



St. Modwen Developments Ltd

Coed Darcy North Site Reservoir

Phase I Geo-environmental Desk Study

April 2023

Project Code: 04020

Document reference: 04020-PJA-23-XX-RP-R-0083

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Contents

Section	Page
I Introduction	I
1.1 General	1
1.2 Proposed Development	1
1.3 Objectives	1
1.4 Scope of works	1
1.5 Limitations	2
2 Sources of Information	3
3 Site Location and Description	4
3.1 Site Location	4
3.2 Site Description	4
3.3 North Site Reservoir Infrastructure	5
3.4 Site History	6
3.5 Unexploded Ordnance	8
4 Geo-environmental Site Setting.....	9
4.1 Published Geology	9
4.2 Minerals and Mining	9
4.3 Hydrogeology	9
4.4 Hydrology	10
4.5 Permits and Licences	11
4.6 Sensitive Land Uses	11
5 Previous Investigation and Remedial Works	12
5.1 North Site Reservoir	12
5.2 East Bay	13
5.3 Dam	13
5.4 Additional Basal Sediment Investigation	14
5.5 Drainage Inflow Monitoring	15
6 Initial Conceptual Site Model.....	16
6.1 Potential Sources of Contamination	16
6.2 Potential Receptors	17
6.3 Potential Pathways	17
6.4 Initial Conceptual Site Model and Risk Assessment	18



7	Conclusions	21
8	Recommendations	22
8.1	Stage 1: Sediment Assessment	22
8.2	Stage 2: Sediment Remediation	23
	Stage 3: Sediment Validation	23
8.3	23	
8.4	Surface Water Quality Monitoring	23

List of Tables

Table 3-1: Historical Development of the Site and Surrounding Area	6
Table 4-1: Surface Water Abstraction Licences.....	11
Table 6-1: Potential Receptors	17
Table 6-2: Initial Conceptual Site Model and Preliminary Qualitative Risk Assessment For Proposed End Scenario	19



Appendices

Appendix A	Bathymetric Survey	25
Appendix B	Landmark Envirocheck Report.....	26
Appendix C	Explosive Ordnance Threat Assessment.....	27
Appendix D	Drainage Information	28
Appendix E	Previous Reports	29
Appendix F	Report Limitations.....	30
Appendix G	Risk Assessment Matrix	31



I Introduction

I.1 General

PJA Engineering has been instructed by St. Modwen Developments Limited (St. Modwen) to prepare a Phase 1 Geo-Environmental Desk Study to support a proposed planning application for the discontinuance of the North Site Reservoir (NSR) at the Coed Darcy development site. The NSR, herein referred to as 'the Site' is outlined in red on 04020-I-001-PO.

I.2 Proposed Development

Land owned by Coombe Tennant Estate was leased to British Petroleum (BP) to enable the NSR to be formed. During operation of the Llandarcy Oil Refinery, the NSR is believed to have been used for storing process water and fire fighting water. Since the refinery closed in 2001, the NSR has become redundant. St. Modwen acquired Llandarcy Oil Refinery from BP in 2008 and took over the tenancy agreement for the NSR.

The reservoir infrastructure has, over time, become dilapidated, prompting the decision to decommission the NSR as part of a formal discontinuance programme. with the aim of re-establishing feature. It is proposed to return the land to the landowner with a similar landform to originally, prior to formation of the NSR. The original landform is understood to have comprised open pasture with a stream flowing along the base of a shallow valley.

The works will entail removing the earth dam, re-forming the shallow valley and reinstating a central stream which will ultimately drain to Crymlyn Bog to the west of the NSR. Attenuation features necessary for retaining water will be designed such that they only hold water during periods of prolonged heavy rainfall. Once remedial activities have been undertaken, the re-profiled landform will be allowed to vegetate naturally.

I.3 Objectives

This Phase 1 geo-environmental desk study will review relevant information currently available for the Site, identify further work required to inform the Proposed Development and present a broad strategy for the assessment and management of contamination.

It is intended that this Phase 1 geo-environmental desk study will be submitted to the Local Planning Authority to support a planning application for the Proposed Development.

I.4 Scope of works

This Phase 1 geo-environmental desk study includes:



- Review of geo-environmental and regulatory information and historical maps in a Landmark Envirocheck report recently obtained for the wider Coed Darcy Development Site;
- Review of available reports and records for the Site;
- Establishing the current site condition, geo-environmental setting, historical development, geology, hydrogeology, hydrology and regulatory context;
- Identification of sources, pathways and receptors and preparation of a conceptual site model to establish potential contaminant linkages;
- Completion of a preliminary qualitative risk assessment for the identified potential contamination linkages;
- Recommendations for further work to investigate potential contaminant linkages and ground engineering constraints; and
- Preparation of a broad strategy for the assessment and management of contamination.

I.5 Limitations

Where information and data has been used in preparation of this report and has been either provided to PJA or prepared by third parties, PJA accepts no responsibility for the accuracy or completeness of that information.

Further details of the report limitations are presented in Appendix F.



2 Sources of Information

The following sources of information have been reviewed:

- Landmark Envirocheck Report 283848248_1_1, dated 20 August 2021
- British Geological Survey (BGS) Onshore Geoindex <https://mapapps2.bgs.ac.uk/geoindex>;
- DEFRA MAGIC Map <https://magic.defra.gov.uk/MagicMap.aspx>;
- Assorted historical oil refinery drawings and plans;
- NSR topographical survey, 2010;
- NSR bathymetry survey, Landscape Engineering Ltd, 2010;
- Coed Darcy Urban Village North Site Reservoir Dam Ground Investigation Factual Report (PC114596), Geotechnics, June 2011;
- East Bay topographical survey, Celtic, 2011;
- East Bay Verification Report (R1434/11/4067), Celtic, September 2011;
- Coed Darcy Urban Village RAP Feature 16 North Site Reservoir Sludge Removal Verification Report (5041216-RAP-RPT-000736), Atkins, March 2013;
- Coed Darcy North Site Reservoir (Monitor Phase 21) Remediation Redevelopment Works Completion Technical Note (5041216-REM-TN-0001403), Atkins, October 2015.
- https://maps.cyfoethnaturiolcymru.gov.uk/Html5Viewer/Index.html?configBase=https://maps.cyfoethnaturiolcymru.gov.uk/Geocortex/Essentials/REST/sites/Flood_Risk/viewers/Flood_Risk/virtualdirectory/Resources/Config/Default&layerTheme=0
- [Neath Port Talbot Local Development Plan interactive map viewer https://maps.npt.gov.uk/ldp_final/index.html](https://maps.npt.gov.uk/ldp_final/index.html)
- Neath Port Talbot County Borough Council Local Development Plan (2011-2026) Adopted January 2016. Proposals Map ([ldp_proposals_map_jan16.pdf \(npt.gov.uk\)](#))
- Coal Authority Interactive Map Viewer <https://mapapps2.bgs.ac.uk/coalauthority/home.html>



3 Site Location and Description

3.1 Site Location

The Site lies in the far north of the former BP Llandarcy Oil Refinery and is surrounded on all sides by vacant, vegetated land.

3.2 Site Description

The NSR is approximately 575m long by 150m wide and occupies an area of approximately 7 hectares. The NSR is orientated ENE – WSW and water is impounded behind a dam which was constructed at the western end of the reservoir.

At the eastern end of the NSR is a second body of water, East Bay, which is approximately 80m by 90m and covers an area of approximately 0.6 hectares. The two bodies of water are separated by a 'land bridge' crossing the valley from north to south; this is approximately 100m long and between 5m and 10m wide. A culvert runs through the 'land bridge' allowing east bay to drain into the NSR.

The total area of the Site is 10.17 hectares, shown on Drawing 04020-I-001-P0.

3.2.1 Topography and Bathymetry

Data from a 2010 topographical survey have been reviewed and approximate measurements on the slope gradients have been made. The northern side of the NSR has a gradient in the region of 1:4.6. To the south the gradient is a little steeper at 1:4.3. These gradients are approximate references as the actual slope varies across the length of the valley and there are likely to be local variables.

A bathymetric survey was conducted by Landscape Engineering Ltd in 2010. The plan and associated sections produced from this survey are presented in Appendix A.

The NSR is deepest at its western end where the elevation of the base of the NSR is approximately 22.5mAOD. Following the original topography of the valley, the NSR shallows towards the east where the deepest elevation is approximately 27mAOD.

Landscape Engineering produced 24 cross sections aligned from north to south along the length of the NSR in 2010. These have been reviewed to estimate underwater slope gradients in the NSR.

The base of East Bay was surveyed by Celtic in 2011 following the draining and removal of sludges. The topographical survey for East Bay showed the base is approximately 27mAOD at its deepest point, rising to approximately 30mAOD at the edges.

3.2.2 Surrounding land uses



Vacant land of the former Llandarcy Oil Refinery historically used as a tank farm extends to the south of the Site, beyond which is a railway line in a cutting located 70m from the Site at its closest point, and beyond this is further vacant land and Darcy Business Park.

To the west of the site is undeveloped land comprising rough pasture, dominated by bracken growth, with areas of marsh and woodland. The railway line is approximately 150m to the west, at which point it is raised above the surrounding ground on an embankment.

To the north of the Site are wooded slopes of the valley sides, open fields and the residential dwellings of Skewen village, the closest of which is 100m to the north. High voltage power lines also pass along the valley slope on pylons, approximately 50m to the north and running parallel to the northern bank of the NSR.

To the east of the Site is a densely wooded area, with a stream running along the base of the valley from east to west into the NSR. The M4 motorway is approximately 120m to the east, and beyond that are further residential properties of Skewen.

Crymlyn Bog is located approximately 675m to the south west of the Site.

3.3 North Site Reservoir Infrastructure

3.3.1 Dam

The dam at the western end of the Site is approximately 230m long with a maximum height of approximately 9m and a grassed downstream slope at a gradient of 1:2.5. The crest of the dam is flat and approximately 2.5m wide.

3.3.2 Pumping Station

A pumping station compound measuring approximately 450m² and containing three pumps is located in the south western corner of the NSR.

3.3.3 Emergency Spillway

The high-level emergency spillway in the north western corner of the NSR consists of a reinforced concrete headwall and outlet pipe which is understood to have been used during operation of the oil refinery to convey water directly to Crymlyn Bog in the event of high water levels in the NSR.

3.3.4 Emergency Drawdown Valve

The emergency drawdown valve is situated at the base of the downstream dam embankment. The manually operated valve controls the discharge of water through a culvert at the base of the dam. The valve is inspected on an annual basis.



3.3.5 Site Drainage Culvert

Drainage from the wider Coed Darcy development site flows through a piped culvert across the railway cutting towards the NSR, then following the southern edge of the NSR in an open channel before discharging into the south eastern corner of the NSR via a concrete stepped spillway.

3.3.6 Northern Runoff Interception Drain

An interception drain following the northern edge of the reservoir was installed circa 2003 in order to reduce the volume of water discharging to the NSR from the north, therefore reducing the costs associated with pumping water from the NSR. It is understood that these works were undertaken following consultation between Environment Agency Wales and the previous site owners, BP.

The drain also collects some M4 runoff and some surface water drainage from Skewen. Plans showing the connections are not available, but a survey of the drain was conducted by Atkins in 2011 which confirmed the locations and sources of surface water inflows. The drain alignment and position of manhole access points are shown on Atkins drawing 5041216-ENG-DWG-0001046 presented in Appendix D.

3.4 Site History

Historical maps are included in a Landmark Envirocheck Report obtained in 2021 for the wider Coed Darcy Site, presented in Appendix B. These maps have been reviewed to establish the historical development of the Site and surrounding area. The findings are summarised in Table 3-1.

Table 3-1: Historical Development of the Site and Surrounding Area

Date	Site	Surrounding Area
1878-1881	The Site is largely undeveloped and is shown as partially wooded marsh and rough pasture. The area is subdivided into separate fields. A stream is shown flowing through the centre of the Site from north east to south west. A spring is marked originating from the northern side of the valley close to its western extent, draining into the stream. A second spring is marked at the far north eastern extent of the Site. Crossing the centre of the Site, perpendicular to the stream is an access track.	Surrounding the Site is largely undeveloped land. There are farms to the north and south of the site. Skewen village is located approximately 300m to the northeast of the Site at its closest point. A tramway is located approximately 300m to the east of the Site.
1899	No significant changes.	No significant changes.
1918 - 1921	Stepping stones are marked where the north south access track crosses the stream.	The Great Western Railway line has been constructed to the south of the Site. At its closest point this is approximately 100m to the south west of the Site. Development of residential properties to the east of the Site (approximately 250-325m east). Expansion of the village of Skewen.



Date	Site	Surrounding Area
1940	No significant changes.	Electricity pylons pass adjacent to the eastern and northern boundaries of the Site. A gravel pit is present directly adjacent to the northern Site boundary at the western end of the NSR. A further gravel pit is present approximately 70m to the north of the site. Approximately 100m from the northern Site boundary is a cemetery. At the eastern end of the site, the electricity pylons head south. There has been further development of residential properties to the east of the site (Pen-Yr-Heol), and residential properties are now within 50m of the site boundary.
1945 – 1949	The reservoir has been created with a land bridge separating East Bay from the main waterbody and the dam in its current location at the western end of the NSR.	A row of houses has been constructed along a road running north to south approximately 100m to the east of the Site.
1951 – 1965	Unknown structures present at the southern end of the land bridge separating East Bay from the NSR.	To the south of the site and numerous storage tanks and oil-water separators associated with the oil refinery. A series of structures are present close to the eastern end of the Site adjacent to East Bay which may also be oil-water separators. Railway intersections are present approximately 150m to the south west of the Site. To the east of the site, throughout the 50s and 60s Skewen has continued to develop with an increase in the density of residential dwellings.
1969-71	No significant changes	Approximately 125m to the east of the Site is the A48 road, running along the route of the present day M4. To the south of the Site, some of the oil storage tanks associated with the refinery operations appear to have been removed.
1980-89	No significant changes	Housing development approximately 125m to the north of the Site has spread westwards towards the cemetery. At the eastern end of the site, residential development is increasing with the layout similar to that seen today.
1993- 1996	No significant changes.	Housing development to the north has now extended westwards to the cemetery.
2000	Aerial photography from 2000 shows a network of buoys at the western end of the NSR. East Bay appears to have been drained.	To the south of the Site the former oil storage tanks have largely been demolished, although a few remain together with the separators adjacent to the south western corner of the Site. To the north of the Site, the land between the Site and the residential development approximately 125m to the north can be seen as densely overgrown. The A48 road to the east of the Site is now labelled as the M4.



3.5 Unexploded Ordnance

Zetica UXO Risk Maps (<https://zeticauxo.com/downloads-and-resources/risk-maps/>) indicate the Site to lie within a low risk area based on World War II bombing densities; however the wider oil refinery is noted as a Luftwaffe Target.

The 2007 URS desk study for the wider Coed Darcy development site reports that during World War II, several storage tanks were bombed during air raids and caught fire.

In 2009 an Explosive Ordnance Threat Assessment was undertaken by BACTEC International Limited (BACTEC) for the wider Coed Darcy development site, which indicates *'The Neath area was targeted by the Luftwaffe on numerous occasions, with both HE and incendiary bombs recorded in the region; in addition, the locality was heavily defended by HAA batteries. There is therefore a risk of encountering both German aerially delivered UXO and unexploded Allied anti-aircraft shells UXO over much of the site.'*

BACTEC noted that *"the refinery would have been in constant use during the war and likely subject to stringent post-raid checks... However more peripheral and open areas... may not have been subject to the same levels of access; such areas are at a greater risk of UXO contamination. The reservoir (in the northern part of the site) was an area of open water during WWII and is also considered to be at an elevated risk."*

The 2009 BACTEC report is included in Appendix C.



4 Geo-environmental Site Setting

4.1 Published Geology

Published British Geological Survey (BGS) records show the Site to be underlain by superficial deposits of Devensian Till, described by the BGS as '*sandy clay with pebble to boulder-size clasts*'.

The bedrock geology is identified as Hughes Member Sandstone of the Pennant Sandstone Formation. This is described by the BGS as '*Green-grey, lithic arenites ('Pennant sandstones'), with thin mudstone/siltstone and seatearth interbeds, and mainly thin coals*'.

An inferred geological fault is inferred running parallel to the northern bank of the NSR. The displacement is unknown.

4.2 Minerals and Mining

4.2.1 Minerals

With reference to the Neath Port Talbot County Borough Council Local Development Plan Proposals Maps (2011-2026, Adopted January 2016), the bedrock underlying the Site forms part of a regionally extensive Safeguarded Category 1 Sandstone Resource.

4.2.2 Coal Mining

A coal mining report was obtained from the Coal Authority for the wider Coed Darcy development site and has been reviewed together with the Coal Authority's Interactive Map Viewer. A summary of the information reviewed is provided below.

The Site lies within a coal mining reporting area. However, the Site is not within a development high risk area, there are no mine entries or recorded occurrences of surface mining (past or current), and there are no probable shallow coal mine workings shown beneath or in the vicinity of the Site.

- The nearest coal seams are 560m to the north, and 560m to the southeast of the Site.
- The nearest recorded mine entry is approximately 460m to the south east of the Site.
- There are no opencast mines recorded within 500m of the Site.

4.3 Hydrogeology

Natural Resources Wales (NRW) classifies the Till as a Secondary (Undifferentiated) Aquifer. The bedrock of the Pennant Sandstone Formation is classified as a Secondary A Aquifer.

Secondary (Undifferentiated) Aquifers are defined as '*aquifers where it is not possible to apply either a Secondary A or B definition because of the variable characteristics of the rock type. These*



have only minor value.'

Secondary A Aquifers are defined as '*permeable layers capable of supporting water supplies at a local rather than strategic scale, and in some cases forming an important source of base flow to rivers.*'

The Envirocheck Report obtained in 2021 for the wider Coed Darcy development site, presented in Appendix B, indicates that no active licensed groundwater abstractions are located within 1000m of the Site and the Site is not located in a groundwater source protection zone.

4.4 Hydrology

Based on existing knowledge and a review of available plans, there are two principal hydrological inputs to the NSR:

- drainage from the wider Coed Darcy development site via a culvert crossing the railway line, ultimately discharging to the south eastern corner of the NSR via a stepped concrete spillway; and
- a stream culverted under the M4, and M4 runoff flowing from the east directly into East Bay.

Other inputs to the NSR are surface run-off from the valley sides, rainfall and groundwater baseflow.

Water from the NSR is currently pumped southwards across the railway line to the north eastern corner of the wider Coed Darcy site where it discharges via a consented Welsh Water industrial discharge point that ultimately outfalls to the River Neath.

4.4.1 Recent Dewatering

Prior to December 2021, the water level in the NSR had been maintained at approximately 30mAOD. This had been controlled by manual monitoring and operation of electric static pumps in the south western corner of the NSR.

Since December 2021 the water level of the NSR has been reduced to reduce the risk posed by the dilapidated condition of the emergency infrastructure. From this date the water level was lowered, initially by the static pumps in the south western corner of the NSR. Once the water level dropped beyond the level of these pumps a mobile pump was mobilised to further reduce the water level.

East Bay is currently acting as a temporary attenuation pond to manage drainage inflows from the M4 and the stream originating to the east of the M4.



4.5 Permits and Licences

4.5.1 Abstraction licence

The Envirocheck Report lists an active abstraction licence at the NSR for 'industrial processing (non-evaporative cooling)'. Details on this license are listed in Table 4-1:

Table 4-1: Surface Water Abstraction Licences

National Grid Reference	Specific Location	Licence Number	Operator	Abstraction Use	Permit Start Date
271290, 196340	On-Site at North Site Reservoir pumps	22/59/5/0005	St Modwen Properties Plc	Petrochemicals: Non-Evaporative Cooling	29 July 2010

4.5.2 Discharge Permit

As described in Section 4.4, water from the NSR is pumped southwards across the railway line to the north eastern corner of the wider Coed Darcy site where it discharges via a consented Welsh Water industrial discharge point, located approximately 430m to the southeast of the site, ultimately outfalling to the River Neath. The Environmental Permit (reference BP0064319/V002) is currently held by Welsh Water and it is understood that St. Modwen are periodically charged by Welsh Water for the discharge.

4.6 Sensitive Land Uses

4.6.1 Ancient Woodland

Approximately 50m to the southwest of the Site are three areas of ancient, semi natural woodland covering an area of approximately 1.3 hectares.

4.6.2 Crymlyn Bog

Crymlyn Bog, located approximately 675m to the southwest of the Site, is designated as a Site of Special Scientific Interest (SSSI), a RAMSAR site, a national nature reserve and a Special Area of Conservation (SAC). Crymlyn Bog covers an area of approximately 286 hectares and is understood to be recharged by several watercourses and groundwater, from catchments to the west, north and east.



5 Previous Investigation and Remedial Works

5.1 North Site Reservoir

Celtic Technologies (Celtic) carried out investigation works on the NSR in October 2009 on behalf of St. Modwen to assess the composition of sediment and sludge that had accumulated in the base of the NSR during and as a result of operation of oil refinery. As part of this investigation, environmental samples taken from 48 locations across the NSR underwent laboratory analysis. Recorded concentrations of Total Petroleum Hydrocarbons ranged from 20,000mg/kg to 92,000mg/kg. It was estimated by Celtic that there was approximately 45,000m³ of sediment and sludge at the base of the NSR.

Hydrock carried out removal of sediment and sludge between June 2011 and December 2012 on behalf of St. Modwen. The works were carried out from a barge using an extraction hose fitted with a cutting head. Approximately 62,000m³ hydrocarbon-impacted sludge was removed from the NSR. A total of 950 litres of free phase hydrocarbons were also reported to have been recovered as part of the works.

Atkins, working on behalf of St. Modwen, subsequently took over 300 environmental samples from the base of the NSR for verification purposes alongside Hydrock. Atkins assessed the recovered samples and assigned visual and olfactory ratings based on criteria in the Section 106 Agreement for the Coed Darcy development, where 0 is defined as '*no staining and no odour*', and 5 as '*visible product and a very strong odour very discernible in ambient air*'.

In 279 samples a visual and olfactory score of 2 or better was recorded, with 18 samples recording a score of 3 and a further 18 recording a score of 4 or greater. The samples were classified as green (pass), amber, or red (fail). The samples recorded as amber were considered to have passed if surrounded by acceptable samples or failed if they were clustered with other impacted samples. The locations of samples recorded as red were re-dredged except for a small number of locations where the failure was due to obstructions, thought to be pre-reservoir structures, creating a small area where the cutting head of the dredger could not pass.

The removal of an oil-stained 'tide mark' around the water line of the NSR was undertaken in three stages by Hydrock beginning in July 2011, with excavation of the impacted material on the shore of the NSR using an excavator positioned on a pontoon. The second stage of tide mark removal was undertaken by hand using spades and a pressurised air lance to improve small, isolated areas identified following a review of stage one works. These works were verified based on visual inspection.

Further details on the works carried out in the NSR are presented in Atkins report 5041216-RAP-RPT-000736 included in Appendix E.



5.2 East Bay

Celtic carried out remedial works at East Bay between November 2010 and April 2011 on behalf of St. Modwen. Remedial works comprised the following:

- Diversion of water inflows;
- Removal of redundant oil water separator structure; and
- Removal of basal hydrocarbon-impacted materials.

The removal of hydrocarbon-impacted materials was carried out after dewatering of East Bay. Woodchip was mixed with the basal sludges to improve the physical properties of the material and to enable it to be excavated and transported to a treatment area on the wider Coed Darcy development site.

Once all the impacted material had been removed, the base of East Bay was surveyed and validated by taking environmental samples for chemical analysis. A total of 41 samples were collected from the base and assessment of the laboratory analytical data showed there were no exceedances of the adopted Remedial Target Criteria for a recreational end use for materials placed <1m below the surface level.

Full details on the works carried out in East Bay are presented in Celtic report R1434/11/4067 dated September 2011, presented in Appendix E.

5.3 Dam

In 2011 a geotechnical investigation was undertaken on the dam by Geotechnics under the direction of Atkins on behalf of St. Modwen.

The investigation, comprising one cable percussion borehole and a series of hand-excavated trial pits, was undertaken to obtain information on the ground and groundwater conditions within the dam.

The borehole was drilled through the crest of the dam embankment to a depth of 15.5mbgl. The borehole log recorded 20mm of topsoil underlain by Made Ground predominantly comprising a gravelly silty sandy clay with occasional gravel.

At approximately 3.45 – 4.5mbgl, 10m, and 13 – 15.5mbgl the Made Ground was recorded as containing occasional plant remains and between 9.0m and 12mbgl gravel-sized slag was encountered.



Between 12 and 13mbgl the material was described as silty slightly gravelly sand with low cobble content which was interpreted as 'possible Made Ground'. Between 13m and 15.5mbgl natural ground was described as soft slightly sandy organic silt and slightly gravelly from 13.5m to 14mbgl.

Hydrocarbon odours were recorded at 1.5-2.5m, 5.45-6.0m, 8.5m and 10.5m.

No groundwater was encountered and the borehole was backfilled with grout.

Six trial pits were excavated with hand tools to a depth of 1.2mbgl. Trial pits generally encountered the top 1.2m as dark brown silty sandy gravel grading to slightly sandy slightly gravelly silty clay in parts with a low to medium angular to subrounded cobble content of grey sandstone, occasional roots, rare bricks, rare coal fragments and medium gravel sized pockets of yellowish brown and orangish brown mottled silty sand.

Full details of this investigation are presented in Geotechnics report PC114596 dated June 2011, included in Appendix E.

5.4 Additional Basal Sediment Investigation

By May 2022, drawdown of the NSR (described in Section 4.4.1) had enabled basal sediments in the eastern section to partially dry out. To enable safe access for sampling, sediments were scraped into low stockpiles to create a network of access routes through the sediment, and in these areas the natural underlying clay was exposed.

Two sampling rounds were carried out by PJA on behalf of St. Modwen, one in May 2022 and the second in June 2022. A total of 40 samples were taken across the two sampling visits and were tested for a broad range of contaminants.

Basal sediments were generally described by PJA engineers as dark brown, black, slightly gravelly silty clay with occasional rootlets, some hydrocarbon staining and locally a strong hydrocarbon odour. Gravel was fine to coarse subangular to subrounded sandstone with some ochreous staining. Anthropogenic objects recorded locally on, or just below the surface of the basal sediment included timber, rubber hoses, and metal fragments.

Laboratory results indicated that contamination was predominantly moderate to heavy end hydrocarbons (aliphatic and aromatic C12-C21), with some marginal exceedances of generic public open space assessment criteria of heavy metals and dibenzo(a,h)anthracene.

PJA reported that laboratory test results showed generally lower concentrations of hydrocarbons in the crust compared to deeper samples, particularly lighter end fractions, suggesting potential volatilisation of contamination when exposed to air. Visual and olfactory evidence of hydrocarbon contamination was generally recorded beneath the crust. This could be evidence of anoxic



conditions within the sediments meaning that hydrocarbon contamination persists until exposed to air, when contaminants break down in the presence of oxygen.

The underlying natural ground was described as dark grey to brown slit or clay, occasionally peaty and was generally found to be visually free from contamination.

5.5 Drainage Inflow Monitoring

Water quality monitoring has been ongoing for a number of years and this is currently undertaken by PJA on behalf of St. Modwen. Surface water samples are taken from a series of locations at and around the Site for laboratory analysis to assess the quality of inflows to the NSR, water at various locations in the NSR footprint and outflows from the NSR.

In August 2022 PJA produced a technical note summarising recent laboratory data, referenced 04020-PJA-22-XXTN-R-0075. This work was undertaken to review the current water quality, identify possible sources of potential chemical and nutrient contamination, and to assess the data against relevant Water Quality Standards.

The sampling and data assessment identified elevated concentrations of inorganic nitrogen, metals, PAH and TPH compared with the relevant assessment criteria under the current, un-remediated condition of the NSR.

It was noted by PJA that the inflows from the M4 represent a clear source of contamination, namely DAIN (inorganic nitrogen), PAH and metals, together with the basal sediments in the NSR.

Further details on the inflow monitoring are provided in PJA technical note 04020-PJA-22-XX-TN R-0075, included in Appendix E.



6 Initial Conceptual Site Model

Based on the information summarised in the preceding sections of this report, this section presents the sources of potential contamination, receptors to potential contamination and pathways between the two.

The initial Conceptual Site Model has been developed using this commonly adopted source-pathway-receptor model, as recommended in Land Contamination: Risk Management published by the Environmental Agency in 2020. Where contamination sources, receptors, and pathways are present, these are referred to as potential contaminant linkages.

As stated in Section 1.2, the proposals are to discontinue the reservoir, returning the area to its original landform comprising rough pasture with a stream reinstated along the base of the valley.

6.1 Potential Sources of Contamination

6.1.1 On-Site

On-Site potential sources of contamination are considered to comprise:

- Residual contaminated basal sediments as a result of flow-through of contaminated water associated with operation of the former oil refinery;
- Contaminated natural soils as a result of flow-through of contaminated water associated with operation of the former oil refinery;
- Made Ground associated with materials used in construction of the dam; and
- Dissolved-phase and free-phase contamination in groundwater associated with releases to ground from historical oil refinery operations to the south of the Site.

6.1.2 Off-Site

The key off-Site potential sources of contamination are considered to comprise:

- Contaminated surface water drainage from the M4 and Skewen;
- Residual contamination in soils and groundwater to the south of the Site associated with historical oil refinery operations.

The range of contaminants associated with the identified contamination sources (both on-Site and off-Site) are likely to include metals and other inorganics, asbestos, oils, fuels and grease (Total Petroleum Hydrocarbons), polycyclic aromatic hydrocarbons and chlorinated solvents.

Additional potential contaminants associated with runoff from the M4 include nutrients and chloride.



6.2 Potential Receptors

Potential receptors to contamination are presented in Table 6-1, based on the proposed end use of the Site.

Table 6-1: Potential Receptors

Receptor Type	Description
Human Health	Construction and maintenance workers
	Members of the public accessing the site
	Occupants of off-Site residential properties and users of off-Site public open space
Controlled Waters	Surface water in the central stream, downstream Tal-y-Fedw stream and Crymlyn Bog
	Groundwater in Secondary (undifferentiated) Aquifer and Secondary A Aquifer
Ecological	Crymlyn Bog SSSI

Whilst construction and maintenance workers are considered to be potential receptors to contamination, their exposure is considered to be acute based on the generally short duration of their work.

Land contaminated risk assessment is based on chronic risks associated with exposure to contamination over a longer period of time, therefore risks to construction and maintenance workers are not considered in the initial conceptual site model.

The proposals are to return the land to rough pasture with a central stream. Site visitors are considered unlikely as the land is not open to the public and there are no proposed public footpaths across the site. Nevertheless, for this initial conceptual site model it is assumed that unauthorised public access is possible.

6.3 Potential Pathways

6.3.1 Human Health

Regarding the assessment of risks to human health, the following pathways are potential exposure routes based on the assumed end use:

- Ingestion of contaminants in soil and soil-derived dust and surface waters;
- Dermal contact with contaminants in surface waters, soils and soil-derived dusts where soils (and contaminants) are exposed at the surface;
- Inhalation of contaminants in soil-derived dusts from areas where soils (and contaminants) are exposed at the surface; and
- Inhalation of soil-derived and water-derived vapours.



6.3.2 Controlled Waters

The following pathways for the migration of contamination to controlled waters are considered applicable:

- Leaching and migration of contaminants from on-Site soils into surface water;
- Leaching and migration of contaminants from soils in the unsaturated zone into groundwater;
- Lateral migration of contaminants in groundwater through soils with discharge to surface water as base flow; and
- Off-Site migration of contaminants in surface water.

6.3.3 Ecological

The following pathways for the migration of contamination to ecological receptors are considered applicable:

- Off-site migration of contaminants in surface water.

6.4 Initial Conceptual Site Model and Risk Assessment

Based on the information currently available, potential contaminant linkages have been identified and a preliminary risk assessment has been undertaken for the site. The estimation of the potential significance of each linkage is based on the proposed end use, the presence and mobility of potential contaminants and the plausibility of the identified migration/exposure pathways.

The preliminary risk assessment was undertaken in accordance with the risk matrix set out in CIRIA C552 and is presented in Table 6-1. Risk classification used to inform the preliminary risk assessment is presented in Appendix G.

**Table 6-2: Initial Conceptual Site Model and Preliminary Qualitative Risk Assessment For Proposed End Scenario**

Pollutant Linkage	Potential Source	Key Contaminants	Pathway	Receptor	Probability	Consequence	Risk	Rationale
1	On-Site Residual contaminated basal sediments as a result of flow-through of contaminated water associated with operation of the former oil refinery	Metals and other inorganics, asbestos, oils, fuels, and grease (Total Petroleum Hydrocarbons), polycyclic aromatic hydrocarbons, chlorinated solvents	Dermal contact with and/or ingestion of contaminants in soil and soil-derived dust and surface waters Inhalation of contaminants in soil-derived dust Inhalation of vapours	Human – Members of the public accessing the site	Unlikely	Medium	Low	Laboratory results of samples taken to date from basal sediments have indicated the presence of moderate to heavy end hydrocarbons (aliphatic and aromatic C12-C21), metals and PAH at concentrations which may pose an unacceptable risk to human health. However, the proposed end use does not encourage human access and the majority of the Site will be vegetated, therefore it is considered unlikely that people accessing the site will come into contact with the contamination.
2	Contaminated natural soils as a result of flow-through of contaminated water associated with operation of the former oil refinery Made Ground associated with materials used in construction of the dam		Dermal contact with and/or ingestion of contaminants in windblown soil and soil-derived dust Inhalation of contaminants in windblown soil-derived dust Inhalation of migrating vapours	Human – Occupants of off-Site residential properties and users of off-Site public open space	Unlikely	Medium	Low	Off-Site human receptors are considered unlikely to come into contact with residual contamination given the majority of the Site in its proposed end use will be vegetated, thereby minimising the potential for generation of dust and release of vapours.
3	Dissolved-phase and free-phase contamination in groundwater associated with releases to ground from historical oil refinery operations to the south of the Site		Leaching and migration of contaminants from on-Site soils into surface water Lateral migration of contaminants in groundwater through soils with discharge to surface water as baseflow Off-Site migration of contaminants in surface water	Controlled Waters – Surface water in the central stream, downstream Tal-y-Fedw stream and Crymlyn Bog	Moderate Likelihood	Medium	Moderate	Residual contamination is present as a result of the historical use of the Site as part of an oil refinery. Gross contamination has been removed as part of previous phases of remediation, but areas of contaminated basal sediments remain locally. Water quality data currently indicates elevated concentrations of TPH and PAH in surface water within the NSR which may be associated with residual soil contamination and seepages.
4			Leaching and migration of contaminants from soils in the unsaturated zone into groundwater	Controlled Waters – Groundwater in Secondary (undifferentiated) Aquifer and	Unlikely	Mild	Very Low	Superficial soils are classified as a Secondary (Undifferentiated) Aquifer. Initial investigation and sampling carried out by PJA in May and June 2022 indicates that the natural soils underlying the site are generally cohesive with an inherently low permeability. It is therefore considered unlikely that contaminants



Initial Conceptual Site Model

Pollutant Linkage	Potential Source	Key Contaminants	Pathway	Receptor	Probability	Consequence	Risk	Rationale
				Secondary A Aquifer				would migrate downward through the underlying clay and into the bedrock Secondary A Aquifer.
5			Off-site migration of contaminants in surface water	Ecological – Crymlyn Bog SSSI	Moderate Likelihood	Medium	Moderate	Residual contamination is present as a result of the historical use of the Site as part of an oil refinery. Gross contamination has been removed as part of previous phases of remediation, but areas of contaminated basal sediments remain locally. Water quality data currently indicates elevated concentrations of TPH and PAH in surface water within the NSR which may be associated with residual soil contamination and seepages.
6	Off-Site Contaminated surface water drainage from the M4 and Skewen	Metals and other inorganics, oils, fuels, and grease (Total Petroleum Hydrocarbons), polycyclic aromatic hydrocarbons, nutrients, chloride	Ingestion of, dermal contact with contaminants in surface waters Inhalation of water-derived vapours	Human - Members of the public accessing the site	Unlikely	Medium	Low	Water quality data indicates the presence of contaminants, including DAIN (inorganic nitrogen), PAH and metals, in surface water drainage entering the Site from the M4 and Skewen. The proposed end use does not encourage human access and the majority of the Site will be vegetated, therefore it is considered unlikely that people accessing the site will come into contact with the contamination.
7	Residual contamination in soils and groundwater to the south of the Site associated with historical oil refinery operations		Off-Site migration of contaminants in surface water	Controlled waters – Tal-y-Fedw stream Crymlyn Bog	Moderate Likelihood	Medium	Moderate	
8			Off-Site migration of contaminants in surface water	Ecological – Crymlyn Bog SSSI	Moderate Likelihood	Medium	Moderate	Water quality data indicates the presence of contaminants, including DAIN (inorganic nitrogen), PAH and metals, in surface water drainage entering the Site from the M4 and Skewen.



7 Conclusions

The desk study has identified potential sources of contamination from both on-Site and off-Site sources. A substantial amount of data exists for the Site (and of the adjacent site) because of extensive investigation and remediation works. Residual contamination is anticipated to exist at variable concentrations, and is anticipated to include TPH, PAH, asbestos, and metals.

Previous remedial works carried out in the NSR assumed the retention of the reservoir, and therefore assumed little exposure of human receptors to residual contamination in basal sediments. Similarly the previous remedial works assumed ongoing pumped discharge of surface water from the NSR via an oil water separator to a storm drain discharge point which ultimately drains to the River Neath.

The proposal to return the Site to rough pasture with a central stream which ultimately discharges to Crymlyn Bog represents a change from the current status and subsequently a number of preliminary risks have been highlighted to the identified receptors.

The initial conceptual site model and qualitative risk assessment suggests the following levels of risk to the identified receptors:

Table 7-1: Preliminary Risks to Identified Receptors

Receptor Type	Description	Preliminary Risk Level
Human	Members of the public accessing the site, Occupants of off-Site residential properties and users of off-Site public open space	Low
Controlled Waters	Central stream, Tal-y-Fedw, Crymlyn Bog	Moderate
	Groundwater in Secondary (Undifferentiated) Aquifer and Secondary A Aquifer	Very Low
Ecological	Crymlyn Bog SSSI	Moderate

No temporary or permanent sterilisation of the Safeguarded Category 1 sandstone resource has been identified, and in relation to Policy M1 of the Adopted Neath Port Talbot Local Development Plan, the proposed development would have no significant impact on the possible working of the resource. On this basis, no further assessment is considered to be required.

No risks or constraints associated with coal mining have been identified based on the information reviewed, and no further assessment is considered to be required.



8 Recommendations

A range of works are recommended to:

- identify potentially unacceptable risks to identified receptors from residual soil contamination and contaminants in surface water;
- refine the initial conceptual site model;
- determine the requirement for and scope of remediation; and
- ultimately enable the connection of the proposed central stream to the Tal-y-Fedw and Crymlyn Bog.

8.1 Stage I: Sediment Assessment

- Following drawdown of the NSR, carry out further initial visual assessment and sampling of the basal sediments and surface waters on site.
- For the basal sediments, it is proposed to implement a sampling frequency of 1 sample per 625m², with samples collected from between 0m to circa 0.50mbgl.
- Samples of the materials underlying the basal sediments will be sampled at a frequency of 1 per 1250m².
- Soil samples will be scheduled for the following analysis:
 - pH
 - Soil organic matter
 - Metals
 - Asbestos
 - Polycyclic Aromatic Hydrocarbons
 - Total Petroleum Hydrocarbons Criteria Working Group
 - Benzene, toluene, ethylbenzene, xylenes
 - Volatile Organic Compounds
- Laboratory analytical data will be screened against S4ULs applicable for a public open space end use. This exercise will allow for the identification of areas where exceedances have been recorded which can be targeted during further works.
- For surface waters, sampling of all inflows and outflows of the reservoir catchment will continue, to increase the dataset and assess potential seasonal variations throughout the year. Once dewatering works are complete, it is recommended that surface water sampling is carried out at the western end of the valley to assess the effect of natural attenuation as the water flows from east to west along the base of the valley.



8.2 Stage 2: Sediment Remediation

Basal Sediments

- Sample locations where significant exceedances of the S4UL are recorded will be subject to further investigation to delineate the extent of the contamination.
- Sediments considered to be unsuitable for retention will be removed for ex situ remediation, with the extent of excavation being determined by additional sampling and observation. Excavated materials will be treated within the wider Coed Darcy development site and either returned to the Site or retained for future use within the wider development.
- Materials with contaminant concentrations considered to be acceptable in relation to the S4UL will be retained in situ.

8.3 Stage 3: Sediment Validation

Following the proposed treatment works, the base of the NSR will undergo validation. Validation samples will be collected on a 1 per 625m² grid across the base of the treated area. Validation samples will undergo laboratory analysis for the suite of determinands listed in Section 8.2. Should remaining exceedances of the adopted S4UL be identified, the data will be further assessed and if considered necessary, sediments will be excavated and treated and the area re-validated.

Where appropriate, exceedances of S4UL may also be assessed using statistical techniques.

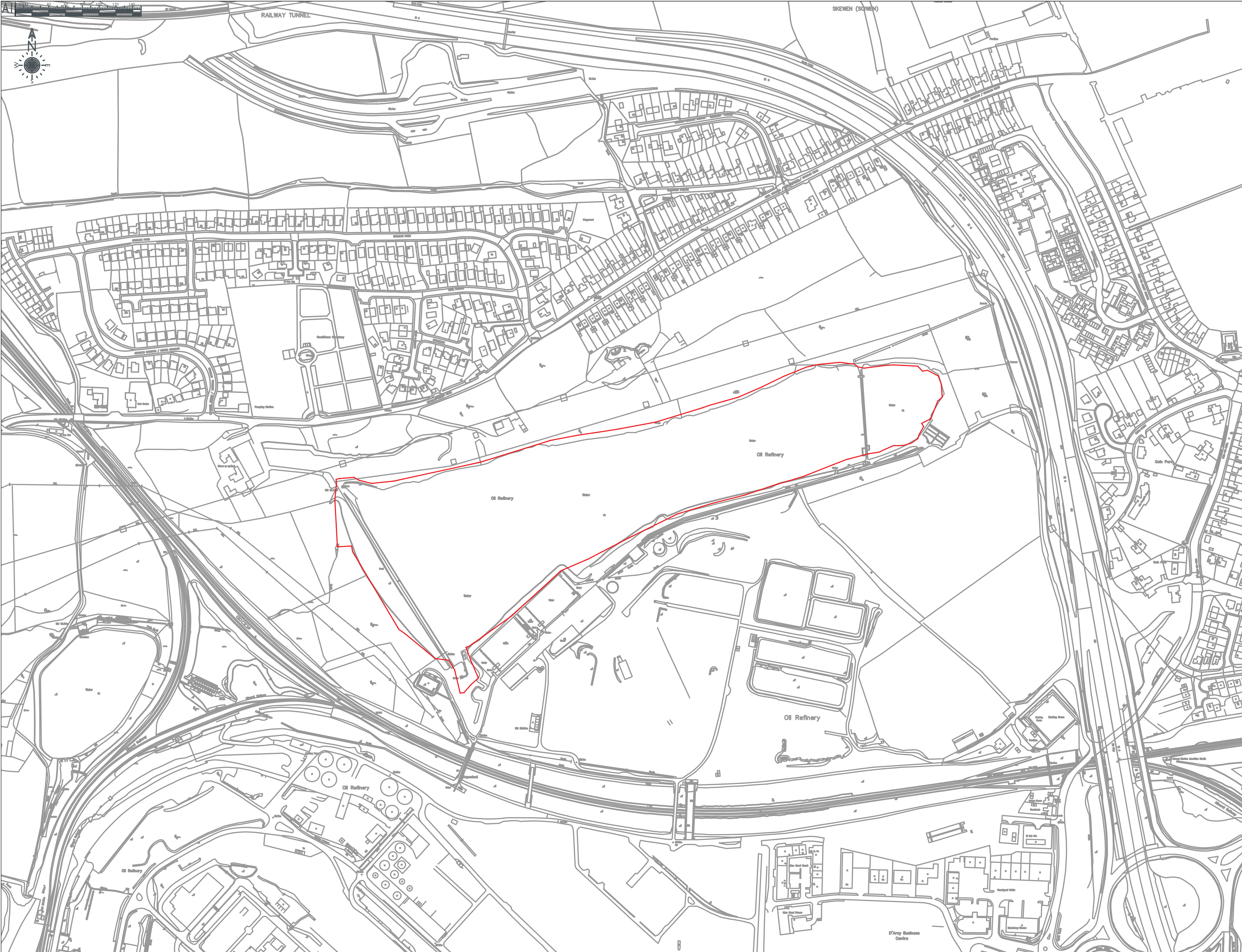
8.4 Surface Water Quality Monitoring

It is anticipated that remediation and/or removal of contaminated basal sediments will improve the surface water quality. Continued monitoring of the water quality will identify trends over time as the proposed central stream becomes established and vegetation cover increases. Laboratory analytical suites will be agreed with the relevant regulatory body and the findings discussed at regular intervals.

Surface water discharge will continue to be via the main site outfall to the River Neath until the surface water quality is sufficient to demonstrate that there will be no unacceptable risks to the downstream surface water and ecological receptors.

Attenuation features and passive remediation techniques will be considered as necessary.

Drawings



NOTES
These drawings have been produced with reference to the CDM Regulations 2015. Please note that these are pre-construction phase drawings and should be subject to further design risk management as required in accordance with Regulation 9

REV	DATE	REVISION NOTE	BY



CLIENT

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Exeter - London - Reading
pja.co.uk

St. Modwen

PROJECT
North Site
Reservoir
Coed Darcy

DRAWING TITLE
Site
Boundary
Plan

DRAWING ISSUE STATUS

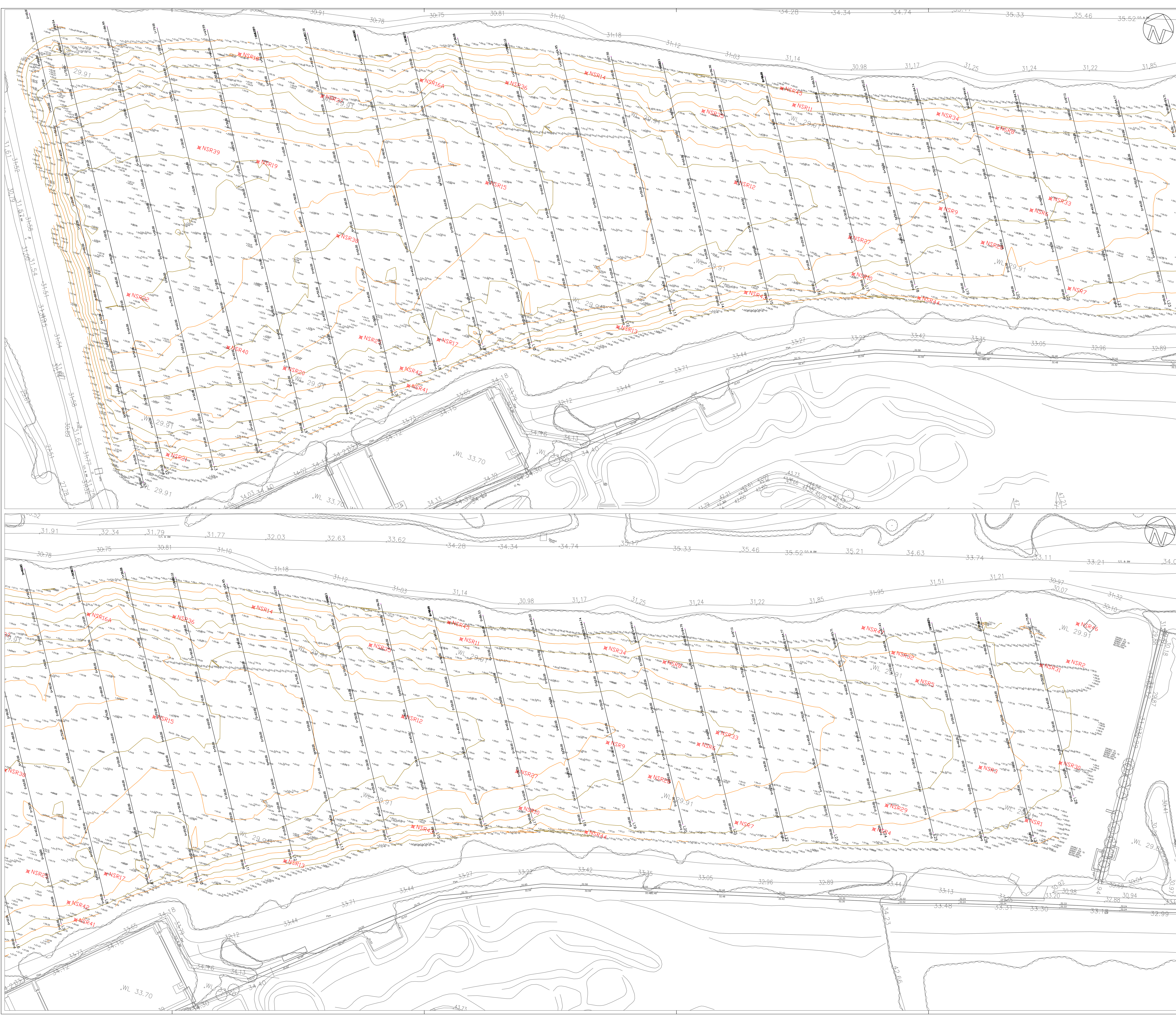
PJA JOB No.	SUB-CODE	DRAWING NO.	REVISION
4020	- 1 -	001	- P0

Revision Letter: P - Prelim / A - Approval / T - Tender / C - Construction
BIM DRAWING REFERENCE

INFORMATION

SCALE	DRAWN	REVIEWED	DATE
A1 @ 1:2000	BAI	CRS	25/04/2023

Appendix A Bathymetric Survey

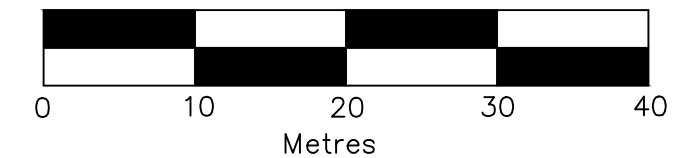


Bathymetric Survey

North Site Reservoir, Coed Darcy, Llandarcy

Sheet 1 of 1
October 2010

Scale
1:500



Horizontal Datum: OS National Grid (OSTN02)
Vertical Datum: ODN (OSGM02)
Units: Metres

- ✱ NSR10 Borehole location
- ✱ 101.84 Spot Level
- Major Contour 1m Interval
- Minor Contour 0.5m Interval

SURVEY NOTES
Equipment used:
1. Celestial dual frequency echo sounder - 200 KHz & 30KHz
• Vp = 1462 m/s (fresh water)
2. SyQuest StrataPlus sub bottom profiler - 10KHz
• Vp = 1500 m/s (fresh water)

Ordnance Survey MasterMap data and topographic survey plan was provided by Prosurv
Water level at time of survey was 29.7m

At the request of the Client Ordnance Survey MasterMap data has been incorporated into this drawing.

Ordnance Survey national mapping data is produced at a scale of 1:1250 with a "claimed" accuracy of +/- 0.5m RMS. Some divergence of topographic data sets will be noted. The Ordnance Survey MasterMap data is therefore included for general information purposes only and it should be noted that this does not meet the general accuracy requirement for a plot at this scale 1:500

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Prepared for: **St Modwen Developments Ltd**
c/o Prosurv Consult Limited
St Stanley Gorge House
7 Ridgeway
Quinton Business Park, Quinton
Birmingham B24 1AF

Surveyed by: M. Berry, C. Whitley
Date: 19th, 20th & 21st October 2010

Drawing No	Rev	Date	Description	Filename	Drawn By	Check By	Approved By
1008-200-1_Bathy	1	01/11/2010	Reservoir	1008_0.dwg	CWH	MB	MB

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Appendix B Landmark Envirocheck Report

Envirocheck[®] Report:

Datasheet

Order Details:

Order Number:

283848248_1_1

Customer Reference:

05474 - Coed Darcy

National Grid Reference:

270480, 195220

Slice:

A

Site Area (Ha):

131.44

Search Buffer (m):

1000

Site Details:

Site at 271220, 195880

Client Details:

Mr L Clark
PJA Civil Engineering Ltd
Seven House
High Street
Longbridge
Birmingham
B31 2UQ

Report Section	Page Number
Summary	-
Agency & Hydrological	1
Waste	45
Hazardous Substances	-
Geological	51
Industrial Land Use	72
Sensitive Land Use	78
Data Currency	81
Data Suppliers	87
Useful Contacts	88

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 this 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 v53.0

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 8	2	18	1	17
Prosecutions Relating to Controlled Waters			n/a	n/a	n/a
Enforcement and Prohibition Notices					
Integrated Pollution Controls					
Integrated Pollution Prevention And Control					
Local Authority Integrated Pollution Prevention And Control					
Local Authority Pollution Prevention and Controls	pg 17	6	1		
Local Authority Pollution Prevention and Control Enforcements					
Nearest Surface Water Feature		Yes			
Pollution Incidents to Controlled Waters	pg 18	3	4		3
Prosecutions Relating to Authorised Processes					
Registered Radioactive Substances					
River Quality					
River Quality Biology Sampling Points					
River Quality Chemistry Sampling Points					
Substantiated Pollution Incident Register	pg 20	1			
Water Abstractions	pg 20	5			5
Water Industry Act Referrals					
Groundwater Vulnerability Map	pg 22	Yes	n/a	n/a	n/a
Bedrock Aquifer Designations	pg 25	Yes	n/a	n/a	n/a
Superficial Aquifer Designations	pg 25	Yes	n/a	n/a	n/a
Source Protection Zones					
Extreme Flooding from Rivers or Sea without Defences	pg 26	Yes		n/a	n/a
Flooding from Rivers or Sea without Defences	pg 26	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
OS Water Network Lines	pg 26	51	49	12	54

Data Type	Page Number	On Site	0 to 250m	251 to 500m	501 to 1000m (*up to 2000m)
Waste					
BGS Recorded Landfill Sites					
Historical Landfill Sites					
Integrated Pollution Control Registered Waste Sites					
Licensed Waste Management Facilities (Landfill Boundaries)	pg 45	1			
Licensed Waste Management Facilities (Locations)	pg 45	6	1		
Local Authority Landfill Coverage		1	n/a	n/a	n/a
Local Authority Recorded Landfill Sites	pg 46	1			
Potentially Infilled Land (Non-Water)	pg 46	4	1	2	10
Potentially Infilled Land (Water)	pg 47	10			2
Registered Landfill Sites	pg 48	4			
Registered Waste Transfer Sites					
Registered Waste Treatment or Disposal Sites	pg 50	1			
Hazardous Substances					
Control of Major Accident Hazards Sites (COMAH)					
Explosive Sites					
Notification of Installations Handling Hazardous Substances (NIHHS)					
Planning Hazardous Substance Consents					
Planning Hazardous Substance Enforcements					

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 51	Yes	n/a	n/a	n/a
BGS Estimated Soil Chemistry	pg 51	Yes	Yes	Yes	Yes
BGS Recorded Mineral Sites	pg 64	3	2	3	10
BGS Urban Soil Chemistry	pg 67				Yes
BGS Urban Soil Chemistry Averages	pg 67	Yes			
CBSCB Compensation District			n/a	n/a	n/a
Coal Mining Affected Areas	pg 67	Yes	n/a	n/a	n/a
Mining Instability	pg 67	Yes	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	pg 67	Yes	Yes	n/a	n/a
Potential for Compressible Ground Stability Hazards	pg 68	Yes	Yes	n/a	n/a
Potential for Ground Dissolution Stability Hazards				n/a	n/a
Potential for Landslide Ground Stability Hazards	pg 69	Yes	Yes	n/a	n/a
Potential for Running Sand Ground Stability Hazards	pg 70	Yes	Yes	n/a	n/a
Potential for Shrinking or Swelling Clay Ground Stability Hazards	pg 70	Yes	Yes	n/a	n/a
Radon Potential - Radon Affected Areas	pg 71	Yes	n/a	n/a	n/a
Radon Potential - Radon Protection Measures	pg 71	Yes	n/a	n/a	n/a
Industrial Land Use					
Contemporary Trade Directory Entries	pg 72	16	3		2
Fuel Station Entries					
Points of Interest - Commercial Services	pg 73	1			
Points of Interest - Education and Health					
Points of Interest - Manufacturing and Production	pg 73	7	9	11	5
Points of Interest - Public Infrastructure	pg 76	2	1	1	
Points of Interest - Recreational and Environmental	pg 76		2		
Gas Pipelines					
Underground Electrical Cables					

Data Type	Page Number	On Site	0 to 250m	251 to 500m	501 to 1000m (*up to 2000m)
Sensitive Land Use					
Ancient Woodland	pg 78	3	5	6	11
Areas of Adopted Green Belt					
Areas of Unadopted Green Belt					
Areas of Outstanding Natural Beauty					
Environmentally Sensitive Areas					
Forest Parks					
Local Nature Reserves	pg 79				1
Marine Nature Reserves					
National Nature Reserves	pg 79		1		
National Parks					
Nitrate Sensitive Areas					
Nitrate Vulnerable Zones					
Ramsar Sites	pg 80		1		
Sites of Special Scientific Interest	pg 80	1			1
Special Areas of Conservation	pg 80	1			
Special Protection Areas					
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 to Occur at Surface	(E)	0	1	271850 195500
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	A11NW (NE)	0	1	270550 195250
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	A11NW (NE)	0	1	270550 195350
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	A11NE (NE)	0	1	270850 195400
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	A11NW (SW)	0	1	270484 195216
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	A12SW (E)	0	1	271200 195100
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	A11NE (E)	0	1	270900 195300
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding to Occur at Surface	A11NW (NE)	0	1	270600 195350
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	A11NE (E)	0	1	270950 195250
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	A11SE (E)	0	1	270900 195150
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	A15SW (N)	0	1	270600 195650
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	(E)	0	1	271850 195650
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	A15NE (NE)	0	1	270800 195950
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	A16NE (NE)	0	1	271550 195950
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding to Occur at Surface	A16NE (NE)	0	1	271600 195950
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	A16NE (NE)	0	1	271650 195950
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	(NE)	0	1	271750 195950
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	(NE)	0	1	271800 195950
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	A16NE (NE)	0	1	271600 196000
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	A16NE (NE)	0	1	271700 196150
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding to Occur at Surface	A11NW (N)	0	1	270550 195500
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	A11NW (N)	0	1	270600 195500

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	A11NW (NE)	0	1	270650 195500
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	A11NW (N)	0	1	270500 195450
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	A11NW (NE)	0	1	270600 195450
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	A11NE (NE)	0	1	270750 195450
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	A11NE (NE)	0	1	270800 195500
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	A12NW (E)	0	1	271200 195450
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	A15NW (N)	0	1	270650 196000
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	A15NE (N)	0	1	270750 196000
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	(NE)	0	1	271900 196000
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	(NE)	0	1	271950 196000
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	(NE)	0	1	272050 196000
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	(N)	0	1	270800 196350
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	(NE)	0	1	272000 196350
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding to Occur at Surface	A15NW (N)	0	1	270650 196100
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	A16NE (NE)	0	1	271450 196150
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	(NE)	0	1	271800 196100
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	(NE)	0	1	271850 196100
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding to Occur at Surface	(NE)	0	1	271750 196150
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	A16NW (NE)	0	1	271300 196200
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	(NE)	0	1	271800 196200
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	A15SE (NE)	0	1	270950 195750
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	A15SE (NE)	0	1	271000 195800

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	A16SW (NE)	0	1	271200 195800
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	(E)	0	1	271950 195800
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	A15NW (N)	0	1	270700 196050
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	(NE)	0	1	271850 196050
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	(NE)	0	1	272000 196050
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	(NE)	0	1	272050 196050
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	(NE)	0	1	271950 196300
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	A15SW (N)	0	1	270600 195600
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	(E)	0	1	271800 195600
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	A15NW (N)	0	1	270650 195900
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	A16NE (NE)	0	1	271450 195900
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	A16NE (NE)	0	1	271500 195900
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	A16NE (NE)	0	1	271600 195900
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	(NE)	0	1	272050 195900
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	(N)	0	1	270800 196250
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	(NE)	0	1	271200 196250
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	(NE)	0	1	271850 196250
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	(NE)	0	1	271900 196250
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	(NE)	0	1	272050 196250
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	(E)	0	1	271850 195700
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	A16SW (NE)	0	1	271350 195850
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	A11NW (NE)	2	1	270700 195450

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	(NE)	2	1	272000 196500
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	(E)	4	1	271950 195750
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding to Occur at Surface	(NE)	8	1	272100 196000
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	A11NE (NE)	14	1	270800 195400
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	A15NW (N)	14	1	270650 196200
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	A11NE (E)	15	1	270850 195350
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	(NE)	15	1	272050 196100
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	A11NE (NE)	27	1	270750 195350
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	(NE)	27	1	272050 196400
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding to Occur at Surface	(NE)	33	1	272100 196200
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	(E)	37	1	271800 195500
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	(NE)	41	1	272100 196100
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	(E)	41	1	272000 195800
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	A12SW (E)	47	1	271250 195050
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	A12NE (E)	53	1	271650 195500
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	(NE)	58	1	272150 196000
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding to Occur at Surface	(E)	58	1	272150 195900
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	A11NE (NE)	63	1	270800 195350
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	(NE)	71	1	272100 196350
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	(NE)	74	1	271150 196450
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	(E)	76	1	272200 195900
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	A11NE (E)	80	1	270850 195300

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	A11SE (SE)	85	1	270950 195000
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	A12NE (E)	96	1	271550 195400
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	(E)	101	1	272100 195800
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	(E)	102	1	272050 195750
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	A12SW (E)	118	1	271300 195000
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding to Occur at Surface	(NE)	133	1	272200 196200
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	(E)	135	1	271850 195450
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	(NE)	139	1	272200 196100
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding to Occur at Surface	(NE)	140	1	272200 196300
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding to Occur at Surface	(NE)	143	1	272200 196150
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding to Occur at Surface	(E)	148	1	272200 195800
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	(E)	151	1	272100 195750
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding to Occur at Surface	(NE)	158	1	272250 195950
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	A12NE (E)	162	1	271700 195450
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	A12NE (E)	171	1	271650 195400
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	A11SE (SE)	179	1	270850 195000
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	(NE)	183	1	272250 196200
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	(NE)	188	1	272250 196300
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	(E)	189	1	271900 195400
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	(NE)	190	1	272250 196150
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	(E)	199	1	272150 195750
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	A11SW (S)	202	1	270484 195000

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	A12SW (E)	227	1	271400 194950
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	(E)	228	1	272200 195750
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	(NE)	233	1	272300 196200
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	(E)	239	1	271900 195350
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	(N)	246	1	270500 196450
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	(E)	252	1	271950 195350
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding to Occur at Surface	(NE)	277	1	272350 196100
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding to Occur at Surface	(NE)	283	1	272350 196150
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	(NE)	292	1	272300 196500
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	(E)	299	1	271950 195300
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	A14SW (NW)	305	1	269800 195650
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	A10SW (SW)	306	1	270050 194900
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	A14SW (NW)	327	1	269750 195600
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding to Occur at Surface	(N)	344	1	270400 196350
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	(E)	347	1	271950 195216
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	A14SW (NW)	348	1	269750 195650
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	(N)	357	1	270050 196300
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	(E)	363	1	272000 195216
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	(E)	396	1	272350 195650
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	A7NE (SE)	410	1	270900 194750
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	A13SE (W)	410	1	269650 195550
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	A14NW (NW)	419	1	269900 195900

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	A7NE (SE)	425	1	270850 194750
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	(N)	426	1	270400 196550
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	(E)	430	1	272350 195600
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	A12SE (E)	442	1	271700 195000
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding to Occur at Surface	A13SE (W)	460	1	269600 195550
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	A14NW (NW)	461	1	269900 195950
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	A6NW (SW)	463	1	270000 194750
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	(E)	467	1	272400 195600
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	(N)	469	1	270250 196300
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	(E)	475	1	272050 195200
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	A13SE (NW)	476	1	269700 195800
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	(E)	477	1	272200 195250
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	A14SW (NW)	477	1	269750 195850
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	A14NW (NW)	481	1	269800 195900
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	(E)	482	1	272150 195216
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	A8NW (SE)	487	1	271100 194550
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	A14NW (NW)	489	1	269850 195950
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	A7NE (SE)	491	1	270800 194700
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	(E)	493	1	271950 195150

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
1	Discharge Consents Operator: D'Arcy Developments Ltd Property Type: Not Supplied Location: Land At Contractors Yard Tann Farm, Tann Farm Road Llandarcy Neath Authority: Natural Resources Wales Catchment Area: Not Given Reference: BP0160801 Permit Version: 1 Effective Date: 14th June 1990 Issued Date: 14th June 1990 Revocation Date: Not Supplied Discharge Type: Not Supplied Discharge: Freshwater Stream/River Environment: Receiving Water: Unnamed Stream Status: Effective Positional Accuracy: Located by supplier to within 100m	A11NE (E)	0	2	271000 195300
2	Discharge Consents Operator: Bp Oil Llandarcy Refinery Ltd Property Type: Mineral Oil Processing Location: Outlet No. 4 Llandar Authority: Natural Resources Wales Catchment Area: River Tawe Reference: Bm0011304 Permit Version: 1 Effective Date: 24th November 1980 Issued Date: 24th November 1980 Revocation Date: 8th February 1994 Discharge Type: Trade Effluent Discharge: Not Supplied Environment: Receiving Water: Crymlyn Bog Status: Revoked and replaced by IPC Authorisation Positional Accuracy: Located by supplier to within 100m	A10NE (NW)	0	2	270100 195400
2	Discharge Consents Operator: St Modwen Developments Property Type: General Construction Work Location: Treatment System@Coed Darcy Llandar, Coed Darcy, Llandarcy, Neath, Swansea, Sa10 6hj Authority: Natural Resources Wales Catchment Area: Not Supplied Reference: Eprlb3293hn Permit Version: 1 Effective Date: 25th March 2014 Issued Date: 25th March 2014 Revocation Date: Not Supplied Discharge Type: Trade Discharges - Site Drainage Discharge: Freshwater Stream/River Environment: Receiving Water: Crymlyn Brook And Crymlyn Bog Status: New issued under EPR 2010 Positional Accuracy: Located by supplier to within 10m	A10NW (NW)	6	2	270050 195400
2	Discharge Consents Operator: St Modwen Developments Property Type: General Construction Work Location: Treatment System@Coed Darcy Llandar, Coed Darcy, Llandarcy, Neath, Swansea, Sa10 6hj Authority: Natural Resources Wales Catchment Area: CRYMLYN BROOK - HW TO CONF WITH TENNANT CANAL Reference: Lb3293hn Permit Version: 1 Effective Date: 25th March 2014 Issued Date: 25th March 2014 Revocation Date: Not Supplied Discharge Type: Trade Discharges - Site Drainage Discharge: Freshwater Stream/River Environment: Receiving Water: Crymlyn Brook And Crymlyn Bog Status: Effective Positional Accuracy: Located by supplier to within 10m	A10NW (NW)	6	2	270050 195400

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
2	Discharge Consents Operator: St Modwen Developments Property Type: General Construction Work Location: Treatment System@Coed Darcy Llandar, Coed Darcy, Llandarcy, Neath, Swansea, Sa10 6hj Authority: Natural Resources Wales Catchment Area: CRYMLYN BROOK - HW TO CONF WITH TENNANT CANAL Reference: Lb3293hn Permit Version: 1 Effective Date: 25th March 2014 Issued Date: 25th March 2014 Revocation Date: Not Supplied Discharge Type: Trade Discharges - Site Drainage Discharge: Freshwater Stream/River Environment: Receiving Water: Crymlyn Brook And Crymlyn Bog Status: Effective Positional Accuracy: Located by supplier to within 10m	A10NW (NW)	6	2	270050 195400
2	Discharge Consents Operator: St Modwen Developments Property Type: General Construction Work Location: Treatment System@Coed Darcy Llandar, Coed Darcy, Llandarcy, Neath, Swansea, Sa10 6hj Authority: Natural Resources Wales Catchment Area: CRYMLYN BROOK - HW TO CONF WITH TENNANT CANAL Reference: Lb3293hn Permit Version: 1 Effective Date: 25th March 2014 Issued Date: 25th March 2014 Revocation Date: Not Supplied Discharge Type: Trade Discharges - Site Drainage Discharge: Freshwater Stream/River Environment: Receiving Water: Crymlyn Brook And Crymlyn Bog Status: Effective Positional Accuracy: Located by supplier to within 10m	A10NW (NW)	6	2	270050 195400
2	Discharge Consents Operator: St Modwen Developments Property Type: General Construction Work Location: Treatment System@Coed Darcy Llandar, Coed Darcy, Llandarcy, Neath, Swansea, Sa10 6hj Authority: Natural Resources Wales Catchment Area: CRYMLYN BROOK - HW TO CONF WITH TENNANT CANAL Reference: Lb3293hn Permit Version: 1 Effective Date: 25th March 2014 Issued Date: 25th March 2014 Revocation Date: Not Supplied Discharge Type: Trade Discharges - Site Drainage Discharge: Freshwater Stream/River Environment: Receiving Water: Crymlyn Brook And Crymlyn Bog Status: Effective Positional Accuracy: Located by supplier to within 10m	A10NW (NW)	6	2	270050 195400
2	Discharge Consents Operator: St. Modwen Developments Limited Property Type: General Construction Work Location: Treatment System@Coed Darcy Llandar, Coed Darcy, Llandarcy, Neath, Swansea, Sa10 6hj Authority: Natural Resources Wales Catchment Area: CRYMLYN BROOK - HW TO CONF WITH TENNANT CANAL Reference: Lb3293hn Permit Version: 1 Effective Date: 25th March 2014 Issued Date: 25th March 2014 Revocation Date: Not Supplied Discharge Type: Trade Discharges - Site Drainage Discharge: Freshwater Stream/River Environment: Receiving Water: Crymlyn Brook And Crymlyn Bog Status: Effective Positional Accuracy: Located by supplier to within 10m	A10NW (NW)	6	2	270050 195400

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
2	Discharge Consents Operator: St. Modwen Developments Limited Property Type: Mineral Oil Processing Location: Pt W3 Bp Oil Llandarcy Refinery, Llandarcy, Neath, Sa10 6hj Authority: Natural Resources Wales Catchment Area: River Tawe Reference: Bp027920101 Permit Version: 1 Effective Date: 2nd November 1999 Issued Date: 2nd November 1999 Revocation Date: 25th March 2014 Discharge Type: Trade Discharges - Site Drainage Discharge: Freshwater Stream/River Environment: Receiving Water: Crymlyn Bog Status: New issued under EPR 2010 Positional Accuracy: Located by supplier to within 10m	A10NW (NW)	6	2	270050 195400
3	Discharge Consents Operator: Bp Oil Llandarcy Refinery Ltd Property Type: Undefined Or Other Location: Uk Crude Sidings Septic Tank Bp Lla, Septic Tank Bp Llandarcy Authority: Natural Resources Wales Catchment Area: Not Supplied Reference: Bf0187901 Permit Version: 1 Effective Date: 2nd February 1978 Issued Date: 2nd February 1978 Revocation Date: 7th July 1995 Discharge Type: Unspecified Discharge: Not Supplied Environment: Receiving Water: Crymlyn Brook Status: Consent expired Positional Accuracy: Located by supplier to within 100m	A11NW (E)	90	2	270700 195300
4	Discharge Consents Operator: St. Modwen Developments Limited Property Type: Mineral Oil Processing Location: Pt W5 Bp Oil Llandarcy Refinery, Llandarcy, Neath, Sa10 6hj Authority: Natural Resources Wales Catchment Area: River Tawe Reference: Bp027940101 Permit Version: 1 Effective Date: 2nd November 1999 Issued Date: 2nd November 1999 Revocation Date: Not Supplied Discharge Type: Trade Discharges - Site Drainage Discharge: Freshwater Stream/River Environment: Receiving Water: Unnamed Trib Of River Neath 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	A12NE (E)	105	2	271600 195501
4	Discharge Consents Operator: St. Modwen Developments Limited Property Type: Not Supplied Location: Pt W5 Bp Oil Llandarcy Refinery, Llandarcy, Neath, Sa10 6hj Authority: Natural Resources Wales Catchment Area: Not Supplied Reference: Bp0279401 Permit Version: 1 Effective Date: 2nd November 1999 Issued Date: 2nd November 1999 Revocation Date: Not Supplied Discharge Type: Trade Discharges - Site Drainage Discharge: Freshwater Stream/River Environment: Receiving Water: Unnamed Trib Of River Neath Status: Effective Positional Accuracy: Located by supplier to within 10m	A12NE (E)	105	2	271600 195501

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
4	Discharge Consents Operator: Bp Oil Llandarcy Refinery Ltd Property Type: Mineral Oil Processing Location: Outlet No. 6 Llanda Authority: Natural Resources Wales Catchment Area: River Neath Reference: Bm0011306 Permit Version: 1 Effective Date: 24th November 1980 Issued Date: 24th November 1980 Revocation Date: 8th February 1994 Discharge Type: Trade Effluent Discharge: Not Supplied Environment: Receiving Water: Unnamed Trib Through Llandarcy Status: Revoked and replaced by IPC Authorisation Positional Accuracy: Located by supplier to within 100m	A12NE (E)	105	2	271600 195500
5	Discharge Consents Operator: St Modwen Developments Property Type: General Construction Work Location: Treatment System@Coed Darcy Llandar, Coed Darcy, Llandarcy, Neath, Swansea, Sa10 6hj Authority: Natural Resources Wales Catchment Area: Not Supplied Reference: Eprlb3293hn Permit Version: 1 Effective Date: 25th March 2014 Issued Date: 25th March 2014 Revocation Date: Not Supplied Discharge Type: Trade Discharges - Site Drainage Discharge: Freshwater Stream/River Environment: Receiving Water: Crymlyn Brook And Crymlyn Bog Status: New issued under EPR 2010 Positional Accuracy: Located by supplier to within 100m	A14SE (N)	183	2	270300 195800
5	Discharge Consents Operator: St Modwen Developments Property Type: General Construction Work Location: Treatment System@Coed Darcy Llandar, Coed Darcy, Llandarcy, Neath, Swansea, Sa10 6hj Authority: Natural Resources Wales Catchment Area: CRYMLYN BROOK - HW TO CONF WITH TENNANT CANAL Reference: Lb3293hn Permit Version: 1 Effective Date: 25th March 2014 Issued Date: 25th March 2014 Revocation Date: Not Supplied Discharge Type: Trade Discharges - Site Drainage Discharge: Freshwater Stream/River Environment: Receiving Water: Crymlyn Brook And Crymlyn Bog Status: Effective Positional Accuracy: Located by supplier to within 100m	A14SE (N)	183	2	270300 195800
5	Discharge Consents Operator: St Modwen Developments Property Type: General Construction Work Location: Treatment System@Coed Darcy Llandar, Coed Darcy, Llandarcy, Neath, Swansea, Sa10 6hj Authority: Natural Resources Wales Catchment Area: CRYMLYN BROOK - HW TO CONF WITH TENNANT CANAL Reference: Lb3293hn Permit Version: 1 Effective Date: 25th March 2014 Issued Date: 25th March 2014 Revocation Date: Not Supplied Discharge Type: Trade Discharges - Site Drainage Discharge: Freshwater Stream/River Environment: Receiving Water: Crymlyn Brook And Crymlyn Bog Status: Effective Positional Accuracy: Located by supplier to within 100m	A14SE (N)	183	2	270300 195800

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
5	Discharge Consents Operator: St Modwen Developments Property Type: General Construction Work Location: Treatment System@Coed Darcy Llandar, Coed Darcy, Llandarcy, Neath, Swansea, Sa10 6hj Authority: Natural Resources Wales Catchment Area: CRYMLYN BROOK - HW TO CONF WITH TENNANT CANAL Reference: Lb3293hn Permit Version: 1 Effective Date: 25th March 2014 Issued Date: 25th March 2014 Revocation Date: Not Supplied Discharge Type: Trade Discharges - Site Drainage Discharge: Freshwater Stream/River Environment: Receiving Water: Crymlyn Brook And Crymlyn Bog Status: Effective Positional Accuracy: Located by supplier to within 100m	A14SE (N)	183	2	270300 195800
5	Discharge Consents Operator: St Modwen Developments Property Type: General Construction Work Location: Treatment System@Coed Darcy Llandar, Coed Darcy, Llandarcy, Neath, Swansea, Sa10 6hj Authority: Natural Resources Wales Catchment Area: CRYMLYN BROOK - HW TO CONF WITH TENNANT CANAL Reference: Lb3293hn Permit Version: 1 Effective Date: 25th March 2014 Issued Date: 25th March 2014 Revocation Date: Not Supplied Discharge Type: Trade Discharges - Site Drainage Discharge: Freshwater Stream/River Environment: Receiving Water: Crymlyn Brook And Crymlyn Bog Status: Effective Positional Accuracy: Located by supplier to within 100m	A14SE (N)	183	2	270300 195800
5	Discharge Consents Operator: St. Modwen Developments Limited Property Type: General Construction Work Location: Treatment System@Coed Darcy Llandar, Coed Darcy, Llandarcy, Neath, Swansea, Sa10 6hj Authority: Natural Resources Wales Catchment Area: CRYMLYN BROOK - HW TO CONF WITH TENNANT CANAL Reference: Lb3293hn Permit Version: 1 Effective Date: 25th March 2014 Issued Date: 25th March 2014 Revocation Date: Not Supplied Discharge Type: Trade Discharges - Site Drainage Discharge: Freshwater Stream/River Environment: Receiving Water: Crymlyn Brook And Crymlyn Bog Status: Effective Positional Accuracy: Located by supplier to within 100m	A14SE (N)	183	2	270300 195800
5	Discharge Consents Operator: St. Modwen Developments Limited Property Type: Mineral Oil Processing Location: Pt W2 Bp Oil Llandarcy Refinery, Llandarcy, Neath, Sa10 6hj Authority: Natural Resources Wales Catchment Area: River Tawe Reference: Bp027910101 Permit Version: 1 Effective Date: 2nd November 1999 Issued Date: 2nd November 1999 Revocation Date: 25th March 2014 Discharge Type: Trade Discharges - Site Drainage Discharge: Freshwater Stream/River Environment: Receiving Water: Crymlyn Brook Status: New issued under EPR 2010 Positional Accuracy: Located by supplier to within 100m	A14SE (N)	183	2	270300 195800

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
6	Discharge Consents Operator: Bp Oil Llandarcy Refinery Ltd Property Type: Mineral Oil Processing Location: Outlet No. 3 Llandar Authority: Natural Resources Wales Catchment Area: River Tawe Reference: Bm0011303 Permit Version: 1 Effective Date: 24th November 1980 Issued Date: 24th November 1980 Revocation Date: 8th February 1994 Discharge Type: Trade Effluent Discharge: Not Supplied Environment: Receiving Water: Drainage Ditch Flowing To Crym Status: Revoked and replaced by IPC Authorisation Positional Accuracy: Located by supplier to within 100m	A14NE (N)	281	2	270300 195900
7	Discharge Consents Operator: St Modwen Developments Property Type: General Construction Work Location: Treatment System@Coed Darcy Llandar, Coed Darcy, Llandarcy, Neath, Swansea, Sa10 6hj Authority: Natural Resources Wales Catchment Area: CRYMLYN BROOK - HW TO CONF WITH TENNANT CANAL Reference: Lb3293hn Permit Version: 1 Effective Date: 25th March 2014 Issued Date: 25th March 2014 Revocation Date: Not Supplied Discharge Type: Trade Discharges - Site Drainage Discharge: Freshwater Stream/River Environment: Receiving Water: Crymlyn Brook And Crymlyn Bog Status: Effective Positional Accuracy: Located by supplier to within 100m	A6NW (SW)	540	2	269900 194700
7	Discharge Consents Operator: St Modwen Developments Property Type: General Construction Work Location: Treatment System@Coed Darcy Llandar, Coed Darcy, Llandarcy, Neath, Swansea, Sa10 6hj Authority: Natural Resources Wales Catchment Area: CRYMLYN BROOK - HW TO CONF WITH TENNANT CANAL Reference: Lb3293hn Permit Version: 1 Effective Date: 25th March 2014 Issued Date: 25th March 2014 Revocation Date: Not Supplied Discharge Type: Trade Discharges - Site Drainage Discharge: Freshwater Stream/River Environment: Receiving Water: Crymlyn Brook And Crymlyn Bog Status: Effective Positional Accuracy: Located by supplier to within 100m	A6NW (SW)	540	2	269900 194700
7	Discharge Consents Operator: St Modwen Developments Property Type: General Construction Work Location: Treatment System@Coed Darcy Llandar, Coed Darcy, Llandarcy, Neath, Swansea, Sa10 6hj Authority: Natural Resources Wales Catchment Area: CRYMLYN BROOK - HW TO CONF WITH TENNANT CANAL Reference: Lb3293hn Permit Version: 1 Effective Date: 25th March 2014 Issued Date: 25th March 2014 Revocation Date: Not Supplied Discharge Type: Trade Discharges - Site Drainage Discharge: Freshwater Stream/River Environment: Receiving Water: Crymlyn Brook And Crymlyn Bog Status: Effective Positional Accuracy: Located by supplier to within 100m	A6NW (SW)	540	2	269900 194700

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
7	Discharge Consents Operator: St Modwen Developments Property Type: General Construction Work Location: Treatment System@Coed Darcy Llandar, Coed Darcy, Llandarcy, Neath, Swansea, Sa10 6hj Authority: Natural Resources Wales Catchment Area: CRYMLYN BROOK - HW TO CONF WITH TENNANT CANAL Reference: Lb3293hn Permit Version: 1 Effective Date: 25th March 2014 Issued Date: 25th March 2014 Revocation Date: Not Supplied Discharge Type: Trade Discharges - Site Drainage Discharge: Freshwater Stream/River Environment: Receiving Water: Crymlyn Brook And Crymlyn Bog Status: Effective Positional Accuracy: Located by supplier to within 100m	A6NW (SW)	540	2	269900 194700
7	Discharge Consents Operator: St. Modwen Developments Limited Property Type: General Construction Work Location: Treatment System@Coed Darcy Llandar, Coed Darcy, Llandarcy, Neath, Swansea, Sa10 6hj Authority: Natural Resources Wales Catchment Area: CRYMLYN BROOK - HW TO CONF WITH TENNANT CANAL Reference: Lb3293hn Permit Version: 1 Effective Date: 25th March 2014 Issued Date: 25th March 2014 Revocation Date: Not Supplied Discharge Type: Trade Discharges - Site Drainage Discharge: Freshwater Stream/River Environment: Receiving Water: Crymlyn Brook And Crymlyn Bog Status: Effective Positional Accuracy: Located by supplier to within 100m	A6NW (SW)	540	2	269900 194700
7	Discharge Consents Operator: St. Modwen Developments Limited Property Type: Mineral Oil Processing Location: Pt W4 Bp Oil Llandarcy Refinery, Pt W4 Bp Oil Llandarcy Refinery, Llandarcy, Neath, Sa10 6hj Authority: Natural Resources Wales Catchment Area: River Tawe Reference: Bp027930101 Permit Version: 1 Effective Date: 2nd November 1999 Issued Date: 2nd November 1999 Revocation Date: 25th March 2014 Discharge Type: Trade Discharges - Site Drainage Discharge: Freshwater Stream/River Environment: Receiving Water: Crymlyn Bog Status: New issued under EPR 2010 Positional Accuracy: Located by supplier to within 100m	A6NW (SW)	540	2	269900 194700
7	Discharge Consents Operator: Bp Oil Llandarcy Refinery Ltd Property Type: Mineral Oil Processing Location: Outlet No. 5 Llandar Authority: Natural Resources Wales Catchment Area: River Tawe Reference: Bm0011305 Permit Version: 1 Effective Date: 24th November 1980 Issued Date: 24th November 1980 Revocation Date: 8th February 1994 Discharge Type: Trade Effluent Discharge: Not Supplied Environment: Receiving Water: Crymlyn Bog Status: Revoked and replaced by IPC Authorisation Positional Accuracy: Located by supplier to within 100m	A6NW (SW)	540	2	269900 194700

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
8	Discharge Consents Operator: Dwr Cymru Cyfyngedig Property Type: Sewerage Network - Sewers - Water Company Location: Halfway Scheme Swansea Emergency O, Swansea Emergency Overflow Authority: Natural Resources Wales Catchment Area: Not Given Reference: BC0017901 Permit Version: 1 Effective Date: 1st April 1963 Issued Date: 1st April 1963 Revocation Date: 20th May 2010 Discharge Type: Public Sewage: Storm Sewage Overflow Discharge: Freshwater Stream/River Environment: Receiving Water: Glan-Y-Wern Canal @ Crymlyn Bo Status: Surrendered under EPR 2010 Positional Accuracy: Located by supplier to within 100m	A13SE (W)	556	2	269500 195530
9	Discharge Consents Operator: Dwr Cymru Cyfyngedig Property Type: Sewerage Network - Pumping Staions Location: Sso. Halfway Crymlyn Road P.S. Pent, Crymlyn Road P.S. Pentre Dwr Authority: Natural Resources Wales Catchment Area: CRYMLYN BROOK - HW TO CONF WITH TENNANT CANAL Reference: Bw4101101 Permit Version: 2 Effective Date: 31st March 2010 Issued Date: 2nd February 2010 Revocation Date: Not Supplied Discharge Type: Sewage Discharges - Stw Storm Overflow/Storm Tank - Water Company Discharge: Freshwater Stream/River Environment: Receiving Water: A Tributary Of Crymlyn Bog Status: Effective Positional Accuracy: Located by supplier to within 10m	A9NE (W)	615	2	269439 195526
9	Discharge Consents Operator: Dwr Cymru Cyfyngedig Property Type: Sewerage Network - Pumping Staions Location: Sso. Halfway Crymlyn Road P.S. Pent, Crymlyn Road P.S. Pentre Dwr Authority: Natural Resources Wales Catchment Area: CRYMLYN BROOK - HW TO CONF WITH TENNANT CANAL Reference: Bw4101101 Permit Version: 2 Effective Date: 31st March 2010 Issued Date: 2nd February 2010 Revocation Date: Not Supplied Discharge Type: Sewage Discharges - Pumping Station - Water Company Discharge: Freshwater Stream/River Environment: Receiving Water: A Tributary Of Crymlyn Bog Status: Effective Positional Accuracy: Located by supplier to within 10m	A9NE (W)	615	2	269439 195526
9	Discharge Consents Operator: Dwr Cymru Cyfyngedig Property Type: Sewerage Network - Pumping Staions Location: Sso. Halfway Crymlyn Road P.S. Pent, Crymlyn Road P.S. Pentre Dwr Authority: Natural Resources Wales Catchment Area: CRYMLYN BROOK - HW TO CONF WITH TENNANT CANAL Reference: Bw4101101 Permit Version: 2 Effective Date: 31st March 2010 Issued Date: 2nd February 2010 Revocation Date: Not Supplied Discharge Type: Sewage Discharges - Stw Storm Overflow/Storm Tank - Water Company Discharge: Freshwater Stream/River Environment: Receiving Water: A Tributary Of Crymlyn Bog Status: Effective Positional Accuracy: Located by supplier to within 10m	A9NE (W)	615	2	269439 195526

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
9	Discharge Consents Operator: Dwr Cymru Cyfyngedig Property Type: Sewerage Network - Pumping Staions Location: Sso. Halfway Crymlyn Road P.S. Pent, Crymlyn Road P.S. Pentre Dwr Authority: Natural Resources Wales Catchment Area: CRYMLYN BROOK - HW TO CONF WITH TENNANT CANAL Reference: Bw4101101 Permit Version: 2 Effective Date: 31st March 2010 Issued Date: 2nd February 2010 Revocation Date: Not Supplied Discharge Type: Sewage Discharges - Pumping Station - Water Company Discharge: Freshwater Stream/River Environment: Receiving Water: A Tributary Of Crymlyn Bog Status: Effective Positional Accuracy: Located by supplier to within 10m	A9NE (W)	615	2	269439 195526
10	Discharge Consents Operator: Dwr Cymru Cyfyngedig Property Type: Sewerage Network - Pumping Staions Location: Cso Halfway Crymlyn Road Ps, Off Pentre-Dwr Rd, Bonymaen, Swansea, Sa7 9ye Authority: Natural Resources Wales Catchment Area: CRYMLYN BROOK - HW TO CONF WITH TENNANT CANAL Reference: Bw4101101 Permit Version: 3 Effective Date: 26th February 2020 Issued Date: 26th February 2020 Revocation Date: Not Supplied Discharge Type: Sewage Discharges - Stw Storm Overflow/Storm Tank - Water Company Discharge: Freshwater Stream/River Environment: Receiving Water: A Tributary Of Crymlyn Bog Status: Effective Positional Accuracy: Located by supplier to within 10m	A13SE (NW)	657	2	269443 195721
10	Discharge Consents Operator: Dwr Cymru Cyfyngedig Property Type: Sewerage Network - Pumping Staions Location: Cso Halfway Crymlyn Road Ps, Off Pentre-Dwr Rd, Bonymaen, Swansea, Sa7 9ye Authority: Natural Resources Wales Catchment Area: CRYMLYN BROOK - HW TO CONF WITH TENNANT CANAL Reference: Bw4101101 Permit Version: 3 Effective Date: 26th February 2020 Issued Date: 26th February 2020 Revocation Date: Not Supplied Discharge Type: Sewage Discharges - Pumping Station - Water Company Discharge: Freshwater Stream/River Environment: Receiving Water: A Tributary Of Crymlyn Bog Status: Effective Positional Accuracy: Located by supplier to within 10m	A13SE (NW)	657	2	269443 195721
11	Discharge Consents Operator: Dwr Cymru Cyfyngedig Property Type: Water Supply Grid Location: Pantysais S.Res C/O Authority: Natural Resources Wales Catchment Area: Not Supplied Reference: Bp0194501 Permit Version: 1 Effective Date: 2nd October 1989 Issued Date: 2nd October 1989 Revocation Date: 16th March 1994 Discharge Type: Unspecified Discharge: Not Supplied Environment: Receiving Water: To Land Status: Consent expired Positional Accuracy: Located by supplier to within 100m	A7SE (SE)	848	2	270900 194300

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
12	Discharge Consents Operator: Hughes P T & E H Property Type: Domestic Property (Single) Location: New Bungalow, Upper Glan-Y-Wern Farm, Llansamlet Authority: Natural Resources Wales Catchment Area: River Tawe Reference: Bp0146601 Permit Version: 2 Effective Date: 25th October 1989 Issued Date: 25th October 1989 Revocation Date: 21st March 1994 Discharge Type: Unspecified Discharge: Not Supplied Environment: Receiving Water: Land Status: Consent expired Positional Accuracy: Located by supplier to within 10m	A13SW (W)	970	2	269090 195590
12	Discharge Consents Operator: Hughes P T & E H Property Type: Domestic Property (Single) Location: New Bungalow, Upper Glan-Y-Wern Farm, Llansamlet Authority: Natural Resources Wales Catchment Area: River Tawe Reference: Bp0146601 Permit Version: 1 Effective Date: 1st January 1901 Issued Date: 1st January 1901 Revocation Date: 24th October 1989 Discharge Type: Unspecified Discharge: Not Supplied Environment: Receiving Water: Land Status: Authorisation revoked Positional Accuracy: Located by supplier to within 10m	A13SW (W)	970	2	269090 195590
13	Local Authority Pollution Prevention and Controls Name: Cuddy Demolition And Dismantling Limited Location: Tank Farm Road, Llandarcy, Neath, Sa10 6en Authority: Neath Port Talbot County Borough Council, Environmental Health Department Permit Reference: E3/1/132 Dated: 21st April 2008 Process Type: Local Authority Pollution Prevention and Control Description: PG3/16 Mobile screening and crushing processes Status: Permitted Positional Accuracy: Located by supplier to within 10m	A12NW (E)	0	3	271100 195405
13	Local Authority Pollution Prevention and Controls Name: Cuddy Demolition And Dismantling Ltd Location: Tank Farm Road, Llandarcy, Neath, SA10 6EN Authority: Neath Port Talbot County Borough Council, Environmental Health Department Permit Reference: E3/1/28 Dated: 31st October 1995 Process Type: Local Authority Air Pollution Control Description: PG3/16 Mobile screening and crushing processes Status: Authorised Positional Accuracy: Manually positioned to the address or location	A12NW (E)	0	3	271091 195416
13	Local Authority Pollution Prevention and Controls Name: Cuddy Demolition And Dismantling Ltd Location: Tank Farm Road, Llandarcy, Neath, SA10 6EN Authority: Neath Port Talbot County Borough Council, Environmental Health Department Permit Reference: E3/1/139 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	A12NW (E)	0	3	271090 195419
14	Local Authority Pollution Prevention and Controls Name: Cuddy Demolition & Dismantling Ltd Location: Tank Farm Road, Llandarcy, NEATH, SA10 6EN Authority: Neath Port Talbot County Borough Council, Environmental Health Department Permit Reference: E3/1/103 Dated: 17th July 2003 Process Type: Local Authority Air Pollution Control Description: PG3/16 Mobile screening and crushing processes Status: Authorised Positional Accuracy: Manually positioned to the address or location	A11NE (E)	0	3	271004 195401

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
14	Local Authority Pollution Prevention and Controls Name: Cuddy Demolition & Dismantling Ltd Location: Tank Farm Road, Llandarcy, NEATH, SA10 6EN Authority: Neath Port Talbot County Borough Council, Environmental Health Department Permit Reference: E3/1/97 Dated: 16th December 2002 Process Type: Local Authority Air Pollution Control Description: PG3/16 Mobile screening and crushing processes Status: Authorised Positional Accuracy: Manually positioned to the address or location	A11NE (E)	0	3	270998 195396
15	Local Authority Pollution Prevention and Controls Name: Rmc Materials Ltd Location: 9A Tank Farm Road, Llandarcy Business Park, Llandarcy, NEATH, West Glamorgan, SA10 6EN Authority: Neath Port Talbot County Borough Council, Environmental Health Department Permit Reference: E3/1/44 Dated: 6th December 1993 Process Type: Local Authority Air Pollution Control Description: PG3/1 Blending, packing, loading and use of bulk cement Status: Authorised Positional Accuracy: Located by supplier to within 10m	A12NW (E)	0	3	271179 195319
16	Local Authority Pollution Prevention and Controls Name: Glass Tech Recycling Ltd Location: Unit 10 Tank Farm Road, Llandarcy, Sa10 6en Authority: Neath Port Talbot County Borough Council, Environmental Health Department Permit Reference: E3/1/119 Dated: 5th February 2006 Process Type: Local Authority Air Pollution Control Description: PG3/16 Mobile screening and crushing processes Status: Authorised Positional Accuracy: Located by supplier to within 10m	A12NW (E)	30	3	271359 195336
	Nearest Surface Water Feature	A15SW (N)	0	-	270578 195664
17	Pollution Incidents to Controlled Waters Property Type: Not Given Location: Mobil Oil, Llandarcy Refinery, LLANDARCY Authority: Environment Agency, Welsh Region Pollutant: Chemicals - Other Organic Note: Crymlyn Bog (River Neath); Effluent Quality Incident Date: 10th July 1997 Incident Reference: 33359 Catchment Area: Not Given Receiving Water: Not Given Cause of Incident: Poor Management Control Incident Severity: Category 1 - Major Incident Positional Accuracy: Located by supplier to within 100m	A10NE (W)	0	4	270100 195300
18	Pollution Incidents to Controlled Waters Property Type: Not Given Location: Bp Llandarcy, LLANDARCY Authority: Environment Agency, Welsh Region Pollutant: Sewage Debris/Litter Note: Not Supplied Incident Date: 14th May 1996 Incident Reference: 28579 Catchment Area: Not Given Receiving Water: Not Given Cause of Incident: Unknown Incident Severity: Category 3 - Minor Incident Positional Accuracy: Located by supplier to within 100m	A15NE (NE)	0	4	271000 196000
19	Pollution Incidents to Controlled Waters Property Type: Process Location: Bp Llandarcy, NEATH Authority: Environment Agency, Welsh Region Pollutant: Coal Solids Note: Mechanical Failure Incident Date: 3rd March 1996 Incident Reference: 27745 Catchment Area: Not Given Receiving Water: Not Given Cause of Incident: Runoff Incident Severity: Category 3 - Minor Incident Positional Accuracy: Located by supplier to within 100m	A16NE (NE)	0	4	271500 196000

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
20	Pollution Incidents to Controlled Waters Property Type: Not Given Location: Adj Mobil, East Of Gate 1, LLANDARCY Authority: Environment Agency, Welsh Region Pollutant: Heavy Fuel Oil Note: Crymlyn Bog (River Neath); Leakage Incident Date: 10th July 1997 Incident Reference: 33360 Catchment Area: Not Given Receiving Water: Not Given Cause of Incident: Poor Management Control Incident Severity: Category 1 - Major Incident Positional Accuracy: Located by supplier to within 100m	A15SW (N)	22	4	270600 195700
21	Pollution Incidents to Controlled Waters Property Type: Warehouses Location: Bp Llandarcy, NEATH Authority: Environment Agency, Welsh Region Pollutant: Oils - Diesel (Including Agricultural) Note: Poor Operational Practise Incident Date: 1st November 1991 Incident Reference: 1651 Catchment Area: Not Given Receiving Water: Not Given Cause of Incident: Overflow Incident Severity: Category 2 - Significant Incident Positional Accuracy: Located by supplier to within 100m	A12NE (E)	72	4	271550 195480
22	Pollution Incidents to Controlled Waters Property Type: Warehouses Location: LLANDARCY Authority: Environment Agency, Welsh Region Pollutant: Sewage - Septic Tank Effluent Note: Poor Operational Practise Incident Date: 2nd February 1991 Incident Reference: 2384 Catchment Area: Not Given Receiving Water: Not Given Cause of Incident: Overflow Incident Severity: Category 2 - Significant Incident Positional Accuracy: Located by supplier to within 100m	A12NE (E)	105	4	271600 195500
22	Pollution Incidents to Controlled Waters Property Type: Warehouses Location: Workshops Authority: Environment Agency, Welsh Region Pollutant: Light Oil Note: Poor Operational Practise Incident Date: 19th January 1992 Incident Reference: 3751 Catchment Area: Not Given Receiving Water: Not Given Cause of Incident: Overflow Incident Severity: Category 2 - Significant Incident Positional Accuracy: Located by supplier to within 100m	A12NE (E)	107	4	271600 195495
23	Pollution Incidents to Controlled Waters Property Type: Cess Pit Location: LLANSAMLET Authority: Environment Agency, Welsh Region Pollutant: Farm Effluent/Slurry Note: Neglect Incident Date: 21st February 1992 Incident Reference: 3770 Catchment Area: Not Given Receiving Water: Not Given Cause of Incident: Leakage Incident Severity: Category 3 - Minor Incident Positional Accuracy: Located by supplier to within 100m	A13SW (W)	863	4	269200 195600
24	Pollution Incidents to Controlled Waters Property Type: Land Location: New Asda Store, Llansamle Authority: Environment Agency, Welsh Region Pollutant: Organic Wastes: Poultry Manure (solid) Note: Inadequate Design/Capacity Incident Date: 29th January 1992 Incident Reference: 3754 Catchment Area: Not Given Receiving Water: Not Given Cause of Incident: Direct Discharge Incident Severity: Category 3 - Minor Incident Positional Accuracy: Located by supplier to within 100m	A13NE (NW)	968	4	269400 196195

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
24	Pollution Incidents to Controlled Waters Property Type: Land Location: Lower, Glanywern Farm, TRALLWN Authority: Environment Agency, Welsh Region Pollutant: Crude Sewage Note: Inadequate Design/Capacity Incident Date: 29th January 1992 Incident Reference: 3754 Catchment Area: Not Given Receiving Water: Not Given Cause of Incident: Direct Discharge Incident Severity: Category 2 - Significant Incident Positional Accuracy: Located by supplier to within 100m	A13NE (NW)	971	4	269400 196200
25	Substantiated Pollution Incident Register Authority: Natural Resources Wales Incident Date: 15th August 2002 Incident Reference: 100582 Water Impact: Category 2 - Significant Incident Air Impact: Category 4 - No Impact Land Impact: Category 3 - Minor Incident Positional Accuracy: Located by supplier to within 10m Pollutant: Contaminated Water: Chemically Contaminated Run-Off Pollutant: Inert : Other	A12NW (E)	0	2	271179 195345
26	Water Abstractions Operator: St Mowden Properties Plc Licence Number: 22/59/5/0006 Permit Version: 102 Location: Lagoon At B P Refinery Llandarcy Authority: Natural Resources Wales Abstraction: Petrochemicals: General Use (Medium Loss) 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: 29th July 2010 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 10m	A10NE (W)	0	2	270100 195310
26	Water Abstractions Operator: Bp Oil Llandarcy Refinery Ltd Licence Number: 22/59/5/0006 Permit Version: 101 Location: Lagoon At B P Refinery Llandarcy Authority: Environment Agency, Welsh Region Abstraction: Petrochemicals: General Use (Medium Loss) 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: 31st March 2005 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 10m	A10NE (W)	0	4	270100 195310
26	Water Abstractions Operator: Bp Oil Llandarcy Refinery Ltd Licence Number: 22/59/5/0006 Permit Version: 100 Location: Lagoon At B P Refinery Llandarcy Authority: Environment Agency, Welsh Region Abstraction: Petrochemicals: General Use (Medium Loss) Abstraction Type: Water may be abstracted from a single point Source: Surface Daily Rate (m3): Not Supplied Yearly Rate (m3): Not Supplied Details: Lagoon On Site Authorised Start: 01 January Authorised End: 31 December Permit Start Date: 30th June 1966 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 100m	A10NE (W)	0	4	270100 195310

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
26	Water Abstractions Operator: St Mowden Properties Plc Licence Number: 22/59/5/0006 Permit Version: Not Supplied Location: Land At B P Refinery At Llandarcy Authority: Natural Resources Wales Abstraction: Petrochemicals: General Use (Medium Loss) 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: Not Supplied Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 10m	A10NE (W)	0	2	270100 195310
27	Water Abstractions Operator: Bp Oil Llandarcy Refinery Ltd Licence Number: 22/59/5/0008 Permit Version: 1 Location: Groundwater Remediation Well Points Llandarcy Refinery Authority: Environment Agency, Welsh Region Abstraction: Environmental: Pump & Treat: Pollution Remediation Abstraction Type: Water may be abstracted from any point within an area Source: Groundwater Daily Rate (m3): Not Supplied Yearly Rate (m3): Not Supplied Details: Oil Refinery Llandarcy Authorised Start: 01 January Authorised End: 31 December Permit Start Date: 13th September 2004 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 10m	A14SE (NW)	0	4	270278 195582
28	Water Abstractions Operator: Hawk Plant Hire Limited Licence Number: Wa/059/0001/001 Permit Version: 1 Location: Pond No.29, Lower End Of Freemans Bund Stream, Neath Authority: Environment Agency, Welsh Region Abstraction: Environmental: Make-Up or Top Up Water 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: 29 September Authorised End: 25 October Permit Start Date: 29th September 2010 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 10m	A6NW (SW)	611	4	269973 194604
29	Water Abstractions Operator: St Mowden Properties Plc Licence Number: 22/59/5/0007 Permit Version: 102 Location: Freemans Bund Authority: Natural Resources Wales Abstraction: Petrochemicals: Process Water 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: 29th July 2010 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 10m	A6NW (SW)	612	2	269880 194630

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
29	Water Abstractions Operator: Bp Oil Llandarcy Refinery Ltd Licence Number: 22/59/5/0007 Permit Version: 101 Location: Freemans Bund Authority: Environment Agency, Welsh Region Abstraction: Petrochemicals: Process Water 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: 31st March 2005 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 10m	A6NW (SW)	612	4	269880 194630
29	Water Abstractions Operator: Bp Oil Llandarcy Refinery Ltd Licence Number: 22/59/5/0007 Permit Version: 100 Location: Freemans Bund Authority: Environment Agency, Welsh Region Abstraction: Petrochemicals: Process Water Abstraction Type: Water may be abstracted from a single point Source: Surface Daily Rate (m3): Not Supplied Yearly Rate (m3): Not Supplied Details: Freemans Bund Authorised Start: 01 January Authorised End: 31 December Permit Start Date: 30th June 1966 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 100m	A6NW (SW)	612	4	269880 194630
29	Water Abstractions Operator: St Mowden Properties Plc Licence Number: 22/59/5/0007 Permit Version: Not Supplied Location: Land At B P Refinery Llandarcy Authority: Natural Resources Wales Abstraction: Petrochemicals: Process Water 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: Not Supplied Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 10m	A6NW (SW)	612	2	269880 194630
	Groundwater Vulnerability Map Combined Classification: Secondary Bedrock Aquifer - Low Vulnerability Combined Vulnerability: Low Combined Aquifer: Productive Bedrock Aquifer, Unproductive Superficial Aquifer Pollutant Speed: Low Bedrock Flow: Well Connected Fractures Dilution: >550 mm/year Baseflow Index: <40% Superficial Patchiness: >90% Superficial Thickness: <3m Superficial Recharge: Medium	A11NW (N)	0	2	270530 195388

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	Groundwater Vulnerability Map Combined Classification: Secondary Bedrock Aquifer - Low Vulnerability Combined Vulnerability: Low Combined Aquifer: Productive Bedrock Aquifer, Unproductive Superficial Aquifer Pollutant Speed: Low Bedrock Flow: Well Connected Fractures Dilution: >550 mm/year Baseflow Index: <40% Superficial: <90% Patchiness: Superficial 3-10m Thickness: Superficial Medium Recharge:	A11NE (E)	0	2	271040 195240
	Groundwater Vulnerability Map Combined Classification: Secondary Bedrock Aquifer - Medium Vulnerability Combined Vulnerability: Medium Combined Aquifer: Productive Bedrock Aquifer, Productive Superficial Aquifer Pollutant Speed: Low Bedrock Flow: Well Connected Fractures Dilution: >550 mm/year Baseflow Index: <40% Superficial: <90% Patchiness: Superficial <3m Thickness: Superficial No Data Recharge:	A15NW (N)	0	2	270650 196000
	Groundwater Vulnerability Map Combined Classification: Secondary Bedrock Aquifer - Medium Vulnerability Combined Vulnerability: Medium Combined Aquifer: Productive Bedrock Aquifer, Productive Superficial Aquifer Pollutant Speed: Low Bedrock Flow: Well Connected Fractures Dilution: >550 mm/year Baseflow Index: <40% Superficial: <90% Patchiness: Superficial <3m Thickness: Superficial Medium Recharge:	A15NE (NE)	0	2	271000 196000
	Groundwater Vulnerability Map Combined Classification: Secondary Superficial Aquifer - Low Vulnerability Combined Vulnerability: Low Combined Aquifer: Productive Bedrock Aquifer, Productive Superficial Aquifer Pollutant Speed: Low Bedrock Flow: Well Connected Fractures Dilution: >550 mm/year Baseflow Index: <40% Superficial: <90% Patchiness: Superficial 3-10m Thickness: Superficial Medium Recharge:	(NE)	0	2	272000 196274

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	Groundwater Vulnerability Map Combined Classification: Secondary Superficial Aquifer - Low Vulnerability Combined Vulnerability: Low Combined Aquifer: Productive Bedrock Aquifer, Productive Superficial Aquifer Pollutant Speed: Low Bedrock Flow: Well Connected Fractures Dilution: >550 mm/year Baseflow Index: <40% Superficial: <90% Patchiness: Superficial 3-10m Thickness: Superficial Medium Recharge:	(NE)	0	2	272000 196000
	Groundwater Vulnerability Map Combined Classification: Secondary Bedrock Aquifer - Low Vulnerability Combined Vulnerability: Low Combined Aquifer: Productive Bedrock Aquifer, No Superficial Aquifer Pollutant Speed: Low Bedrock Flow: Well Connected Fractures Dilution: >550 mm/year Baseflow Index: <40% Superficial: >90% Patchiness: Superficial <3m Thickness: Superficial Medium Recharge:	A11NE (NE)	0	2	270742 195507
	Groundwater Vulnerability Map Combined Classification: Secondary Bedrock Aquifer - Low Vulnerability Combined Vulnerability: Low Combined Aquifer: Productive Bedrock Aquifer, No Superficial Aquifer Pollutant Speed: Low Bedrock Flow: Well Connected Fractures Dilution: >550 mm/year Baseflow Index: <40% Superficial: <90% Patchiness: Superficial 3-10m Thickness: Superficial Medium Recharge:	A11NE (NE)	0	2	271000 195449
	Groundwater Vulnerability Map Combined Classification: Secondary Superficial Aquifer - Low Vulnerability Combined Vulnerability: Low Combined Aquifer: Productive Bedrock Aquifer, Productive Superficial Aquifer Pollutant Speed: Low Bedrock Flow: Well Connected Fractures Dilution: >550 mm/year Baseflow Index: <40% Superficial: >90% Patchiness: Superficial <3m Thickness: Superficial Medium Recharge:	A11NW (E)	0	2	270539 195199

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	Groundwater Vulnerability Map Combined Classification: Secondary Superficial Aquifer - Low Vulnerability Combined Vulnerability: Low Combined Aquifer: Productive Bedrock Aquifer, Productive Superficial Aquifer Pollutant Speed: Low Bedrock Flow: Well Connected Fractures Dilution: >550 mm/year Baseflow Index: <40% Superficial: <90% Patchiness: Superficial 3-10m Thickness: Superficial Medium Recharge:	A11NE (E)	0	2	271000 195216
	Groundwater Vulnerability Map Combined Classification: Secondary Superficial Aquifer - High Vulnerability Combined Vulnerability: High Combined Aquifer: Productive Bedrock Aquifer, Productive Superficial Aquifer Pollutant Speed: High Bedrock Flow: Well Connected Fractures Dilution: >550 mm/year Baseflow Index: >70% Superficial: <90% Patchiness: Superficial 3-10m Thickness: Superficial High Recharge:	(E)	0	2	272000 195144
	Groundwater Vulnerability Map Combined Classification: Secondary Bedrock Aquifer - Medium Vulnerability Combined Vulnerability: Medium Combined Aquifer: Productive Bedrock Aquifer, No Superficial Aquifer Pollutant Speed: Low Bedrock Flow: Well Connected Fractures Dilution: >550 mm/year Baseflow Index: <40% Superficial: <90% Patchiness: Superficial <3m Thickness: Superficial Medium Recharge:	(NE)	0	2	271304 196203
	Groundwater Vulnerability Map Combined Classification: Secondary Bedrock Aquifer - Low Vulnerability Combined Vulnerability: Low Combined Aquifer: Productive Bedrock Aquifer, No Superficial Aquifer Pollutant Speed: Low Bedrock Flow: Well Connected Fractures Dilution: >550 mm/year Baseflow Index: <40% Superficial: <90% Patchiness: Superficial 3-10m Thickness: Superficial Medium Recharge:	(NE)	0	2	272000 196190
	Bedrock Aquifer Designations Aquifer Designation: Secondary Aquifer - A	A11NW (SW)	0	2	270484 195216
	Superficial Aquifer Designations Aquifer Designation: Unproductive Strata	A11NE (E)	0	2	271040 195240
	Superficial Aquifer Designations Aquifer Designation: Unproductive Strata	A11NW (N)	0	2	270530 195388
	Superficial Aquifer Designations Aquifer Designation: Secondary Aquifer - Undifferentiated	A11NW (E)	0	2	270539 195199

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	Extreme Flooding from Rivers or Sea without Defences Type: Extent of Extreme Flooding from Rivers or Sea without Defences Flood Plain Type: Fluvial Models Boundary Accuracy: As Supplied	A10NE (NW)	0	2	270295 195390
	Flooding from Rivers or Sea without Defences Type: Extent of Flooding from Rivers or Sea without Defences Flood Plain Type: Fluvial Models Boundary Accuracy: As Supplied	A10NE (NW)	0	2	270295 195390
	Areas Benefiting from Flood Defences None				
	Flood Water Storage Areas None				
	Flood Defences None				
30	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 51.0 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Neath Primacy: 1	A11NE (E)	0	5	271062 195249
31	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 103.9 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Neath Primacy: 1	A12NW (E)	0	5	271082 195296
32	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 82.4 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Neath Primacy: 1	A12NW (E)	0	5	271082 195296
33	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 62.6 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Neath Primacy: 1	A12NW (E)	0	5	271156 195366
34	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 93.7 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Neath Primacy: 1	A12NW (E)	0	5	271156 195366
35	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 62.2 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Neath Primacy: 1	A12NW (E)	0	5	271190 195251
36	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 2.6 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Neath Primacy: 1	A12NW (E)	0	5	271226 195304

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
37	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 22.4 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Neath Primacy: 1	A12NW (E)	0	5	271226 195301
38	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 190.1 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Neath Primacy: 1	A12NW (E)	0	5	271242 195285
39	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 88.8 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Neath Primacy: 1	A12NW (E)	0	5	271242 195285
40	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 97.4 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Tawe Primacy: 1	A15SW (N)	0	5	270578 195664
41	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 15.1 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Tawe Primacy: 1	A15SW (N)	0	5	270608 195604
42	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 54.2 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Tawe Primacy: 1	A15SW (N)	0	5	270605 195618
43	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 27.2 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Tawe Primacy: 1	A15SW (N)	0	5	270621 195670
44	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 51.7 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Tawe Primacy: 1	A15SW (N)	0	5	270622 195697
45	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 52.0 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Tawe Primacy: 1	A15SW (N)	0	5	270623 195749

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
46	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 307.0 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Tawe Primacy: 1	A15SW (N)	0	5	270623 195749
47	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 6.3 Watercourse Level: Not Supplied Permanent: True Watercourse Name: Not Supplied Catchment Name: Tawe Primacy: 1	A15NW (N)	0	5	270682 196040
48	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 52.0 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Tawe Primacy: 1	A15NW (N)	0	5	270688 196042
49	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 21.3 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Tawe Primacy: 1	A15NW (N)	0	5	270691 196093
50	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 5.4 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Tawe Primacy: 1	A15NW (N)	0	5	270704 196106
51	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 33.2 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Tawe Primacy: 1	A15NE (N)	0	5	270812 196174
52	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 42.9 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Tawe Primacy: 1	A10NE (W)	0	5	270112 195252
53	OS Water Network Lines Watercourse Form: Lake Watercourse Length: 17.0 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Tawe Primacy: 1	A10NE (W)	0	5	270112 195257
54	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 40.3 Watercourse Level: Underground Permanent: True Watercourse Name: Not Supplied Catchment Name: Tawe Primacy: 1	A11NW (NE)	0	5	270594 195290

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
55	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 151.8 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Tawe Primacy: 1	A11NW (NE)	0	5	270543 195299
56	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 63.2 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Tawe Primacy: 1	A11NW (NE)	0	5	270581 195302
57	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 109.8 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Tawe Primacy: 1	A11NW (N)	0	5	270456 195354
58	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 12.6 Watercourse Level: Underground Permanent: True Watercourse Name: Not Supplied Catchment Name: Tawe Primacy: 1	A11NW (N)	0	5	270468 195355
59	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 40.4 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Tawe Primacy: 1	A11NW (NE)	0	5	270568 195367
60	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 35.1 Watercourse Level: Underground Permanent: True Watercourse Name: Not Supplied Catchment Name: Tawe Primacy: 2	A10NE (NW)	0	5	270337 195390
61	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 14.2 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Tawe Primacy: 1	A11NW (N)	0	5	270538 195393
62	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 24.4 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Tawe Primacy: 1	A10NE (NW)	0	5	270356 195393
63	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 13.6 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Tawe Primacy: 1	A11NW (N)	0	5	270527 195401

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
64	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 40.7 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Tawe Primacy: 1	A11NW (N)	0	5	270527 195401
65	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 217.0 Watercourse Level: On ground surface Permanent: True Watercourse Name: Crymlyn Brook Catchment Name: Tawe Primacy: 1	A10NW (NW)	0	5	270029 195428
66	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 211.3 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Tawe Primacy: 1	A11NW (N)	0	5	270540 195407
67	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 88.5 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Tawe Primacy: 1	A11NW (N)	0	5	270454 195416
68	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 123.8 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Tawe Primacy: 2	A11NW (N)	0	5	270432 195422
69	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 41.5 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Tawe Primacy: 1	A11NW (N)	0	5	270457 195418
70	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 14.6 Watercourse Level: Underground Permanent: True Watercourse Name: Not Supplied Catchment Name: Tawe Primacy: 2	A11NW (N)	0	5	270497 195429
71	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 45.0 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Tawe Primacy: 1	A10NE (NW)	0	5	270306 195455
72	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 124.2 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Tawe Primacy: 1	A10NE (NW)	0	5	270266 195469

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
73	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 134.0 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Tawe Primacy: 1	A14SE (NW)	0	5	270158 195566
74	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 5.4 Watercourse Level: Underground Permanent: True Watercourse Name: Not Supplied Catchment Name: Tawe Primacy: 1	A14SE (NW)	0	5	270163 195568
75	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 63.5 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Tawe Primacy: 2	A14SE (NW)	0	5	270164 195570
76	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 2.2 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Tawe Primacy: 1	A14SE (NW)	0	5	270164 195570
77	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 251.3 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Tawe Primacy: 1	A14SE (N)	0	5	270387 195626
78	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 6.3 Watercourse Level: Underground Permanent: True Watercourse Name: Not Supplied Catchment Name: Tawe Primacy: 1	A15SW (N)	0	5	270413 195630
79	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 73.0 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Tawe Primacy: 1	A15SW (N)	0	5	270417 195630
80	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 134.9 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Tawe Primacy: 2	A15SW (N)	0	5	270512 195755
81	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 81.3 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Tawe Primacy: 1	A15SW (N)	1	5	270545 195651

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
82	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 241.4 Watercourse Level: Not Supplied Permanent: True Watercourse Name: Not Supplied Catchment Name: Tawe Primacy: 1	A10NE (NW)	6	5	270301 195372
83	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 30.0 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Tawe Primacy: 1	A10NE (NW)	6	5	270337 195390
84	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 127.9 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Neath Primacy: 1	A12NW (E)	10	5	271365 195282
85	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 18.9 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Tawe Primacy: 1	A10NE (NW)	10	5	270356 195393
86	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 31.5 Watercourse Level: Not Supplied Permanent: True Watercourse Name: Not Supplied Catchment Name: Tawe Primacy: 1	A15SW (N)	17	5	270501 195661
87	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 35.7 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Tawe Primacy: 1	A11NW (E)	24	5	270628 195268
88	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 87.5 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Tawe Primacy: 1	A15SW (N)	26	5	270471 195671
89	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 16.1 Watercourse Level: On ground surface Permanent: True Watercourse Name: Crymlyn Brook Catchment Name: Tawe Primacy: 1	A10NW (W)	36	5	270019 195406
90	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 88.0 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Neath Primacy: 1	A12NE (E)	37	5	271423 195478

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
91	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 4.2 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Tawe Primacy: 1	A15NW (N)	38	5	270631 196071
92	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 7.4 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Neath Primacy: 1	A12NE (E)	41	5	271531 195504
93	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 41.6 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Tawe Primacy: 1	A15NW (N)	42	5	270629 196075
94	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 134.1 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Tawe Primacy: 2	A15NW (N)	42	5	270507 196083
95	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 4.7 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Neath Primacy: 1	A12NE (E)	44	5	271535 195505
96	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 87.8 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Neath Primacy: 1	A12NE (E)	45	5	271537 195507
97	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 37.7 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Neath Primacy: 1	A12NE (E)	48	5	271537 195501
98	OS Water Network Lines Watercourse Form: Lake Watercourse Length: 23.7 Watercourse Level: On ground surface Permanent: True Watercourse Name: Crymlyn Brook Catchment Name: Tawe Primacy: 1	A10NW (W)	49	5	270007 195395
99	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 66.7 Watercourse Level: Not Supplied Permanent: True Watercourse Name: Not Supplied Catchment Name: Tawe Primacy: 1	A10NE (W)	50	5	270159 195214

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
100	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 191.5 Watercourse Level: On ground surface Permanent: True Watercourse Name: Crymlyn Brook Catchment Name: Tawe Primacy: 1	A14SE (NW)	55	5	270111 195603
101	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 16.8 Watercourse Level: Underground Permanent: True Watercourse Name: Not Supplied Catchment Name: Tawe Primacy: 1	A11NW (E)	59	5	270659 195252
102	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 45.7 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Neath Primacy: 1	A12NW (E)	61	5	271401 195384
103	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 35.8 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Tawe Primacy: 1	A10SE (W)	64	5	270137 195151
104	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 29.7 Watercourse Level: Underground Permanent: True Watercourse Name: Not Supplied Catchment Name: Tawe Primacy: 1	A15NW (N)	66	5	270619 196115
105	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 477.7 Watercourse Level: On ground surface Permanent: True Watercourse Name: Crymlyn Brook Catchment Name: Tawe Primacy: 1	A10NW (W)	68	5	269991 195378
106	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 89.3 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Tawe Primacy: 1	A11NW (E)	74	5	270668 195237
107	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 77.2 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Tawe Primacy: 1	A15NW (N)	79	5	270612 196144
108	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 126.5 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Neath Primacy: 1	A12NE (E)	83	5	271445 195397

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
109	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 24.5 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Neath Primacy: 1	A12NE (E)	83	5	271551 195465
110	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 54.1 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Neath Primacy: 1	A12NE (E)	83	5	271551 195465
111	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 41.5 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Neath Primacy: 1	A12NE (E)	86	5	271420 195351
112	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 2.4 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Neath Primacy: 1	A12NE (E)	104	5	271444 195399
113	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 75.9 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Neath Primacy: 1	A12NE (E)	105	5	271445 195397
114	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 275.3 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Tawe Primacy: 1	A15SW (N)	112	5	270489 195756
115	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 148.3 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Neath Primacy: 1	A12SW (E)	115	5	271334 195054
116	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 71.7 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Tawe Primacy: 1	A15NW (N)	118	5	270543 196164
117	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 3.5 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Neath Primacy: 1	A12NE (E)	124	5	271603 195461

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
118	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 211.4 Watercourse Level: Not Supplied Permanent: True Watercourse Name: Not Supplied Catchment Name: Neath Primacy: 1	A12NE (E)	124	5	271604 195463
119	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 7.2 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Tawe Primacy: 1	A11SW (E)	148	5	270680 195150
120	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 135.2 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Tawe Primacy: 1	A11SW (E)	148	5	270680 195150
121	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 33.3 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Tawe Primacy: 1	A15NW (N)	150	5	270525 196136
122	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 6.9 Watercourse Level: Underground Permanent: True Watercourse Name: Not Supplied Catchment Name: Tawe Primacy: 1	A11SW (E)	152	5	270687 195150
123	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 46.2 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Tawe Primacy: 1	A11SW (E)	156	5	270694 195151
124	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 56.8 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Tawe Primacy: 1	A15NW (N)	161	5	270496 196084
125	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 2.6 Watercourse Level: Not Supplied Permanent: True Watercourse Name: Not Supplied Catchment Name: Tawe Primacy: 1	A15NW (N)	161	5	270524 196134
126	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 207.9 Watercourse Level: On ground surface Permanent: True Watercourse Name: Crymlyn Brook Catchment Name: Tawe Primacy: 1	A14SE (NW)	164	5	270215 195762

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
127	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 226.0 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Tawe Primacy: 1	A14NE (N)	166	5	270342 195958
128	OS Water Network Lines Watercourse Form: Lake Watercourse Length: 16.6 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Tawe Primacy: 1	A11SE (E)	186	5	270740 195152
129	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 265.8 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Tawe Primacy: 1	A14NE (N)	212	5	270366 196004
130	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 151.9 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Tawe Primacy: 1	A11SE (SE)	256	5	270950 194912
131	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 347.3 Watercourse Level: On ground surface Permanent: True Watercourse Name: Crymlyn Brook Catchment Name: Tawe Primacy: 1	A14NE (N)	265	5	270320 195940
132	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 106.7 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Tawe Primacy: 1	A11SW (SE)	275	5	270702 195017
133	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 91.9 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Tawe Primacy: 1	A11SW (SE)	275	5	270702 195017
134	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 57.2 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Tawe Primacy: 1	A14NE (N)	289	5	270333 195957
135	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 3.5 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Tawe Primacy: 1	A14NE (N)	319	5	270320 195940

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
136	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 17.8 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Tawe Primacy: 1	A14NE (N)	319	5	270322 195944
137	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 229.0 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Tawe Primacy: 1	A11SE (SE)	332	5	270765 194909
138	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 22.8 Watercourse Level: Underground Permanent: True Watercourse Name: Not Supplied Catchment Name: Tawe Primacy: 1	A11SE (SE)	363	5	270761 194931
139	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 62.8 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Neath Primacy: 1	A12SE (E)	465	5	271685 194929
140	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 740.3 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Tawe Primacy: 1	A6NW (SW)	470	5	269860 194740
141	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 287.3 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Tawe Primacy: 1	A14NW (NW)	485	5	270002 196045
142	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 174.6 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Neath Primacy: 1	A8NE (E)	520	5	271669 194808
143	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 9.8 Watercourse Level: On ground surface Permanent: True Watercourse Name: Crymlyn Brook Catchment Name: Tawe Primacy: 1	A9NE (W)	537	5	269541 195217
144	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 229.4 Watercourse Level: On ground surface Permanent: True Watercourse Name: Crymlyn Brook Catchment Name: Tawe Primacy: 1	A9NE (W)	546	5	269533 195214

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
145	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 28.3 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Tawe Primacy: 1	A9NE (W)	546	5	269533 195214
146	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 234.0 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Neath Primacy: 1	A8NE (E)	563	5	271687 194774
147	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 59.2 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Neath Primacy: 2	A8NE (SE)	564	5	271444 194569
148	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 5.0 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Neath Primacy: 1	A8NE (SE)	569	5	271479 194580
149	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 14.1 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Neath Primacy: 1	A8NE (SE)	572	5	271478 194575
150	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 15.3 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Neath Primacy: 1	A8NE (SE)	583	5	271474 194562
151	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 31.8 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Tawe Primacy: 1	A9NE (W)	587	5	269463 195448
152	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 175.8 Watercourse Level: Not Supplied Permanent: True Watercourse Name: Not Supplied Catchment Name: Tawe Primacy: 1	A9NE (W)	587	5	269463 195448
153	OS Water Network Lines Watercourse Form: Lake Watercourse Length: 19.0 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Neath Primacy: 2	A8NE (SE)	587	5	271450 194546

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
154	OS Water Network Lines Watercourse Form: Lake Watercourse Length: 21.2 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Neath Primacy: 1	A8NE (SE)	594	5	271469 194547
155	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 117.0 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Tawe Primacy: 1	A6NE (SW)	604	5	270131 194594
156	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 371.0 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Tawe Primacy: 1	A6NE (S)	606	5	270344 194552
157	OS Water Network Lines Watercourse Form: Lake Watercourse Length: 10.7 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Neath Primacy: 1	A8NE (SE)	606	5	271459 194529
158	OS Water Network Lines Watercourse Form: Lake Watercourse Length: 60.0 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Tawe Primacy: 1	A6NW (SW)	608	5	270017 194596
159	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 227.2 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Tawe Primacy: 1	A6NE (SW)	609	5	270131 194594
160	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 102.9 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Tawe Primacy: 1	A9NE (W)	613	5	269438 195429
161	OS Water Network Lines Watercourse Form: Marsh Watercourse Length: 35.9 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Tawe Primacy: 1	A9NE (W)	613	5	269438 195429
162	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 24.0 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Tawe Primacy: 1	A13SE (W)	626	5	269445 195623

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
163	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 269.4 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Tawe Primacy: 1	A13SE (W)	642	5	269433 195644
164	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 97.0 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Tawe Primacy: 1	A13SE (W)	643	5	269432 195641
165	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 83.9 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Tawe Primacy: 1	A9NE (W)	644	5	269406 195445
166	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 140.2 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Neath Primacy: 1	A8SE (SE)	673	5	271481 194466
167	OS Water Network Lines Watercourse Form: Canal Watercourse Length: 219.9 Watercourse Level: On ground surface Permanent: True Watercourse Name: Glan-y-wern Canal Catchment Name: Tawe Primacy: 1	A9NW (W)	689	5	269346 195285
168	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 85.0 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Tawe Primacy: 1	A13NE (NW)	701	5	269507 195919
169	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 65.7 Watercourse Level: Not Supplied Permanent: True Watercourse Name: Not Supplied Catchment Name: Tawe Primacy: 1	A13NE (NW)	703	5	269505 195920
170	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 120.1 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Tawe Primacy: 1	A6NE (S)	723	5	270378 194536
171	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 127.1 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Tawe Primacy: 1	A13SW (W)	735	5	269346 195677

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
172	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 157.1 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Tawe Primacy: 1	A13SW (W)	735	5	269346 195677
173	OS Water Network Lines Watercourse Form: Canal Watercourse Length: 7.0 Watercourse Level: On ground surface Permanent: True Watercourse Name: Glan-y-wern Canal Catchment Name: Tawe Primacy: 1	A9NW (W)	738	5	269341 195196
174	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 106.4 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Tawe Primacy: 1	A9SW (W)	740	5	269341 195189
175	OS Water Network Lines Watercourse Form: Canal Watercourse Length: 1260.3 Watercourse Level: On ground surface Permanent: True Watercourse Name: Glan-y-wern Canal Catchment Name: Tawe Primacy: 1	A9SW (W)	740	5	269341 195189
176	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 71.6 Watercourse Level: Not Supplied Permanent: True Watercourse Name: Not Supplied Catchment Name: Tawe Primacy: 1	A13NE (NW)	747	5	269556 196038
177	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 96.7 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Tawe Primacy: 1	A13NE (NW)	747	5	269556 196038
178	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 28.8 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Tawe Primacy: 1	A13NE (NW)	751	5	269502 195991
179	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 52.4 Watercourse Level: Not Supplied Permanent: True Watercourse Name: Not Supplied Catchment Name: Tawe Primacy: 1	A13NE (NW)	751	5	269502 195991
180	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 36.2 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Tawe Primacy: 1	A7SW (S)	765	5	270491 194506

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
181	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 218.9 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Tawe Primacy: 2	A6SE (S)	772	5	270310 194460
182	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 243.7 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Tawe Primacy: 1	A13NE (NW)	778	5	269488 196015
183	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 9.1 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Tawe Primacy: 1	A13NE (NW)	778	5	269488 196015
184	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 8.0 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Neath Primacy: 1	A8SE (SE)	778	5	271589 194401
185	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 178.3 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Tawe Primacy: 1	A13NE (NW)	785	5	269505 196043
186	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 96.3 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Tawe Primacy: 1	A7SW (S)	800	5	270480 194472
187	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 127.5 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Tawe Primacy: 1	A6SE (S)	803	5	270269 194417
188	OS Water Network Lines Watercourse Form: Marsh Watercourse Length: 208.3 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Tawe Primacy: 1	A9SW (W)	807	5	269274 195180
189	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 214.5 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Tawe Primacy: 1	A13SW (NW)	882	5	269215 195754

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
190	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 223.4 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Tawe Primacy: 1	A13SW (NW)	882	5	269215 195754
191	OS Water Network Lines Watercourse Form: Lake Watercourse Length: 5.2 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Tawe Primacy: 1	A13SW (W)	886	5	269196 195701
192	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 36.7 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Tawe Primacy: 1	A13SW (W)	891	5	269191 195702
193	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 107.5 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Tawe Primacy: 1	A7SW (S)	892	5	270449 194382
194	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 186.5 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Tawe Primacy: 1	A9NW (W)	900	5	269155 195351
195	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 161.0 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Tawe Primacy: 1	A6SE (S)	912	5	270361 194329

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
196	Licensed Waste Management Facilities (Landfill Boundaries) Name: St Modwen Developments Ltd Licence Number: 34003 Location: Llancoed House, Crymlyn Tip, Llandarcy, N P T, SA10 6HJ Licence Holder: St Modwen Developments Ltd Authority: Natural Resources Wales Site Category: Industrial Waste Landfills Max Input Rate: Not Supplied Licence Status: Modified Issued: 14th June 1977 Positional Accuracy: Positioned by the supplier Boundary Accuracy: As Supplied	A11NW (N)	0	2	270474 195401
197	Licensed Waste Management Facilities (Locations) Licence Number: AP3990LR Location: St Modwen Developments Ltd, Llancoed House, Llandarcy, N P T, Neath Port Talbot, SA10 6HJ Operator Name: St Modwen Developments Limited Operator Location: Not Supplied Authority: Natural Resources Wales Site Category: Industrial Waste Landfills Licence Status: Effective Issued: 15th November 2017 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	A15SW (N)	0	2	270580 195638
197	Licensed Waste Management Facilities (Locations) Licence Number: 34003 Location: Llancoed House, Crymlyn Tip, Llandarcy, SA10 6HJ Operator Name: St Modwen Developments Ltd Operator Location: Not Supplied Authority: Natural Resources Wales Site Category: Industrial Waste Landfills Licence Status: Modified Issued: 14th June 1977 Last Modified: 14th December 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	A15SW (N)	0	2	270580 195638
198	Licensed Waste Management Facilities (Locations) Licence Number: 102863 Location: Unit 10, Tank Farm Road, Llandarcy, Neath Port Talbot, SA10 6EN Operator Name: Glass Tech Recycling Ltd Operator Location: Not Supplied Authority: Natural Resources Wales Site Category: Treatment of waste to produce soil <75,000 tpy Licence Status: Issued Issued: 4th 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	A12NW (E)	0	2	271271 195357
198	Licensed Waste Management Facilities (Locations) Licence Number: YP3795VF Location: Glass Tech Recycling Ltd, Llandarcy, Neath Port Talbot, West Glam, Neath Port Talbot, SA10 6EN Operator Name: Glass Tech Recycling Ltd Operator Location: Not Supplied Authority: Natural Resources Wales Site Category: Treatment of waste to produce soil <75,000 tpy Licence Status: Effective Issued: 4th 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	A12NW (E)	0	2	271271 195357

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
199	Licensed Waste Management Facilities (Locations) Licence Number: NP3598FH Location: Asbestos Store, Cuddy Demolition & Dismantling Ltd, Tank Farm Road, Llandarcy, N P T, Neath Port Talbot, SA10 6EN Operator Name: Cuddy Demolition & Dismantling Ltd Operator Location: Not Supplied Authority: Natural Resources Wales Site Category: Household, Commercial And Industrial Transfer Stations Licence Status: Effective Issued: 1st February 2002 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	A12NW (E)	0	2	271075 195374
199	Licensed Waste Management Facilities (Locations) Licence Number: NP3598FH Location: Asbestos Store, Cuddy Demolition & Dismantling Ltd, Tank Farm Road, Llandarcy, N P T, Neath Port Talbot, SA10 6EN Operator Name: Cuddy Demolition & Dismantling Ltd Operator Location: Not Supplied Authority: Natural Resources Wales Site Category: Special Waste Transfer Stations Licence Status: Effective Issued: 1st February 2002 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	A12NW (E)	0	2	271075 195374
200	Licensed Waste Management Facilities (Locations) Licence Number: 34116 Location: Llandarcy, Neath, N P T, SA10 6HJ Operator Name: BP Oil Llandarcy Refinery Ltd Operator Location: Not Supplied Authority: Natural Resources Wales Site Category: Treatment - Biological Licence Status: Surrendered Issued: 1st May 1995 Last Modified: Not Supplied Expires: Not Supplied Suspended: Not Supplied Revoked: Not Supplied Surrendered: 31st March 2003 IPPC Reference: Not Supplied Positional Accuracy: Located by supplier to within 100m	A11NE (E)	95	2	270900 195300
	Local Authority Landfill Coverage Name: Neath Port Talbot County Borough Council - Has supplied landfill data		0	3	270484 195216
	Local Authority Landfill Coverage Name: City and County of Swansea - Has no landfill data to supply		8	6	270037 195468
201	Local Authority Recorded Landfill Sites Location: Oil Refinery Llandarcy Reference: Not Supplied Authority: Neath Port Talbot County Borough Council, Environmental Health Department Last Reported Status: Not Supplied Types of Waste: Not Supplied Date of Closure: Not Supplied Positional Accuracy: Located by supplier to within 100m Boundary Quality: Not Applicable	A11NW (N)	0	3	270400 195500
202	Potentially Infilled Land (Non-Water) Bearing Ref: NE Use: Unknown Filled Ground (Pit, quarry etc) Date of Mapping: 1992	A11NE (NE)	0	-	270782 195497
203	Potentially Infilled Land (Non-Water) Bearing Ref: NE Use: Unknown Filled Ground (Pit, quarry etc) Date of Mapping: 1992	A11NW (NE)	0	-	270725 195517

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
204	Potentially Infilled Land (Non-Water) Bearing Ref: NE Use: Unknown Filled Ground (Pit, quarry etc) Date of Mapping: 1992	A11NE (NE)	0	-	271039 195449
205	Potentially Infilled Land (Non-Water) Bearing Ref: E Use: Unknown Filled Ground (Pit, quarry etc) Date of Mapping: 1992	A16SE (E)	0	-	271487 195562
206	Potentially Infilled Land (Non-Water) Bearing Ref: E Use: Unknown Filled Ground (Pit, quarry etc) Date of Mapping: 1992	A11NW (E)	94	-	270678 195220
207	Potentially Infilled Land (Non-Water) Bearing Ref: E Use: Unknown Filled Ground (Pit, quarry etc) Date of Mapping: 1980	A12SE (E)	336	-	271546 194958
208	Potentially Infilled Land (Non-Water) Bearing Ref: SE Use: Unknown Filled Ground (Pit, quarry etc) Date of Mapping: 1980	A7NE (SE)	460	-	270999 194682
209	Potentially Infilled Land (Non-Water) Bearing Ref: NW Use: Unknown Filled Ground (Pit, quarry etc) Date of Mapping: 1993	A13SE (NW)	545	-	269534 195644
210	Potentially Infilled Land (Non-Water) Bearing Ref: S Use: Unknown Filled Ground (Pit, quarry etc) Date of Mapping: 1980	A7NW (S)	576	-	270553 194690
211	Potentially Infilled Land (Non-Water) Bearing Ref: NW Use: Unknown Filled Ground (Pit, quarry etc) Date of Mapping: 1993	A13NE (NW)	650	-	269579 195925
212	Potentially Infilled Land (Non-Water) Bearing Ref: W Use: Unknown Filled Ground (Pit, quarry etc) Date of Mapping: 1993	A9NW (W)	668	-	269383 195462
213	Potentially Infilled Land (Non-Water) Bearing Ref: W Use: Unknown Filled Ground (Pit, quarry etc) Date of Mapping: 1993	A13SW (W)	682	-	269377 195562
214	Potentially Infilled Land (Non-Water) Bearing Ref: W Use: Unknown Filled Ground (Pit, quarry etc) Date of Mapping: 1993	A13SW (W)	700	-	269362 195585
215	Potentially Infilled Land (Non-Water) Bearing Ref: W Use: Unknown Filled Ground (Pit, quarry etc) Date of Mapping: 1993	A9NW (W)	714	-	269337 195485
216	Potentially Infilled Land (Non-Water) Bearing Ref: W Use: Unknown Filled Ground (Pit, quarry etc) Date of Mapping: 1993	A9NW (W)	739	-	269315 195371
217	Potentially Infilled Land (Non-Water) Bearing Ref: W Use: Unknown Filled Ground (Pit, quarry etc) Date of Mapping: 1993	A13SW (W)	836	-	269220 195550
218	Potentially Infilled Land (Non-Water) Bearing Ref: W Use: Unknown Filled Ground (Pit, quarry etc) Date of Mapping: 1993	A13SW (W)	947	-	269112 195579
219	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1938	A11NW (NW)	0	-	270438 195324
220	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1938	A11NW (NE)	0	-	270583 195434

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
221	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1938	A11SW (SE)	0	-	270727 194956
222	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1938	A11NW (E)	0	-	270638 195257
223	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1940	A16NW (NE)	0	-	271259 195918
224	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1940	A16SW (NE)	0	-	271201 195803
225	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1940	A16NE (NE)	0	-	271501 195904
226	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1884	A16NE (NE)	0	-	271697 196056
227	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1884	A16SW (NE)	0	-	271400 195851
228	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1884	(NE)	0	-	271315 196214
229	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1964	A7NW (S)	638	-	270589 194628
230	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1921	A4NW (SE)	992	-	271251 194094
231	Registered Landfill Sites Licence Holder: Bp Oil Llandarcy Refinery Licence Reference: NBWD 5 Site Location: Crymlyn Tip, Bp Llandarcy Refinery, Neath, West Glamorgan Licence Easting: 270400 Licence Northing: 195550 Operator Location: Britannic House, Llandarcy, Neath, West Glamorgan Authority: Environment Agency Wales, South West Area Site Category: Landfill Max Input Rate: Very Small (Less than 10,000 tonnes per year) Waste Source: Only waste produced on site Restrictions: Status: Operational as far as is knownOperational Dated: 30th October 1998 Preceded By: NBWD 5 Licence: Superseded By: Not Given Licence: Positional Accuracy: Manually positioned to the address or location Boundary Accuracy: Not Applicable Authorised Waste: Asbestos/Products Ion-Exchange Resins Non-Biodegradable Industrial Wastes (S75 Epa'90) Paper/Products Plastics/Products Scrap Metal Timber/Products Prohibited Waste: Liquid Wastes Powders Sludge Wastes Spec.Waste (Epa'90:S62/1996 Regs)N.O.S Waste N.O.S.	A15SW (N)	0	4	270400 195550

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
231	Registered Landfill Sites Licence Holder: Bp Oil Llandarcy Refinery Licence Reference: NBWD 5 Site Location: B.P Crymlyn Tip, Llandarcy, NEATH, West Glamorgan, SA10 6HJ Licence Easting: 270400 Licence Northing: 195550 Operator Location: Britannic House, Llandarcy, Neath, West Glamorgan Authority: Environment Agency Wales, South West Area Site Category: Landfill Max Input Rate: Very Small (Less than 10,000 tonnes per year) Waste Source: Only waste produced on site Restrictions: Status: Record supersededSuperseded Dated: 25th March 1994 Preceded By: NBWD 5 Licence: Superseded By: NBWD 5 Licence: Positional Accuracy: Manually positioned to the address or location Boundary Accuracy: Not Applicable Authorised Waste: Asbestos Contaminated Material Bitumens Non-Special Waste Oil Sludges Pyrophoric Material Vanadium Contaminated Material Waxes Prohibited Waste: List I Substances In Eec Dir. 80/68 Percussive/Explosive/Similar Waste Sub'S Control. Radioactive Subs Act'60	A15SW (N)	0	4	270400 195550
231	Registered Landfill Sites Licence Holder: Bp Oil Llandarcy Refinery Licence Reference: NBWD 5 Site Location: B.P Crymlyn Tip, Llandarcy, NEATH, West Glamorgan, SA10 6HJ Licence Easting: 270400 Licence Northing: 195550 Operator Location: Britannic House, Llandarcy, Neath, West Glamorgan Authority: Environment Agency Wales, South West Area Site Category: Landfill Max Input Rate: Very Small (Less than 10,000 tonnes per year) Waste Source: Only waste produced on site Restrictions: Status: Record supersededSuperseded Dated: 14th June 1977 Preceded By: Not Given Licence: Superseded By: NBWD 5 Licence: Positional Accuracy: Manually positioned to the address or location Boundary Accuracy: Not Applicable Authorised Waste: Asbestos Contaminated Rubbish/Bags/Sacks Empty Used Containers Ind. Non-Haz. Inert, Non-Flammable Industrial Effluent Treatment Sludge Interceptor Pit Wastes \$ Ion-Exchange Resin Wastes Mineral Oils Non-Haz, Non-Notifiable Waste Oil/Water Mixtures Other Industrial Wastes Other Inorganic Compounds Sewage Slag, Boiler/Flue Cleanings Tank Cleaning Sludge \$ Tar, Pitch, Bitumen, Asphalts Used Filter Materials \$	A15SW (N)	0	4	270400 195550

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
232	Registered Landfill Sites Licence Holder: Bp Oil Llandarcy Refinery Licence Reference: NBWD 14 Site Location: B.P Oil Sludge Landfarm, Llandarcy, NEATH, West Glamorgan, SA10 6HJ Licence Easting: 270900 Licence Northing: 195300 Operator Location: Britannic House, Llandarcy, Neath, West Glamorgan Authority: Environment Agency Wales, South West Area Site Category: Landfill - Sludge land farm Max Input Rate: Small (Equal to or greater than 10,000 and less than 25,000 tonnes per year) Waste Source: Only waste produced on site Restrictions: Status: May not be workingUnder Review Dated: 1st May 1995 Preceded By: Not Given Licence: Superseded By: Not Given Licence: Positional Accuracy: Approximate location provided by supplier Boundary Accuracy: Not Applicable Authorised Waste: Oil Contaminated Sludges Waste From Leaded Gasoline Tanks Prohibited Waste: Waste From Outside The Site	A11NW (E)	0	4	270655 195249
233	Registered Waste Treatment or Disposal Sites Licence Holder: Bp Oil Llandarcy Refinery Licence Reference: 4 Site Location: Acid Tar Burnery, Llandarcy, Neath, West Glamorgan Operator Location: Britannic House, Llandarcy, Neath, West Glamorgan Authority: Environment Agency Wales, South West Area Site Category: Incineration Max Input Rate: Very Small (Less than 10,000 tonnes per year) Waste Source: No known restriction on source of waste Restrictions: Licence Status: Licence lapsed/cancelled/defunct/not applicable/surrenderedCancelled Dated: 1st June 1977 Preceded By: Not Given Licence: Superseded By: Not Given Licence: Positional Accuracy: Approximate location provided by supplier Boundary Quality: Not Supplied Authorised Waste: Acid Tars	A16NW (NE)	0	4	271400 196000

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	BGS 1:625,000 Solid Geology Description: South Wales Upper Coal Measures Formation	A11NW (SW)	0	1	270484 195216
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Sediment Arsenic Concentration: 35 - 45 mg/kg Cadmium Concentration: 3.0 - 6.0 mg/kg Chromium Concentration: 60 - 90 mg/kg Lead Concentration: <100 mg/kg Nickel Concentration: 15 - 30 mg/kg	A15SE (NE)	0	1	271009 195832
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Sediment Arsenic Concentration: 35 - 45 mg/kg Cadmium Concentration: 3.0 - 6.0 mg/kg Chromium Concentration: 60 - 90 mg/kg Lead Concentration: <100 mg/kg Nickel Concentration: 15 - 30 mg/kg	A11NE (NE)	0	1	270786 195518
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Sediment Arsenic Concentration: 25 - 35 mg/kg Cadmium Concentration: 3.0 - 6.0 mg/kg Chromium Concentration: 60 - 90 mg/kg Lead Concentration: <100 mg/kg Nickel Concentration: 30 - 45 mg/kg	A12SW (E)	0	1	271184 195061
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Sediment Arsenic Concentration: 25 - 35 mg/kg Cadmium Concentration: 3.0 - 6.0 mg/kg Chromium Concentration: 60 - 90 mg/kg Lead Concentration: <100 mg/kg Nickel Concentration: 30 - 45 mg/kg	A11NW (NE)	0	1	270617 195371
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Sediment Arsenic Concentration: 25 - 35 mg/kg Cadmium Concentration: 3.0 - 6.0 mg/kg Chromium Concentration: 60 - 90 mg/kg Lead Concentration: <100 mg/kg Nickel Concentration: 30 - 45 mg/kg	A15SE (NE)	0	1	270940 195773
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Sediment Arsenic Concentration: 35 - 45 mg/kg Cadmium Concentration: 3.0 - 6.0 mg/kg Chromium Concentration: 60 - 90 mg/kg Lead Concentration: <100 mg/kg Nickel Concentration: 30 - 45 mg/kg	A11NE (E)	0	1	271040 195240

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Sediment Arsenic 35 - 45 mg/kg Concentration: Cadmium 3.0 - 6.0 mg/kg Concentration: Chromium 60 - 90 mg/kg Concentration: Lead Concentration: <100 mg/kg Nickel 15 - 30 mg/kg Concentration:	A11NW (SW)	0	1	270484 195216
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Sediment Arsenic 35 - 45 mg/kg Concentration: Cadmium 3.0 - 6.0 mg/kg Concentration: Chromium 60 - 90 mg/kg Concentration: Lead Concentration: <100 mg/kg Nickel 30 - 45 mg/kg Concentration:	A11NW (N)	0	1	270530 195388
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Sediment Arsenic 45 - 60 mg/kg Concentration: Cadmium 3.0 - 6.0 mg/kg Concentration: Chromium 60 - 90 mg/kg Concentration: Lead Concentration: <100 mg/kg Nickel 30 - 45 mg/kg Concentration:	(NE)	0	1	271304 196203
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Sediment Arsenic 25 - 35 mg/kg Concentration: Cadmium 3.0 - 6.0 mg/kg Concentration: Chromium 60 - 90 mg/kg Concentration: Lead Concentration: <100 mg/kg Nickel 30 - 45 mg/kg Concentration:	A12NE (E)	7	1	271464 195522
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Sediment Arsenic 35 - 45 mg/kg Concentration: Cadmium 2.2 - 3.0 mg/kg Concentration: Chromium 60 - 90 mg/kg Concentration: Lead Concentration: <100 mg/kg Nickel 30 - 45 mg/kg Concentration:	A12NE (E)	32	1	271500 195392
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Sediment Arsenic 25 - 35 mg/kg Concentration: Cadmium 2.2 - 3.0 mg/kg Concentration: Chromium 60 - 90 mg/kg Concentration: Lead Concentration: <100 mg/kg Nickel 30 - 45 mg/kg Concentration:	A12NE (E)	43	1	271500 195377

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Sediment Arsenic 45 - 60 mg/kg Concentration: Cadmium 2.2 - 3.0 mg/kg Concentration: Chromium 60 - 90 mg/kg Concentration: Lead Concentration: <100 mg/kg Nickel 15 - 30 mg/kg Concentration:	A12SW (E)	85	1	271096 195000
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Sediment Arsenic 25 - 35 mg/kg Concentration: Cadmium 2.2 - 3.0 mg/kg Concentration: Chromium 60 - 90 mg/kg Concentration: Lead Concentration: <100 mg/kg Nickel 30 - 45 mg/kg Concentration:	A12SW (E)	93	1	271256 195000
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Sediment Arsenic 35 - 45 mg/kg Concentration: Cadmium 3.0 - 6.0 mg/kg Concentration: Chromium 60 - 90 mg/kg Concentration: Lead Concentration: <100 mg/kg Nickel 30 - 45 mg/kg Concentration:	A11SW (E)	132	1	270671 195162
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Sediment Arsenic 35 - 45 mg/kg Concentration: Cadmium 2.2 - 3.0 mg/kg Concentration: Chromium 60 - 90 mg/kg Concentration: Lead Concentration: <100 mg/kg Nickel 15 - 30 mg/kg Concentration:	A12NE (E)	135	1	271500 195216
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Sediment Arsenic 35 - 45 mg/kg Concentration: Cadmium 2.2 - 3.0 mg/kg Concentration: Chromium 60 - 90 mg/kg Concentration: Lead Concentration: <100 mg/kg Nickel 15 - 30 mg/kg Concentration:	A11SE (SE)	137	1	270909 195000
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Sediment Arsenic 25 - 35 mg/kg Concentration: Cadmium 3.0 - 6.0 mg/kg Concentration: Chromium 60 - 90 mg/kg Concentration: Lead Concentration: <100 mg/kg Nickel 30 - 45 mg/kg Concentration:	A12NE (E)	139	1	271482 195375

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Sediment Arsenic 45 - 60 mg/kg Concentration: Cadmium 2.2 - 3.0 mg/kg Concentration: Chromium 60 - 90 mg/kg Concentration: Lead Concentration: <100 mg/kg Nickel 15 - 30 mg/kg Concentration:	A12SW (E)	154	1	271346 195000
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Sediment Arsenic 45 - 60 mg/kg Concentration: Cadmium 3.0 - 6.0 mg/kg Concentration: Chromium 60 - 90 mg/kg Concentration: Lead Concentration: <100 mg/kg Nickel 15 - 30 mg/kg Concentration:	A10SE (SW)	202	1	270149 195000
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Sediment Arsenic 45 - 60 mg/kg Concentration: Cadmium 2.2 - 3.0 mg/kg Concentration: Chromium 60 - 90 mg/kg Concentration: Lead Concentration: <100 mg/kg Nickel 15 - 30 mg/kg Concentration:	A11SE (SE)	206	1	270849 195000
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Sediment Arsenic 35 - 45 mg/kg Concentration: Cadmium 2.2 - 3.0 mg/kg Concentration: Chromium 60 - 90 mg/kg Concentration: Lead Concentration: <100 mg/kg Nickel 30 - 45 mg/kg Concentration:	A11SW (SE)	252	1	270653 195000
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Sediment Arsenic 35 - 45 mg/kg Concentration: Cadmium 2.2 - 3.0 mg/kg Concentration: Chromium 60 - 90 mg/kg Concentration: Lead Concentration: <100 mg/kg Nickel 15 - 30 mg/kg Concentration:	A11SW (S)	266	1	270500 195000
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Sediment Arsenic 45 - 60 mg/kg Concentration: Cadmium 2.2 - 3.0 mg/kg Concentration: Chromium 60 - 90 mg/kg Concentration: Lead Concentration: <100 mg/kg Nickel 15 - 30 mg/kg Concentration:	A11SW (SE)	267	1	270598 195000

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Sediment Arsenic 45 - 60 mg/kg Concentration: Cadmium 2.2 - 3.0 mg/kg Concentration: Chromium 60 - 90 mg/kg Concentration: Lead Concentration: <100 mg/kg Nickel 15 - 30 mg/kg Concentration:	A12SE (E)	330	1	271570 195000
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Sediment Arsenic 35 - 45 mg/kg Concentration: Cadmium 3.0 - 6.0 mg/kg Concentration: Chromium 60 - 90 mg/kg Concentration: Lead Concentration: <100 mg/kg Nickel 15 - 30 mg/kg Concentration:	A14SW (NW)	333	1	269807 195706
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Sediment Arsenic 35 - 45 mg/kg Concentration: Cadmium 2.2 - 3.0 mg/kg Concentration: Chromium 60 - 90 mg/kg Concentration: Lead Concentration: <100 mg/kg Nickel 15 - 30 mg/kg Concentration:	A8NE (E)	351	1	271463 194824
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Sediment Arsenic 45 - 60 mg/kg Concentration: Cadmium 3.0 - 6.0 mg/kg Concentration: Chromium 60 - 90 mg/kg Concentration: Lead Concentration: <100 mg/kg Nickel 15 - 30 mg/kg Concentration:	A10SE (SW)	382	1	270327 194872
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Sediment Arsenic 25 - 35 mg/kg Concentration: Cadmium 2.2 - 3.0 mg/kg Concentration: Chromium 60 - 90 mg/kg Concentration: Lead Concentration: <100 mg/kg Nickel 30 - 45 mg/kg Concentration:	A7NE (SE)	390	1	270937 194768
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Sediment Arsenic 25 - 35 mg/kg Concentration: Cadmium 2.2 - 3.0 mg/kg Concentration: Chromium 60 - 90 mg/kg Concentration: Lead Concentration: <100 mg/kg Nickel 15 - 30 mg/kg Concentration:	A7NW (S)	466	1	270638 194729

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Sediment Arsenic 25 - 35 mg/kg Concentration: Cadmium 2.2 - 3.0 mg/kg Concentration: Chromium 60 - 90 mg/kg Concentration: Lead Concentration: <100 mg/kg Nickel 30 - 45 mg/kg Concentration:	A7NE (SE)	500	1	270837 194696
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Sediment Arsenic 25 - 35 mg/kg Concentration: Cadmium 2.2 - 3.0 mg/kg Concentration: Chromium 60 - 90 mg/kg Concentration: Lead Concentration: <100 mg/kg Nickel 15 - 30 mg/kg Concentration:	A8SE (SE)	508	1	271461 194255
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Sediment Arsenic 25 - 35 mg/kg Concentration: Cadmium 3.0 - 6.0 mg/kg Concentration: Chromium 60 - 90 mg/kg Concentration: Lead Concentration: <100 mg/kg Nickel 30 - 45 mg/kg Concentration:	A7NW (S)	517	1	270500 194692
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Sediment Arsenic 35 - 45 mg/kg Concentration: Cadmium 3.0 - 6.0 mg/kg Concentration: Chromium 60 - 90 mg/kg Concentration: Lead Concentration: <100 mg/kg Nickel 30 - 45 mg/kg Concentration:	A6NE (SW)	519	1	270203 194692
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Sediment Arsenic 25 - 35 mg/kg Concentration: Cadmium 3.0 - 6.0 mg/kg Concentration: Chromium 60 - 90 mg/kg Concentration: Lead Concentration: <100 mg/kg Nickel 15 - 30 mg/kg Concentration:	A6NE (SW)	521	1	270252 194677
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Sediment Arsenic 35 - 45 mg/kg Concentration: Cadmium 2.2 - 3.0 mg/kg Concentration: Chromium 60 - 90 mg/kg Concentration: Lead Concentration: <100 mg/kg Nickel 15 - 30 mg/kg Concentration:	A8NE (SE)	527	1	271521 194587

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Sediment Arsenic 25 - 35 mg/kg Concentration: Cadmium 3.0 - 6.0 mg/kg Concentration: Chromium 60 - 90 mg/kg Concentration: Lead Concentration: <100 mg/kg Nickel 30 - 45 mg/kg Concentration:	A6NE (SW)	533	1	270159 194673
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Sediment Arsenic 25 - 35 mg/kg Concentration: Cadmium 2.2 - 3.0 mg/kg Concentration: Chromium 60 - 90 mg/kg Concentration: Lead Concentration: <100 mg/kg Nickel 30 - 45 mg/kg Concentration:	A7NW (S)	546	1	270616 194721
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Sediment Arsenic 35 - 45 mg/kg Concentration: Cadmium 2.2 - 3.0 mg/kg Concentration: Chromium 60 - 90 mg/kg Concentration: Lead Concentration: <100 mg/kg Nickel 30 - 45 mg/kg Concentration:	A7NW (S)	571	1	270573 194608
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Sediment Arsenic 35 - 45 mg/kg Concentration: Cadmium 2.2 - 3.0 mg/kg Concentration: Chromium 60 - 90 mg/kg Concentration: Lead Concentration: <100 mg/kg Nickel 15 - 30 mg/kg Concentration:	A7NE (SE)	580	1	270916 194575
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Sediment Arsenic 35 - 45 mg/kg Concentration: Cadmium 2.2 - 3.0 mg/kg Concentration: Chromium 60 - 90 mg/kg Concentration: Lead Concentration: <100 mg/kg Nickel 15 - 30 mg/kg Concentration:	A7NW (S)	598	1	270603 194583
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Sediment Arsenic 35 - 45 mg/kg Concentration: Cadmium 3.0 - 6.0 mg/kg Concentration: Chromium 60 - 90 mg/kg Concentration: Lead Concentration: <100 mg/kg Nickel 30 - 45 mg/kg Concentration:	A6NE (S)	619	1	270318 194598

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Sediment Arsenic 45 - 60 mg/kg Concentration: Cadmium 3.0 - 6.0 mg/kg Concentration: Chromium 60 - 90 mg/kg Concentration: Lead Concentration: <100 mg/kg Nickel 15 - 30 mg/kg Concentration:	A6NE (SW)	620	1	270117 194582
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Sediment Arsenic 45 - 60 mg/kg Concentration: Cadmium 3.0 - 6.0 mg/kg Concentration: Chromium 60 - 90 mg/kg Concentration: Lead Concentration: <100 mg/kg Nickel 15 - 30 mg/kg Concentration:	A7NW (S)	643	1	270500 194602
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Sediment Arsenic 35 - 45 mg/kg Concentration: Cadmium 3.0 - 6.0 mg/kg Concentration: Chromium 60 - 90 mg/kg Concentration: Lead Concentration: <100 mg/kg Nickel 15 - 30 mg/kg Concentration:	A6NE (SW)	649	1	270095 194553
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Sediment Arsenic 45 - 60 mg/kg Concentration: Cadmium 2.2 - 3.0 mg/kg Concentration: Chromium 60 - 90 mg/kg Concentration: Lead Concentration: <100 mg/kg Nickel 15 - 30 mg/kg Concentration:	A7NW (S)	659	1	270525 194604
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Sediment Arsenic 35 - 45 mg/kg Concentration: Cadmium 2.2 - 3.0 mg/kg Concentration: Chromium 60 - 90 mg/kg Concentration: Lead Concentration: <100 mg/kg Nickel 15 - 30 mg/kg Concentration:	A6SE (SW)	702	1	270127 194500
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Sediment Arsenic 35 - 45 mg/kg Concentration: Cadmium 3.0 - 6.0 mg/kg Concentration: Chromium 60 - 90 mg/kg Concentration: Lead Concentration: <100 mg/kg Nickel 15 - 30 mg/kg Concentration:	A9NW (W)	716	1	269334 194500

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Sediment Arsenic 25 - 35 mg/kg Concentration: Cadmium 2.2 - 3.0 mg/kg Concentration: Chromium 60 - 90 mg/kg Concentration: Lead Concentration: <100 mg/kg Nickel 30 - 45 mg/kg Concentration:	A7SW (S)	732	1	270513 194463
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Sediment Arsenic 35 - 45 mg/kg Concentration: Cadmium 2.2 - 3.0 mg/kg Concentration: Chromium 60 - 90 mg/kg Concentration: Lead Concentration: <100 mg/kg Nickel 15 - 30 mg/kg Concentration:	A7SW (S)	735	1	270701 194486
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Sediment Arsenic 35 - 45 mg/kg Concentration: Cadmium 3.0 - 6.0 mg/kg Concentration: Chromium 60 - 90 mg/kg Concentration: Lead Concentration: <100 mg/kg Nickel 30 - 45 mg/kg Concentration:	A9NW (W)	739	1	269311 195447
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Sediment Arsenic 25 - 35 mg/kg Concentration: Cadmium 2.2 - 3.0 mg/kg Concentration: Chromium 60 - 90 mg/kg Concentration: Lead Concentration: <100 mg/kg Nickel 15 - 30 mg/kg Concentration:	A7SW (S)	742	1	270403 194479
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Sediment Arsenic 25 - 35 mg/kg Concentration: Cadmium 2.2 - 3.0 mg/kg Concentration: Chromium 60 - 90 mg/kg Concentration: Lead Concentration: <100 mg/kg Nickel 30 - 45 mg/kg Concentration:	A6SE (SW)	754	1	270136 194449
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Sediment Arsenic 35 - 45 mg/kg Concentration: Cadmium 2.2 - 3.0 mg/kg Concentration: Chromium 60 - 90 mg/kg Concentration: Lead Concentration: <100 mg/kg Nickel 30 - 45 mg/kg Concentration:	A7SW (S)	772	1	270424 194449

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Sediment Arsenic 35 - 45 mg/kg Concentration: Cadmium 2.2 - 3.0 mg/kg Concentration: Chromium 60 - 90 mg/kg Concentration: Lead Concentration: <100 mg/kg Nickel 15 - 30 mg/kg Concentration:	A6SE (S)	783	1	270230 194407
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Sediment Arsenic 35 - 45 mg/kg Concentration: Cadmium 2.2 - 3.0 mg/kg Concentration: Chromium 60 - 90 mg/kg Concentration: Lead Concentration: <100 mg/kg Nickel 15 - 30 mg/kg Concentration:	A7SW (S)	784	1	270644 194398
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Sediment Arsenic 45 - 60 mg/kg Concentration: Cadmium 2.2 - 3.0 mg/kg Concentration: Chromium 60 - 90 mg/kg Concentration: Lead Concentration: <100 mg/kg Nickel 15 - 30 mg/kg Concentration:	A6SE (S)	824	1	270230 194389
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Sediment Arsenic 25 - 35 mg/kg Concentration: Cadmium 3.0 - 6.0 mg/kg Concentration: Chromium 60 - 90 mg/kg Concentration: Lead Concentration: <100 mg/kg Nickel 30 - 45 mg/kg Concentration:	A6SW (SW)	828	1	270000 194380
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Sediment Arsenic 45 - 60 mg/kg Concentration: Cadmium 2.2 - 3.0 mg/kg Concentration: Chromium 60 - 90 mg/kg Concentration: Lead Concentration: <100 mg/kg Nickel 15 - 30 mg/kg Concentration:	A7SW (S)	830	1	270506 194439
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Sediment Arsenic 25 - 35 mg/kg Concentration: Cadmium 2.2 - 3.0 mg/kg Concentration: Chromium 60 - 90 mg/kg Concentration: Lead Concentration: <100 mg/kg Nickel 30 - 45 mg/kg Concentration:	A7SW (S)	850	1	270450 194385

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Sediment Arsenic 35 - 45 mg/kg Concentration: Cadmium 3.0 - 6.0 mg/kg Concentration: Chromium 60 - 90 mg/kg Concentration: Lead Concentration: <100 mg/kg Nickel 15 - 30 mg/kg Concentration:	A13SW (W)	858	1	269214 195658
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Sediment Arsenic 35 - 45 mg/kg Concentration: Cadmium 3.0 - 6.0 mg/kg Concentration: Chromium 60 - 90 mg/kg Concentration: Lead Concentration: <100 mg/kg Nickel 15 - 30 mg/kg Concentration:	A6SW (SW)	863	1	270000 194344
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Sediment Arsenic 35 - 45 mg/kg Concentration: Cadmium 3.0 - 6.0 mg/kg Concentration: Chromium 60 - 90 mg/kg Concentration: Lead Concentration: <100 mg/kg Nickel 15 - 30 mg/kg Concentration:	A13NW (NW)	874	1	269308 195937
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Sediment Arsenic 25 - 35 mg/kg Concentration: Cadmium 2.2 - 3.0 mg/kg Concentration: Chromium 60 - 90 mg/kg Concentration: Lead Concentration: <100 mg/kg Nickel 30 - 45 mg/kg Concentration:	A7SW (S)	874	1	270434 194296
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Sediment Arsenic 45 - 60 mg/kg Concentration: Cadmium 2.2 - 3.0 mg/kg Concentration: Chromium 60 - 90 mg/kg Concentration: Lead Concentration: <100 mg/kg Nickel 15 - 30 mg/kg Concentration:	A6SE (S)	879	1	270334 194352
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Sediment Arsenic 35 - 45 mg/kg Concentration: Cadmium 3.0 - 6.0 mg/kg Concentration: Chromium 60 - 90 mg/kg Concentration: Lead Concentration: <100 mg/kg Nickel 30 - 45 mg/kg Concentration:	A13SW (W)	901	1	269160 195593

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Sediment Arsenic 45 - 60 mg/kg Concentration: Cadmium 3.0 - 6.0 mg/kg Concentration: Chromium 60 - 90 mg/kg Concentration: Lead Concentration: <100 mg/kg Nickel 15 - 30 mg/kg Concentration:	A6SW (SW)	903	1	269763 194364
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Sediment Arsenic 45 - 60 mg/kg Concentration: Cadmium 2.2 - 3.0 mg/kg Concentration: Chromium 60 - 90 mg/kg Concentration: Lead Concentration: <100 mg/kg Nickel 15 - 30 mg/kg Concentration:	A7SW (S)	905	1	270436 194355
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Sediment Arsenic 35 - 45 mg/kg Concentration: Cadmium 3.0 - 6.0 mg/kg Concentration: Chromium 60 - 90 mg/kg Concentration: Lead Concentration: <100 mg/kg Nickel 30 - 45 mg/kg Concentration:	A9NW (W)	914	1	269137 195481
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Sediment Arsenic 25 - 35 mg/kg Concentration: Cadmium 2.2 - 3.0 mg/kg Concentration: Chromium 60 - 90 mg/kg Concentration: Lead Concentration: <100 mg/kg Nickel 30 - 45 mg/kg Concentration:	A6SE (S)	919	1	270228 194291
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Sediment Arsenic 25 - 35 mg/kg Concentration: Cadmium 2.2 - 3.0 mg/kg Concentration: Chromium 60 - 90 mg/kg Concentration: Lead Concentration: <100 mg/kg Nickel 15 - 30 mg/kg Concentration:	A6SE (S)	920	1	270274 194294
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Sediment Arsenic 25 - 35 mg/kg Concentration: Cadmium 2.2 - 3.0 mg/kg Concentration: Chromium 60 - 90 mg/kg Concentration: Lead Concentration: <100 mg/kg Nickel 30 - 45 mg/kg Concentration:	A6SE (S)	925	1	270330 194296

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Sediment Arsenic 25 - 35 mg/kg Concentration: Cadmium 2.2 - 3.0 mg/kg Concentration: Chromium 60 - 90 mg/kg Concentration: Lead Concentration: <100 mg/kg Nickel 15 - 30 mg/kg Concentration:	A7SW (S)	935	1	270432 194296
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Sediment Arsenic 35 - 45 mg/kg Concentration: Cadmium 2.2 - 3.0 mg/kg Concentration: Chromium 60 - 90 mg/kg Concentration: Lead Concentration: <100 mg/kg Nickel 15 - 30 mg/kg Concentration:	A7SW (S)	956	1	270585 194251
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Sediment Arsenic 45 - 60 mg/kg Concentration: Cadmium 2.2 - 3.0 mg/kg Concentration: Chromium 60 - 90 mg/kg Concentration: Lead Concentration: <100 mg/kg Nickel 15 - 30 mg/kg Concentration:	A7SW (S)	961	1	270448 194267
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Sediment Arsenic 35 - 45 mg/kg Concentration: Cadmium 2.2 - 3.0 mg/kg Concentration: Chromium 60 - 90 mg/kg Concentration: Lead Concentration: <100 mg/kg Nickel 30 - 45 mg/kg Concentration:	A6SE (S)	961	1	270245 194252
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Sediment Arsenic 35 - 45 mg/kg Concentration: Cadmium 2.2 - 3.0 mg/kg Concentration: Chromium 60 - 90 mg/kg Concentration: Lead Concentration: <100 mg/kg Nickel 30 - 45 mg/kg Concentration:	A6SE (S)	966	1	270357 194265
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Sediment Arsenic 35 - 45 mg/kg Concentration: Cadmium 2.2 - 3.0 mg/kg Concentration: Chromium 60 - 90 mg/kg Concentration: Lead Concentration: <100 mg/kg Nickel 30 - 45 mg/kg Concentration:	A7SW (S)	982	1	270436 194268

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Sediment Arsenic: 25 - 35 mg/kg Concentration: Cadmium: 3.0 - 6.0 mg/kg Concentration: Chromium: 60 - 90 mg/kg Concentration: Lead Concentration: <100 mg/kg Nickel: 30 - 45 mg/kg Concentration:	A6SW (SW)	995	1	270000 194212
234	BGS Recorded Mineral Sites Site Name: Coed- Ffranc Location: Llandarcy, Port Talbot, West Glamorgan Source: British Geological Survey, National Geoscience Information Service Reference: 156441 Type: Underground Status: Ceased Operator: Unknown Operator Operator Location: Not Supplied Periodic Type: Carboniferous Geology: Hughes Member Commodity: Coal - Deep Positional Accuracy: Located by supplier to within 10m	A15SW (NE)	0	1	270659 195551
235	BGS Recorded Mineral Sites Site Name: Coed- Ffranc Location: Llandarcy, Port Talbot, West Glamorgan Source: British Geological Survey, National Geoscience Information Service Reference: 156442 Type: Underground Status: Ceased Operator: Unknown Operator Operator Location: Not Supplied Periodic Type: Carboniferous Geology: Hughes Member Commodity: Coal - Deep Positional Accuracy: Located by supplier to within 10m	A11NE (NE)	0	1	270792 195494
236	BGS Recorded Mineral Sites Site Name: Coed- Ffranc Location: Llandarcy, Port Talbot, West Glamorgan Source: British Geological Survey, National Geoscience Information Service Reference: 156443 Type: Underground Status: Ceased Operator: Unknown Operator Operator Location: Not Supplied Periodic Type: Carboniferous Geology: Hughes Member Commodity: Coal - Deep Positional Accuracy: Located by supplier to within 10m	A11NE (E)	0	1	271052 195449
237	BGS Recorded Mineral Sites Site Name: Henbarc Cottage Location: Llandarcy, Neath, West Glamorgan Source: British Geological Survey, National Geoscience Information Service Reference: 154114 Type: Opencast Status: Ceased Operator: Unknown Operator Operator Location: Not Supplied Periodic Type: Carboniferous Geology: Hughes Member Commodity: Sandstone Positional Accuracy: Located by supplier to within 10m	A16SE (E)	54	1	271554 195584
238	BGS Recorded Mineral Sites Site Name: Glan-Y-Wern Farm Location: Llandarcy, Port Talbot, West Glamorgan Source: British Geological Survey, National Geoscience Information Service Reference: 156431 Type: Opencast Status: Ceased Operator: Unknown Operator Operator Location: Not Supplied Periodic Type: Carboniferous Geology: Hughes Member Commodity: Sandstone Positional Accuracy: Located by supplier to within 10m	A11NW (E)	60	1	270642 195232

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
239	BGS Recorded Mineral Sites Site Name: Graig Dew Location: Llandarcy, Port Talbot, West Glamorgan Source: British Geological Survey, National Geoscience Information Service Reference: 156445 Type: Opencast Status: Ceased Operator: Unknown Operator Operator Location: Not Supplied Periodic Type: Carboniferous Geology: Llynfi Member, Rhondda Member And Brithdir Member (Undifferentiated) Commodity: Sandstone Positional Accuracy: Located by supplier to within 10m	A8NW (SE)	285	1	271100 194826
240	BGS Recorded Mineral Sites Site Name: Henbarc Farm Location: Llandarcy, Port Talbot, West Glamorgan Source: British Geological Survey, National Geoscience Information Service Reference: 156435 Type: Opencast Status: Ceased Operator: Unknown Operator Operator Location: Not Supplied Periodic Type: Carboniferous Geology: Llynfi Member, Rhondda Member And Brithdir Member (Undifferentiated) Commodity: Sandstone Positional Accuracy: Located by supplier to within 10m	A12SE (E)	299	1	271518 194982
241	BGS Recorded Mineral Sites Site Name: Graig Dew Location: Llandarcy, Port Talbot, West Glamorgan Source: British Geological Survey, National Geoscience Information Service Reference: 156446 Type: Underground Status: Ceased Operator: Unknown Operator Operator Location: Not Supplied Periodic Type: Carboniferous Geology: Llynfi Member, Rhondda Member And Brithdir Member (Undifferentiated) Commodity: Coal - Deep Positional Accuracy: Located by supplier to within 10m	A7NE (SE)	452	1	271050 194666
242	BGS Recorded Mineral Sites Site Name: Glan-Y-Wern Farm Location: Llandarcy, Port Talbot, West Glamorgan Source: British Geological Survey, National Geoscience Information Service Reference: 156447 Type: Underground Status: Ceased Operator: Unknown Operator Operator Location: Not Supplied Periodic Type: Carboniferous Geology: Hughes Member Commodity: Coal - Deep Positional Accuracy: Located by supplier to within 10m	A7NW (S)	579	1	270564 194687
243	BGS Recorded Mineral Sites Site Name: Tal-Y-Wendda Location: Llansamlet, Neath, West Glamorgan Source: British Geological Survey, National Geoscience Information Service Reference: 154127 Type: Underground Status: Ceased Operator: Unknown Operator Operator Location: Not Supplied Periodic Type: Carboniferous Geology: Swansea Member Commodity: Coal - Deep Positional Accuracy: Located by supplier to within 10m	A13NE (NW)	654	1	269581 195933
244	BGS Recorded Mineral Sites Site Name: Glan-Y-Wern Colliery Location: Gorseinon, Swansea, West Glamorgan Source: British Geological Survey, National Geoscience Information Service Reference: 154186 Type: Underground Status: Ceased Operator: Unknown Operator Operator Location: Not Supplied Periodic Type: Carboniferous Geology: Swansea Member Commodity: Coal - Deep Positional Accuracy: Located by supplier to within 10m	A13SE (NW)	665	1	269430 195712

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
245	BGS Recorded Mineral Sites Site Name: Pant-Y-Gefyll Location: Swansea, West Glamorgan Source: British Geological Survey, National Geoscience Information Service Reference: 156469 Type: Underground Status: Ceased Operator: Unknown Operator Operator Location: Not Supplied Periodic Type: Carboniferous Geology: Swansea Member Commodity: Coal - Deep Positional Accuracy: Located by supplier to within 10m	A13SW (W)	678	1	269379 195546
245	BGS Recorded Mineral Sites Site Name: Pant-Y-Gefyll Location: Swansea, West Glamorgan Source: British Geological Survey, National Geoscience Information Service Reference: 156453 Type: Underground Status: Ceased Operator: Unknown Operator Operator Location: Not Supplied Periodic Type: Carboniferous Geology: Swansea Member Commodity: Coal - Deep Positional Accuracy: Located by supplier to within 10m	A13SW (W)	704	1	269357 195578
246	BGS Recorded Mineral Sites Site Name: Glan-Y-Wern Colliery Location: Gorseinon, Swansea, West Glamorgan Source: British Geological Survey, National Geoscience Information Service Reference: 154167 Type: Underground Status: Ceased Operator: Unknown Operator Operator Location: Not Supplied Periodic Type: Carboniferous Geology: Swansea Member Commodity: Coal - Deep Positional Accuracy: Located by supplier to within 10m	A13SE (NW)	686	1	269439 195786
247	BGS Recorded Mineral Sites Site Name: Pant-Y-Gefyll Location: Swansea, West Glamorgan Source: British Geological Survey, National Geoscience Information Service Reference: 156454 Type: Underground Status: Ceased Operator: Unknown Operator Operator Location: Not Supplied Periodic Type: Carboniferous Geology: Swansea Member Commodity: Coal - Deep Positional Accuracy: Located by supplier to within 10m	A9NW (W)	713	1	269337 195451
247	BGS Recorded Mineral Sites Site Name: Pant-Y-Gefyll Location: Swansea, West Glamorgan Source: British Geological Survey, National Geoscience Information Service Reference: 156455 Type: Underground Status: Ceased Operator: Unknown Operator Operator Location: Not Supplied Periodic Type: Carboniferous Geology: Swansea Member Commodity: Coal - Deep Positional Accuracy: Located by supplier to within 10m	A9NW (W)	728	1	269323 195484
248	BGS Recorded Mineral Sites Site Name: Pant-Y-Gefyll Location: Swansea, West Glamorgan Source: British Geological Survey, National Geoscience Information Service Reference: 156476 Type: Underground Status: Ceased Operator: Unknown Operator Operator Location: Not Supplied Periodic Type: Carboniferous Geology: Hughes Member Commodity: Coal - Deep Positional Accuracy: Located by supplier to within 10m	A9NW (W)	855	1	269200 195357

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
249	BGS Recorded Mineral Sites Site Name: Pant-Y-Gefyll Location: Swansea, West Glamorgan Source: British Geological Survey, National Geoscience Information Service Reference: 156451 Type: Opencast Status: Ceased Operator: Unknown Operator Operator Location: Not Supplied Periodic Type: Carboniferous Geology: Swansea Member Commodity: Sandstone Positional Accuracy: Located by supplier to within 10m	A13SW (W)	958	1	269100 195575
	BGS Measured Urban Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Grid: 271250, 194240 Soil Sample Type: Topsoil Sample Area: Swansea Arsenic Measured 217.10 mg/kg Concentration: Cadmium Measured 0.70 mg/kg Concentration: Chromium Measured 62.80 mg/kg Concentration: Lead Measured 329.30 mg/kg Concentration: Nickel Measured 56.70 mg/kg Concentration:	A8SW (SE)	846	1	271250 194240
	BGS Urban Soil Chemistry Averages Source: British Geological Survey, National Geoscience Information Service Sample Area: Swansea Count Id: 368 Arsenic Minimum 8.00 mg/kg Concentration: Arsenic Average 79.00 mg/kg Concentration: Arsenic Maximum 2161.00 mg/kg Concentration: Cadmium Minimum 0.10 mg/kg Concentration: Cadmium Average 2.90 mg/kg Concentration: Cadmium Maximum 61.90 mg/kg Concentration: Chromium Minimum 13.00 mg/kg Concentration: Chromium Average 72.00 mg/kg Concentration: Chromium Maximum 562.00 mg/kg Concentration: Lead Minimum 23.00 mg/kg Concentration: Lead Average 413.00 mg/kg Concentration: Lead Maximum 10000.00 mg/kg Concentration: Nickel Minimum 8.00 mg/kg Concentration: Nickel Average 52.00 mg/kg Concentration: Nickel Maximum 384.00 mg/kg Concentration:	A15SW (N)	0	1	270484 195700
	Coal Mining Affected Areas Description: In an area which may be affected by coal mining activity. It is recommended that a coal mining report is obtained from the Coal Authority. Contact details are included in the Useful Contacts section of this report.	A11NW (SW)	0	7	270484 195216
	Mining Instability Mining Evidence: Inconclusive Coal Mining Source: Ove Arup & Partners Boundary Quality: As Supplied	A11NW (SW)	0	-	270484 195216
	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	A11NE (E)	0	1	271055 195228

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	Potential for Collapsible Ground Stability Hazards Hazard Potential: No Hazard Source: British Geological Survey, National Geoscience Information Service	A11NW (NE)	0	1	270552 195379
	Potential for Collapsible Ground Stability Hazards Hazard Potential: Very Low Source: British Geological Survey, National Geoscience Information Service	A11NW (SW)	0	1	270484 195216
	Potential for Collapsible Ground Stability Hazards Hazard Potential: No Hazard Source: British Geological Survey, National Geoscience Information Service	A10NW (W)	50	1	270000 195216
	Potential for Collapsible Ground Stability Hazards Hazard Potential: Very Low Source: British Geological Survey, National Geoscience Information Service	A11SW (S)	85	1	270484 195000
	Potential for Collapsible Ground Stability Hazards Hazard Potential: No Hazard Source: British Geological Survey, National Geoscience Information Service	A11SW (E)	130	1	270681 195171
	Potential for Collapsible Ground Stability Hazards Hazard Potential: No Hazard Source: British Geological Survey, National Geoscience Information Service	A10SW (SW)	210	1	270042 195000
	Potential for Collapsible Ground Stability Hazards Hazard Potential: No Hazard Source: British Geological Survey, National Geoscience Information Service	A10SW (SW)	225	1	270000 195000
	Potential for Collapsible Ground Stability Hazards Hazard Potential: No Hazard Source: British Geological Survey, National Geoscience Information Service	A11SW (SE)	244	1	270657 195000
	Potential for Compressible Ground Stability Hazards Hazard Potential: Very Low Source: British Geological Survey, National Geoscience Information Service	A11NE (E)	0	1	271014 195283
	Potential for Compressible Ground Stability Hazards Hazard Potential: High Source: British Geological Survey, National Geoscience Information Service	A15SW (N)	0	1	270564 195556
	Potential for Compressible Ground Stability Hazards Hazard Potential: High Source: British Geological Survey, National Geoscience Information Service	A12NW (E)	0	1	271261 195337
	Potential for Compressible Ground Stability Hazards Hazard Potential: High Source: British Geological Survey, National Geoscience Information Service	A11NW (NE)	0	1	270552 195379
	Potential for Compressible Ground Stability Hazards Hazard Potential: No Hazard Source: British Geological Survey, National Geoscience Information Service	A11NW (SW)	0	1	270484 195216
	Potential for Compressible Ground Stability Hazards Hazard Potential: High Source: British Geological Survey, National Geoscience Information Service	A10NW (W)	50	1	270000 195216
	Potential for Compressible Ground Stability Hazards Hazard Potential: No Hazard Source: British Geological Survey, National Geoscience Information Service	A11SW (S)	85	1	270484 195000
	Potential for Compressible Ground Stability Hazards Hazard Potential: High Source: British Geological Survey, National Geoscience Information Service	A10SW (SW)	210	1	270042 195000
	Potential for Compressible Ground Stability Hazards Hazard Potential: High Source: British Geological Survey, National Geoscience Information Service	A10SW (SW)	225	1	270000 195000
	Potential for Ground Dissolution Stability Hazards Hazard Potential: No Hazard Source: British Geological Survey, National Geoscience Information Service	A11NW (SW)	0	1	270484 195216
	Potential for Ground Dissolution Stability Hazards Hazard Potential: No Hazard Source: British Geological Survey, National Geoscience Information Service	A10NW (W)	50	1	270000 195216
	Potential for Ground Dissolution Stability Hazards Hazard Potential: No Hazard Source: British Geological Survey, National Geoscience Information Service	A11SW (S)	85	1	270484 195000
	Potential for Ground Dissolution Stability Hazards Hazard Potential: No Hazard Source: British Geological Survey, National Geoscience Information Service	A10SW (SW)	225	1	270000 195000

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	Potential for Landslide Ground Stability Hazards Hazard Potential: Low Source: British Geological Survey, National Geoscience Information Service	A15SE (NE)	0	1	270953 195639
	Potential for Landslide Ground Stability Hazards Hazard Potential: Low Source: British Geological Survey, National Geoscience Information Service	A10NE (NW)	0	1	270286 195316
	Potential for Landslide Ground Stability Hazards Hazard Potential: Low Source: British Geological Survey, National Geoscience Information Service	A16NW (NE)	0	1	271281 196188
	Potential for Landslide Ground Stability Hazards Hazard Potential: Low Source: British Geological Survey, National Geoscience Information Service	A15SW (N)	0	1	270450 195535
	Potential for Landslide Ground Stability Hazards Hazard Potential: Low Source: British Geological Survey, National Geoscience Information Service	A11NE (NE)	0	1	270740 195338
	Potential for Landslide Ground Stability Hazards Hazard Potential: Low Source: British Geological Survey, National Geoscience Information Service	A11NW (N)	0	1	270473 195329
	Potential for Landslide Ground Stability Hazards Hazard Potential: Low Source: British Geological Survey, National Geoscience Information Service	A12SW (E)	0	1	271160 195129
	Potential for Landslide Ground Stability Hazards Hazard Potential: Moderate Source: British Geological Survey, National Geoscience Information Service	A11NE (NE)	0	1	270875 195443
	Potential for Landslide Ground Stability Hazards Hazard Potential: Moderate Source: British Geological Survey, National Geoscience Information Service	A11NE (NE)	0	1	270747 195460
	Potential for Landslide Ground Stability Hazards Hazard Potential: Low Source: British Geological Survey, National Geoscience Information Service	A16SW (NE)	0	1	271358 195800
	Potential for Landslide Ground Stability Hazards Hazard Potential: Low Source: British Geological Survey, National Geoscience Information Service	A15SW (N)	0	1	270641 195667
	Potential for Landslide Ground Stability Hazards Hazard Potential: Low Source: British Geological Survey, National Geoscience Information Service	A16NE (NE)	0	1	271514 195889
	Potential for Landslide Ground Stability Hazards Hazard Potential: Very Low Source: British Geological Survey, National Geoscience Information Service	A11NW (SW)	0	1	270484 195216
	Potential for Landslide Ground Stability Hazards Hazard Potential: Moderate Source: British Geological Survey, National Geoscience Information Service	A15SW (N)	0	1	270489 195634
	Potential for Landslide Ground Stability Hazards Hazard Potential: Moderate Source: British Geological Survey, National Geoscience Information Service	A15SE (NE)	0	1	270804 195829
	Potential for Landslide Ground Stability Hazards Hazard Potential: Low Source: British Geological Survey, National Geoscience Information Service	A12SW (E)	45	1	271103 195028
	Potential for Landslide Ground Stability Hazards Hazard Potential: Very Low Source: British Geological Survey, National Geoscience Information Service	A10NW (W)	50	1	270000 195216
	Potential for Landslide Ground Stability Hazards Hazard Potential: Very Low Source: British Geological Survey, National Geoscience Information Service	A11SE (SE)	85	1	270913 195000
	Potential for Landslide Ground Stability Hazards Hazard Potential: Low Source: British Geological Survey, National Geoscience Information Service	A12SW (E)	86	1	271115 195000
	Potential for Landslide Ground Stability Hazards Hazard Potential: Low Source: British Geological Survey, National Geoscience Information Service	A10SE (W)	94	1	270175 195129
	Potential for Landslide Ground Stability Hazards Hazard Potential: Low Source: British Geological Survey, National Geoscience Information Service	A12SE (E)	139	1	271626 195000

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	Potential for Landslide Ground Stability Hazards Hazard Potential: Low Source: British Geological Survey, National Geoscience Information Service	A12NE (E)	192	1	271544 195238
	Potential for Landslide Ground Stability Hazards Hazard Potential: Very Low Source: British Geological Survey, National Geoscience Information Service	A11SW (S)	202	1	270484 195000
	Potential for Landslide Ground Stability Hazards Hazard Potential: Low Source: British Geological Survey, National Geoscience Information Service	A11SE (SE)	203	1	270872 195000
	Potential for Landslide Ground Stability Hazards Hazard Potential: Low Source: British Geological Survey, National Geoscience Information Service	A10SE (SW)	221	1	270141 194967
	Potential for Landslide Ground Stability Hazards Hazard Potential: Very Low Source: British Geological Survey, National Geoscience Information Service	A10SW (SW)	225	1	270000 195000
	Potential for Running Sand Ground Stability Hazards Hazard Potential: Very Low Source: British Geological Survey, National Geoscience Information Service	A11NE (E)	0	1	271014 195283
	Potential for Running Sand Ground Stability Hazards Hazard Potential: No Hazard Source: British Geological Survey, National Geoscience Information Service	A11NW (SW)	0	1	270484 195216
	Potential for Running Sand Ground Stability Hazards Hazard Potential: Very Low Source: British Geological Survey, National Geoscience Information Service	A12SW (E)	0	1	271238 195110
	Potential for Running Sand Ground Stability Hazards Hazard Potential: Very Low Source: British Geological Survey, National Geoscience Information Service	A11NW (NE)	0	1	270581 195305
	Potential for Running Sand Ground Stability Hazards Hazard Potential: Very Low Source: British Geological Survey, National Geoscience Information Service	A10NW (W)	50	1	270000 195216
	Potential for Running Sand Ground Stability Hazards Hazard Potential: No Hazard Source: British Geological Survey, National Geoscience Information Service	A11SW (S)	85	1	270484 195000
	Potential for Running Sand Ground Stability Hazards Hazard Potential: Very Low Source: British Geological Survey, National Geoscience Information Service	A10SW (SW)	129	1	270052 195000
	Potential for Running Sand Ground Stability Hazards Hazard Potential: Very Low Source: British Geological Survey, National Geoscience Information Service	A10SW (SW)	225	1	270000 195000
	Potential for Shrinking or Swelling Clay Ground Stability Hazards Hazard Potential: No Hazard Source: British Geological Survey, National Geoscience Information Service	A11NE (E)	0	1	271056 195239
	Potential for Shrinking or Swelling Clay Ground Stability Hazards Hazard Potential: No Hazard Source: British Geological Survey, National Geoscience Information Service	A12NW (E)	0	1	271200 195414
	Potential for Shrinking or Swelling Clay Ground Stability Hazards Hazard Potential: No Hazard Source: British Geological Survey, National Geoscience Information Service	A15SW (N)	0	1	270572 195561
	Potential for Shrinking or Swelling Clay Ground Stability Hazards Hazard Potential: No Hazard Source: British Geological Survey, National Geoscience Information Service	A10NE (W)	0	1	270101 195227
	Potential for Shrinking or Swelling Clay Ground Stability Hazards Hazard Potential: No Hazard Source: British Geological Survey, National Geoscience Information Service	(NE)	0	1	271320 196208
	Potential for Shrinking or Swelling Clay Ground Stability Hazards Hazard Potential: Very Low Source: British Geological Survey, National Geoscience Information Service	A11NW (SW)	0	1	270484 195216
	Potential for Shrinking or Swelling Clay Ground Stability Hazards Hazard Potential: No Hazard Source: British Geological Survey, National Geoscience Information Service	A12NE (E)	33	1	271612 195218
	Potential for Shrinking or Swelling Clay Ground Stability Hazards Hazard Potential: Very Low Source: British Geological Survey, National Geoscience Information Service	A10NW (W)	50	1	270000 195225

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	Potential for Shrinking or Swelling Clay Ground Stability Hazards Hazard Potential: No Hazard Source: British Geological Survey, National Geoscience Information Service	A10NW (NW)	56	1	270000 195495
	Potential for Shrinking or Swelling Clay Ground Stability Hazards Hazard Potential: Very Low Source: British Geological Survey, National Geoscience Information Service	A11SW (S)	85	1	270484 195000
	Potential for Shrinking or Swelling Clay Ground Stability Hazards Hazard Potential: No Hazard Source: British Geological Survey, National Geoscience Information Service	A10NW (W)	89	1	270000 195216
	Potential for Shrinking or Swelling Clay Ground Stability Hazards Hazard Potential: No Hazard Source: British Geological Survey, National Geoscience Information Service	A10SW (SW)	210	1	270042 195000
	Potential for Shrinking or Swelling Clay Ground Stability Hazards Hazard Potential: No Hazard Source: British Geological Survey, National Geoscience Information Service	A7NE (SE)	223	1	271031 194823
	Potential for Shrinking or Swelling Clay Ground Stability Hazards Hazard Potential: No Hazard Source: British Geological Survey, National Geoscience Information Service	A10SW (SW)	225	1	270000 195000
	Radon Potential - Radon Affected Areas Affected Area: The property is an Intermediate probability radon area (3 to 5% of homes are estimated to be at or above the Action Level). Source: British Geological Survey, National Geoscience Information Service	A11NW (NE)	0	1	270698 195426
	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	A11NW (SW)	0	1	270484 195216
	Radon Potential - Radon Protection Measures Protection Measure: Basic radon protective measures are necessary in the construction of new dwellings or extensions Source: British Geological Survey, National Geoscience Information Service	A11NW (NE)	0	1	270698 195426
	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	A11NW (SW)	0	1	270484 195216

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
250	Contemporary Trade Directory Entries Name: Pulsar Ipl Location: Unit 7, Llan Coed Court, Darcy Business Park, Llandarcy, Neath, West Glamorgan, SA10 6FG Classification: Tungsten Tool Manufacturers & Distributors Status: Inactive Positional Accuracy: Automatically positioned to the address	A16NE (NE)	0	-	271682 196092
250	Contemporary Trade Directory Entries Name: Pulsar I P L Ltd Location: Unit 7, Llan Coed Court, Darcy Business Park, Llandarcy, NEATH, West Glamorgan, SA10 6FG Classification: Lighting Manufacturers Status: Inactive Positional Accuracy: Automatically positioned to the address	A16NE (NE)	0	-	271682 196092
250	Contemporary Trade Directory Entries Name: Commspec Location: Unit 22, Llan Coed House, Darcy Business Park, Llandarcy, Neath, SA10 6FG Classification: Radio Communication Equipment Status: Active Positional Accuracy: Automatically positioned to the address	A16NE (NE)	0	-	271715 196065
250	Contemporary Trade Directory Entries Name: Medical & Electrical Services Ltd Location: Unit 12, Llan Coed Court, Darcy Business Park, Llandarcy, Neath, SA10 6FG Classification: Gas - Industrial & Medical Suppliers Status: Active Positional Accuracy: Automatically positioned to the address	A16NE (NE)	0	-	271716 196101
250	Contemporary Trade Directory Entries Name: Communications Specialists Location: Unit 22, Llan Coed House, Darcy Business Park, Llandarcy, Neath, SA10 6FG Classification: Radio Communication Equipment Status: Inactive Positional Accuracy: Automatically positioned to the address	A16NE (NE)	0	-	271715 196065
250	Contemporary Trade Directory Entries Name: C R Hollands Location: Unit 1-2 Llan Coed Court, Darcy Business Park, Llandarcy, Neath, West Glamorgan, SA10 6FG Classification: Cutting Tools & Machinery Status: Active Positional Accuracy: Automatically positioned to the address	A16NE (NE)	0	-	271716 196101
250	Contemporary Trade Directory Entries Name: Quantum Prospecting Ltd Location: Unit 7, Llan Coed Court, Darcy Business Park, Llandarcy, Neath, SA10 6FG Classification: Oil & Gas Exploration Supplies & Services Status: Inactive Positional Accuracy: Automatically positioned to the address	A16NE (NE)	0	-	271716 196101
251	Contemporary Trade Directory Entries Name: South Wales Supplies Location: Unit 5, Contractors Yard, Tank Farm Road, Llandarcy, Neath, SA10 6EN Classification: Builders' Merchants Status: Active Positional Accuracy: Automatically positioned to the address	A12SW (E)	0	-	271195 195172
251	Contemporary Trade Directory Entries Name: Neath Valve & Engineering Co Ltd Location: Unit 12, Contractors Yard, Tank Farm Road, Llandarcy, Neath, West Glamorgan, SA10 6EN Classification: Valve Manufacturers & Suppliers Status: Active Positional Accuracy: Automatically positioned to the address	A12SW (E)	0	-	271221 195148
252	Contemporary Trade Directory Entries Name: Skelton Thomas Engineering Ltd Location: Celtic Works, Tank Farm Road, Llandarcy, Neath, West Glamorgan, SA10 6EN Classification: Engineers - General Status: Active Positional Accuracy: Automatically positioned to the address	A12NW (E)	0	-	271085 195190
252	Contemporary Trade Directory Entries Name: Swantex Celebrations Ltd Location: Tank Farm Rd, Llandarcy, Neath, West Glamorgan, SA10 6EN Classification: Paper & Cardboard Products & Packaging - Manufacturers Status: Inactive Positional Accuracy: Manually positioned to the road within the address or location	A12NW (E)	0	-	271118 195192

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
252	Contemporary Trade Directory Entries Name: Mobilair Ltd Location: Tank Farm Rd, Llandarcy, Neath, West Glamorgan, SA10 6EN Classification: Air Compressors Status: Inactive Positional Accuracy: Manually positioned to the road within the address or location	A12NW (E)	0	-	271094 195210
253	Contemporary Trade Directory Entries Name: Welco Location: Plot 9, Tank Farm Rd, Llandarcy, Neath, West Glamorgan, SA10 6EN Classification: Scaffolding & Work Platforms Status: Inactive Positional Accuracy: Manually positioned to the road within the address or location	A11NE (E)	0	-	271050 195234
253	Contemporary Trade Directory Entries Name: Cenex Location: 9a, Tank Farm Rd, Llandarcy, Neath, West Glamorgan, SA10 6EN Classification: Mortar Manufacturers Status: Inactive Positional Accuracy: Manually positioned to the road within the address or location	A11NE (E)	0	-	271049 195236
254	Contemporary Trade Directory Entries Name: Glass Tech Recycling Ltd Location: Unit 10 Tank Farm Road, Llandarcy, Neath, West Glamorgan, SA10 6EN Classification: Recycling Services Status: Active Positional Accuracy: Manually positioned to the address or location	A12NW (E)	0	-	271255 195336
255	Contemporary Trade Directory Entries Name: Actus Piling Location: Tank Farm Rd, Llandarcy, Neath, West Glamorgan, SA10 6EN Classification: Pile Driving Status: Inactive Positional Accuracy: Manually positioned to the road within the address or location	A11NE (E)	0	-	271068 195433
256	Contemporary Trade Directory Entries Name: Ezel Cleaning Services Location: 6, Prettyman Drive, Llandarcy, Neath, West Glamorgan, SA10 6HZ Classification: Cleaning Services - Domestic Status: Inactive Positional Accuracy: Automatically positioned to the address	A12NE (E)	133	-	271621 195477
257	Contemporary Trade Directory Entries Name: South Wales Carpet & Upholstery Cleaning Location: 21, Prettyman Drive, Llandarcy, NEATH, West Glamorgan, SA10 6HZ Classification: Carpet, Curtain & Upholstery Cleaners Status: Inactive Positional Accuracy: Automatically positioned to the address	A12NE (E)	220	-	271584 195329
258	Contemporary Trade Directory Entries Name: P M C Site Services Ltd Location: Henbarc Farm, Llandarcy, Neath, West Glamorgan, SA10 6JD Classification: Steam Cleaning Services Status: Inactive Positional Accuracy: Automatically positioned to the address	A12SE (E)	222	-	271499 195091
259	Contemporary Trade Directory Entries Name: M G Services Location: 22, Pant y Sais, Jersey Marine, Neath, West Glamorgan, SA10 6JS Classification: Road Construction Equipment Manufacturers Status: Inactive Positional Accuracy: Automatically positioned to the address	A4NW (SE)	950	-	271223 194136
259	Contemporary Trade Directory Entries Name: Authentic Japanese Foods Location: 16, New Road, Jersey Marine, Neath, SA10 6JR Classification: Food Products - Manufacturers Status: Inactive Positional Accuracy: Automatically positioned to the address	A4NW (SE)	991	-	271247 194095
260	Points of Interest - Commercial Services Name: Glass Tech Recycling Ltd Location: Unit 10 Tank Farm Road, Llandarcy, Neath, SA10 6EN Category: Recycling Services Class Code: Recycling, Reclamation and Disposal Positional Accuracy: Positioned to address or location	A12NW (E)	0	8	271255 195336
261	Points of Interest - Manufacturing and Production Name: Tank Location: SA10 Category: Industrial Features Class Code: Tanks (Generic) Positional Accuracy: Positioned to address or location	A11NW (N)	0	8	270524 195316

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
261	Points of Interest - Manufacturing and Production Name: Tanks Location: SA10 Category: Industrial Features Class Code: Tanks (Generic) Positional Accuracy: Positioned to an adjacent address or location	A11NW (N)	0	8	270524 195316
262	Points of Interest - Manufacturing and Production Name: Tank Location: SA10 Category: Industrial Features Class Code: Tanks (Generic) Positional Accuracy: Positioned to an adjacent address or location	A16NW (NE)	0	8	271239 195940
263	Points of Interest - Manufacturing and Production Name: Oil Refinery Location: SA10 Category: Extractive Industries Class Code: Oil and Gas Extraction, Refinery and Product Manufacture Positional Accuracy: Positioned to an adjacent address or location	A15SE (NE)	0	8	270834 195741
264	Points of Interest - Manufacturing and Production Name: Oil Refinery Location: SA10 Category: Extractive Industries Class Code: Oil and Gas Extraction, Refinery and Product Manufacture Positional Accuracy: Positioned to an adjacent address or location	A16SW (NE)	0	8	271310 195789
265	Points of Interest - Manufacturing and Production Name: Oil Refinery Location: SA10 Category: Extractive Industries Class Code: Oil and Gas Extraction, Refinery and Product Manufacture Positional Accuracy: Positioned to an adjacent address or location	A15NE (NE)	0	8	270911 196107
266	Points of Interest - Manufacturing and Production Name: Tank Location: SA10 Category: Industrial Features Class Code: Tanks (Generic) Positional Accuracy: Positioned to an adjacent address or location	A12SW (E)	0	8	271090 195155
267	Points of Interest - Manufacturing and Production Name: Tank Location: SA7 Category: Industrial Features Class Code: Tanks (Generic) Positional Accuracy: Positioned to an adjacent address or location	A10NE (W)	5	8	270112 195219
268	Points of Interest - Manufacturing and Production Name: Tank Location: SA10 Category: Industrial Features Class Code: Tanks (Generic) Positional Accuracy: Positioned to an adjacent address or location	A11NW (NW)	92	8	270442 195247
269	Points of Interest - Manufacturing and Production Name: Oil Refinery Location: SA10 Category: Extractive Industries Class Code: Oil and Gas Extraction, Refinery and Product Manufacture Positional Accuracy: Positioned to an adjacent address or location	A11NW (E)	129	8	270729 195233
269	Points of Interest - Manufacturing and Production Name: Tanks Location: SA10 Category: Industrial Features Class Code: Tanks (Generic) Positional Accuracy: Positioned to an adjacent address or location	A11SW (E)	160	8	270722 195170
270	Points of Interest - Manufacturing and Production Name: Tanks Location: SA10 Category: Industrial Features Class Code: Tanks (Generic) Positional Accuracy: Positioned to an adjacent address or location	A10NE (W)	146	8	270343 195245
270	Points of Interest - Manufacturing and Production Name: Oil Refinery Location: SA10 Category: Extractive Industries Class Code: Oil and Gas Extraction, Refinery and Product Manufacture Positional Accuracy: Positioned to an adjacent address or location	A10NE (W)	165	8	270361 195214

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
271	Points of Interest - Manufacturing and Production Name: Tanks Location: SA10 Category: Industrial Features Class Code: Tanks (Generic) Positional Accuracy: Positioned to an adjacent address or location	A10SE (W)	157	8	270248 195151
272	Points of Interest - Manufacturing and Production Name: Tanks Location: SA10 Category: Industrial Features Class Code: Tanks (Generic) Positional Accuracy: Positioned to an adjacent address or location	A11SW (SE)	221	8	270612 195047
273	Points of Interest - Manufacturing and Production Name: Tanks Location: SA10 Category: Industrial Features Class Code: Tanks (Generic) Positional Accuracy: Positioned to an adjacent address or location	A11SE (SE)	245	8	270914 194945
273	Points of Interest - Manufacturing and Production Name: Tank Location: SA10 Category: Industrial Features Class Code: Tanks (Generic) Positional Accuracy: Positioned to an adjacent address or location	A11SE (SE)	279	8	270939 194892
273	Points of Interest - Manufacturing and Production Name: Tank Location: SA10 Category: Industrial Features Class Code: Tanks (Generic) Positional Accuracy: Positioned to an adjacent address or location	A11SE (SE)	285	8	270850 194947
273	Points of Interest - Manufacturing and Production Name: Tank Location: SA10 Category: Industrial Features Class Code: Tanks (Generic) Positional Accuracy: Positioned to an adjacent address or location	A11SE (SE)	305	8	270888 194890
274	Points of Interest - Manufacturing and Production Name: Tanks Location: SA10 Category: Industrial Features Class Code: Tanks (Generic) Positional Accuracy: Positioned to an adjacent address or location	A10SE (SW)	255	8	270228 194983
274	Points of Interest - Manufacturing and Production Name: Tanks Location: SA10 Category: Industrial Features Class Code: Tanks (Generic) Positional Accuracy: Positioned to an adjacent address or location	A10SE (SW)	301	8	270190 194915
275	Points of Interest - Manufacturing and Production Name: Tank Location: SA10 Category: Industrial Features Class Code: Tanks (Generic) Positional Accuracy: Positioned to an adjacent address or location	A11SW (S)	306	8	270454 194984
276	Points of Interest - Manufacturing and Production Name: Tank Location: SA10 Category: Industrial Features Class Code: Tanks (Generic) Positional Accuracy: Positioned to an adjacent address or location	A10SE (SW)	318	8	270339 194995
277	Points of Interest - Manufacturing and Production Name: Tanks Location: SA10 Category: Industrial Features Class Code: Tanks (Generic) Positional Accuracy: Positioned to an adjacent address or location	A11SW (S)	350	8	270589 194916
277	Points of Interest - Manufacturing and Production Name: Tanks Location: SA10 Category: Industrial Features Class Code: Tanks (Generic) Positional Accuracy: Positioned to an adjacent address or location	A7NW (S)	433	8	270589 194833

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
278	Points of Interest - Manufacturing and Production Name: Tanks Location: SA10 Category: Industrial Features Class Code: Tanks (Generic) Positional Accuracy: Positioned to an adjacent address or location	A10SE (SW)	383	8	270338 194904
279	Points of Interest - Manufacturing and Production Name: Tank Location: SA10 Category: Industrial Features Class Code: Tanks (Generic) Positional Accuracy: Positioned to an adjacent address or location	A7NE (SE)	389	8	270884 194796
280	Points of Interest - Manufacturing and Production Name: Tanks Location: SA10 Category: Industrial Features Class Code: Tanks (Generic) Positional Accuracy: Positioned to an adjacent address or location	A7NW (S)	520	8	270591 194746
280	Points of Interest - Manufacturing and Production Name: Oil Refinery Location: SA10 Category: Extractive Industries Class Code: Oil and Gas Extraction, Refinery and Product Manufacture Positional Accuracy: Positioned to an adjacent address or location	A7NW (S)	567	8	270554 194699
281	Points of Interest - Manufacturing and Production Name: Trial Shaft (Disused) Location: SA7 Category: Extractive Industries Class Code: Unspecified Quarries Or Mines Positional Accuracy: Positioned to an adjacent address or location	A13NE (NW)	669	8	269565 195938
282	Points of Interest - Manufacturing and Production Name: Tanks Location: SA10 Category: Industrial Features Class Code: Tanks (Generic) Positional Accuracy: Positioned to an adjacent address or location	A7NW (S)	682	8	270685 194573
283	Points of Interest - Manufacturing and Production Name: Workings (Dis) Location: SA7 Category: Extractive Industries Class Code: Unspecified Quarries Or Mines Positional Accuracy: Positioned to an adjacent address or location	A13SW (W)	726	8	269334 195569
284	Points of Interest - Public Infrastructure Name: Nationwide Recycling Ltd Location: Contractors Yard, Tank Farm Rd, Llandarcy, Neath, West Glamorgan, SA10 6EN Category: Infrastructure and Facilities Class Code: Recycling Centres Positional Accuracy: Positioned to address or location	A12NW (E)	0	8	271090 195418
284	Points of Interest - Public Infrastructure Name: Nationwide Recycling Ltd Location: Contractors Yard, Tank Farm Road, Llandarcy, Neath, SA10 6EN Category: Infrastructure and Facilities Class Code: Recycling Centres Positional Accuracy: Positioned to address or location	A12NW (E)	0	8	271090 195419
285	Points of Interest - Public Infrastructure Name: Slurry Bed Location: SA10 Category: Infrastructure and Facilities Class Code: Waste Storage, Processing and Disposal Positional Accuracy: Positioned to an adjacent address or location	A12SE (E)	163	8	271433 195095
286	Points of Interest - Public Infrastructure Name: Spoil Heap Location: SA10 Category: Infrastructure and Facilities Class Code: Waste Storage, Processing and Disposal Positional Accuracy: Positioned to an adjacent address or location	A6NE (S)	491	8	270295 194752
287	Points of Interest - Recreational and Environmental Name: Play Area Location: SA10 Category: Recreational Class Code: Playgrounds Positional Accuracy: Positioned to an adjacent address or location	A16SE (NE)	92	8	271499 195696

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
288	Points of Interest - Recreational and Environmental Name: Play Area Location: SA10 Category: Recreational Class Code: Playgrounds Positional Accuracy: Positioned to an adjacent address or location	A12SE (E)	203	8	271509 195146

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
289	Ancient Woodland Name: Not Supplied Reference: 12263 Area(m²): 4188.3 Type: Ancient and Semi-Natural Woodland	(N)	0	2	270771 196391
290	Ancient Woodland Name: Not Supplied Reference: 12261 Area(m²): 3579.08 Type: Ancient and Semi-Natural Woodland	(NE)	0	2	271119 196352
291	Ancient Woodland Name: Not Supplied Reference: 12262 Area(m²): 5337.61 Type: Ancient and Semi-Natural Woodland	(NE)	0	2	271001 196303
292	Ancient Woodland Name: Not Supplied Reference: 12259 Area(m²): 3589.83 Type: Ancient and Semi-Natural Woodland	(NE)	59	2	272125 196206
293	Ancient Woodland Name: Not Supplied Reference: 40820 Area(m²): 5668.51 Type: Plantation on Ancient Woodland	(NE)	134	2	272220 196040
294	Ancient Woodland Name: Not Supplied Reference: 48515 Area(m²): 15260.74 Type: Ancient Woodland Site of Unknown Category	A11SE (SE)	223	2	270822 195027
295	Ancient Woodland Name: Not Supplied Reference: 12260 Area(m²): 33552.87 Type: Ancient and Semi-Natural Woodland	(E)	240	2	272392 195831
296	Ancient Woodland Name: Not Supplied Reference: 18273 Area(m²): 52539.92 Type: Ancient and Semi-Natural Woodland	(E)	243	2	272082 195536
297	Ancient Woodland Name: Not Supplied Reference: 10091 Area(m²): 14998.64 Type: Ancient and Semi-Natural Woodland	(N)	315	2	270429 196459
298	Ancient Woodland Name: Not Supplied Reference: 18272 Area(m²): 15433.4 Type: Ancient and Semi-Natural Woodland	A7NE (SE)	350	2	270890 194808
299	Ancient Woodland Name: Not Supplied Reference: 18295 Area(m²): 38062.64 Type: Ancient and Semi-Natural Woodland	(N)	402	2	270401 196509
300	Ancient Woodland Name: Not Supplied Reference: 48514 Area(m²): 908.23 Type: Ancient Woodland Site of Unknown Category	A6NE (SW)	420	2	270277 194818
301	Ancient Woodland Name: Not Supplied Reference: 18271 Area(m²): 14539.01 Type: Ancient and Semi-Natural Woodland	A6NE (SW)	438	2	270279 194799
302	Ancient Woodland Name: Not Supplied Reference: 48515 Area(m²): 2873.22 Type: Ancient Woodland Site of Unknown Category	A7NE (SE)	441	2	270804 194775

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
303	Ancient Woodland Name: Not Supplied Reference: 7500 Area(m²): 1845.83 Type: Ancient and Semi-Natural Woodland	(N)	509	2	270370 196646
304	Ancient Woodland Name: Not Supplied Reference: 18270 Area(m²): 1721.81 Type: Ancient and Semi-Natural Woodland	A7NE (SE)	551	2	270768 194667
305	Ancient Woodland Name: Not Supplied Reference: 48513 Area(m²): 3211.82 Type: Ancient Woodland Site of Unknown Category	A7NW (S)	558	2	270692 194658
306	Ancient Woodland Name: Not Supplied Reference: 10092 Area(m²): 10760.42 Type: Ancient and Semi-Natural Woodland	(N)	583	2	270364 196776
307	Ancient Woodland Name: Not Supplied Reference: 12252 Area(m²): 4652.57 Type: Ancient and Semi-Natural Woodland	A6NE (SW)	602	2	270136 194602
308	Ancient Woodland Name: Not Supplied Reference: 48514 Area(m²): 8171.77 Type: Ancient Woodland Site of Unknown Category	A7NW (S)	614	2	270558 194652
309	Ancient Woodland Name: Not Supplied Reference: 48516 Area(m²): 5682.1 Type: Ancient Woodland Site of Unknown Category	(NW)	621	2	269968 196249
310	Ancient Woodland Name: Not Supplied Reference: 18269 Area(m²): 5868.24 Type: Ancient and Semi-Natural Woodland	A8SE (SE)	673	2	271440 194419
311	Ancient Woodland Name: Not Supplied Reference: 10084 Area(m²): 36776.87 Type: Ancient and Semi-Natural Woodland	A8SW (SE)	703	2	271229 194333
312	Ancient Woodland Name: Not Supplied Reference: 18268 Area(m²): 4545.99 Type: Ancient and Semi-Natural Woodland	A8SW (SE)	741	2	271368 194359
313	Ancient Woodland Name: Not Supplied Reference: 18267 Area(m²): 2932.44 Type: Ancient and Semi-Natural Woodland	A3NE (S)	996	2	270876 194108
314	Local Nature Reserves Name: Pant-Y-Sais Multiple Area: N Area (m2): 189244.13 Source: Neath Port Talbot County Borough Council Designation Date: 31st December 1984	A8SE (SE)	791	9	271458 194276
315	National Nature Reserves Name: Crymlyn Bog And Pant Y Sais Multiple Areas: Y Total Area (m2): 1308383.06 Source: Natural Resources Wales Reference: 45 Designation Date: 27th September 1991	A10NE (W)	9	2	270086 195206

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
316	Ramsar Sites Name: Crymlyn Bog Multiple Areas: Y Total Area (m2): 2675566.42 Source: Natural Resources Wales Reference: UK14006 Designation Date: 8th June 1993	A10NE (W)	2	2	270086 195207
317	Sites of Special Scientific Interest Name: Cors Crymlyn / Crymlyn Bog Multiple Areas: Y Total Area (m2): 2809777.13 Source: Natural Resources Wales Reference: 47433wwp Designation Details: Biological Designation Date: 1st January 1975 Date Type: Notified	A10NE (W)	0	2	270086 195207
318	Sites of Special Scientific Interest Name: Pant-Y-Sais Multiple Areas: N Total Area (m2): 190260.33 Source: Natural Resources Wales Reference: 83733wxq Designation Details: Biological Designation Date: 1st January 1979 Date Type: Notified	A8SE (SE)	791	2	271458 194276
319	Special Areas of Conservation Name: Crymlyn Bog / Cors Crymlyn Multiple Areas: Y Total Area (m2): 2997434.94 Source: Natural Resources Wales Reference: UK0012885 Status: Designated	A10NE (W)	0	2	270086 195207

Agency & Hydrological	Version	Update Cycle
Contaminated Land Register Entries and Notices Natural Resources Wales Neath Port Talbot County Borough Council - Environmental Health Department City and County of Swansea - Environmental Health Department	June 2020 October 2017 September 2017	Annually Annual Rolling Update Annual Rolling Update
Discharge Consents Environment Agency - Welsh Region Natural Resources Wales	August 2014 July 2021	Quarterly Quarterly
Enforcement and Prohibition Notices Environment Agency - Welsh Region	March 2013	
Integrated Pollution Controls Environment Agency - Welsh Region	January 2009	
Integrated Pollution Prevention And Control Environment Agency - Welsh Region Natural Resources Wales	January 2021 July 2021	Quarterly Quarterly
Local Authority Integrated Pollution Prevention And Control Swansea Bay Port Health Authority City and County of Swansea - Environmental Health Department Neath Port Talbot County Borough Council - Environmental Health Department	April 2014 June 2014 March 2014	Variable Variable Variable
Local Authority Pollution Prevention and Controls Swansea Bay Port Health Authority City and County of Swansea - Environmental Health Department Neath Port Talbot County Borough Council - Environmental Health Department	April 2014 June 2014 March 2014	Annually Annual Rolling Update Annual Rolling Update
Local Authority Pollution Prevention and Control Enforcements Swansea Bay Port Health Authority City and County of Swansea - Environmental Health Department Neath Port Talbot County Borough Council - Environmental Health Department	April 2014 June 2014 March 2015	Variable Variable Variable
Nearest Surface Water Feature Ordnance Survey	June 2021	
Pollution Incidents to Controlled Waters Environment Agency - Welsh Region	December 1998	
Prosecutions Relating to Authorised Processes Environment Agency - Welsh Region Natural Resources Wales	July 2015 July 2015	
Prosecutions Relating to Controlled Waters Environment Agency - Welsh Region Natural Resources Wales	March 2013 March 2013	
Registered Radioactive Substances Natural Resources Wales Environment Agency - Welsh Region	January 2015 June 2016	Annually Annually
Substantiated Pollution Incident Register Environment Agency Wales - South West Area Natural Resources Wales	January 2021 July 2021	Quarterly Quarterly
Water Abstractions Environment Agency - Welsh Region Natural Resources Wales	July 2021 July 2021	Quarterly Quarterly
Water Industry Act Referrals Natural Resources Wales Environment Agency - Welsh Region	July 2021 October 2017	Quarterly Quarterly
Groundwater Vulnerability Map Natural Resources Wales	June 2018	As notified
Bedrock Aquifer Designations Natural Resources Wales	January 2018	Annually

Agency & Hydrological	Version	Update Cycle
Superficial Aquifer Designations Natural Resources Wales	January 2018	Annually
Source Protection Zones Natural Resources Wales	July 2017	Annual Rolling Update
Extreme Flooding from Rivers or Sea without Defences Natural Resources Wales	September 2020	Quarterly
Flooding from Rivers or Sea without Defences Natural Resources Wales	September 2020	Quarterly
Areas Benefiting from Flood Defences Natural Resources Wales	November 2019	Quarterly
Flood Water Storage Areas Natural Resources Wales	August 2019	Quarterly
Flood Defences Natural Resources Wales	November 2019	Quarterly
OS Water Network Lines Ordnance Survey	July 2021	Quarterly
Surface Water 1 in 30 year Flood Extent Natural Resources Wales	May 2018	Annually
Surface Water 1 in 100 year Flood Extent Natural Resources Wales	May 2018	Annually
Surface Water 1 in 1000 year Flood Extent Natural Resources Wales	May 2018	Annually
Surface Water Suitability Natural Resources Wales	February 2016	Annually
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	November 2002	Not Applicable
Historical Landfill Sites Natural Resources Wales	July 2019	Quarterly
Integrated Pollution Control Registered Waste Sites Environment Agency - Welsh Region	January 2009	Not Applicable
Licensed Waste Management Facilities (Landfill Boundaries) Environment Agency Wales - South West Area Natural Resources Wales	July 2021 July 2021	Quarterly Quarterly
Licensed Waste Management Facilities (Locations) Natural Resources Wales Environment Agency Wales - South West Area	April 2021 July 2021	Quarterly Quarterly
Local Authority Landfill Coverage City and County of Swansea - Environmental Health Department Neath Port Talbot County Borough Council - Environmental Health Department	February 2003 February 2003	Not Applicable Not Applicable
Local Authority Recorded Landfill Sites City and County of Swansea - Environmental Health Department Neath Port Talbot County Borough Council - Environmental Health Department	October 2018 October 2018	
Potentially Infilled Land (Non-Water) Landmark Information Group Limited	December 1999	Not Applicable
Potentially Infilled Land (Water) Landmark Information Group Limited	December 1999	
Registered Landfill Sites Environment Agency Wales - South West Area	March 2006	Not Applicable
Registered Waste Transfer Sites Environment Agency Wales - South West Area	April 2018	
Registered Waste Treatment or Disposal Sites Environment Agency Wales - South West Area	June 2015	
Hazardous Substances	Version	Update Cycle
Control of Major Accident Hazards Sites (COMAH) Health and Safety Executive	April 2018	Bi-Annually
Explosive Sites Health and Safety Executive	March 2017	Annually
Notification of Installations Handling Hazardous Substances (NIHHS) Health and Safety Executive	August 2001	
Planning Hazardous Substance Enforcements City and County of Swansea - Planning Department Neath Port Talbot County Borough Council - Planning Department	January 2016 October 2015	Variable Variable
Planning Hazardous Substance Consents City and County of Swansea - Planning Department Neath Port Talbot County Borough Council - Planning Department	January 2016 October 2015	Variable Variable

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	December 2015	Annually
BGS Recorded Mineral Sites British Geological Survey - National Geoscience Information Service	May 2021	Bi-Annually
BGS Urban Soil Chemistry British Geological Survey - National Geoscience Information Service	December 2015	Annually
BGS Urban Soil Chemistry Averages British Geological Survey - National Geoscience Information Service	December 2015	Annually
CBSCB Compensation District Cheshire Brine Subsidence Compensation Board (CBSCB)	August 2011	As notified
Coal Mining Affected Areas The Coal Authority - Property Searches	March 2014	Annual Rolling Update
Mining Instability Ove Arup & Partners	June 1998	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	April 2020	Annually
Potential for Compressible Ground Stability Hazards British Geological Survey - National Geoscience Information Service	January 2019	Annually
Potential for Ground Dissolution Stability Hazards British Geological Survey - National Geoscience Information Service	January 2019	Annually
Potential for Landslide Ground Stability Hazards British Geological Survey - National Geoscience Information Service	January 2019	Annually
Potential for Running Sand Ground Stability Hazards British Geological Survey - National Geoscience Information Service	January 2019	Annually
Potential for Shrinking or Swelling Clay Ground Stability Hazards British Geological Survey - National Geoscience Information Service	January 2019	Annually
Radon Potential - Radon Affected Areas British Geological Survey - National Geoscience Information Service	July 2011	Annually
Radon Potential - Radon Protection Measures British Geological Survey - National Geoscience Information Service	July 2011	Annually

Industrial Land Use	Version	Update Cycle
Contemporary Trade Directory Entries Thomson Directories	July 2021	Quarterly
Fuel Station Entries Catalist Ltd - Experian	June 2021	Quarterly
Gas Pipelines National Grid	May 2021	Annually
Points of Interest - Commercial Services PointX	June 2021	Quarterly
Points of Interest - Education and Health PointX	June 2021	Quarterly
Points of Interest - Manufacturing and Production PointX	June 2021	Quarterly
Points of Interest - Public Infrastructure PointX	June 2021	Quarterly
Points of Interest - Recreational and Environmental PointX	June 2021	Quarterly
Underground Electrical Cables National Grid	May 2021	Annually

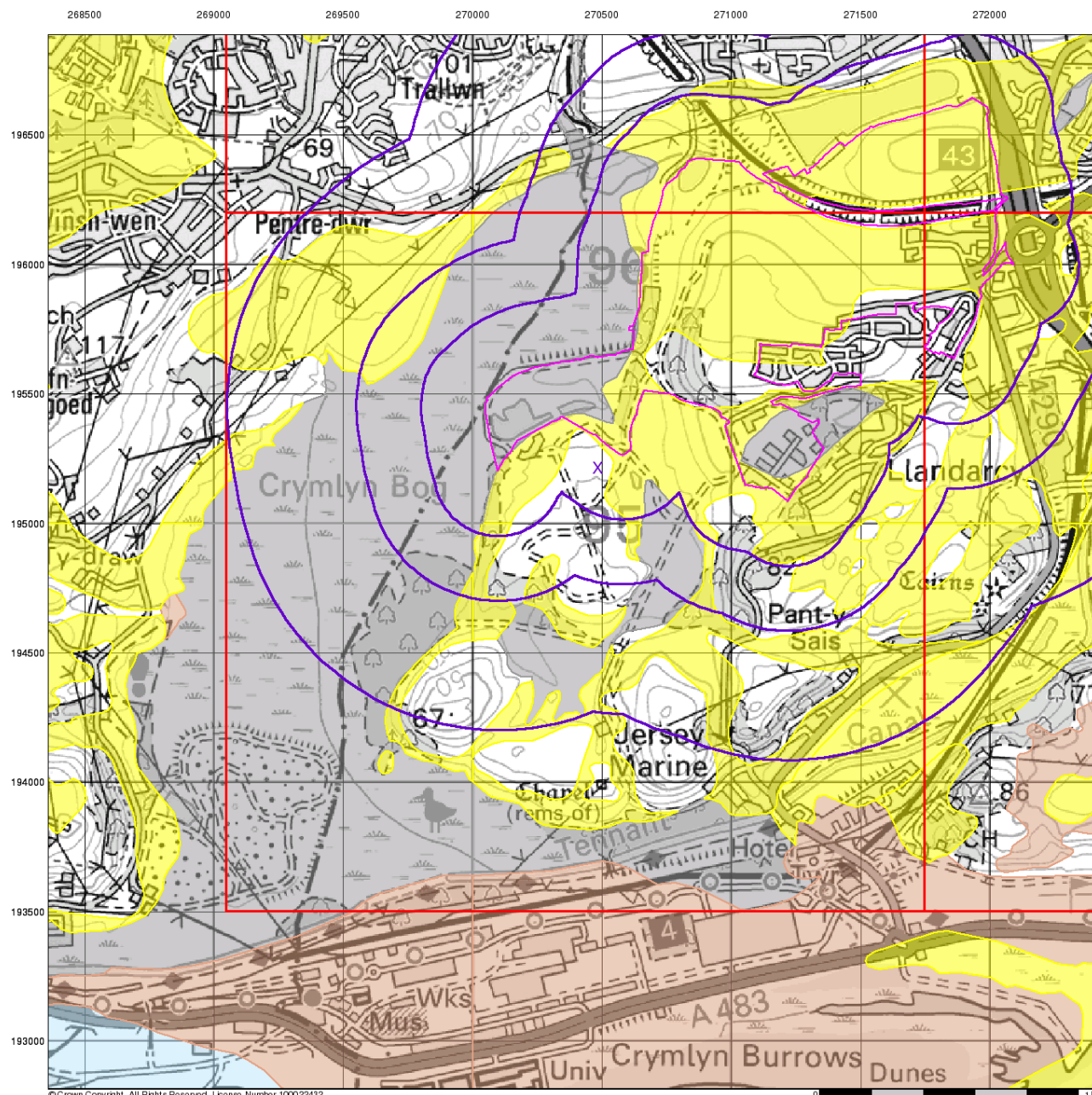
Sensitive Land Use	Version	Update Cycle
Ancient Woodland Natural Resources Wales	September 2018	Bi-Annually
Areas of Adopted Green Belt City and County of Swansea Neath Port Talbot County Borough Council - Planning Services	October 2020 October 2020	Quarterly Quarterly
Areas of Unadopted Green Belt City and County of Swansea Neath Port Talbot County Borough Council - Planning Services	October 2020 October 2020	Quarterly Quarterly
Areas of Outstanding Natural Beauty Natural Resources Wales	June 2019	Bi-Annually
Environmentally Sensitive Areas The National Assembly for Wales - GI Services (Department of Planning & Countryside)	January 2017	
Forest Parks Forestry Commission	April 1997	Not Applicable
Local Nature Reserves City and County of Swansea Neath Port Talbot County Borough Council	August 2018 August 2018	Bi-Annually Bi-Annually
Marine Nature Reserves Natural Resources Wales	August 2018	Bi-Annually
National Nature Reserves Natural Resources Wales	July 2019	Bi-Annually
National Parks Natural Resources Wales	February 2018	Annually
Nitrate Vulnerable Zones The National Assembly for Wales - GI Services (Department of Planning & Countryside) Natural Resources Wales	April 2016 July 2019	Bi-Annually
Ramsar Sites Natural Resources Wales	July 2019	Bi-Annually
Sites of Special Scientific Interest Natural Resources Wales	March 2020	Bi-Annually
Special Areas of Conservation Natural Resources Wales	August 2020	Bi-Annually
Special Protection Areas Natural Resources Wales	August 2018	Bi-Annually

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	 British Geological Survey NATURAL ENVIRONMENT RESEARCH COUNCIL
Centre for Ecology and Hydrology	 Centre for Ecology & Hydrology NATURAL ENVIRONMENT RESEARCH COUNCIL
Natural Resources Wales	
Scottish Natural Heritage	
Natural England	
Public Health England	
Ove Arup	
Stantec UK Ltd	

Contact	Name and Address	Contact Details
1	British Geological Survey - Enquiry Service British Geological Survey, Environmental Science Centre, Keyworth, Nottingham, Nottinghamshire, NG12 5GG	Telephone: 0115 936 3143 Fax: 0115 936 3276 Email: enquiries@bgs.ac.uk Website: www.bgs.ac.uk
2	Natural Resources Wales Ty Cambria, 29 Newport Road, Cardiff, CF24 0TP	Telephone: 0300 065 3000 Email: enquiries@naturalresourceswales.gov.uk
3	Neath Port Talbot County Borough Council - Environmental Health Department Room 322, Neath Civic Centre, Neath, West Glamorgan, SA11 3QZ	Telephone: 01639 763333 Fax: 01693 763444 Website: www.neath-porttalbot.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	Ordnance Survey Adanac Drive, Southampton, Hampshire, SO16 0AS	Telephone: 03456 05 05 05 Email: customerservices@ordnancesurvey.co.uk Website: www.ordnancesurvey.gov.uk
6	City and County of Swansea - Environmental Health Department The Guildhall, Swansea, West Glamorgan, SA1 4PE	Telephone: 01792 636000 extn 5651 Fax: 01792 635719
7	The Coal Authority - Property Searches 200 Lichfield Lane, Mansfield, Nottinghamshire, NG18 4RG	Telephone: 0345 762 6848 Fax: 01623 637 338 Email: groundstability@coal.gov.uk Website: www2.groundstability.com
8	PointX 7 Abbey Court, Eagle Way, Sowton, Exeter, Devon, EX2 7HY	Website: www.pointx.co.uk
9	Neath Port Talbot County Borough Council Civic Centre, Port Talbot, West Glamorgan, SA13 1PJ	Telephone: 01639 763333 Fax: 01693 763444 Website: www.neath-porttalbot.gov.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.



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Superficial Aquifer Designation

General

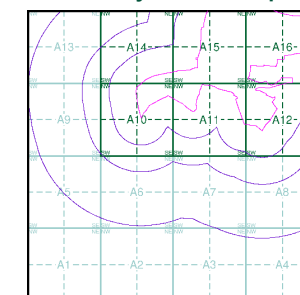
- Specified Site
- Specified Buffer(s)
- X Bearing Reference Point
- Slice
- Map ID

Agency and Hydrological

Geological Classes

- Principal Aquifer
- Secondary A Aquifer
- Secondary B Aquifer
- Secondary Undifferentiated
- Unproductive Strata
- Unknown
- Unknown (Lakes and Landslip)

Site Sensitivity Context Map - Slice A



Order Details

Order Number: 283848248_1_1
 Customer Ref: 05474 - Coed Darcy
 National Grid Reference: 270480, 195220
 Slice: A
 Site Area (Ha): 131.44
 Search Buffer (m): 1000

Site Details

Site at 271220, 195880

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