Headspace present in the sample container
D	The sampling date was not supplied so holding time may be compromised - applicable to all analysis
E	Sample processing did not commence within the appropriate holding time
F	Sample processing did not commence within the appropriate handling time

Requested Analysis Key	
	Analysis Required
	Analysis dependant upon trigger result - **Note: due date may be affected if triggered**
	No analysis scheduled
^	Analysis Subcontracted - **Note: due date may vary**

Where individual results are flagged see report notes for status.
The integrity of data for samples/analysis that have been categorised as Deviating may be compromised. Data may not be representative of the sample at the time of sampling.

Report Number : EFS/173390

Additional Report Notes

Method Code	Sample ID	The following information should be taken into consideration when using the data contained within this report
SVOCMSUS	CL1753659 to CL1753669	The Primary process control result associated with this Test has not wholly met the requirements of the Laboratory Quality Management System (QMS). The Laboratory believes that the validity of the data has not been affected but in line with our QMS policy we have removed accreditation from the affected analyte which is 4-Chlorophenol . These circumstances should be taken into consideration when utilising the data.
SVOCMSUS	CL1753659 to CL1753669	The Secondary process control result associated with this Test has not wholly met the requirements of the Laboratory Quality Management System (QMS). All other Process controls (including the Primary Process control) are within specification. The Laboratory believes that the validity of the data has not been affected but in line with our QMS policy we have removed accreditation from the affected analytes which are Butyl benzyl phthalate; Di-n-octyl phthalate; Benzyl alcohol; 2,4,6-Trichlorophenol; 2,4-Di-nitro toluene . These circumstances should be taken into consideration when utilising the data.
SVOCMSUS	CL1753663	The matrix of this sample has been found to interfere with the result for this test. The sample has therefore been diluted to improve the signal to noise ratio but in doing so, the detection limit for this test has been elevated.
PAHMSUS	CL175359-60 CL1753662-64 CL1753666-69 CL1753671-73 CL1753675	The Secondary process control result associated with this Test has not wholly met the requirements of the Laboratory Quality Management System (QMS). All other Process controls (including the Primary Process control) are within specification. The Laboratory believes that the validity of the data has not been affected but in line with our QMS policy we have removed accreditation from the affected analytes: Dibenzo[a,h]anthracene. These circumstances should be taken into consideration when utilising the data.

Method Descriptions

Matrix	MethodID	Analysis Basis	Method Description
Soil	FOCS	Oven Dried @ < 35°C	Calculation of Soil Organic Matter content from Organic Carbon content of soil samples
Soil	GROHSA	As Received	Determination of Total Gasoline Range Organics Hydrocarbons (GRO) by Headspace GCFID
Soil	ICPBOR	Oven Dried @ < 35°C	Determination of Boron in soil samples by hot water extraction followed by ICPOES detection
Soil	ICPMSS	Oven Dried @ < 35°C	Determination of Metals in Marine Sediments and Soil samples by aqua regia digestion followed by ICPMS detection
Soil	ICPSOIL	Oven Dried @ < 35°C	Determination of Metals in soil samples by aqua regia digestion followed by ICPOES detection
Soil	PAHMSUS	As Received	Determination of Polycyclic Aromatic Hydrocarbons (PAH) by hexane/acetone extraction followed by GCMS detection
Soil	PCBECD	As Received	Determination of Polychlorinated Biphenyl (PCB) congeners/aroclors by hexane/acetone extraction followed by GCECD detection
Soil	PHSOIL	As Received	Determination of pH of 2.5:1 deionised water to soil extracts using pH probe.
Soil	SubCon*	*	Contact Laboratory for details of the methodology used by the sub-contractor.
Soil	SVOCMSUS	As Received	Determination of Semi Volatile Organic Compounds in soil samples by Dichloromethane/Acetone extraction followed by GCMS detection
Soil	TMSS	As Received	Determination of the Total Moisture content at 105ºC by loss on oven drying gravimetric analysis (% based upon wet weight)
Soil	TPHUSSI	As Received	Determination of hexane/acetone extractable Hydrocarbons in soil with GCFID detection including quantitation of Aromatic and Aliphatic fractions.
Soil	VOCHSAS	As Received	Determination of Volatile Organic Compounds (VOC) by Headspace GCMS
Soil	WSLM59	Oven Dried @ < 35°C	Determination of Organic Carbon in soil using sulphurous Acid digestion followed by high temperature combustion and IR detection

Report Notes

Generic Notes

Soil/Solid Analysis

Unless stated otherwise,
- Results expressed as mg/kg have been calculated on the basis indicated in the Method Description table.
  All results on MCERTS reports are reported on a 105ºC dry weight basis with the exception of pH and conductivity.
- Sulphate analysis not conducted in accordance with BS1377
- Water Soluble Sulphate is on a 2:1 water:soil extract

Waters Analysis

Unless stated otherwise results are expressed as mg/l

Nil: Where "Nil" has been entered against Total Alkalinity or Total Acidity this indicates that a measurement was not required due to the inherent pH of the sample.

Oil analysis specific

Unless stated otherwise,
- Results are expressed as mg/kg
- SG is expressed as g/cm^3@ 15°C

Gas (Tedlar bag) Analysis

Unless stated otherwise, results are expressed as ug/l

Asbestos Analysis

CH Denotes Chrysotile **TR** Denotes Tremolite
CR Denotes Crocidolite **AC** Denotes Actinolite
AM Denotes Amosite **AN** Denotes Anthophylite
NAIIS No Asbestos Identified in Sample
NADIS No Asbestos Detected In Sample

Symbol Reference

^ Sub-contracted analysis.
$$ Unable to analyse due to the nature of the sample
¶ Samples submitted for this analyte were not preserved on site in accordance with laboratory protocols. This may have resulted in deterioration of the sample(s) during transit to the laboratory. Consequently the reported data may not represent the concentration of the target analyte present in the sample at the time of sampling
¥ Results for guidance only due to possible interference
& Blank corrected result
I.S Insufficient sample to complete requested analysis
I.S(g) Insufficient sample to re-analyse, results for guidance only
Intf Unable to analyse due to interferences
N.D Not determined **N.Det** Not detected
N.F No Flow
NS Information Not Supplied
Req Analysis requested, see attached sheets for results
Þ Raised detection limit due to nature of the sample
***** All accreditation has been removed by the laboratory for this result
‡ MCERTS accreditation has been removed for this result
§ accreditation has been removed for this result as it is a non-accredited matrix

Note: The Laboratory may only claim that data is accredited when all of the requirements of our Quality System have been met. Where these requirements have not been met the laboratory may elect to include the data in its final report and remove the accreditation from individual data items if it believes that the validity of the data has not been affected. If further details are required of the circumstances which have led to the removal of accreditation then please do not hesitate to contact the laboratory.

Sample Descriptions

Client : RPS

Site : JER6108 Tremorfa Industrial Estate

Report Number : S17_3390

Note: major constituent in upper case

Lab ID Number	Client ID	Description
CL/1753659	TP1 0.60	Brown Stone SILT
CL/1753660	TP2 1.20	Brown Stone SILT
CL/1753661	TP4 0.50	Brown Stone SILT
CL/1753662	TP4 1.70	Brown MADE GROUND
CL/1753663	TP5 0.75	Brown MADE GROUND
CL/1753664	TP6 1.10	Brown Stone SILT
CL/1753665	TP7 1.20	Brown MADE GROUND
CL/1753666	TP8 1.80	Brown MADE GROUND
CL/1753667	TP10 0.60	Brown MADE GROUND
CL/1753668	TP11 1.60	Brown MADE GROUND
CL/1753669	TP12 2.00	Brown MADE GROUND
CL/1753670	BH-1 1.00	Brown MADE GROUND
CL/1753671	BH-1 8.00	Grey CLAY
CL/1753672	BH2 7.00-9.00	Grey Gravel CLAY
CL/1753673	BH2 15.00	Grey/Brown Gravel CLAY
CL/1753674	BH3 6.00-7.00	Brown MADE GROUND
CL/1753675	BH3 13.50-15.00	Grey Stone CLAY

Our Ref: EFS/173435 (Ver. 1)
Your Ref: JER6108

April 7, 2017

Environmental Chemistry
ESG
Bretby Business Park
Ashby Road
Burton-on-Trent
Staffordshire
DE15 0YZ

Telephone: 01283 554400
Facsimile: 01283 554422

Daniel James
RPS
2420 The Quadrant
Aztec West
Almondsbury
Bristol
BS32 4AQ

For the attention of Daniel James

Dear Daniel James

Sample Analysis - JER6108 Tremorfa Industrial Estate

Samples from the above site have been analysed in accordance with the schedule supplied.
The sample details and the results of analyses for these samples are given in the appended report.

An invoice for this work will follow under a separate cover.

Where appropriate the samples will be kept until 10/05/17 when they will be discarded. Please call 01283 554458 for an extension of this date.
Please be aware that our policy for the retention of paper based laboratory records and analysis reports is 6 years.

The work was carried out in accordance with Environmental Scientifics Group Ltd (Multi-Sector Services) Standard Terms and Conditions of Contract.

If I can be of any further assistance please do not hesitate to contact me.

Yours sincerely

for ESG

J Chislett
Project Co-ordinator
01283 554458

TEST REPORT

UKAS TESTING
1252

Report No. EFS/173435 (Ver. 1)

RPS
RPS
2420 The Quadrant
Aztec West
Almondsbury
Bristol
BS32 4AQ

Site: JER6108 Tremorfa Industrial Estate

The 2 samples described in this report were registered for analysis by ESG on 29-Mar-2017. This report supersedes any versions previously issued by the laboratory.

The analysis was completed by: 07-Apr-2017

Tests where the accreditation is set to N or No, and any individual data items marked with a * are not UKAS accredited. Opinions and interpretations expressed herein are outside the scope of UKAS accreditation.

The following tables are contained in this report:

Table 1 Main Analysis Results (Page 2)
Subcontracted Analysis Reports (Pages 3 to 4)
The accreditation status of subcontracted analysis is displayed on the appended subcontracted analysis reports.
Analytical and Deviating Sample Overview (Page 5)
Table of Method Descriptions (Page 6)
Table of Report Notes (Page 7)
Table of Sample Descriptions (Appendix A Page 1 of 1)

On behalf of
ESG :
Tim Barnes

Operations Director
Energy & Waste Services

Date of Issue: 07-Apr-2017

Tests marked '^' have been subcontracted to another laboratory.
Where samples have been flagged as deviant on the Analytical and Deviating Sample Overview, for any reason, the data may not be representative of the sample at the point of sampling and the validity of the data may be affected.
ESG accepts no responsibility for any sampling not carried out by our personnel.

		Units :																
		Method Codes :	Sub020															
		Method Reporting Limits :																
		UKAS Accredited :	Yes															
LAB ID Number CL/	**Client Sample Description**	**Sample Date**	**^Asbestos ID (Stage 1)**															
1753802	TP1 1.60		CR															
1753803	TP3 1.80		NAIIS															

Bretby Business Park, Ashby Road

Burton-on-Trent, Staffordshire, DE15 0YZ

Tel +44 (0) 1283 554400

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Client Name	**RPS**
Contact	Daniel James

JER6108 Tremorfa Industrial Estate

Sample Analysis

Date Printed	**07-Apr-2017**
Report Number	**EFS/173435**
Table Number	**1**

IOM

WORKING FOR A HEALTHIER FUTURE

CERTIFICATE OF ANALYSIS

ANALYSIS REQUESTED BY: ESG Environmental Chemistry
PO Box 100
Burton upon Trent
Staffordshire
DE15 0XD

CONTRACT NO: 52802-2

PROJECT NO: 610

DATE OF ISSUE: 07.04.17

DATE SAMPLES RECEIVED: 31.03.17

DATE SAMPLES ANALYSED: 07.04.17

SAMPLE DESCRIPTION: Two soil/loose aggregate samples.

ANALYSIS REQUESTED: Qualitative analysis of samples for determination of presence/type of asbestos.

METHODS:

Our method involves initial examination of entire samples followed by detailed analysis of representative sub-samples. The sub samples are analysed qualitatively for asbestos by polarised light and dispersion staining as described by the Health and Safety Executive in HSG 248.

RESULTS:

Initial Screening

Asbestos was detected in one of the soil samples by stereo-binocular and polarised light microscopy.

A summary of the results is given in Table 1.

www.iom-world.org
Registered Address: Research Avenue North, Riccarton, Edinburgh, EH14 4AP, United Kingdom
Tel: 0131 449 8000 Fax: 0131 449 8084 Email: iom@iom-world.org

IOM CONSULTING LIMITED, registered in Scotland No. SC205670

UKAS TESTING
0374

CONTRACT NO: 52802-2
PROJECT NO: 610
DATE OF ISSUE: 07.04.17

RESULTS: (cont.)

Table 1: Qualitative Results

ESG Job I.D: S173435

IOM sample number	Client sample number	ACM type detected	PLM result
S47305	S1753802 TP1 1.60	Free Fibres	Crocidolite
S47306	S1753803 TP3 1.80	-	No Asbestos Detected

Our detection limit for this method is 0.001%.

COMMENTS:

IOM Consulting cannot accept responsibility for samples that have been incorrectly collected or despatched by external clients.

Any opinions and interpretations expressed herein are outwith the scope of our UKAS accreditation.

AUTHORISED BY: .....
D Third
Scientific Technician

Analytical and Deviating Sample Overview

Customer RPS
Site JER6108 Tremorfa Industrial Estate
Report No S173435

Consignment No S64305
Date Logged 29-Mar-2017

Report Due 05-Apr-2017

ID Number	Description	MethodID	CustServ	Sub020
		Sampled	REPORT A	^Asbestos ID (Stage 1)
				✓
CL/1753802	TP1 1.60	D	D	D
CL/1753803	TP3 1.80	D	D	D

Note: For analysis where the scheduled turnaround is greater than the holding time we will do our utmost to prioritise these samples. However, it is possible that samples could become deviant whilst being processed in the laboratory.

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Deviating Sample Key	
A	The sample was received in an inappropriate container for this analysis
B	The sample was received without the correct preservation for this analysis
C	Headspace present in the sample container
D	The sampling date was not supplied so holding time may be compromised - applicable to all analysis
E	Sample processing did not commence within the appropriate holding time
F	Sample processing did not commence within the appropriate handling time

Requested Analysis Key	
	Analysis Required
	Analysis dependant upon trigger result - **Note: due date may be affected if triggered**
	No analysis scheduled
^	Analysis Subcontracted - **Note: due date may vary**

Where individual results are flagged see report notes for status.

 The integrity of data for samples/analysis that have been categorised as Deviating may be compromised. Data may not be representative of the sample at the time of sampling.

Method Descriptions

Matrix	MethodID	Analysis Basis	Method Description
Soil	SubCon*	*	Contact Laboratory for details of the methodology used by the sub-contractor.

Where individual results are flagged see report notes for status.

Report Notes

Generic Notes

Soil/Solid Analysis

Unless stated otherwise,
- Results expressed as mg/kg have been calculated on the basis indicated in the Method Description table.
  All results on MCERTS reports are reported on a 105ºC dry weight basis with the exception of pH and conductivity.
- Sulphate analysis not conducted in accordance with BS1377
- Water Soluble Sulphate is on a 2:1 water:soil extract

Waters Analysis

Unless stated otherwise results are expressed as mg/l
Nil: Where "Nil" has been entered against Total Alkalinity or Total Acidity this indicates that a measurement was not required due to the inherent pH of the sample.

Oil analysis specific

Unless stated otherwise,
- Results are expressed as mg/kg
- SG is expressed as g/cm^3@ 15°C

Gas (Tedlar bag) Analysis

Unless stated otherwise, results are expressed as ug/l

Asbestos Analysis

CH Denotes Chrysotile **TR** Denotes Tremolite
CR Denotes Crocidolite **AC** Denotes Actinolite
AM Denotes Amosite **AN** Denotes Anthophylite
NAIIS No Asbestos Identified in Sample
NADIS No Asbestos Detected In Sample

Symbol Reference

^ Sub-contracted analysis.
$$ Unable to analyse due to the nature of the sample
¶ Samples submitted for this analyte were not preserved on site in accordance with laboratory protocols. This may have resulted in deterioration of the sample(s) during transit to the laboratory. Consequently the reported data may not represent the concentration of the target analyte present in the sample at the time of sampling
¥ Results for guidance only due to possible interference
& Blank corrected result
I.S Insufficient sample to complete requested analysis
I.S(g) Insufficient sample to re-analyse, results for guidance only
Intf Unable to analyse due to interferences
N.D Not determined **N.Det** Not detected
N.F No Flow
NS Information Not Supplied
Req Analysis requested, see attached sheets for results
Þ Raised detection limit due to nature of the sample
***** All accreditation has been removed by the laboratory for this result
‡ MCERTS accreditation has been removed for this result
§ accreditation has been removed for this result as it is a non-accredited matrix

Note: The Laboratory may only claim that data is accredited when all of the requirements of our Quality System have been met. Where these requirements have not been met the laboratory may elect to include the data in its final report and remove the accreditation from individual data items if it believes that the validity of the data has not been affected. If further details are required of the circumstances which have led to the removal of accreditation then please do not hesitate to contact the laboratory.

Sample Descriptions

Client : RPS

Site : JER6108 Tremorfa Industrial Estate

Report Number : S17_3435

Note: major constituent in upper case

Lab ID Number	Client ID	Description
CL/1753802	TP1 1.60	MADE GROUND
CL/1753803	TP3 1.80	MADE GROUND

Our Ref: EXR/238577 (Ver. 1)
Your Ref: JER6108

April 13, 2017

Environmental Chemistry
ESG
Bretby Business Park
Ashby Road
Burton-on-Trent
Staffordshire
DE15 0YZ

Telephone: 01283 554400
Facsimile: 01283 554422

Daniel James
RPS
2420 The Quadrant
Aztec West
Almondsbury
Bristol
BS32 4AQ

For the attention of Daniel James

Dear Daniel James

Sample Analysis - JER6108 Tremorfa Industrial Estate

Samples from the above site have been analysed in accordance with the schedule supplied.
The sample details and the results of analyses for these samples are given in the appended report.

An invoice for this work will follow under a separate cover.

Please be aware that our policy for the retention of paper based laboratory records and analysis reports is 6 years.

The work was carried out in accordance with Environmental Scientifics Group Ltd (Multi-Sector Services) Standard Terms and Conditions of Contract.

If I can be of any further assistance please do not hesitate to contact me.

Yours sincerely

for ESG

J Chislett
Project Co-ordinator
01283 554458

TEST REPORT

1252

Report No. EXR/238577 (Ver. 1)

RPS
RPS
2420 The Quadrant
Aztec West
Almondsbury
Bristol
BS32 4AQ

Site: JER6108 Tremorfa Industrial Estate

The 3 samples described in this report were registered for analysis by ESG on 03-Apr-2017. This report supersedes any versions previously issued by the laboratory.

The analysis was completed by: 13-Apr-2017

Tests where the accreditation is set to N or No, and any individual data items marked with a * are not UKAS accredited. Opinions and interpretations expressed herein are outside the scope of UKAS accreditation.

The following tables are contained in this report:

Table 1 Main Analysis Results (Pages 2 to 3)
Table of PAH (MS-SIM) (10) Results (Pages 4 to 6)
Table of PCB Congener (12) Results (Page 7)
Table of SVOC Results (Pages 8 to 10)
Table of GRO Results (Page 11)
Table of TPH (Si) banding (UK-CWG) (Page 12)
GC-FID Chromatograms (Pages 13 to 18)
Table of VOC (HSA) Results (Pages 19 to 21)
Analytical and Deviating Sample Overview (Pages 22 to 23)
Table of Additional Report Notes (Page 24)
Table of Method Descriptions (Page 25)
Table of Report Notes (Page 26)
Table of Sample Descriptions (Appendix A Page 1 of 1)

On behalf of
ESG :
Tim Barnes

Operations Director
Energy & Waste Services

Date of Issue: 13-Apr-2017

Tests marked '^' have been subcontracted to another laboratory.
Where samples have been flagged as deviant on the Analytical and Deviating Sample Overview, for any reason, the data may not be representative of the sample at the point of sampling and the validity of the data may be affected.
ESG accepts no responsibility for any sampling not carried out by our personnel.

Units :			pH units	mg/l	µg/l	mg/l	mg/l	mg/l	mg/l	µg/l	mg/l	mg/l	mg/l	mg/l	mg/l	mg/l	mg/l	mg/l
Method Codes :			WSLM3	KONENS	VOCHSAW	ICPWATVAR	ICPMSW	ICPMSW	ICPMSW	PAHMSW	ICPMSW	ICPMSW	ICPMSW	ICPMSW	ICPMSW	ICPMSW	KONENS	SFAPI
Method Reporting Limits :				1	1	3	0.001	0.001	0.0001		0.001	0.001	0.002	0.001	0.0001	0.001	0.01	0.02
UKAS Accredited :			Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
LAB ID Number EX/	**Client Sample Description**	**Sample Date**	**pH units w**	**Chloride as Cl w**	**VOC HSA-GCMS o**	**Total Sulphur as SO4 (Dissolved) a**	**Nickel as Ni (Dissolved)**	**Chromium as Cr (Dissolved)**	**Cadmium as Cd (Dissolved)**	**PAH GC-MS (16) o**	**Copper as Cu (Dissolved)**	**Lead as Pb (Dissolved)**	**Zinc as Zn (Dissolved)**	**Arsenic as As (Dissolved)**	**Mercury as Hg (Dissolved)**	**Selenium as Se (Dissolved)**	**Ammoniacal Nitrogen as N**	**Cyanide (Free) as CN**
1783563	BH1	31-Mar-17	11.6	101	Req	648	<0.001	<0.001	<0.0001	Req	<0.001	<0.001	<0.002	0.001	<0.0001	0.004	0.5	<0.02
1783564	BH2	31-Mar-17	11.8	173	Req	417	<0.001	<0.001	<0.0001	Req	<0.001	<0.001	<0.002	0.002	0.0004	0.008	1.9	<0.02
1783565	BH3	31-Mar-17	12.1	76	Req	547	0.001	0.047	<0.0001	Req	0.004	0.001	<0.002	<0.001	<0.0001	0.006	1.3	<0.02

ESG

Bretby Business Park, Ashby Road

Burton-on-Trent, Staffordshire, DE15 0YZ

Tel +44 (0) 1283 554400

Fax +44 (0) 1283 554422

Client Name	**RPS**
Contact	Daniel James

JER6108 Tremorfa Industrial Estate

Sample Analysis

Date Printed	**13-Apr-2017**
Report Number	**EXR/238577**
Table Number	**1**

Units :			mg/l	mg/l	mg/l	µg/l	mg/l												
Method Codes :			SFAPI	GROHSA	TPHFID-Si	PCBCONEC	SVOCSW												
Method Reporting Limits :			0.02	0.1	0.01	0.01	0.002												
UKAS Accredited :			Yes	Yes	Yes	No	No												
LAB ID Number EX/	**Client Sample Description**	**Sample Date**	**Cyanide (Total) as CN**	**GRO-HSA GCFID (AA-UK) o**	**TPH by GC (CWG UKEA Banding >44)**	**PCB - 12 Congeners o**	**Semi Volatile Organic Compounds**												
1783563	BH1	**31-Mar-17**	<0.02	Req	Req	Req	Req												
1783564	BH2	**31-Mar-17**	<0.02	Req	Req	Req	Req												
1783565	BH3	**31-Mar-17**	<0.02	Req	Req	Req	Req												

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Client Name RPS

Contact Daniel James

JER6108 Tremorfa Industrial Estate

Sample Analysis

Date Printed	**13-Apr-2017**
Report Number	**EXR/238577**
Table Number	**1**

Polycyclic Aromatic Hydrocarbons
GC/MS (SIM)

Customer and Site Details:	RPS: JER6108 Tremorfa Industrial Estate		
Sample Details:	BH1	**Job Number:**	w23_8577
LIMS ID Number:	EX1783563	**Date Booked in:**	03-Apr-17
QC Batch Number:	170234	**Date Extracted:**	05-Apr-17
Quantitation File:	Initial Calibration	**Date Analysed:**	05-Apr-17
Directory:	\040517MS10\	**Matrix:**	Water
Dilution:	1.0	**Ext Method:**	Bottle

UKAS accredited?: Yes

Target Compounds	CAS #	R.T. (min)	Concentration ug/l	% Fit
Naphthalene	91-20-3	3.05	1.360	93
Acenaphthylene	208-96-8	4.08	0.057	84
Acenaphthene	83-32-9	4.20	1.190	91
Fluorene	86-73-7	4.56	0.246	98
Phenanthrene	85-01-8	5.35	0.108	98
Anthracene	120-12-7	5.40	0.025	97
Fluoranthene	206-44-0	6.62	0.101	98
Pyrene	129-00-0	6.90	0.072	98
Benzo[a]anthracene	56-55-3	8.55	0.019	69
Chrysene	218-01-9	8.58	0.017	66
Benzo[b]fluoranthene	205-99-2	-	< 0.010	-
Benzo[k]fluoranthene	207-08-9	-	< 0.010	-
Benzo[a]pyrene	50-32-8	-	< 0.010	-
Indeno[1,2,3-cd]pyrene	193-39-5 *	-	< 0.010	-
Dibenzo[a,h]anthracene	53-70-3 *	-	< 0.010	-
Benzo[g,h,i]perylene	191-24-2 *	-	< 0.010	-
Total (USEPA16) PAHs	-	-	< 3.255	-

"M" denotes that % fit has been manually interpreted

Internal Standards	% Area
1,4-Dichlorobenzene-d4	NA
Naphthalene-d8	104
Acenaphthene-d10	106
Phenanthrene-d10	105
Chrysene-d12	97
Perylene-d12	95

Surrogates	% Rec
Nitrobenzene-d5	NA
2-Fluorobiphenyl	76
Terphenyl-d14	64

The Total PAH result is the sum of non-rounded individual PAH results and therefore may differ to the sum of the rounded individual PAH results printed above. By convention, where any one or more result is a "less than", the total is expressed as a "less than" and includes the "less than" concentration within the total.

Polycyclic Aromatic Hydrocarbons
GC/MS (SIM)

Customer and Site Details:	RPS: JER6108 Tremorfa Industrial Estate		
Sample Details:	BH2	**Job Number:**	W23_8577
LIMS ID Number:	EX1783564	**Date Booked in:**	03-Apr-17
QC Batch Number:	170234	**Date Extracted:**	05-Apr-17
Quantitation File:	Initial Calibration	**Date Analysed:**	05-Apr-17
Directory:	\040517MS10\	**Matrix:**	Water
Dilution:	1.0	**Ext Method:**	Bottle

UKAS accredited?: Yes

Target Compounds	CAS #	R.T. (min)	Concentration ug/l	% Fit
Naphthalene	91-20-3	3.05	0.288	94
Acenaphthylene	208-96-8	4.08	0.126	84
Acenaphthene	83-32-9	4.20	0.738	94
Fluorene	86-73-7	4.56	0.399	100
Phenanthrene	85-01-8	5.35	1.660	99
Anthracene	120-12-7	5.39	0.406	92
Fluoranthene	206-44-0	6.62	1.850	97
Pyrene	129-00-0	6.90	1.150	100
Benzo[a]anthracene	56-55-3	8.54	0.371	90
Chrysene	218-01-9	8.59	0.344	94
Benzo[b]fluoranthene	205-99-2	10.05	0.251	62
Benzo[k]fluoranthene	207-08-9	10.08	0.081	62
Benzo[a]pyrene	50-32-8	10.47	0.163	66
Indeno[1,2,3-cd]pyrene	193-39-5 *	11.83	0.166	75
Dibenzo[a,h]anthracene	53-70-3 *	11.85	0.020	63
Benzo[g,h,i]perylene	191-24-2 *	12.12	0.178	77
Total (USEPA16) PAHs	-	-	8.191	-

"M" denotes that % fit has been manually interpreted

Internal Standards	% Area
1,4-Dichlorobenzene-d4	NA
Naphthalene-d8	100
Acenaphthene-d10	101
Phenanthrene-d10	99
Chrysene-d12	109
Perylene-d12	142

Surrogates	% Rec
Nitrobenzene-d5	NA
2-Fluorobiphenyl	80
Terphenyl-d14	68

The Total PAH result is the sum of non-rounded individual PAH results and therefore may differ to the sum of the rounded individual PAH results printed above. By convention, where any one or more result is a "less than", the total is expressed as a "less than" and includes the "less than" concentration within the total.

Polycyclic Aromatic Hydrocarbons
GC/MS (SIM)

Customer and Site Details:	RPS: JER6108 Tremorfa Industrial Estate		
Sample Details:	BH3	**Job Number:**	w23_8577
LIMS ID Number:	EX1783565	**Date Booked in:**	03-Apr-17
QC Batch Number:	170234	**Date Extracted:**	05-Apr-17
Quantitation File:	Initial Calibration	**Date Analysed:**	05-Apr-17
Directory:	\040517MS10\	**Matrix:**	Water
Dilution:	1.0	**Ext Method:**	Bottle

UKAS accredited?: Yes

Target Compounds	CAS #	R.T. (min)	Concentration ug/l	% Fit
Naphthalene	91-20-3	3.05	0.082	90
Acenaphthylene	208-96-8	4.08	0.025	61
Acenaphthene	83-32-9	4.20	0.210	86
Fluorene	86-73-7	-	< 0.010	-
Phenanthrene	85-01-8	5.35	0.114	75
Anthracene	120-12-7	5.39	0.030	M
Fluoranthene	206-44-0	6.62	0.118	96
Pyrene	129-00-0	6.90	0.109	M
Benzo[a]anthracene	56-55-3	8.55	0.028	79
Chrysene	218-01-9	8.58	0.030	80
Benzo[b]fluoranthene	205-99-2	-	< 0.010	-
Benzo[k]fluoranthene	207-08-9	-	< 0.010	-
Benzo[a]pyrene	50-32-8	-	< 0.010	-
Indeno[1,2,3-cd]pyrene	193-39-5 *	11.85	0.067	M
Dibenzo[a,h]anthracene	53-70-3 *	11.85	0.083	M
Benzo[g,h,i]perylene	191-24-2 *	12.12	0.251	77
Total (USEPA16) PAHs	-	-	< 1.187	-

"M" denotes that % fit has been manually interpreted

Internal Standards	% Area
1,4-Dichlorobenzene-d4	NA
Naphthalene-d8	93
Acenaphthene-d10	96
Phenanthrene-d10	94
Chrysene-d12	108
Perylene-d12	144

Surrogates	% Rec
Nitrobenzene-d5	NA
2-Fluorobiphenyl	82
Terphenyl-d14	71

The Total PAH result is the sum of non-rounded individual PAH results and therefore may differ to the sum of the rounded individual PAH results printed above. By convention, where any one or more result is a "less than", the total is expressed as a "less than" and includes the "less than" concentration within the total.

Polychlorinated Biphenyls (congeners)

Customer and Site Details: RPS: JER6108 Tremorfa Industrial Estate
Job Number: W23_8577
QC Batch Number: 170033
Directory: 0407PCB.GC70
Method: Seperating Funnel

Matrix: Water
Date Booked in: 03-Apr-17
Date Extracted: 06-Apr-17
Date Analysed: 10-Apr-17

*** This sample data is not UKAS accredited.**

		Concentration, (µg/kg)											
Sample ID	**Customer ID**	**PCB 81**	**PCB 77**	**PCB 123**	**PCB 118**	**PCB 114**	**PCB 105**	**PCB 126**	**PCB 167**	**PCB 156**	**PCB 157**	**PCB 169**	**PCB 189**
* EX1783563	BH1	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
* EX1783564	BH2	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
* EX1783565	BH3	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05

Where individual results are flagged see report notes for status.

Semi-Volatile Organic Compounds

UKAS accredited?: No

Customer and Site Details:	RPS: JER6108 Tremorfa Industrial Estate			**Matrix:**	Water	**QC Batch Number:**	54
Sample Details:	BH1	**Date Booked in:**	03-Apr-17	**Ext Method:**	Sep. Funnel	**Multiplier:**	0.005
LIMS ID Number:	EX1783563	**Date Extracted:**	06-Apr-17	**Operator:**	SO/RP	**Dilution Factor:**	1
Job Number:	W23_8577	**Date Analysed:**	06-Apr-17	**Directory/Quant File:**	040617_MS16\	**GPC (Y/N)**	N

Target Compounds	CAS #	R.T. (min)	Concentration mg/l	% Fit
Phenol	108-95-2	-	< 0.020	-
bis(2-Chloroethyl)ether	111-44-4	-	< 0.005	-
2-Chlorophenol	95-57-8	-	< 0.020	-
1,3-Dichlorobenzene	541-73-1	-	< 0.005	-
1,4-Dichlorobenzene	106-46-7	-	< 0.005	-
Benzyl alcohol	100-51-6	-	< 0.005	-
1,2-Dichlorobenzene	95-50-1	-	< 0.005	-
2-Methylphenol	95-48-7	-	< 0.005	-
bis(2-Chloroisopropyl)ether	108-60-1	-	< 0.005	-
Hexachloroethane	67-72-1	-	< 0.005	-
N-Nitroso-di-n-propylamine	621-64-7	-	< 0.005	-
3- & 4-Methylphenol	108-39-4/106-44-5	-	< 0.020	-
Nitrobenzene	98-95-3	-	< 0.005	-
Isophorone	78-59-1	-	< 0.005	-
2-Nitrophenol	88-75-5	-	< 0.020	-
2,4-Dimethylphenol	105-67-9	-	< 0.020	-
Benzoic Acid	65-85-0	-	< 0.100	-
bis(2-Chloroethoxy)methane	111-91-1	-	< 0.005	-
2,4-Dichlorophenol	120-83-2	-	< 0.020	-
1,2,4-Trichlorobenzene	120-82-1	-	< 0.005	-
Naphthalene	91-20-3	-	< 0.002	-
4-Chlorophenol	106-48-9	-	< 0.020	-
4-Chloroaniline	106-47-8	-	< 0.005	-
Hexachlorobutadiene	87-68-3	-	< 0.005	-
4-Chloro-3-methylphenol	59-50-7	-	< 0.005	-
2-Methylnaphthalene	91-57-6	-	< 0.002	-
1-Methylnaphthalene	90-12-0	-	< 0.002	-
Hexachlorocyclopentadiene	77-47-4	-	< 0.005	-
2,4,6-Trichlorophenol	88-06-2	-	< 0.020	-
2,4,5-Trichlorophenol	95-95-4	-	< 0.020	-
2-Chloronaphthalene	91-58-7	-	< 0.002	-
Biphenyl	92-52-4	-	< 0.002	-
Diphenyl ether	101-84-8	-	< 0.002	-
2-Nitroaniline	88-74-4	-	< 0.005	-
Acenaphthylene	208-96-8	-	< 0.002	-
Dimethylphthalate	131-11-3	-	< 0.005	-
2,6-Dinitrotoluene	606-20-2	-	< 0.005	-
Acenaphthene	83-32-9	-	< 0.002	-
3-Nitroaniline	99-09-2	-	< 0.005	-

Target Compounds	CAS #	R.T.	Concentration mg/l	% Fit
2,4-Dinitrophenol	51-28-5	-	< 0.010	-
Dibenzofuran	132-64-9	-	< 0.005	-
4-Nitrophenol	100-02-7	-	< 0.050	-
2,4-Dinitrotoluene	121-14-2	-	< 0.005	-
Fluorene	86-73-7	-	< 0.002	-
Diethylphthalate	84-66-2	-	< 0.005	-
4-Chlorophenyl-phenylether	7005-72-3	-	< 0.005	-
4,6-Dinitro-2-methylphenol	534-52-1	-	< 0.050	-
4-Nitroaniline	100-01-6	-	< 0.005	-
N-Nitrosodiphenylamine	86-30-6	-	< 0.005	-
4-Bromophenyl-phenylether	101-55-3	-	< 0.005	-
Hexachlorobenzene	118-74-1	-	< 0.005	-
Pentachlorophenol	87-86-5	-	< 0.050	-
Phenanthrene	85-01-8	-	< 0.002	-
Anthracene	120-12-7	-	< 0.002	-
Di-n-butylphthalate	84-74-2	-	< 0.005	-
Fluoranthene	206-44-0	-	< 0.002	-
Pyrene	129-00-0	-	< 0.002	-
Butylbenzylphthalate	85-68-7	-	< 0.005	-
Benzo[a]anthracene	56-55-3	-	< 0.002	-
Chrysene	218-01-9	-	< 0.002	-
3,3'-Dichlorobenzidine	91-94-1	-	N.D	-
bis(2-Ethylhexyl)phthalate	117-81-7	-	< 0.005	-
Di-n-octylphthalate	117-84-0	-	< 0.002	-
Benzo[b]fluoranthene	205-99-2	-	< 0.002	-
Benzo[k]fluoranthene	207-08-9	-	< 0.002	-
Benzo[a]pyrene	50-32-8	-	< 0.002	-
Indeno[1,2,3-cd]pyrene	193-39-5	-	< 0.002	-
Dibenzo[a,h]anthracene	53-70-3	-	< 0.002	-
Benzo[g,h,i]perylene	191-24-2	-	< 0.002	-
Coronene	191-07-1	-	< 0.050	-

Internal Standards	% Area
1,4-Dichlorobenzene-d4	96
Naphthalene-d8	97
Acenaphthene-d10	97
Phenanthrene-d10	96
Chrysene-d12	94
Perylene-d12	87

Surrogates	% Rec
2-Fluorophenol	42
Phenol-d5	28
Nitrobenzene-d5	72
2-Fluorobiphenyl	79
2,4,6-Tribromophenol	82
Terphenyl-d14	112

Concentrations are reported on a wet weight basis.
"M" denotes that % fit has been manually interpreted

Where individual results are flagged see report notes for status.

Semi-Volatile Organic Compounds

UKAS accredited?: No

Customer and Site Details:	RPS: JER6108 Tremorfa Industrial Estate			**Matrix:**	Water	**QC Batch Number:**	54
Sample Details:	BH2	**Date Booked in:**	03-Apr-17	**Ext Method:**	Sep. Funnel	**Multiplier:**	0.005
LIMS ID Number:	EX1783564	**Date Extracted:**	06-Apr-17	**Operator:**	SO/RP	**Dilution Factor:**	1
Job Number:	W23_8577	**Date Analysed:**	06-Apr-17	**Directory/Quant File:**	040617_MS16\	**GPC (Y/N)**	N

Target Compounds	CAS #	R.T. (min)	Concentration mg/l	% Fit
Phenol	108-95-2	-	< 0.020	-
bis(2-Chloroethyl)ether	111-44-4	-	< 0.005	-
2-Chlorophenol	95-57-8	-	< 0.020	-
1,3-Dichlorobenzene	541-73-1	-	< 0.005	-
1,4-Dichlorobenzene	106-46-7	-	< 0.005	-
Benzyl alcohol	100-51-6	-	< 0.005	-
1,2-Dichlorobenzene	95-50-1	-	< 0.005	-
2-Methylphenol	95-48-7	-	< 0.005	-
bis(2-Chloroisopropyl)ether	108-60-1	-	< 0.005	-
Hexachloroethane	67-72-1	-	< 0.005	-
N-Nitroso-di-n-propylamine	621-64-7	-	< 0.005	-
3- & 4-Methylphenol	108-39-4/106-44-5	-	< 0.020	-
Nitrobenzene	98-95-3	-	< 0.005	-
Isophorone	78-59-1	-	< 0.005	-
2-Nitrophenol	88-75-5	-	< 0.020	-
2,4-Dimethylphenol	105-67-9	-	< 0.020	-
Benzoic Acid	65-85-0	-	< 0.100	-
bis(2-Chloroethoxy)methane	111-91-1	-	< 0.005	-
2,4-Dichlorophenol	120-83-2	-	< 0.020	-
1,2,4-Trichlorobenzene	120-82-1	-	< 0.005	-
Naphthalene	91-20-3	-	< 0.002	-
4-Chlorophenol	106-48-9	-	< 0.020	-
4-Chloroaniline	106-47-8	-	< 0.005	-
Hexachlorobutadiene	87-68-3	-	< 0.005	-
4-Chloro-3-methylphenol	59-50-7	-	< 0.005	-
2-Methylnaphthalene	91-57-6	-	< 0.002	-
1-Methylnaphthalene	90-12-0	-	< 0.002	-
Hexachlorocyclopentadiene	77-47-4	-	< 0.005	-
2,4,6-Trichlorophenol	88-06-2	-	< 0.020	-
2,4,5-Trichlorophenol	95-95-4	-	< 0.020	-
2-Chloronaphthalene	91-58-7	-	< 0.002	-
Biphenyl	92-52-4	-	< 0.002	-
Diphenyl ether	101-84-8	-	< 0.002	-
2-Nitroaniline	88-74-4	-	< 0.005	-
Acenaphthylene	208-96-8	-	< 0.002	-
Dimethylphthalate	131-11-3	-	< 0.005	-
2,6-Dinitrotoluene	606-20-2	-	< 0.005	-
Acenaphthene	83-32-9	-	< 0.002	-
3-Nitroaniline	99-09-2	-	< 0.005	-

Target Compounds	CAS #	R.T.	Concentration mg/l	% Fit
2,4-Dinitrophenol	51-28-5	-	< 0.010	-
Dibenzofuran	132-64-9	-	< 0.005	-
4-Nitrophenol	100-02-7	-	< 0.050	-
2,4-Dinitrotoluene	121-14-2	-	< 0.005	-
Fluorene	86-73-7	-	< 0.002	-
Diethylphthalate	84-66-2	-	< 0.005	-
4-Chlorophenyl-phenylether	7005-72-3	-	< 0.005	-
4,6-Dinitro-2-methylphenol	534-52-1	-	< 0.050	-
4-Nitroaniline	100-01-6	-	< 0.005	-
N-Nitrosodiphenylamine	86-30-6	-	< 0.005	-
4-Bromophenyl-phenylether	101-55-3	-	< 0.005	-
Hexachlorobenzene	118-74-1	-	< 0.005	-
Pentachlorophenol	87-86-5	-	< 0.050	-
Phenanthrene	85-01-8	-	< 0.002	-
Anthracene	120-12-7	-	< 0.002	-
Di-n-butylphthalate	84-74-2	-	< 0.005	-
Fluoranthene	206-44-0	-	< 0.002	-
Pyrene	129-00-0	-	< 0.002	-
Butylbenzylphthalate	85-68-7	-	< 0.005	-
Benzo[a]anthracene	56-55-3	-	< 0.002	-
Chrysene	218-01-9	-	< 0.002	-
3,3'-Dichlorobenzidine	91-94-1	-	N.D	-
bis(2-Ethylhexyl)phthalate	117-81-7	-	< 0.005	-
Di-n-octylphthalate	117-84-0	-	< 0.002	-
Benzo[b]fluoranthene	205-99-2	-	< 0.002	-
Benzo[k]fluoranthene	207-08-9	-	< 0.002	-
Benzo[a]pyrene	50-32-8	-	< 0.002	-
Indeno[1,2,3-cd]pyrene	193-39-5	-	< 0.002	-
Dibenzo[a,h]anthracene	53-70-3	-	< 0.002	-
Benzo[g,h,i]perylene	191-24-2	-	< 0.002	-
Coronene	191-07-1	-	< 0.050	-

Internal Standards	% Area
1,4-Dichlorobenzene-d4	89
Naphthalene-d8	88
Acenaphthene-d10	87
Phenanthrene-d10	87
Chrysene-d12	87
Perylene-d12	87

Surrogates	% Rec
2-Fluorophenol	43
Phenol-d5	27
Nitrobenzene-d5	71
2-Fluorobiphenyl	80
2,4,6-Tribromophenol	84
Terphenyl-d14	108

Concentrations are reported on a wet weight basis.
"M" denotes that % fit has been manually interpreted

Where individual results are flagged see report notes for status.

Semi-Volatile Organic Compounds

UKAS accredited?: No

Customer and Site Details:	RPS: JER6108 Tremorfa Industrial Estate			**Matrix:**	Water	**QC Batch Number:**	54
Sample Details:	BH3	**Date Booked in:**	03-Apr-17	**Ext Method:**	Sep. Funnel	**Multiplier:**	0.005
LIMS ID Number:	EX1783565	**Date Extracted:**	06-Apr-17	**Operator:**	SO/RP	**Dilution Factor:**	1
Job Number:	W23_8577	**Date Analysed:**	07-Apr-17	**Directory/Quant File:**	040617_MS16\	**GPC (Y/N)**	N

Target Compounds	CAS #	R.T. (min)	Concentration mg/l	% Fit
Phenol	108-95-2	-	< 0.020	-
bis(2-Chloroethyl)ether	111-44-4	-	< 0.005	-
2-Chlorophenol	95-57-8	-	< 0.020	-
1,3-Dichlorobenzene	541-73-1	-	< 0.005	-
1,4-Dichlorobenzene	106-46-7	-	< 0.005	-
Benzyl alcohol	100-51-6	-	< 0.005	-
1,2-Dichlorobenzene	95-50-1	-	< 0.005	-
2-Methylphenol	95-48-7	-	< 0.005	-
bis(2-Chloroisopropyl)ether	108-60-1	-	< 0.005	-
Hexachloroethane	67-72-1	-	< 0.005	-
N-Nitroso-di-n-propylamine	621-64-7	-	< 0.005	-
3- & 4-Methylphenol	108-39-4/106-44-5	-	< 0.020	-
Nitrobenzene	98-95-3	-	< 0.005	-
Isophorone	78-59-1	-	< 0.005	-
2-Nitrophenol	88-75-5	-	< 0.020	-
2,4-Dimethylphenol	105-67-9	-	< 0.020	-
Benzoic Acid	65-85-0	-	< 0.100	-
bis(2-Chloroethoxy)methane	111-91-1	-	< 0.005	-
2,4-Dichlorophenol	120-83-2	-	< 0.020	-
1,2,4-Trichlorobenzene	120-82-1	-	< 0.005	-
Naphthalene	91-20-3	-	< 0.002	-
4-Chlorophenol	106-48-9	-	< 0.020	-
4-Chloroaniline	106-47-8	-	< 0.005	-
Hexachlorobutadiene	87-68-3	-	< 0.005	-
4-Chloro-3-methylphenol	59-50-7	-	< 0.005	-
2-Methylnaphthalene	91-57-6	-	< 0.002	-
1-Methylnaphthalene	90-12-0	-	< 0.002	-
Hexachlorocyclopentadiene	77-47-4	-	< 0.005	-
2,4,6-Trichlorophenol	88-06-2	-	< 0.020	-
2,4,5-Trichlorophenol	95-95-4	-	< 0.020	-
2-Chloronaphthalene	91-58-7	-	< 0.002	-
Biphenyl	92-52-4	-	< 0.002	-
Diphenyl ether	101-84-8	-	< 0.002	-
2-Nitroaniline	88-74-4	-	< 0.005	-
Acenaphthylene	208-96-8	-	< 0.002	-
Dimethylphthalate	131-11-3	-	< 0.005	-
2,6-Dinitrotoluene	606-20-2	-	< 0.005	-
Acenaphthene	83-32-9	-	< 0.002	-
3-Nitroaniline	99-09-2	-	< 0.005	-

Target Compounds	CAS #	R.T.	Concentration mg/l	% Fit
2,4-Dinitrophenol	51-28-5	-	< 0.010	-
Dibenzofuran	132-64-9	-	< 0.005	-
4-Nitrophenol	100-02-7	-	< 0.050	-
2,4-Dinitrotoluene	121-14-2	-	< 0.005	-
Fluorene	86-73-7	-	< 0.002	-
Diethylphthalate	84-66-2	-	< 0.005	-
4-Chlorophenyl-phenylether	7005-72-3	-	< 0.005	-
4,6-Dinitro-2-methylphenol	534-52-1	-	< 0.050	-
4-Nitroaniline	100-01-6	-	< 0.005	-
N-Nitrosodiphenylamine	86-30-6	-	< 0.005	-
4-Bromophenyl-phenylether	101-55-3	-	< 0.005	-
Hexachlorobenzene	118-74-1	-	< 0.005	-
Pentachlorophenol	87-86-5	-	< 0.050	-
Phenanthrene	85-01-8	-	< 0.002	-
Anthracene	120-12-7	-	< 0.002	-
Di-n-butylphthalate	84-74-2	-	< 0.005	-
Fluoranthene	206-44-0	-	< 0.002	-
Pyrene	129-00-0	-	< 0.002	-
Butylbenzylphthalate	85-68-7	-	< 0.005	-
Benzo[a]anthracene	56-55-3	-	< 0.002	-
Chrysene	218-01-9	-	< 0.002	-
3,3'-Dichlorobenzidine	91-94-1	-	N.D	-
bis(2-Ethylhexyl)phthalate	117-81-7	-	< 0.005	-
Di-n-octylphthalate	117-84-0	-	< 0.002	-
Benzo[b]fluoranthene	205-99-2	-	< 0.002	-
Benzo[k]fluoranthene	207-08-9	-	< 0.002	-
Benzo[a]pyrene	50-32-8	-	< 0.002	-
Indeno[1,2,3-cd]pyrene	193-39-5	-	< 0.002	-
Dibenzo[a,h]anthracene	53-70-3	-	< 0.002	-
Benzo[g,h,i]perylene	191-24-2	-	< 0.002	-
Coronene	191-07-1	-	< 0.050	-

Internal Standards	% Area
1,4-Dichlorobenzene-d4	95
Naphthalene-d8	95
Acenaphthene-d10	94
Phenanthrene-d10	94
Chrysene-d12	94
Perylene-d12	90

Surrogates	% Rec
2-Fluorophenol	40
Phenol-d5	26
Nitrobenzene-d5	71
2-Fluorobiphenyl	80
2,4,6-Tribromophenol	84
Terphenyl-d14	107

Concentrations are reported on a wet weight basis.
"M" denotes that % fit has been manually interpreted

Where individual results are flagged see report notes for status.

Gasoline Range Organics
(BTEX and Aromatic/Aliphatic Carbon Ranges)

Customer and Site Details: RPS : JER6108 Tremorfa Industrial Estate
Job Number: W23_8577
Directory: E:\TES\DATA\2017\0405HSA_GC9\040517 2017-04-05 12-08-42\057F5701.D
Method: HEADSPACE GCFID

Matrix: Water
Date Booked in: 03-Apr-17
Date extracted: 05-Apr-17
Date Analysed: 06-Apr-17, 04:27:
Units: mg/l

*** Sample data with an asterisk are not UKAS accredited.**

		BTEX				Aromatics		Aliphatics		Total GRO
Sample ID	**Client ID**	**Benzene**	**Toluene**	**Ethyl benzene**	**Xylenes**	**C5 - C7**	**>C7 - C8**	**C5 - C6**	**>C6 - C8**	**C5 - C10**
EX1783563	BH1	<0.005	<0.005	<0.005	<0.010	<0.005	<0.005	<0.1	<0.1	<0.1
EX1783564	BH2	<0.005	<0.005	<0.005	<0.010	<0.005	<0.005	<0.1	<0.1	<0.1
EX1783565	BH3	<0.005	<0.005	<0.005	<0.010	<0.005	<0.005	<0.1	<0.1	<0.1

Where individual results are flagged see report notes for status.

ALIPHATIC / AROMATIC FRACTION BY GC/FID

Customer and Site Details: RPS : JER6108 Tremorfa Industrial Estate
Job Number: W23_8577
QC Batch Number: 170234
Directory: D:\TES\DATA\Y2017\040617TPH_GC4\040617 2017-04-06 13-38-26\082B3701.D
Method: Bottle

Separation: Silica gel
Eluents: Hexane, DCM

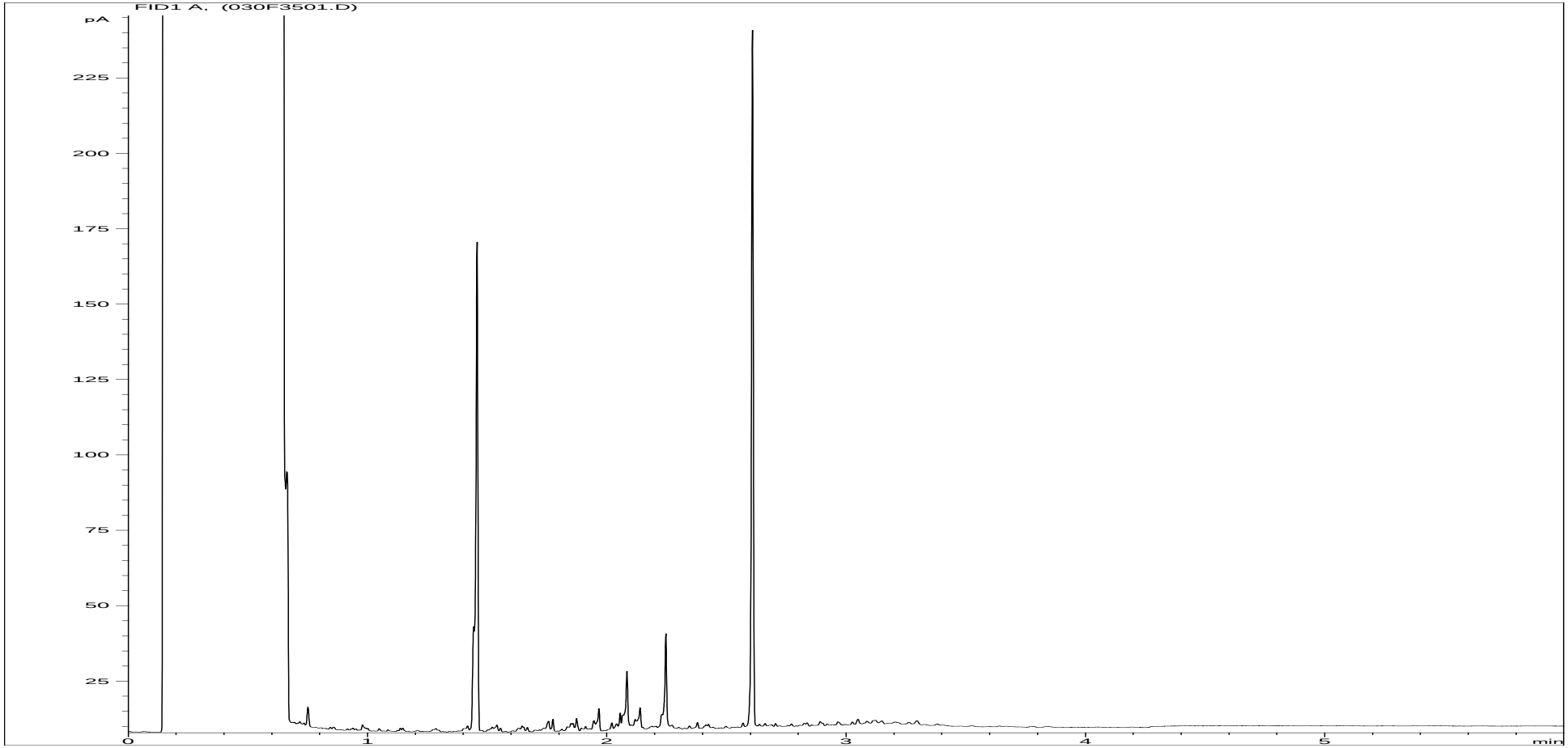
Matrix: Water
Date Booked in: 03-Apr-17
Date Extracted: 05-Apr-17
Date Analysed: 06-Apr-17, 21:46:47

Bands marked with a ' * ' are not UKAS Accredited

		Concentration, (mg/l)												
		>C8 - C10	>C8 - C10	>C10 - C12	>C10 - C12	>C12 - C16	>C12 - C16	>C16 - C35	>C16 - C21	>C35 - C44*	>C21 - C35	>C35 - C44*	>C8 - C44*	>C8 - C44*
Sample ID	**Client ID**	**Aliphatics**	**Aromatics**	**Aliphatics**	**Aromatics**	**Aliphatics**	**Aromatics**	**Aliphatics**	**Aromatics**	**Aliphatics**	**Aromatics**	**Aromatics**	**Aliphatics**	**Aromatics**
EX1783563	BH1	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	0.015	<0.01	<0.01	<0.01	<0.01	0.018	0.022
EX1783564	BH2	<0.01	<0.01	<0.01	<0.01	0.026	0.026	3.48	0.124	0.305	1.98	0.311	3.81	2.44
EX1783565	BH3	<0.01	<0.01	<0.01	<0.01	0.043	0.013	6.52	0.147	0.437	2.47	0.318	7	2.95

Where individual results are flagged see report notes for status.

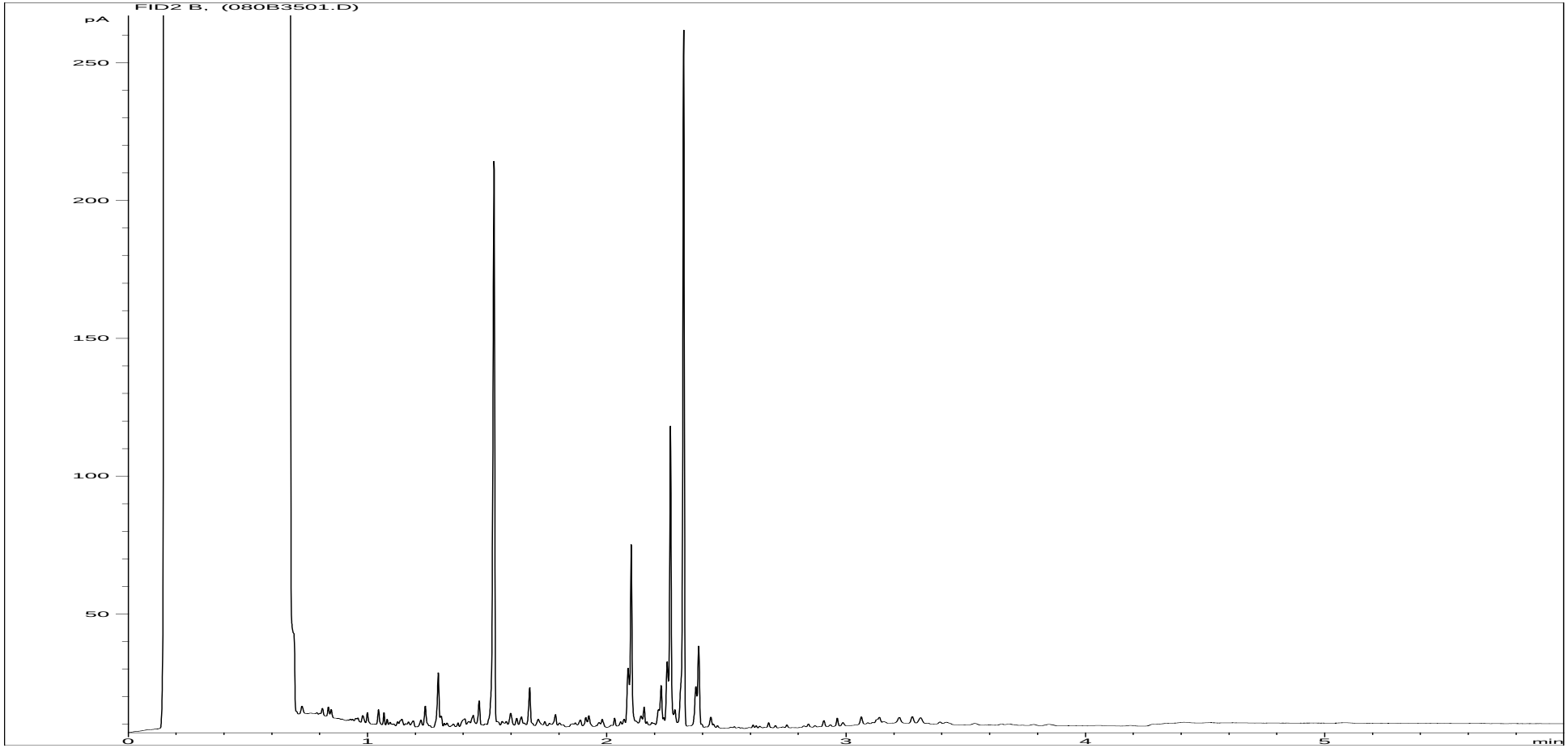
Petroleum Hydrocarbons (C8 to C40) by GC/FID Aliphatics Fraction.



Sample ID:	EX1783563ALI	**Job Number:**	W23_8577
Multiplier:	0.0194	**Client:**	RPS
Dilution:	1	**Site:**	JER6108 Tremorfa Industrial Estate
Acquisition Method:	5UL_RUNF.M	**Client Sample Ref:**	BH1
Acquisition Date/Time:	06-Apr-17, 21:20:15		
Datafile:	D:\TES\DATA\Y2017\040617TPH_GC4\040617 2017-04-06 13-38-26\030F3501.D		

Where individual results are flagged see report notes for status.

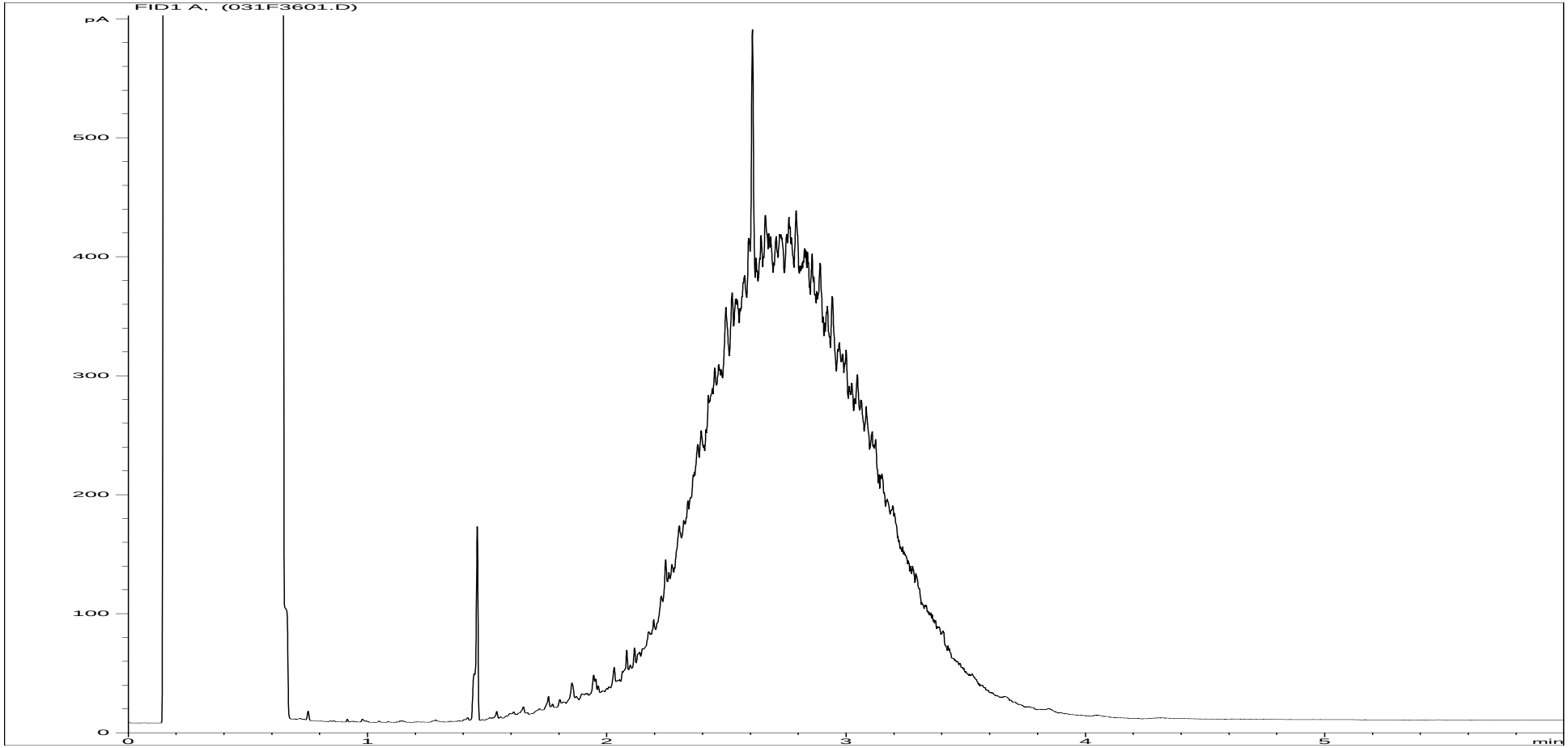
Petroleum Hydrocarbons (C8 to C40) by GC/FID Aromatics Fraction.



Sample ID:	EX1783563ARO	**Job Number:**	W23_8577
Multiplier:	0.02	**Client:**	RPS
Dilution:	1	**Site:**	JER6108 Tremorfa Industrial Estate
Acquisition Method:	5UL_RUNF.M	**Client Sample Ref:**	BH1
Acquisition Date/Time:	06-Apr-17, 21:20:15		
Datafile:	D:\TES\DATA\Y2017\040617TPH_GC4\040617 2017-04-06 13-38-26\080B3501.D		

Where individual results are flagged see report notes for status.

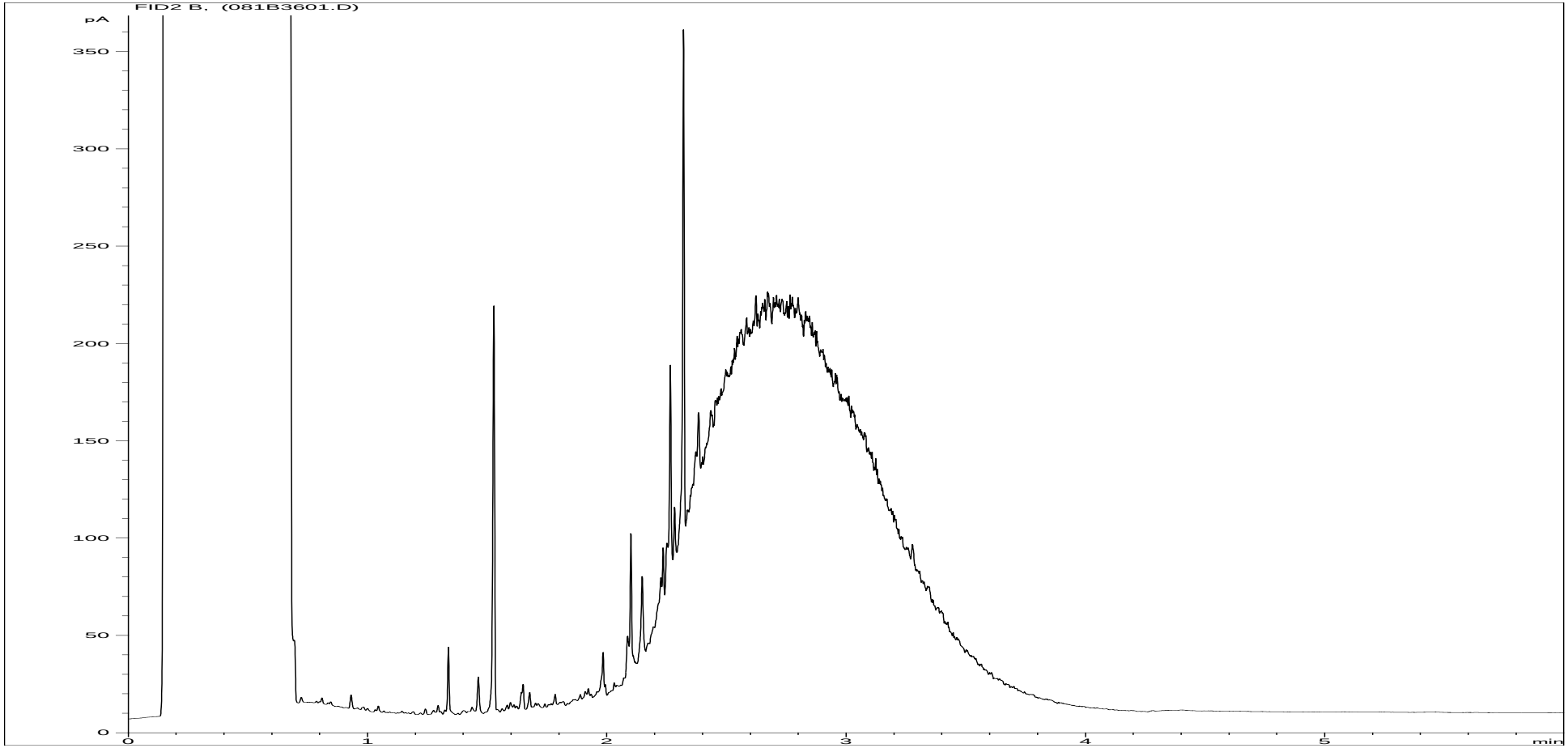
Petroleum Hydrocarbons (C8 to C40) by GC/FID Aliphatics Fraction.



Sample ID:	EX1783564ALI	**Job Number:**	W23_8577
Multiplier:	0.0196	**Client:**	RPS
Dilution:	1	**Site:**	JER6108 Tremorfa Industrial Estate
Acquisition Method:	5UL_RUNF.M	**Client Sample Ref:**	BH2
Acquisition Date/Time:	06-Apr-17, 21:33:32		
Datafile:	D:\TES\DATA\Y2017\040617TPH_GC4\040617 2017-04-06 13-38-26\031F3601.D		

Where individual results are flagged see report notes for status.

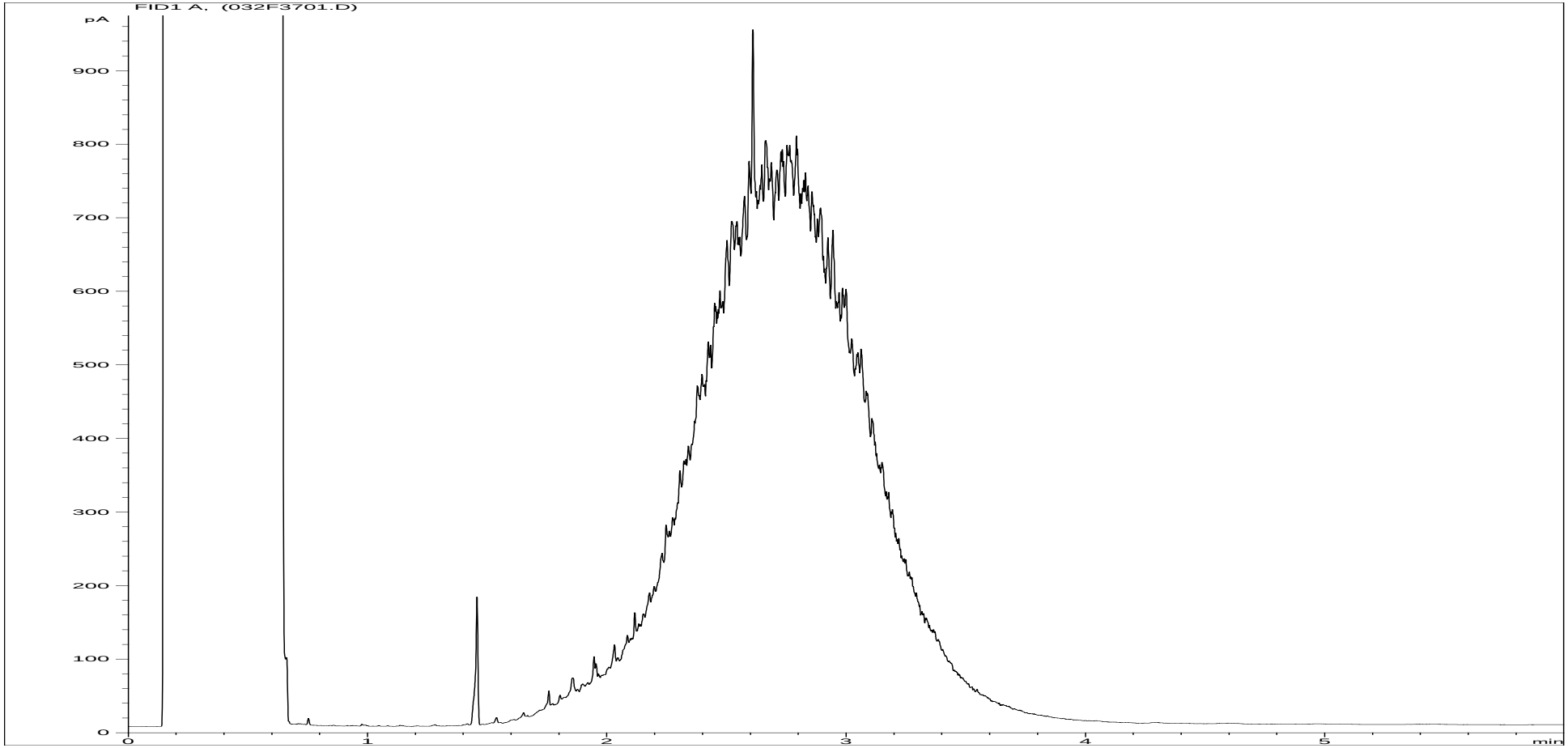
Petroleum Hydrocarbons (C8 to C40) by GC/FID Aromatics Fraction.



Sample ID:	EX1783564ARO	**Job Number:**	W23_8577
Multiplier:	0.0198	**Client:**	RPS
Dilution:	1	**Site:**	JER6108 Tremorfa Industrial Estate
Acquisition Method:	5UL_RUNF.M	**Client Sample Ref:**	BH2
Acquisition Date/Time:	06-Apr-17, 21:33:32		
Datafile:	D:\TES\DATA\Y2017\040617TPH_GC4\040617 2017-04-06 13-38-26\081B3601.D		

Where individual results are flagged see report notes for status.

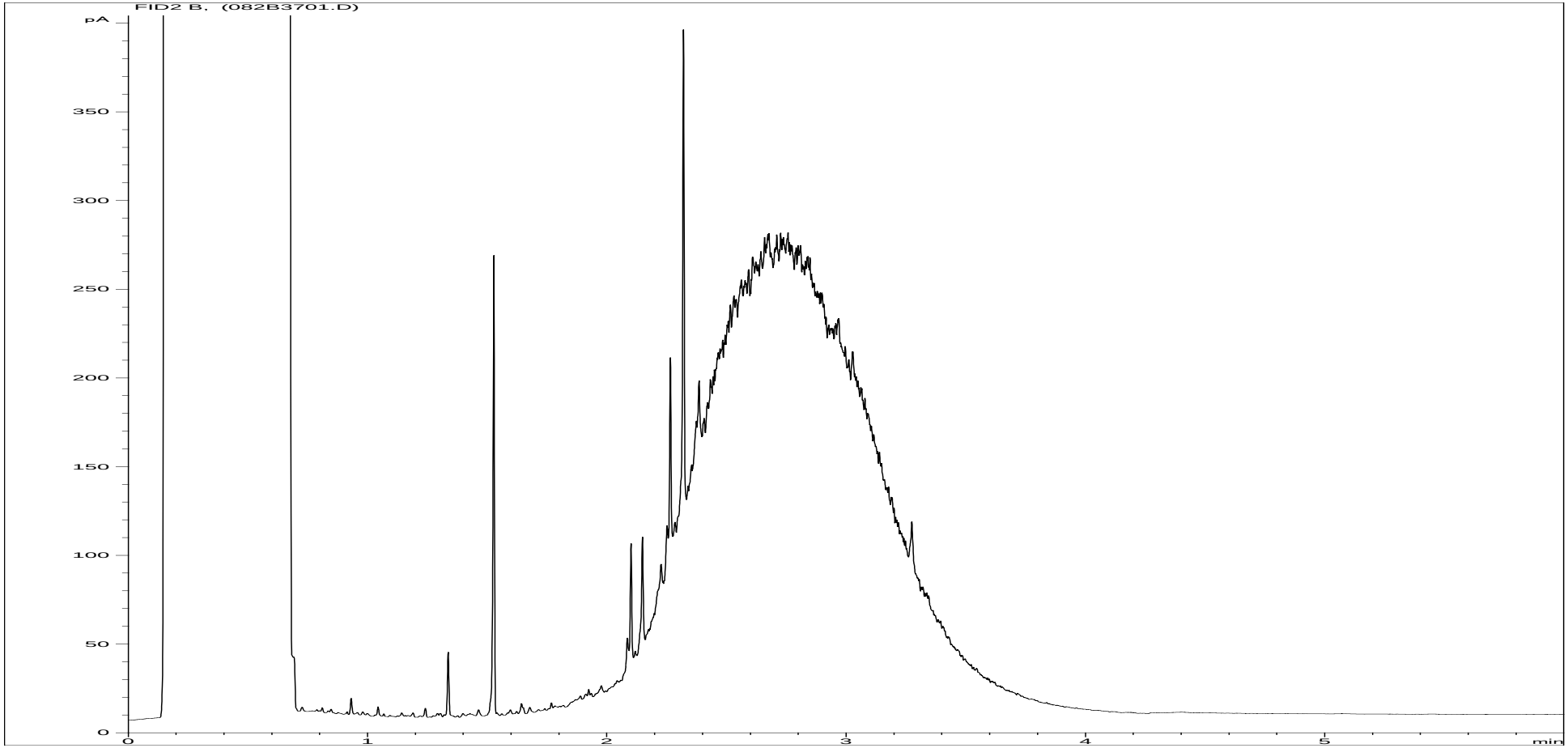
Petroleum Hydrocarbons (C8 to C40) by GC/FID Aliphatics Fraction.



Sample ID:	EX1783565ALI	**Job Number:**	W23_8577
Multiplier:	0.0194	**Client:**	RPS
Dilution:	1	**Site:**	JER6108 Tremorfa Industrial Estate
Acquisition Method:	5UL_RUNF.M	**Client Sample Ref:**	BH3
Acquisition Date/Time:	06-Apr-17, 21:46:47		
Datafile:	D:\TES\DATA\Y2017\040617TPH_GC4\040617 2017-04-06 13-38-26\032F3701.D		

Where individual results are flagged see report notes for status.

Petroleum Hydrocarbons (C8 to C40) by GC/FID Aromatics Fraction.



Sample ID:	EX1783565ARO	**Job Number:**	W23_8577
Multiplier:	0.02	**Client:**	RPS
Dilution:	1	**Site:**	JER6108 Tremorfa Industrial Estate
Acquisition Method:	5UL_RUNF.M	**Client Sample Ref:**	BH3
Acquisition Date/Time:	06-Apr-17, 21:46:47		
Datafile:	D:\TES\DATA\Y2017\040617TPH_GC4\040617 2017-04-06 13-38-26\082B3701.D		

Where individual results are flagged see report notes for status.

Volatile Organic Compounds by HSA-GCMS

UKAS accredited?: No

Customer and Site Details:	RPS: JER6108 Tremorfa Industrial Estate	**Directory/Quant file:**	2017\040617\ Initial Calibration	**Matrix:**	Water
Sample Details:	BH1	**Date Booked in:**	03-Apr-17	**Method:**	Headspace
LIMS ID Number:	EX1783563	**Date Analysed:**	06-Apr-17	**Multiplier:**	1
Job Number:	W23_8577	**Operator:**	PR	**Position:**	12

Target Compounds	CAS #	R.T. (min.)	Concentration µg/l	% Fit
Dichlorodifluoromethane	75-71-8 *	-	< 1	-
Chloromethane	74-87-3	-	< 1	-
Vinyl Chloride	75-01-4	-	< 1	-
Bromomethane	74-83-9 *	-	< 5	-
Chloroethane	75-00-3 *	-	< 5	-
Trichlorofluoromethane	75-69-4 *	-	< 1	-
1,1-Dichloroethene	75-35-4	-	< 1	-
trans 1,2-Dichloroethene	156-60-5	-	< 1	-
1,1-Dichloroethane	75-34-3	-	< 1	-
2,2-Dichloropropane	594-20-7 *	-	< 1	-
cis 1,2-Dichloroethene	156-59-2	-	< 1	-
Bromochloromethane	74-97-5	-	< 1	-
Chloroform	67-66-3	-	< 1	-
1,1,1-Trichloroethane	71-55-6	-	< 1	-
Carbon Tetrachloride	56-23-5	-	< 1	-
1,1-Dichloropropene	563-58-6	-	< 1	-
Benzene	71-43-2	-	< 1	-
1,2-Dichloroethane	107-06-2	-	< 1	-
Trichloroethene	79-01-6	-	< 5	-
1,2-Dichloropropane	78-87-5	-	< 1	-
Dibromomethane	74-95-3	-	< 1	-
Bromodichloromethane	75-27-4	-	< 1	-
cis 1,3-Dichloropropene	10061-01-5 *	-	< 1	-
Toluene	108-88-3	-	< 1	-
trans 1,3-Dichloropropene	10061-02-6 *	-	< 1	-
1,1,2-Trichloroethane	79-00-5	-	< 1	-
Tetrachloroethene	127-18-4	-	< 5	-
1,3-Dichloropropane	142-28-9	-	< 1	-
Dibromochloromethane	124-48-1	-	< 1	-
1,2-Dibromoethane	106-93-4	-	< 1	-
Chlorobenzene	108-90-7	-	< 1	-
Ethylbenzene	100-41-4	-	< 1	-
1,1,1,2-Tetrachloroethane	630-20-6	-	< 1	-
m and p-Xylene	108-38-3/106-42-3	-	< 1	-
o-Xylene	95-47-6	-	< 1	-

Target Compounds	CAS #	R.T. (min.)	Concentration µg/l	% Fit
Styrene	100-42-5	-	< 1	-
Bromoform	75-25-2	-	< 1	-
iso-Propylbenzene	98-82-8	-	< 1	-
1,1,2,2-Tetrachloroethane	79-34-5 *	-	< 1	-
Propylbenzene	103-65-1	-	< 1	-
Bromobenzene	108-86-1	-	< 1	-
1,2,3-Trichloropropane	96-18-4	-	< 1	-
2-Chlorotoluene	95-49-8	-	< 1	-
1,3,5-Trimethylbenzene	108-67-8	-	< 1	-
4-Chlorotoluene	106-43-4	-	< 1	-
tert-Butylbenzene	98-06-6	-	< 1	-
1,2,4-Trimethylbenzene	95-63-6	-	< 1	-
sec-Butylbenzene	135-98-8	-	< 1	-
p-Isopropyltoluene	99-87-6	-	< 1	-
1,3-Dichlorobenzene	541-73-1	-	< 1	-
1,4-Dichlorobenzene	106-46-7	-	< 1	-
n-Butylbenzene	104-51-8	-	< 1	-
1,2-Dichlorobenzene	95-50-1	-	< 5	-
1,2-Dibromo-3-chloropropane	96-12-8 *	-	< 5	-
1,2,4-Trichlorobenzene	120-82-1	-	< 5	-
Hexachlorobutadiene	87-68-3	-	< 5	-
Naphthalene	91-20-3	-	< 5	-
1,2,3-Trichlorobenzene	87-61-6	-	< 5	-

Compounds marked * are not UKAS accredited
"M" denotes that % fit has been manually interpreted

Internal standards	R.T.	Area %	Surrogates	% Rec
Pentafluorobenzene	3.60	102	Dibromofluoromethane	1
1,4-Difluorobenzene	3.95	101	Toluene-d8	100
Chlorobenzene-d5	5.09	101	Bromofluorobenzene	96
1,4-Dichlorobenzene-d4	5.89	97		

Where individual results are flagged see report notes for status.

Volatile Organic Compounds by HSA-GCMS

UKAS accredited?: No

Customer and Site Details:	RPS: JER6108 Tremorfa Industrial Estate	**Directory/Quant file:**	2017\040617\ Initial Calibration	**Matrix:**	Water
Sample Details:	BH2	**Date Booked in:**	03-Apr-17	**Method:**	Headspace
LIMS ID Number:	EX1783564	**Date Analysed:**	06-Apr-17	**Multiplier:**	1
Job Number:	W23_8577	**Operator:**	PR	**Position:**	13

Target Compounds	CAS #	R.T. (min.)	Concentration µg/l	% Fit
Dichlorodifluoromethane	75-71-8 *	-	< 1	-
Chloromethane	74-87-3	-	< 1	-
Vinyl Chloride	75-01-4	-	< 1	-
Bromomethane	74-83-9 *	-	< 5	-
Chloroethane	75-00-3 *	-	< 5	-
Trichlorofluoromethane	75-69-4 *	-	< 1	-
1,1-Dichloroethene	75-35-4	-	< 1	-
trans 1,2-Dichloroethene	156-60-5	-	< 1	-
1,1-Dichloroethane	75-34-3	-	< 1	-
2,2-Dichloropropane	594-20-7 *	-	< 1	-
cis 1,2-Dichloroethene	156-59-2	-	< 1	-
Bromochloromethane	74-97-5	-	< 1	-
Chloroform	67-66-3	-	< 1	-
1,1,1-Trichloroethane	71-55-6	-	< 1	-
Carbon Tetrachloride	56-23-5	-	< 1	-
1,1-Dichloropropene	563-58-6	-	< 1	-
Benzene	71-43-2	-	< 1	-
1,2-Dichloroethane	107-06-2	-	< 1	-
Trichloroethene	79-01-6	-	< 5	-
1,2-Dichloropropane	78-87-5	-	< 1	-
Dibromomethane	74-95-3	-	< 1	-
Bromodichloromethane	75-27-4	-	< 1	-
cis 1,3-Dichloropropene	10061-01-5 *	-	< 1	-
Toluene	108-88-3	4.59	2	98
trans 1,3-Dichloropropene	10061-02-6 *	-	< 1	-
1,1,2-Trichloroethane	79-00-5	-	< 1	-
Tetrachloroethene	127-18-4	-	< 5	-
1,3-Dichloropropane	142-28-9	-	< 1	-
Dibromochloromethane	124-48-1	-	< 1	-
1,2-Dibromoethane	106-93-4	-	< 1	-
Chlorobenzene	108-90-7	-	< 1	-
Ethylbenzene	100-41-4	-	< 1	-
1,1,1,2-Tetrachloroethane	630-20-6	-	< 1	-
m and p-Xylene	108-38-3/106-42-3	-	< 1	-
o-Xylene	95-47-6	-	< 1	-

Target Compounds	CAS #	R.T. (min.)	Concentration µg/l	% Fit
Styrene	100-42-5	-	< 1	-
Bromoform	75-25-2	-	< 1	-
iso-Propylbenzene	98-82-8	-	< 1	-
1,1,2,2-Tetrachloroethane	79-34-5 *	-	< 1	-
Propylbenzene	103-65-1	-	< 1	-
Bromobenzene	108-86-1	-	< 1	-
1,2,3-Trichloropropane	96-18-4	-	< 1	-
2-Chlorotoluene	95-49-8	-	< 1	-
1,3,5-Trimethylbenzene	108-67-8	-	< 1	-
4-Chlorotoluene	106-43-4	-	< 1	-
tert-Butylbenzene	98-06-6	-	< 1	-
1,2,4-Trimethylbenzene	95-63-6	-	< 1	-
sec-Butylbenzene	135-98-8	-	< 1	-
p-Isopropyltoluene	99-87-6	-	< 1	-
1,3-Dichlorobenzene	541-73-1	-	< 1	-
1,4-Dichlorobenzene	106-46-7	-	< 1	-
n-Butylbenzene	104-51-8	-	< 1	-
1,2-Dichlorobenzene	95-50-1	-	< 5	-
1,2-Dibromo-3-chloropropane	96-12-8 *	-	< 5	-
1,2,4-Trichlorobenzene	120-82-1	-	< 5	-
Hexachlorobutadiene	87-68-3	-	< 5	-
Naphthalene	91-20-3	-	< 5	-
1,2,3-Trichlorobenzene	87-61-6	-	< 5	-

Compounds marked * are not UKAS accredited
"M" denotes that % fit has been manually interpreted

Internal standards	R.T.	Area %	Surrogates	% Rec
Pentafluorobenzene	3.60	106	Dibromofluoromethane	1
1,4-Difluorobenzene	3.95	105	Toluene-d8	99
Chlorobenzene-d5	5.09	104	Bromofluorobenzene	97
1,4-Dichlorobenzene-d4	5.89	101		

Where individual results are flagged see report notes for status.

Volatile Organic Compounds by HSA-GCMS

UKAS accredited?: No

Customer and Site Details:	RPS: JER6108 Tremorfa Industrial Estate	**Directory/Quant file:**	2017\040617\ Initial Calibration	**Matrix:**	Water
Sample Details:	BH3	**Date Booked in:**	03-Apr-17	**Method:**	Headspace
LIMS ID Number:	EX1783565	**Date Analysed:**	06-Apr-17	**Multiplier:**	1
Job Number:	W23_8577	**Operator:**	PR	**Position:**	14

Target Compounds	CAS #	R.T. (min.)	Concentration µg/l	% Fit
Dichlorodifluoromethane	75-71-8 *	-	< 1	-
Chloromethane	74-87-3	-	< 1	-
Vinyl Chloride	75-01-4	-	< 1	-
Bromomethane	74-83-9 *	-	< 5	-
Chloroethane	75-00-3 *	-	< 5	-
Trichlorofluoromethane	75-69-4 *	-	< 1	-
1,1-Dichloroethene	75-35-4	-	< 1	-
trans 1,2-Dichloroethene	156-60-5	-	< 1	-
1,1-Dichloroethane	75-34-3	-	< 1	-
2,2-Dichloropropane	594-20-7 *	-	< 1	-
cis 1,2-Dichloroethene	156-59-2	-	< 1	-
Bromochloromethane	74-97-5	-	< 1	-
Chloroform	67-66-3	-	< 1	-
1,1,1-Trichloroethane	71-55-6	-	< 1	-
Carbon Tetrachloride	56-23-5	-	< 1	-
1,1-Dichloropropene	563-58-6	-	< 1	-
Benzene	71-43-2	-	< 1	-
1,2-Dichloroethane	107-06-2	-	< 1	-
Trichloroethene	79-01-6	-	< 5	-
1,2-Dichloropropane	78-87-5	-	< 1	-
Dibromomethane	74-95-3	-	< 1	-
Bromodichloromethane	75-27-4	-	< 1	-
cis 1,3-Dichloropropene	10061-01-5 *	-	< 1	-
Toluene	108-88-3	4.59	2	98
trans 1,3-Dichloropropene	10061-02-6 *	-	< 1	-
1,1,2-Trichloroethane	79-00-5	-	< 1	-
Tetrachloroethene	127-18-4	-	< 5	-
1,3-Dichloropropane	142-28-9	-	< 1	-
Dibromochloromethane	124-48-1	-	< 1	-
1,2-Dibromoethane	106-93-4	-	< 1	-
Chlorobenzene	108-90-7	-	< 1	-
Ethylbenzene	100-41-4	-	< 1	-
1,1,1,2-Tetrachloroethane	630-20-6	-	< 1	-
m and p-Xylene	108-38-3/106-42-3	-	< 1	-
o-Xylene	95-47-6	-	< 1	-

Target Compounds	CAS #	R.T. (min.)	Concentration µg/l	% Fit
Styrene	100-42-5	-	< 1	-
Bromoform	75-25-2	-	< 1	-
iso-Propylbenzene	98-82-8	-	< 1	-
1,1,2,2-Tetrachloroethane	79-34-5 *	-	< 1	-
Propylbenzene	103-65-1	-	< 1	-
Bromobenzene	108-86-1	-	< 1	-
1,2,3-Trichloropropane	96-18-4	-	< 1	-
2-Chlorotoluene	95-49-8	-	< 1	-
1,3,5-Trimethylbenzene	108-67-8	-	< 1	-
4-Chlorotoluene	106-43-4	-	< 1	-
tert-Butylbenzene	98-06-6	-	< 1	-
1,2,4-Trimethylbenzene	95-63-6	-	< 1	-
sec-Butylbenzene	135-98-8	-	< 1	-
p-Isopropyltoluene	99-87-6	-	< 1	-
1,3-Dichlorobenzene	541-73-1	-	< 1	-
1,4-Dichlorobenzene	106-46-7	-	< 1	-
n-Butylbenzene	104-51-8	-	< 1	-
1,2-Dichlorobenzene	95-50-1	-	< 5	-
1,2-Dibromo-3-chloropropane	96-12-8 *	-	< 5	-
1,2,4-Trichlorobenzene	120-82-1	-	< 5	-
Hexachlorobutadiene	87-68-3	-	< 5	-
Naphthalene	91-20-3	-	< 5	-
1,2,3-Trichlorobenzene	87-61-6	-	< 5	-

Compounds marked * are not UKAS accredited
"M" denotes that % fit has been manually interpreted

Internal standards	R.T.	Area %	Surrogates	% Rec
Pentafluorobenzene	3.60	104	Dibromofluoromethane	1
1,4-Difluorobenzene	3.95	103	Toluene-d8	99
Chlorobenzene-d5	5.09	103	Bromofluorobenzene	96
1,4-Dichlorobenzene-d4	5.89	99		

Where individual results are flagged see report notes for status.

Sample Analysis

ESG Environmental Chemistry
Analytical and Deviating Sample Overview

W238577

Customer RPS
Site JER6108 Tremorfa Industrial Estate
Report No W238577

Consignment No W118328
Date Logged 03-Apr-2017
In-House Report Due 10-Apr-2017
Please note the results for any subcontracted analysis (identified with a '^') is likely to take up to an additional five working d

ID Number	Description	Matrix Type	Sampled	MethodID	CUSTSERV	GROHSA	ICPMSW									IGPWATTVAR	KONENS		PAHMSW	PCBCONEC	SFAPI	
					Report A	GRO-HSA GCFID (AA-UK)	Nickel as Ni MS (Dissolved)	Chromium as Cr MS (Dissolved)	Cadmium as Cd MS (Dissolved)	Copper as Cu MS (Dissolved)	Lead as Pb MS (Dissolved)	Zinc as Zn MS (Dissolved)	Arsenic as As MS (Dissolved)	Mercury as Hg MS (Dissolved)	Selenium as Se MS (Dissolved)	Total Sulphur as SO4 (Diss) VAR	Chloride as Cl (Kone)	Ammoniacal Nitrogen (Kone)	PAH GC-MS (16)	PCB - 12 Congeners	Cyanide (Free) as CN SFA	Cyanide (Total) as CN SFA
						✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓		✓	✓
EX/1783563	BH1	Groundwater	31/03/17																			
EX/1783564	BH2	Groundwater	31/03/17																			
EX/1783565	BH3	Groundwater	31/03/17																			

Note: We will endeavour to prioritise samples to complete analysis within holding time; however any delay could result in samples becoming deviant whilst being processed in the laboratory.

If sampling dates are missing or matrices unclassified then results will not be ISO 17025 accredited. Please contact us as soon as possible to provide missing information in order to reinstate accreditation.

Deviating Sample Key	
A	The sample was received in an inappropriate container for this analysis
B	The sample was received without the correct preservation for this analysis
C	Headspace present in the sample container
D	The sampling date was not supplied so holding time may be compromised - applicable to all analysis
E	Sample processing did not commence within the appropriate holding time
F	Sample processing did not commence within the appropriate handling time

Requested Analysis Key	
	Analysis Required
	Analysis dependant upon trigger result - **Note: due date may be affected if triggered**
	No analysis scheduled
^	Analysis Subcontracted - **Note: due date may vary**

The integrity of data for samples/analysis that have been categorised as Deviating may be compromised. Data may not be representative of the sample at the time of sampling.
Where individual results are flagged see report notes for status.

Sample Analysis

ESG Environmental Chemistry
Analytical and Deviating Sample Overview

W238577

Customer RPS
Site JER6108 Tremorfa Industrial Estate
Report No W238577

Consignment No W118328
Date Logged 03-Apr-2017
In-House Report Due 10-Apr-2017
Please note the results for any subcontracted analysis (identified with a '^') is likely to take up to an additional five working d

ID Number	Description	Matrix Type	Sampled	SVOCSW	TPHFID-SI	VOCHSAW	WSLM3
MethodID				SVOC	TPH by GC (CWG UKEA Banding >44)	VOC HSA-GCMS	pH units
					✓	✓	✓
EX/1783563	BH1	Groundwater	31/03/17				
EX/1783564	BH2	Groundwater	31/03/17				
EX/1783565	BH3	Groundwater	31/03/17				

Note: We will endeavour to prioritise samples to complete analysis within holding time; however any delay could result in samples becoming deviant whilst being processed in the laboratory.

If sampling dates are missing or matrices unclassified then results will not be ISO 17025 accredited. Please contact us as soon as possible to provide missing information in order to reinstate accreditation.

Deviating Sample Key	
A	The sample was received in an inappropriate container for this analysis
B	The sample was received without the correct preservation for this analysis
C	Headspace present in the sample container
D	The sampling date was not supplied so holding time may be compromised - applicable to all analysis
E	Sample processing did not commence within the appropriate holding time
F	Sample processing did not commence within the appropriate handling time

Requested Analysis Key	
	Analysis Required
	Analysis dependant upon trigger result - **Note: due date may be affected if triggered**
	No analysis scheduled
^	Analysis Subcontracted - **Note: due date may vary**

The integrity of data for samples/analysis that have been categorised as Deviating may be compromised. Data may not be representative of the sample at the time of sampling.
Where individual results are flagged see report notes for status.

Report Number : W/EXR/238577

Additional Report Notes

Method Code	Sample ID	The following information should be taken into consideration when using the data contained within this report
VOCHSAW	EX1783563 to EX1783565	The secondary process control result associated with this Test has not wholly met the requirements of the Laboratory Quality Management System (QMS). All other Process controls (including the Primary Process control) are within specification. The Laboratory believes that the validity of the data has not been affected but in line with our QMS policy we have removed accreditation from the affected analytes (Chloroethane and Trichlorofluoromethane). These circumstances should be taken into consideration when utilising the data.

Where individual results are flagged see report notes for status.

Method Descriptions

Matrix	MethodID	Analysis Basis	Method Description
Water	GROHSA	As Received	Determination of Total Gasoline Range Organics Hydrocarbons (GRO) by Headspace FID
Water	ICPMSW	As Received	Direct quantitative determination of Metals in water samples using ICPMS
Water	ICPWATVAR	As Received	Direct determination of Metals and Sulphate in water samples using ICPOES
Water	KONENS	As Received	Direct analysis using discrete colorimetric analysis
Water	PAHMSW	As Received	Determination of PolyAromatic Hydrocarbons in water by pentane extraction GCMS quantitation
Water	PCBCONEC	As Received	Determination of Polychlorinated Biphenyl (PCB) congeners by pentane extraction followed by GCECD detection
Water	SFAPI	As Received	Segmented flow analysis with colorimetric detection
Water	SVOCSW	As Received	Determination of Semi Volatile Organic Compounds (SVOC) by DCM extraction followed by GCMS detection
Water	TPHFID-Si	As Received	Determination of speciated pentane extractable hydrocarbons in water by GCFID
Water	VOCHSAW	As Received	Determination of Volatile Organics Compounds by Headspace GCMS
Water	WSLM3	As Received	Determination of the pH of water samples by pH probe

Report Notes

Generic Notes

Soil/Solid Analysis

Unless stated otherwise,
- Results expressed as mg/kg have been calculated on the basis indicated in the Method Description table.
  All results on MCERTS reports are reported on a 105ºC dry weight basis with the exception of pH and conductivity.
- Sulphate analysis not conducted in accordance with BS1377
- Water Soluble Sulphate is on a 2:1 water:soil extract

Waters Analysis

Unless stated otherwise results are expressed as mg/l

Nil: Where "Nil" has been entered against Total Alkalinity or Total Acidity this indicates that a measurement was not required due to the inherent pH of the sample.

Oil analysis specific

Unless stated otherwise,
- Results are expressed as mg/kg
- SG is expressed as g/cm^3@ 15°C

Gas (Tedlar bag) Analysis

Unless stated otherwise, results are expressed as ug/l

Asbestos Analysis

CH Denotes Chrysotile **TR** Denotes Tremolite
CR Denotes Crocidolite **AC** Denotes Actinolite
AM Denotes Amosite **AN** Denotes Anthophylite
NAIIS No Asbestos Identified in Sample
NADIS No Asbestos Detected In Sample

Symbol Reference

^ Sub-contracted analysis.
$$ Unable to analyse due to the nature of the sample
¶ Samples submitted for this analyte were not preserved on site in accordance with laboratory protocols. This may have resulted in deterioration of the sample(s) during transit to the laboratory. Consequently the reported data may not represent the concentration of the target analyte present in the sample at the time of sampling
¥ Results for guidance only due to possible interference
& Blank corrected result
I.S Insufficient sample to complete requested analysis
I.S(g) Insufficient sample to re-analyse, results for guidance only
Intf Unable to analyse due to interferences
N.D Not determined **N.Det** Not detected
N.F No Flow
NS Information Not Supplied
Req Analysis requested, see attached sheets for results
Þ Raised detection limit due to nature of the sample
***** All accreditation has been removed by the laboratory for this result
‡ MCERTS accreditation has been removed for this result
§ accreditation has been removed for this result as it is a non-accredited matrix

Note: The Laboratory may only claim that data is accredited when all of the requirements of our Quality System have been met. Where these requirements have not been met the laboratory may elect to include the data in its final report and remove the accreditation from individual data items if it believes that the validity of the data has not been affected. If further details are required of the circumstances which have led to the removal of accreditation then please do not hesitate to contact the laboratory.

Sample Descriptions

Client : RPS
Site : JER6108 Tremorfa Industrial Estate
Report Number : W23_8577

Lab ID Number	Client ID	Description
EX/1783563	BH1	Groundwater
EX/1783564	BH2	Groundwater
EX/1783565	BH3	Groundwater

References

i Natural Resources Wales, Environmental Permitting Regulations – Guidance for applicants H5 – Site condition report – guidance and templates, October 2014: https://naturalresources.wales/media/1215/environmental-permitting-regulations-guidance-for-applicants-h5-site-condition-report-guidance-and-template.pdf

RPS

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