



## Envirocheck<sup>®</sup> Report: Datasheet

### Order Details:

**Order Number:**

25210411\_1\_1

**Customer Reference:**

12091537/001 LG

**National Grid Reference:**

187180, 205620

**Slice:**

A

**Site Area (Ha):**

139.27

**Search Buffer (m):**

1000

### Site Details:

South Hook LNG Terminal Company Ltd  
Dale Road  
Herbrandston  
SA73 3SL

### Client Details:

Ms C Farrell  
WSP Environmental  
The Alexandra  
200-220 The Quays  
Salford  
Manchester  
M50 3SP

| Report Section        | Page Number |
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## Introduction

The Environment Act 1995 has made site sensitivity a key issue, as the legislation pays as much attention to the pathways by which contamination could spread, and to the vulnerable targets of contamination, as it does the potential sources of contamination.

For this reason, Landmark's Site Sensitivity maps and Datasheet(s) place great emphasis on statutory data provided by the Environment Agency and the Scottish Environment Protection Agency; it also incorporates data from Natural England (and the Scottish and Welsh equivalents) and Local Authorities; and highlights hydrogeological features required by environmental and geotechnical consultants. It does not include any information concerning past uses of land. The datasheet is produced by querying the Landmark database to a distance defined by the client from a site boundary provided by the client.

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

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## Radon Potential dataset Copyright Notice

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## Report Version v31.0

| Data Type                                                     | Page Number | On Site | 0 to 250m | 251 to 500m | 501 to 1000m (*up to 2000m) |
|---------------------------------------------------------------|-------------|---------|-----------|-------------|-----------------------------|
| <b>Agency &amp; Hydrological</b>                              |             |         |           |             |                             |
| Contaminated Land Register Entries and Notices                |             |         |           |             |                             |
| Discharge Consents                                            | pg 1        |         | 2         |             | 2                           |
| Enforcement and Prohibition Notices                           |             |         |           |             |                             |
| Integrated Pollution Controls                                 |             |         |           |             |                             |
| Integrated Pollution Prevention And Control                   | pg 2        | 1       |           |             |                             |
| Local Authority Integrated Pollution Prevention And Control   |             |         |           |             |                             |
| Local Authority Pollution Prevention and Controls             |             |         |           |             |                             |
| Local Authority Pollution Prevention and Control Enforcements |             |         |           |             |                             |
| Nearest Surface Water Feature                                 | pg 2        | Yes     |           |             |                             |
| Pollution Incidents to Controlled Waters                      | pg 2        | 1       |           |             |                             |
| Prosecutions Relating to Authorised Processes                 |             |         |           |             |                             |
| Prosecutions Relating to Controlled Waters                    |             |         |           |             |                             |
| Registered Radioactive Substances                             |             |         |           |             |                             |
| River Quality                                                 |             |         |           |             |                             |
| River Quality Biology Sampling Points                         |             |         |           |             |                             |
| River Quality Chemistry Sampling Points                       |             |         |           |             |                             |
| Substantiated Pollution Incident Register                     |             |         |           |             |                             |
| Water Abstractions                                            | pg 2        |         |           |             | (*1)                        |
| Water Industry Act Referrals                                  |             |         |           |             |                             |
| Groundwater Vulnerability                                     | pg 2        | Yes     | n/a       | n/a         | n/a                         |
| Source Protection Zones                                       |             |         |           |             |                             |
| Extreme Flooding from Rivers or Sea without Defences          | pg 2        |         | Yes       | n/a         | n/a                         |
| Flooding from Rivers or Sea without Defences                  | pg 3        |         | 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                         |
| <b>Waste</b>                                                  |             |         |           |             |                             |
| BGS Recorded Landfill Sites                                   |             |         |           |             |                             |
| Historical Landfill Sites                                     | pg 4        | 4       |           |             |                             |
| Integrated Pollution Control Registered Waste Sites           |             |         |           |             |                             |
| Licensed Waste Management Facilities (Landfill Boundaries)    |             |         |           |             |                             |
| Licensed Waste Management Facilities (Locations)              |             |         |           |             |                             |
| Local Authority Recorded Landfill Sites                       | pg 4        | 1       |           |             |                             |
| Registered Landfill Sites                                     | pg 5        | 3       |           |             |                             |
| Registered Waste Transfer Sites                               |             |         |           |             |                             |
| Registered Waste Treatment or Disposal Sites                  |             |         |           |             |                             |

| Data Type                                                           | Page Number | On Site | 0 to 250m | 251 to 500m | 501 to 1000m (*up to 2000m) |
|---------------------------------------------------------------------|-------------|---------|-----------|-------------|-----------------------------|
| <b>Hazardous Substances</b>                                         |             |         |           |             |                             |
| Control of Major Accident Hazards Sites (COMAH)                     | pg 6        | 2       |           |             |                             |
| Explosive Sites                                                     |             |         |           |             |                             |
| Notification of Installations Handling Hazardous Substances (NIHHS) |             |         |           |             |                             |
| Planning Hazardous Substance Consents                               |             |         |           |             |                             |
| Planning Hazardous Substance Enforcements                           |             |         |           |             |                             |
| <b>Geological</b>                                                   |             |         |           |             |                             |
| BGS Recorded Mineral Sites                                          |             |         |           |             |                             |
| BGS 1:625,000 Solid Geology                                         | pg 7        | Yes     | n/a       | n/a         | n/a                         |
| Brine Compensation Area                                             |             |         | n/a       | n/a         | n/a                         |
| Coal Mining Affected Areas                                          |             |         | n/a       | n/a         | n/a                         |
| Mining Instability                                                  | pg 7        | Yes     | n/a       | n/a         | n/a                         |
| Natural and Mining Cavities                                         |             |         |           |             |                             |
| Potential for Collapsible Ground Stability Hazards                  |             |         |           | n/a         | n/a                         |
| Potential for Compressible Ground Stability Hazards                 | pg 7        |         | Yes       | n/a         | n/a                         |
| Potential for Ground Dissolution Stability Hazards                  |             |         |           | n/a         | n/a                         |
| Potential for Landslide Ground Stability Hazards                    |             | Yes     | Yes       | n/a         | n/a                         |
| Potential for Running Sand Ground Stability Hazards                 |             |         | Yes       | n/a         | n/a                         |
| Potential for Shrinking or Swelling Clay Ground Stability Hazards   | pg 8        | Yes     |           | n/a         | n/a                         |
| Radon Potential - Radon Affected Areas                              |             | Yes     | n/a       | n/a         | n/a                         |
| Radon Potential - Radon Protection Measures                         |             | Yes     | n/a       | n/a         | n/a                         |
| Shallow Mining Hazards                                              |             |         |           | n/a         | n/a                         |
| <b>Industrial Land Use</b>                                          |             |         |           |             |                             |
| Contemporary Trade Directory Entries                                |             |         |           |             |                             |
| Fuel Station Entries                                                |             |         |           |             |                             |

| Data Type                            | Page Number | On Site | 0 to 250m | 251 to 500m | 501 to 1000m<br>(*up to 2000m) |
|--------------------------------------|-------------|---------|-----------|-------------|--------------------------------|
| <b>Sensitive Land Use</b>            |             |         |           |             |                                |
| Areas of Adopted Green Belt          |             |         |           |             |                                |
| Areas of Unadopted Green Belt        |             |         |           |             |                                |
| Areas of Outstanding Natural Beauty  |             |         |           |             |                                |
| Environmentally Sensitive Areas      | pg 9        | 1       | 3         | 6           | 7                              |
| Forest Parks                         |             |         |           |             |                                |
| Local Nature Reserves                |             |         |           |             |                                |
| Marine Nature Reserves               |             |         |           |             |                                |
| National Nature Reserves             |             |         |           |             |                                |
| National Parks                       | pg 10       | 1       |           |             |                                |
| Nitrate Sensitive Areas              |             |         |           |             |                                |
| Nitrate Vulnerable Zones             |             |         |           |             |                                |
| Ramsar Sites                         |             |         |           |             |                                |
| Sites of Special Scientific Interest | pg 10       |         | 1         | 8           | 2                              |
| Special Areas of Conservation        | pg 11       |         | 1         |             |                                |
| Special Protection Areas             |             |         |           |             |                                |

| Map ID | Details                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | Quadrant Reference (Compass) | Estimated Distance From Site | Contact | NGR           |
|--------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------|------------------------------|---------|---------------|
| 1      | <b>Discharge Consents</b><br>Operator: Cb & I Uk Ltd<br>Property Type: Mineral Oil Processing<br>Location: South Hook Lng Site Milford Haven, Pembrokeshire<br>Authority: Environment Agency, Welsh Region<br>Catchment Area: Boundary Of HA 61 & HA 62<br>Reference: Bg0042401<br>Permit Version: 2<br>Effective Date: 15th February 2005<br>Issued Date: 15th February 2005<br>Revocation Date: Not Supplied<br>Discharge Type: Trade Discharges - Site Drainage (Contam Surface Water, Not Tips)<br>Discharge: Saline Estuary<br>Environment:<br>Receiving Water: Milford Haven Water Way<br><b>Status:</b> <b>Modified (Water Resources Act 1991, Schedule 10 as amended by Environment Act 1995)</b><br>Positional Accuracy: Located by supplier to within 10m      | A11SE (SE)                   | 154                          | 1       | 187430 205340 |
| 1      | <b>Discharge Consents</b><br>Operator: South Hook Lng Company Ltd<br>Property Type: Mineral Oil Processing<br>Location: South Hook Lng Site Milford Haven, Pembrokeshire<br>Authority: Environment Agency, Welsh Region<br>Catchment Area: Boundary Of HA 61 & HA 62<br>Reference: BG0042401<br>Permit Version: 1<br>Effective Date: 11th January 1977<br>Issued Date: 11th January 1977<br>Revocation Date: 14th February 2005<br>Discharge Type: Unspecified<br>Discharge: Coastal<br>Environment:<br>Receiving Water: Littlewick Bay Milford Haven<br><b>Status:</b> <b>New Consent, by Application (Water Resources Act 1991, Section 88)</b><br>Positional Accuracy: Located by supplier to within 100m                                                             | A11SE (SE)                   | 154                          | 1       | 187430 205340 |
| 2      | <b>Discharge Consents</b><br>Operator: Wsp Remediation Ltd<br>Property Type: Petroleum Refining<br>Location: South Hook Lng Site Milford Haven, Herbrandston, Pembrokeshire<br>Authority: Environment Agency, Welsh Region<br>Catchment Area: Not Supplied<br>Reference: Bp0340201<br>Permit Version: 1<br>Effective Date: 1st March 2005<br>Issued Date: 1st March 2005<br>Revocation Date: Not Supplied<br>Discharge Type: Trade Discharges - Site Drainage (Contam Surface Water, Not Tips)<br>Discharge: Saline Estuary<br>Environment:<br>Receiving Water: Milford Haven<br><b>Status:</b> <b>New Consent (Water Resources Act 1991, Section 88 &amp; Schedule 10 as amended by Environment Act 1995)</b><br>Positional Accuracy: Located by supplier to within 10m | A3NW (S)                     | 996                          | 1       | 187250 204480 |
| 2      | <b>Discharge Consents</b><br>Operator: C B & I John Brown Ltd<br>Property Type: Petroleum Refining<br>Location: South Hook Lng Site Milford Haven, Herbrandston, Pembrokeshire<br>Authority: Environment Agency, Welsh Region<br>Catchment Area: Not Supplied<br>Reference: Bp0340301<br>Permit Version: 1<br>Effective Date: 1st March 2005<br>Issued Date: 1st March 2005<br>Revocation Date: Not Supplied<br>Discharge Type: Trade Discharges - Site Drainage<br>Discharge: Saline Estuary<br>Environment:<br>Receiving Water: Little Wick Bay, M Haven Est"Y<br><b>Status:</b> <b>New Consent (Water Resources Act 1991, Section 88 &amp; Schedule 10 as amended by Environment Act 1995)</b><br>Positional Accuracy: Located by supplier to within 10m              | A3NW (S)                     | 996                          | 1       | 187250 204480 |

| Map ID | Details                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | Quadrant Reference (Compass) | Estimated Distance From Site | Contact | NGR              |
|--------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------|------------------------------|---------|------------------|
| 3      | <b>Integrated Pollution Prevention And Control</b><br>Name: Esso Petroleum Company Ltd<br>Location: South Hook Liquefied Natural Gas Terminal, Hubberston, Milford Haven, Dyfed, SA73 1DR<br>Authority: Environment Agency, Welsh Region<br>Permit Reference: Bw9816ie<br>Original Permit Ref: Bw9816ie<br>Effective Date: 16th July 2004<br><b>Status: Superseded By Variation</b><br>Application Type: Application<br>App. Sub Type: New<br>Positional Accuracy: Located by supplier to within 10m<br>Activity Code: 1.1 A(1) (A)<br>Activity Description: Combustion; Any Fuel Greater Or Equal To 50Mw<br>Primary Activity: Y<br>Activity Code: 0.0 Associated Process<br>Activity Description: Associated Process<br>Primary Activity: N         | A15NE (N)                    | 0                            | 1       | 187330<br>206380 |
|        | <b>Nearest Surface Water Feature</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | A15SE (NE)                   | 0                            | -       | 187551<br>206144 |
| 4      | <b>Pollution Incidents to Controlled Waters</b><br>Property Type: Not Given<br>Location: Old Esso Refinery<br>Authority: Environment Agency, Welsh Region<br>Pollutant: Oils - Petrol<br>Note: Milford Haven Estuary; Run-Off<br>Incident Date: 29th January 1998<br>Incident Reference: 35056<br>Catchment Area: Not Given<br>Receiving Water: Not Given<br>Cause of Incident: Neglect<br>Incident Severity: Category 3 - Minor Incident<br>Positional Accuracy: Located by supplier to within 100m                                                                                                                                                                                                                                                  | A11SE (E)                    | 0                            | 1       | 187500<br>205500 |
|        | <b>Water Abstractions</b><br>Operator: J Llewellyn & Co<br>Licence Number: 22/61/5/0090<br>Permit Version: 100<br>Location: Res- Castle Head & Chester Point<br>Authority: Environment Agency, Welsh Region<br>Abstraction: General Agriculture: Spray Irrigation - Storage<br>Abstraction Type: Water may be abstracted from a single point<br>Source: Surface<br>Daily Rate (m3): Not Supplied<br>Yearly Rate (m3): Not Supplied<br>Details: Res- Castle Head And Chester Point<br>Authorised Start: 01 November<br>Authorised End: 31 March<br>Permit Start Date: 31st March 2005<br>Permit End Date: Not Supplied<br>Positional Accuracy: Located by supplier to within 100m                                                                      | (W)                          | 1650                         | 1       | 184950<br>206450 |
|        | <b>Groundwater Vulnerability</b><br>Geological Classification: Minor Aquifer (Variably permeable) - These can be fractured or potentially fractured rocks, which do not have a high primary permeability, or other formations of variable permeability including unconsolidated deposits. Although not producing large quantities of water for abstraction, they are important for local supplies and in supplying base flow to rivers<br>Soil Classification: Soils of Intermediate Leaching Potential (I1) - Soils which can possibly transmit a wide range of pollutants<br>Map Sheet: Sheet 34 Pembroke<br>Scale: 1:100,000                                                                                                                       | (N)                          | 0                            | 1       | 187308<br>206828 |
|        | <b>Groundwater Vulnerability</b><br>Geological Classification: Minor Aquifer (Variably permeable) - These can be fractured or potentially fractured rocks, which do not have a high primary permeability, or other formations of variable permeability including unconsolidated deposits. Although not producing large quantities of water for abstraction, they are important for local supplies and in supplying base flow to rivers<br>Soil Classification: Soils of High Leaching Potential (U) - Soil information for restored mineral workings and urban areas is based on fewer observations than elsewhere. A worst case vulnerability classification (H) assumed, until proved otherwise<br>Map Sheet: Sheet 34 Pembroke<br>Scale: 1:100,000 | A11SW (S)                    | 0                            | 1       | 187196<br>205365 |
|        | <b>Drift Deposits</b><br>None                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |                              |                              |         |                  |
|        | <b>Extreme Flooding from Rivers or Sea without Defences</b><br>Flood Plain Type: Tidal<br>Boundary Accuracy: As Supplied                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | A11SE (SE)                   | 54                           | 1       | 187290<br>205395 |

| Map ID | Details                                                                                                          | Quadrant Reference (Compass) | Estimated Distance From Site | Contact | NGR              |
|--------|------------------------------------------------------------------------------------------------------------------|------------------------------|------------------------------|---------|------------------|
|        | <b>Flooding from Rivers or Sea without Defences</b><br>Flood Plain Type: Tidal<br>Boundary Accuracy: As Supplied | A11SE (SE)                   | 54                           | 1       | 187290<br>205395 |
|        | <b>Areas Benefiting from Flood Defences</b><br>None                                                              |                              |                              |         |                  |
|        | <b>Flood Water Storage Areas</b><br>None                                                                         |                              |                              |         |                  |
|        | <b>Flood Defences</b><br>None                                                                                    |                              |                              |         |                  |

| Map ID | Details                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | Quadrant Reference (Compass) | Estimated Distance From Site | Contact | NGR           |
|--------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------|------------------------------|---------|---------------|
| 5      | <b>Historical Landfill Sites</b><br>Licence Holder: Esso Petroleum Company Limited<br>Location: Milford Haven<br>Name: Esso Refinery<br>Operator Location: Not Supplied<br>Boundary Accuracy: As Supplied<br>Provider Reference: EAHLD14835<br>First Input Date: 31st August 1987<br>Last Input Date: 14th August 1992<br>Specified Waste: Deposited Waste included Inert, Industrial, Household and Special Waste, and<br>Type: Liquid Sludge<br>EA Waste Ref: Not Supplied<br>Regis Ref: Not Supplied<br>WRC Ref: 6845/0025<br>BGS Ref: Not Supplied<br>Other Ref: WD/002                            | A12NW (E)                    | 0                            | 1       | 187604 205599 |
| 6      | <b>Historical Landfill Sites</b><br>Licence Holder: Esso Petroleum Company Limited<br>Location: Hakin, Milford Haven, Pembrokeshire<br>Name: Esso Catalyst Tip<br>Operator Location: Not Supplied<br>Boundary Accuracy: As Supplied<br>Provider Reference: EAHLD14386<br>First Input Date: 31st December 1981<br>Last Input Date: 31st December 1982<br>Specified Waste: Deposited Waste included Industrial and Household Waste<br>Type: Not Supplied<br>EA Waste Ref: Not Supplied<br>Regis Ref: Not Supplied<br>WRC Ref: 6845/0024<br>BGS Ref: Not Supplied<br>Other Ref: Not Supplied              | A15NW (N)                    | 0                            | 1       | 187173 206390 |
| 7      | <b>Historical Landfill Sites</b><br>Licence Holder: Esso Petroleum Company Limited<br>Location: Esso Sludge Farm, Milford Haven<br>Name: Esso Sludge Farm No.2<br>Operator Location: Not Supplied<br>Boundary Accuracy: As Supplied<br>Provider Reference: EAHLD14816<br>First Input Date: 31st December 1980<br>Last Input Date: 31st December 1984<br>Specified Waste: Deposited Waste included Industrial and Household Waste, and Liquid Sludge<br>Type: Not Supplied<br>EA Waste Ref: Not Supplied<br>Regis Ref: Not Supplied<br>WRC Ref: 6845/0027<br>BGS Ref: Not Supplied<br>Other Ref: WD/006 | A11NE (NE)                   | 0                            | 1       | 187504 205838 |
| 8      | <b>Historical Landfill Sites</b><br>Licence Holder: Esso Petroleum Company Limited<br>Location: Esso Refinery<br>Name: Sludge Farm No 1<br>Operator Location: Not Supplied<br>Boundary Accuracy: As Supplied<br>Provider Reference: EAHLD14827<br>First Input Date: 31st December 1978<br>Last Input Date: 31st December 1980<br>Specified Waste: Deposited Waste included Industrial and Household Waste, and Liquid Sludge<br>Type: Not Supplied<br>EA Waste Ref: Not Supplied<br>Regis Ref: Not Supplied<br>WRC Ref: 6845/0026<br>BGS Ref: Not Supplied<br>Other Ref: WD/002                        | A11NW (N)                    | 0                            | 1       | 187176 205646 |
|        | <b>Local Authority Landfill Coverage</b><br>Name: Pembrokeshire County Council<br>- Has supplied landfill data                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |                              | 0                            | 2       | 182140 201206 |
| 9      | <b>Local Authority Recorded Landfill Sites</b><br>Location: Esso Waste Disposal Site, Esso, Herbrandston, Milford Haven<br>Reference: Not Supplied<br>Authority: Pembrokeshire County Council, Environmental Health Department<br><b>Last Reported Status:</b> Unknown<br>Types of Waste: Not Supplied<br>Date of Closure: Not Supplied<br>Positional Accuracy: Located by supplier to within 100m<br>Boundary Quality: Not Applicable                                                                                                                                                                 | A12NW (E)                    | 0                            | 2       | 187700 205600 |

| Map ID | Details                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | Quadrant Reference (Compass) | Estimated Distance From Site | Contact | NGR              |
|--------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------|------------------------------|---------|------------------|
| 10     | <b>Registered Landfill Sites</b><br>Licence Holder: D V Howells & Sons Ltd<br>Licence Reference: 016<br>Site Location: Rear Of Premises At Dale Road, Hubberston, Milford Haven, Pembrokeshire<br>Licence Easting: 188000<br>Licence Northing: 206500<br>Operator Location: As Site Address<br>Authority: Environment Agency - Welsh Region, South West Area<br>Site Category: Landfill<br>Max Input Rate: Very Small (Less than 10,000 tonnes per year)<br>Waste Source: No known restriction on source of waste<br>Restrictions:<br>Status: Licence lapsed/cancelled/defunct/not applicable/surrenderedCancelled<br>Dated: 1st January 1986<br>Preceded By: 046<br>Licence:<br>Superseded By: 046<br>Licence:<br>Positional Accuracy: Manually positioned to the road within the address or location<br>Boundary Accuracy: Not Applicable<br>Authorised Waste: Brick,Masonry<br>Earth<br>Inert Constr'N/Demol. Waste<br>Prohibited Waste: Cement<br>Grass Cuttings<br>Paper<br>Scrap Metal<br>Timber<br>Vegetable Matter                                                                                                                                                          | A16NW (NE)                   | 0                            | 1       | 187826<br>206320 |
| 11     | <b>Registered Landfill Sites</b><br>Licence Holder: Esso Petroleum Co Ltd<br>Licence Reference: 006<br>Site Location: Esso Refinery, Sludge Farm 2, Milford Haven, Pembrokeshire<br>Licence Easting: 187600<br>Licence Northing: 205800<br>Operator Location: Esso Refinery, Po Box 11, Milford Haven, Pembrokeshire, Sa73 3su<br>Authority: Environment Agency - Welsh Region, South West Area<br>Site Category: Landfill - Sludge land farm<br>Max Input Rate: Very Small (Less than 10,000 tonnes per year)<br>Waste Source: Waste produced/controlled by licence holder<br>Restrictions:<br>Status: Licence lapsed/cancelled/defunct/not applicable/surrenderedCancelled<br>Dated: 1st March 1980<br>Preceded By: Not Given<br>Licence:<br>Superseded By: Not Given<br>Licence:<br>Positional Accuracy: Manually positioned to the road within the address or location<br>Boundary Accuracy: Not Applicable<br>Authorised Waste: Oil-Contaminated Sand                                                                                                                                                                                                                          | A11NE (NE)                   | 0                            | 1       | 187368<br>205706 |
| 12     | <b>Registered Landfill Sites</b><br>Licence Holder: Esso Petroleum Co Ltd<br>Licence Reference: 002<br>Site Location: Esso Refinery, Milford Haven, Pembrokeshire<br>Licence Easting: 187700<br>Licence Northing: 205600<br>Operator Location: Esso Refinery, Po Box 11, Milford Haven, Pembrokeshire, Sa73 3su<br>Authority: Environment Agency - Welsh Region, South West Area<br>Site Category: Landfill<br>Max Input Rate: Medium (Equal to or greater than 25,000 and less than 75,000 tonnes per year)<br>Waste Source: Waste produced/controlled by licence holder<br>Restrictions:<br>Status: Licence lapsed/cancelled/defunct/not applicable/surrenderedCancelled<br>Dated: 1st May 1978<br>Preceded By: Not Given<br>Licence:<br>Superseded By: Not Given<br>Licence:<br>Positional Accuracy: Manually positioned to the road within the address or location<br>Boundary Accuracy: Not Applicable<br>Authorised Waste: Concrete Rubble,Brickwork,Furnace Refr<br>Corrugated Asbestos Based Sheeting<br>Demolition Wastes From On-Site<br>Max.Waste Permitted By Licence(Stated)<br>Reinforcing Steel<br>Prohibited Waste: Asbestos Lagging<br>Thermal Insulation Material | A11NE (E)                    | 0                            | 1       | 187450<br>205610 |

| Map ID | Details                                                                                                                                                                                                                                                                                                                               | Quadrant Reference (Compass) | Estimated Distance From Site | Contact | NGR           |
|--------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------|------------------------------|---------|---------------|
| 13     | <b>Control of Major Accident Hazards Sites (COMAH)</b><br>Name: Esso Petroleum Company Ltd<br>Location: South Hook Lng Terminal, Dale Road, Milford Haven, Pembrokeshire, SA73 3SU<br>Reference: Not Supplied<br>Type: Upper Tier<br><b>Status: Active</b><br>Positional Accuracy: Manually positioned to the address or location     | A15SE (NE)                   | 0                            | 3       | 187532 206132 |
| 13     | <b>Control of Major Accident Hazards Sites (COMAH)</b><br>Name: South Hook Lng Terminal Company Ltd<br>Location: South Hook LNG Terminal, Dale Road, Milford Haven, Pembrokeshire, SA73 3RU<br>Reference: 4038274<br>Type: Upper Tier<br><b>Status: Active</b><br>Positional Accuracy: Manually positioned to the address or location | A15SE (NE)                   | 0                            | 3       | 187532 206132 |

| Map ID | Details                                                                                                                                                                 | Quadrant Reference (Compass) | Estimated Distance From Site | Contact | NGR           |
|--------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------|------------------------------|---------|---------------|
|        | <b>BGS 1:625,000 Solid Geology</b><br>Description: Lower Devonian                                                                                                       | A11NW (W)                    | 0                            | 4       | 187096 205611 |
|        | <b>Coal Mining Affected Areas</b><br>In an area which may not be affected by coal mining                                                                                |                              |                              |         |               |
|        | <b>Mining Instability</b><br>Mining Evidence: Conclusive Metaliferous Mining<br>Source: Ove Arup & Partners<br>Boundary Quality: As Supplied                            | A11NW (W)                    | 0                            | -       | 187000 205625 |
|        | <b>Potential for Collapsible Ground Stability Hazards</b><br>No Hazard                                                                                                  |                              |                              |         |               |
|        | <b>Potential for Compressible Ground Stability Hazards</b><br>Hazard Potential: No Hazard<br>Source: British Geological Survey, National Geoscience Information Service | A11SW (S)                    | 0                            | 4       | 187250 205400 |
|        | <b>Potential for Compressible Ground Stability Hazards</b><br>Hazard Potential: Moderate<br>Source: British Geological Survey, National Geoscience Information Service  | A11SW (S)                    | 56                           | 4       | 187250 205400 |
|        | <b>Potential for Compressible Ground Stability Hazards</b><br>Hazard Potential: Moderate<br>Source: British Geological Survey, National Geoscience Information Service  | A10NE (NW)                   | 194                          | 4       | 186850 205825 |
|        | <b>Potential for Compressible Ground Stability Hazards</b><br>Hazard Potential: Moderate<br>Source: British Geological Survey, National Geoscience Information Service  | A14SE (NW)                   | 196                          | 4       | 186825 205925 |
|        | <b>Potential for Ground Dissolution Stability Hazards</b><br>No Hazard                                                                                                  |                              |                              |         |               |
|        | <b>Potential for Landslide Ground Stability Hazards</b><br>Hazard Potential: Low<br>Source: British Geological Survey, National Geoscience Information Service          | A11SE (SE)                   | 0                            | 4       | 187275 205400 |
|        | <b>Potential for Landslide Ground Stability Hazards</b><br>Hazard Potential: Very Low<br>Source: British Geological Survey, National Geoscience Information Service     | A11SE (SE)                   | 56                           | 4       | 187275 205400 |
|        | <b>Potential for Landslide Ground Stability Hazards</b><br>Hazard Potential: Moderate<br>Source: British Geological Survey, National Geoscience Information Service     | A10NE (NW)                   | 146                          | 4       | 186900 205875 |
|        | <b>Potential for Landslide Ground Stability Hazards</b><br>Hazard Potential: Very Low<br>Source: British Geological Survey, National Geoscience Information Service     | A10NE (NW)                   | 194                          | 4       | 186825 205800 |
|        | <b>Potential for Landslide Ground Stability Hazards</b><br>Hazard Potential: Very Low<br>Source: British Geological Survey, National Geoscience Information Service     | A14SE (NW)                   | 196                          | 4       | 186825 205925 |
|        | <b>Potential for Landslide Ground Stability Hazards</b><br>Hazard Potential: Low<br>Source: British Geological Survey, National Geoscience Information Service          | A10NE (NW)                   | 242                          | 4       | 186800 205875 |
|        | <b>Potential for Landslide Ground Stability Hazards</b><br>Hazard Potential: Moderate<br>Source: British Geological Survey, National Geoscience Information Service     | A16NE (NE)                   | 244                          | 4       | 188150 206525 |
|        | <b>Potential for Running Sand Ground Stability Hazards</b><br>Hazard Potential: No Hazard<br>Source: British Geological Survey, National Geoscience Information Service | A11SW (S)                    | 0                            | 4       | 187250 205400 |
|        | <b>Potential for Running Sand Ground Stability Hazards</b><br>Hazard Potential: Moderate<br>Source: British Geological Survey, National Geoscience Information Service  | A11SW (S)                    | 56                           | 4       | 187250 205400 |
|        | <b>Potential for Running Sand Ground Stability Hazards</b><br>Hazard Potential: Low<br>Source: British Geological Survey, National Geoscience Information Service       | A16NE (NE)                   | 62                           | 4       | 188150 206525 |
|        | <b>Potential for Running Sand Ground Stability Hazards</b><br>Hazard Potential: Moderate<br>Source: British Geological Survey, National Geoscience Information Service  | A10NE (NW)                   | 194                          | 4       | 186850 205825 |
|        | <b>Potential for Running Sand Ground Stability Hazards</b><br>Hazard Potential: Moderate<br>Source: British Geological Survey, National Geoscience Information Service  | A14SE (NW)                   | 196                          | 4       | 186825 205925 |

| Map ID | Details                                                                                                                                                                                                                                                  | Quadrant Reference (Compass) | Estimated Distance From Site | Contact | NGR           |
|--------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------|------------------------------|---------|---------------|
|        | <b>Potential for Shrinking or Swelling Clay Ground Stability Hazards</b><br>Hazard Potential: Very Low<br>Source: British Geological Survey, National Geoscience Information Service                                                                     | A11SE (SE)                   | 0                            | 4       | 187325 205375 |
|        | <b>Radon Potential - Radon Affected Areas</b><br>Affected Area: The property is in a radon affected area, as between 10 and 30% of homes are above the action level<br>Source: British Geological Survey, National Geoscience Information Service        | A12NW (E)                    | 0                            | 4       | 187925 205625 |
|        | <b>Radon Potential - Radon Affected Areas</b><br>Affected Area: The property is in a radon affected area, as between 5 and 10% of homes are above the action level<br>Source: British Geological Survey, National Geoscience Information Service         | A11SE (S)                    | 0                            | 4       | 187275 205325 |
|        | <b>Radon Potential - Radon Protection Measures</b><br>Protection Measure: Full radon protective measures are necessary in the construction of new dwellings or extensions<br>Source: British Geological Survey, National Geoscience Information Service  | A12NW (E)                    | 0                            | 4       | 187925 205625 |
|        | <b>Radon Potential - Radon Protection Measures</b><br>Protection Measure: Basic radon protective measures are necessary in the construction of new dwellings or extensions<br>Source: British Geological Survey, National Geoscience Information Service | A11SE (S)                    | 0                            | 4       | 187275 205325 |
|        | <b>Shallow Mining Hazards</b><br>No Hazard                                                                                                                                                                                                               |                              |                              |         |               |

| Map ID | Details                                                                                                                                                                                             | Quadrant Reference (Compass) | Estimated Distance From Site | Contact | NGR           |
|--------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------|------------------------------|---------|---------------|
| 14     | <b>Environmentally Sensitive Areas</b><br>Name: Preseli<br>Multiple Area: Y<br>Area (m2): 1187932672<br>Source: The National Assembly for Wales, GI Services (Department of Planning & Countryside) | A11SW (S)                    | 0                            | 5       | 187254 205393 |
| 15     | <b>Environmentally Sensitive Areas</b><br>Name: Preseli<br>Multiple Area: Y<br>Area (m2): 171.875<br>Source: The National Assembly for Wales, GI Services (Department of Planning & Countryside)    | A11SE (SE)                   | 77                           | 5       | 187529 205359 |
| 16     | <b>Environmentally Sensitive Areas</b><br>Name: Preseli<br>Multiple Area: Y<br>Area (m2): 122.656<br>Source: The National Assembly for Wales, GI Services (Department of Planning & Countryside)    | A14SE (NW)                   | 188                          | 5       | 186830 205976 |
| 17     | <b>Environmentally Sensitive Areas</b><br>Name: Preseli<br>Multiple Area: Y<br>Area (m2): 180.468<br>Source: The National Assembly for Wales, GI Services (Department of Planning & Countryside)    | A14SE (NW)                   | 220                          | 5       | 186796 205989 |
| 18     | <b>Environmentally Sensitive Areas</b><br>Name: Preseli<br>Multiple Area: Y<br>Area (m2): 190.625<br>Source: The National Assembly for Wales, GI Services (Department of Planning & Countryside)    | A14SE (NW)                   | 265                          | 5       | 186735 206046 |
| 19     | <b>Environmentally Sensitive Areas</b><br>Name: Preseli<br>Multiple Area: Y<br>Area (m2): 313.281<br>Source: The National Assembly for Wales, GI Services (Department of Planning & Countryside)    | A14SE (NW)                   | 287                          | 5       | 186708 206118 |
| 20     | <b>Environmentally Sensitive Areas</b><br>Name: Preseli<br>Multiple Area: Y<br>Area (m2): 211.718<br>Source: The National Assembly for Wales, GI Services (Department of Planning & Countryside)    | A14SE (NW)                   | 334                          | 5       | 186623 206190 |
| 21     | <b>Environmentally Sensitive Areas</b><br>Name: Preseli<br>Multiple Area: Y<br>Area (m2): 203.906<br>Source: The National Assembly for Wales, GI Services (Department of Planning & Countryside)    | A10NE (W)                    | 357                          | 5       | 186750 205611 |
| 22     | <b>Environmentally Sensitive Areas</b><br>Name: Preseli<br>Multiple Area: Y<br>Area (m2): 315.625<br>Source: The National Assembly for Wales, GI Services (Department of Planning & Countryside)    | (NW)                         | 386                          | 5       | 186263 207034 |
| 23     | <b>Environmentally Sensitive Areas</b><br>Name: Preseli<br>Multiple Area: Y<br>Area (m2): 120.312<br>Source: The National Assembly for Wales, GI Services (Department of Planning & Countryside)    | (NW)                         | 498                          | 5       | 186161 207084 |
| 24     | <b>Environmentally Sensitive Areas</b><br>Name: Preseli<br>Multiple Area: Y<br>Area (m2): 214.843<br>Source: The National Assembly for Wales, GI Services (Department of Planning & Countryside)    | (NW)                         | 528                          | 5       | 186148 207118 |
| 25     | <b>Environmentally Sensitive Areas</b><br>Name: Preseli<br>Multiple Area: Y<br>Area (m2): 277.343<br>Source: The National Assembly for Wales, GI Services (Department of Planning & Countryside)    | (NW)                         | 563                          | 5       | 186126 207150 |

| Map ID | Details                                                                                                                                                                                                                                                                                                     | Quadrant Reference (Compass) | Estimated Distance From Site | Contact | NGR              |
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| 26     | <b>Environmentally Sensitive Areas</b><br>Name: Preseli<br>Multiple Area: Y<br>Area (m2): 185.937<br>Source: The National Assembly for Wales, GI Services (Department of Planning & Countryside)                                                                                                            | (NW)                         | 586                          | 5       | 186096<br>207145 |
| 27     | <b>Environmentally Sensitive Areas</b><br>Name: Preseli<br>Multiple Area: Y<br>Area (m2): 256.25<br>Source: The National Assembly for Wales, GI Services (Department of Planning & Countryside)                                                                                                             | (NW)                         | 606                          | 5       | 186080<br>207159 |
| 28     | <b>Environmentally Sensitive Areas</b><br>Name: Preseli<br>Multiple Area: Y<br>Area (m2): 321.875<br>Source: The National Assembly for Wales, GI Services (Department of Planning & Countryside)                                                                                                            | (NW)                         | 688                          | 5       | 185990<br>207171 |
| 29     | <b>Environmentally Sensitive Areas</b><br>Name: Preseli<br>Multiple Area: Y<br>Area (m2): 216.406<br>Source: The National Assembly for Wales, GI Services (Department of Planning & Countryside)                                                                                                            | (NW)                         | 749                          | 5       | 185936<br>207198 |
| 30     | <b>Environmentally Sensitive Areas</b><br>Name: Preseli<br>Multiple Area: Y<br>Area (m2): 314.062<br>Source: The National Assembly for Wales, GI Services (Department of Planning & Countryside)                                                                                                            | (NW)                         | 845                          | 5       | 185841<br>207224 |
| 31     | <b>National Parks</b><br>Name: Pembrokeshire Coast<br>Multiple Area: Y<br>Area (m2): 187307472<br>Source: The National Assembly for Wales, GI Services (Department of Planning & Countryside)<br><b>Status:</b> Fully Designated - designated as a National Park<br>Designation Date: 31st December 1952    | A11NE<br>(E)                 | 0                            | 5       | 187460<br>205620 |
| 32     | <b>Sites of Special Scientific Interest</b><br>Name: Milford Haven Waterway<br>Multiple Area: Y<br>Area (m2): 2953309.64<br>Source: Countryside Council for Wales<br>Reference: 28232wp3<br>Designation Details: Mixed Biological And Geological<br>Designation Date: 4th March 1993<br>Date Type: Notified | A11SW<br>(S)                 | 36                           | 6       | 187253<br>205413 |
| 33     | <b>Sites of Special Scientific Interest</b><br>Name: Milford Haven Waterway<br>Multiple Area: Y<br>Area (m2): 34.21<br>Source: Countryside Council for Wales<br>Reference: 28232wp3<br>Designation Details: Mixed Biological And Geological<br>Designation Date: 4th March 1993<br>Date Type: Notified      | A14SE<br>(NW)                | 315                          | 6       | 186681<br>206065 |
| 34     | <b>Sites of Special Scientific Interest</b><br>Name: Milford Haven Waterway<br>Multiple Area: Y<br>Area (m2): 23.43<br>Source: Countryside Council for Wales<br>Reference: 28232wp3<br>Designation Details: Mixed Biological And Geological<br>Designation Date: 4th March 1993<br>Date Type: Notified      | A14SE<br>(NW)                | 318                          | 6       | 186680<br>206063 |
| 35     | <b>Sites of Special Scientific Interest</b><br>Name: Milford Haven Waterway<br>Multiple Area: Y<br>Area (m2): 836.25<br>Source: Countryside Council for Wales<br>Reference: 28232wp3<br>Designation Details: Mixed Biological And Geological<br>Designation Date: 4th March 1993<br>Date Type: Notified     | A14SE<br>(NW)                | 339                          | 6       | 186657<br>206084 |

| Map ID | Details                                                                                                                                                                                                                                                                                                  | Quadrant Reference (Compass) | Estimated Distance From Site | Contact | NGR              |
|--------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------|------------------------------|---------|------------------|
| 36     | <b>Sites of Special Scientific Interest</b><br>Name: Milford Haven Waterway<br>Multiple Area: Y<br>Area (m2): 7.04<br>Source: Countryside Council for Wales<br>Reference: 28232wp3<br>Designation Details: Mixed Biological And Geological<br>Designation Date: 4th March 1993<br>Date Type: Notified    | (NW)                         | 342                          | 6       | 186248<br>206624 |
| 37     | <b>Sites of Special Scientific Interest</b><br>Name: Milford Haven Waterway<br>Multiple Area: Y<br>Area (m2): 25.9<br>Source: Countryside Council for Wales<br>Reference: 28232wp3<br>Designation Details: Mixed Biological And Geological<br>Designation Date: 4th March 1993<br>Date Type: Notified    | (NW)                         | 350                          | 6       | 186228<br>206667 |
| 38     | <b>Sites of Special Scientific Interest</b><br>Name: Milford Haven Waterway<br>Multiple Area: Y<br>Area (m2): 39.74<br>Source: Countryside Council for Wales<br>Reference: 28232wp3<br>Designation Details: Mixed Biological And Geological<br>Designation Date: 4th March 1993<br>Date Type: Notified   | A14NW<br>(NW)                | 371                          | 6       | 186296<br>206475 |
| 39     | <b>Sites of Special Scientific Interest</b><br>Name: Milford Haven Waterway<br>Multiple Area: Y<br>Area (m2): 14.62<br>Source: Countryside Council for Wales<br>Reference: 28232wp3<br>Designation Details: Mixed Biological And Geological<br>Designation Date: 4th March 1993<br>Date Type: Notified   | A14NW<br>(NW)                | 380                          | 6       | 186509<br>206233 |
| 40     | <b>Sites of Special Scientific Interest</b><br>Name: Milford Haven Waterway<br>Multiple Area: Y<br>Area (m2): 21.43<br>Source: Countryside Council for Wales<br>Reference: 28232wp3<br>Designation Details: Mixed Biological And Geological<br>Designation Date: 4th March 1993<br>Date Type: Notified   | A10SE<br>(SW)                | 398                          | 6       | 186858<br>205329 |
| 41     | <b>Sites of Special Scientific Interest</b><br>Name: Milford Haven Waterway<br>Multiple Area: Y<br>Area (m2): 14012.7<br>Source: Countryside Council for Wales<br>Reference: 28232wp3<br>Designation Details: Mixed Biological And Geological<br>Designation Date: 4th March 1993<br>Date Type: Notified | A6NE<br>(SW)                 | 820                          | 6       | 186612<br>204985 |
| 42     | <b>Sites of Special Scientific Interest</b><br>Name: Milford Haven Waterway<br>Multiple Area: Y<br>Area (m2): 23.77<br>Source: Countryside Council for Wales<br>Reference: 28232wp3<br>Designation Details: Mixed Biological And Geological<br>Designation Date: 4th March 1993<br>Date Type: Notified   | A13NW<br>(NW)                | 886                          | 6       | 185709<br>206536 |
| 43     | <b>Special Areas of Conservation</b><br>Name: Pembrokeshire Marine / Sir Benfro Forol<br>Multiple Area: Y<br>Area (m2): 1380326198.27<br>Source: Countryside Council for Wales<br>Reference: UK0013116<br><b>Status: Designated</b>                                                                      | A11SW<br>(S)                 | 36                           | 6       | 187253<br>205413 |

| Agency & Hydrological                                                                                                                  | Version        | Update Cycle          |
|----------------------------------------------------------------------------------------------------------------------------------------|----------------|-----------------------|
| <b>Contaminated Land Register Entries and Notices</b><br>Pembrokeshire County Council - Public Protection Division                     | December 2007  | Annual Rolling Update |
| <b>Discharge Consents</b><br>Environment Agency - Welsh Region                                                                         | January 2008   | Quarterly             |
| <b>Enforcement and Prohibition Notices</b><br>Environment Agency - Welsh Region                                                        | March 2008     | As notified           |
| <b>Integrated Pollution Controls</b><br>Environment Agency - Welsh Region                                                              | January 2008   | Quarterly             |
| <b>Integrated Pollution Prevention And Control</b><br>Environment Agency - Welsh Region                                                | January 2008   | Quarterly             |
| <b>Local Authority Integrated Pollution Prevention And Control</b><br>Pembrokeshire County Council - Environmental Health Department   | January 2008   | Annual Rolling Update |
| <b>Local Authority Pollution Prevention and Controls</b><br>Pembrokeshire County Council - Environmental Health Department             | January 2008   | Annual Rolling Update |
| <b>Local Authority Pollution Prevention and Control Enforcements</b><br>Pembrokeshire County Council - Environmental Health Department | January 2008   | Annual Rolling Update |
| <b>Nearest Surface Water Feature</b><br>Ordnance Survey                                                                                | January 2008   | Quarterly             |
| <b>Pollution Incidents to Controlled Waters</b><br>Environment Agency - Welsh Region                                                   | December 1998  | Not Applicable        |
| <b>Prosecutions Relating to Authorised Processes</b><br>Environment Agency - Welsh Region                                              | April 2008     | As notified           |
| <b>Prosecutions Relating to Controlled Waters</b><br>Environment Agency - Welsh Region                                                 | April 2008     | As notified           |
| <b>Registered Radioactive Substances</b><br>Environment Agency - Welsh Region                                                          | January 2008   | Quarterly             |
| <b>River Quality</b><br>Environment Agency - Head Office                                                                               | November 2001  | Not Applicable        |
| <b>River Quality Biology Sampling Points</b><br>Environment Agency - Head Office                                                       | September 2007 | Annually              |
| <b>River Quality Chemistry Sampling Points</b><br>Environment Agency - Head Office                                                     | August 2007    | Annually              |
| <b>Substantiated Pollution Incident Register</b><br>Environment Agency - Welsh Region - South West Area                                | April 2008     | Quarterly             |
| <b>Water Abstractions</b><br>Environment Agency - Welsh Region                                                                         | January 2008   | Quarterly             |
| <b>Water Industry Act Referrals</b><br>Environment Agency - Welsh Region                                                               | January 2008   | Quarterly             |
| <b>Groundwater Vulnerability</b><br>Environment Agency - Head Office                                                                   | January 1999   | Not Applicable        |
| <b>Drift Deposits</b><br>Environment Agency - Head Office                                                                              | January 1999   | Not Applicable        |
| <b>Source Protection Zones</b><br>Environment Agency - Head Office                                                                     | January 2008   | Variable              |
| <b>Extreme Flooding from Rivers or Sea without Defences</b><br>Environment Agency - Head Office                                        | February 2008  | Quarterly             |
| <b>Flooding from Rivers or Sea without Defences</b><br>Environment Agency - Head Office                                                | February 2008  | Quarterly             |
| <b>Areas Benefiting from Flood Defences</b><br>Environment Agency - Head Office                                                        | February 2008  | Quarterly             |

| Agency & Hydrological                                                                                                                                                       | Version                      | Update Cycle                                   |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------|------------------------------------------------|
| <b>Flood Water Storage Areas</b><br>Environment Agency - Head Office                                                                                                        | February 2008                | Quarterly                                      |
| <b>Flood Defences</b><br>Environment Agency - Head Office                                                                                                                   | February 2008                | Quarterly                                      |
| Waste                                                                                                                                                                       | Version                      | Update Cycle                                   |
| <b>BGS Recorded Landfill Sites</b><br>British Geological Survey - National Geoscience Information Service                                                                   | June 1996                    | Not Applicable                                 |
| <b>Historical Landfill Sites</b><br>Environment Agency - Welsh Region - South West Area                                                                                     | February 2008                | As notified                                    |
| <b>Integrated Pollution Control Registered Waste Sites</b><br>Environment Agency - Welsh Region                                                                             | January 2008                 | Quarterly                                      |
| <b>Licensed Waste Management Facilities (Landfill Boundaries)</b><br>Environment Agency - Welsh Region - South West Area                                                    | February 2008                | Quarterly                                      |
| <b>Licensed Waste Management Facilities (Locations)</b><br>Environment Agency - Welsh Region - South West Area                                                              | February 2008                | Quarterly                                      |
| <b>Local Authority Landfill Coverage</b><br>Pembrokeshire County Council - Environmental Health Department                                                                  | May 2000                     | Not Applicable                                 |
| <b>Local Authority Recorded Landfill Sites</b><br>Pembrokeshire County Council - Environmental Health Department                                                            | May 2000                     | Not Applicable                                 |
| <b>Registered Landfill Sites</b><br>Environment Agency - Welsh Region - South West Area                                                                                     | March 2003                   | Not Applicable                                 |
| <b>Registered Waste Transfer Sites</b><br>Environment Agency - Welsh Region - South West Area                                                                               | March 2003                   | Not Applicable                                 |
| <b>Registered Waste Treatment or Disposal Sites</b><br>Environment Agency - Welsh Region - South West Area                                                                  | March 2003                   | Not Applicable                                 |
| Hazardous Substances                                                                                                                                                        | Version                      | Update Cycle                                   |
| <b>Control of Major Accident Hazards Sites (COMAH)</b><br>Health and Safety Executive                                                                                       | April 2008                   | Bi-Annually                                    |
| <b>Explosive Sites</b><br>Health and Safety Executive                                                                                                                       | February 2008                | Bi-Annually                                    |
| <b>Notification of Installations Handling Hazardous Substances (NIHHS)</b><br>Health and Safety Executive                                                                   | November 2000                | Not Applicable                                 |
| <b>Planning Hazardous Substance Enforcements</b><br>Pembrokeshire Coast National Park Authority - Development Control<br>Pembrokeshire County Council - Planning Department | August 2007<br>November 2007 | Annual Rolling Update<br>Annual Rolling Update |
| <b>Planning Hazardous Substance Consents</b><br>Pembrokeshire Coast National Park Authority - Development Control<br>Pembrokeshire County Council - Planning Department     | August 2007<br>November 2007 | Annual Rolling Update<br>Annual Rolling Update |

| Geological                                                                                                                                      | Version       | Update Cycle   |
|-------------------------------------------------------------------------------------------------------------------------------------------------|---------------|----------------|
| <b>BGS Recorded Mineral Sites</b><br>British Geological Survey - National Geoscience Information Service                                        | April 2008    | Bi-Annually    |
| <b>BGS 1:625,000 Solid Geology</b><br>British Geological Survey - National Geoscience Information Service                                       | August 1996   | Not Applicable |
| <b>Coal Mining Affected Areas</b><br>The Coal Authority - Mining Report Service                                                                 | January 2006  | As notified    |
| <b>Mining Instability</b><br>Ove Arup & Partners                                                                                                | October 2000  | Not Applicable |
| <b>Natural and Mining Cavities</b><br>Peter Brett Associates                                                                                    | December 2005 | Variable       |
| <b>Potential for Collapsible Ground Stability Hazards</b><br>British Geological Survey - National Geoscience Information Service                | January 2008  | Annually       |
| <b>Potential for Compressible Ground Stability Hazards</b><br>British Geological Survey - National Geoscience Information Service               | January 2008  | Annually       |
| <b>Potential for Ground Dissolution Stability Hazards</b><br>British Geological Survey - National Geoscience Information Service                | January 2008  | Annually       |
| <b>Potential for Landslide Ground Stability Hazards</b><br>British Geological Survey - National Geoscience Information Service                  | January 2008  | Annually       |
| <b>Potential for Running Sand Ground Stability Hazards</b><br>British Geological Survey - National Geoscience Information Service               | January 2008  | Annually       |
| <b>Potential for Shrinking or Swelling Clay Ground Stability Hazards</b><br>British Geological Survey - National Geoscience Information Service | January 2008  | Annually       |
| <b>Radon Potential - Radon Affected Areas</b><br>British Geological Survey - National Geoscience Information Service                            | May 2007      | Annually       |
| <b>Radon Potential - Radon Protection Measures</b><br>British Geological Survey - National Geoscience Information Service                       | May 2007      | Annually       |
| <b>Shallow Mining Hazards</b><br>British Geological Survey - National Geoscience Information Service                                            | August 2002   | Not Applicable |
| Industrial Land Use                                                                                                                             | Version       | Update Cycle   |
| <b>Contemporary Trade Directory Entries</b><br>Thomson Directories                                                                              | February 2008 | Quarterly      |
| <b>Fuel Station Entries</b><br>Catalist Ltd - (Fuel Station Data)                                                                               | March 2008    | Quarterly      |

| Sensitive Land Use                                                                                                             | Version       | Update Cycle   |
|--------------------------------------------------------------------------------------------------------------------------------|---------------|----------------|
| <b>Areas of Outstanding Natural Beauty</b><br>Countryside Council for Wales                                                    | February 2008 | Bi-Annually    |
| <b>Environmentally Sensitive Areas</b><br>The National Assembly for Wales - GI Services (Department of Planning & Countryside) | June 2006     | Annually       |
| <b>Forest Parks</b><br>Forestry Commission                                                                                     | April 1997    | Not Applicable |
| <b>Marine Nature Reserves</b><br>Countryside Council for Wales                                                                 | February 2008 | Bi-Annually    |
| <b>National Nature Reserves</b><br>Countryside Council for Wales                                                               | February 2008 | Bi-Annually    |
| <b>National Parks</b><br>The National Assembly for Wales - GI Services (Department of Planning & Countryside)                  | November 2007 | Annually       |
| <b>Nitrate Sensitive Areas</b><br>Department for Environment, Food and Rural Affairs (DEFRA - formerly FRCA)                   | December 2003 | Not Applicable |
| <b>Nitrate Vulnerable Zones</b><br>The National Assembly for Wales - GI Services (Department of Planning & Countryside)        | October 2005  | Annually       |
| <b>Ramsar Sites</b><br>Countryside Council for Wales                                                                           | February 2008 | Bi-Annually    |
| <b>Sites of Special Scientific Interest</b><br>Countryside Council for Wales                                                   | February 2008 | Bi-Annually    |
| <b>Special Areas of Conservation</b><br>Countryside Council for Wales                                                          | February 2008 | Bi-Annually    |
| <b>Special Protection Areas</b><br>Countryside Council for Wales                                                               | February 2008 | 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              |    |
| Centre for Ecology and Hydrology       |    |
| Countryside Council for Wales          |    |
| Scottish Natural Heritage              |  |
| Natural England                        |  |
| Health Protection Agency               |  |
| Ove Arup                               |  |
| Peter Brett Associates                 |  |

| Contact | Name and Address                                                                                                                                                                       | Contact Details                                                                                                                                                                                                                      |
|---------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 1       | <b>Environment Agency - National Customer Contact Centre (NCCC)</b><br>PO Box 544, Templeborough, Rotherham, S60 1BY                                                                   | Telephone: 08708 506 506<br>Email: <a href="mailto:enquiries@environment-agency.gov.uk">enquiries@environment-agency.gov.uk</a>                                                                                                      |
| 2       | <b>Pembrokeshire County Council - Environmental Health Department</b><br>Public Protection Division, Pembrokeshire County Council, County Hall, Haverfordwest, Pembrokeshire, SA61 1TP | Telephone: 01437 764551<br>Fax: 01437 775838<br>Website: <a href="http://www.pembrokeshire.gov.uk">www.pembrokeshire.gov.uk</a>                                                                                                      |
| 3       | <b>Health and Safety Executive</b><br>HSE Infoline, Caerphilly Business Park, Caerphilly, CF83 3GG                                                                                     | Telephone: 08701 545500<br>Fax: 02920 859260<br>Email: <a href="mailto:hseinformationservices@natbrit.com">hseinformationservices@natbrit.com</a><br>Website: <a href="http://www.hse.gov.uk">www.hse.gov.uk</a>                     |
| 4       | <b>British Geological Survey - Enquiry Service</b><br>British Geological Survey, Kingsley Dunham Centre, Keyworth, Nottingham, Nottinghamshire, NG12 5GG                               | Telephone: 0115 936 3143<br>Fax: 0115 936 3276<br>Email: <a href="mailto:enquiries@bgs.ac.uk">enquiries@bgs.ac.uk</a><br>Website: <a href="http://www.bgs.ac.uk">www.bgs.ac.uk</a>                                                   |
| 5       | <b>The National Assembly for Wales - GI Services (Department of Planning &amp; Countryside)</b><br>Yr Hen Ysgol Gymraeg, Alexandria Road, Aberystwyth, Ceredigion, SY23 1LD            | Telephone: 02920 825111<br>Website: <a href="http://www.wales.gov.uk">www.wales.gov.uk</a>                                                                                                                                           |
| 6       | <b>Countryside Council for Wales</b><br>Plas Penrhose, Fford Penrhos, Bangor, Gwynedd, LL57 2LQ                                                                                        | Telephone: 01248 385500<br>Fax: 01248 355782                                                                                                                                                                                         |
| -       | <b>Health Protection Agency - Radon Survey, Centre for Radiation, Chemical and Environmental Hazards</b><br>Chilton, Didcot, Oxfordshire, OX11 0RQ                                     | Telephone: 01235 822622<br>Fax: 01235 833891<br>Email: <a href="mailto:radon@hpa.org.uk">radon@hpa.org.uk</a><br>Website: <a href="http://www.hpa.org.uk">www.hpa.org.uk</a>                                                         |
| -       | <b>Landmark Information Group Limited</b><br>The Smith Centre, Henley On Thames, Oxfordshire, RG9 6AB                                                                                  | Telephone: 0870 850 6670<br>Fax: 0870 850 6671<br>Email: <a href="mailto:customerservices@landmarkinfo.co.uk">customerservices@landmarkinfo.co.uk</a><br>Website: <a href="http://www.landmarkinfo.co.uk">www.landmarkinfo.co.uk</a> |

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