APPENDIX B

EnviroInsight Report

GroundSure

GroundSure EnviroInsight

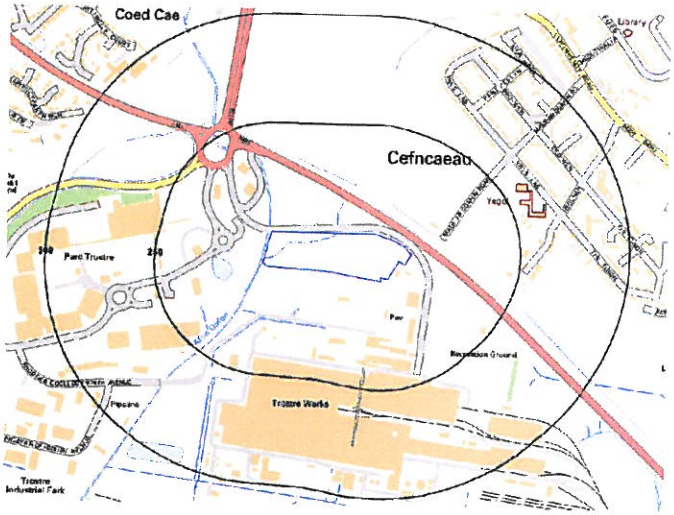
Address: Trostre Closed Landfill

Date: Aug 13, 2009

GroundSure Reference: HMD-142-529705

Your Reference: 44-05-01

Client: Excal Ltd



Brought to you by GroundSure

If you would like any further assistance regarding this report then please contact GroundSure on (T) 01273 819700, (F) 01273 377902, email: info@groundsure.com

Aerial Photograph of Study Site

Site Name: Trostre Closed Landfill
Grid Reference: 252744,199777

Aerial photography supplied by Getmapping PLC.
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Overview of Findings

For further details on each dataset, please refer to each individual section in the main report as listed. Where the database has been searched a numerical result will be recorded. Where the database has not been searched '-' will be recorded.

Report Section	Number of records found within (X) m of the study site boundary					
1. Authorisations, Incidents and Registers	on-site	0-50	51-250	251-500	501-1000	1000-1500
1.1 Industrial Sites Holding Licences and/or Authorisations						
Records of IPC Authorisations	0	0	0	6	-	-
Records of IPPC Authorisations	0	0	1	15	-	-
Records of Water Industry Referrals (potentially harmful discharges to the public sewer)	0	0	0	0	-	-
Records of Red List Discharge Consents (potentially harmful discharges to controlled waters)	0	0	0	0	-	-
Records of List 1 Dangerous Substances Inventory sites	0	0	0	0	-	-
Records of List 2 Dangerous Substances Inventory sites	0	0	0	0	-	-
Records of LAPPC Authorisations	0	0	1	1	-	-
Records of Category 3 or 4 Radioactive Substances Authorisations	0	0	1	8	-	-
Records of Licensed Discharge Consents	0	0	4	7	-	-
Records of Planning Hazardous Substance Consents	0	0	0	2		
1.2 Records of COMAH and NIHHS sites	0	0	0	0	-	-
1.3 Environment Agency Recorded Pollution Incidents						
National Incidents Recording System, List 2	0	0	0	-	-	-
National Incidents Recording System, List 1	0	0	0	-	-	-
1.4 Sites Determined as Contaminated Land under Part IIA EPA 1990	0	0	0	0	-	-
1.5 Planning Hazardous Substance Enforcements	0	0	0	0	-	-
2. Landfill and Other Waste Sites	on-site	0-50	51-250	251-500	501-1000	1000-1500
2.1 Landfill Sites						
Environment Agency Registered landfill Sites	1	0	0	0	1	-
Landfill Data - Operational Landfill Sites	0	0	0	0	1	-
Environment Agency Historic Landfill Sites	0	0	3	2	4	5
Landfill Data - Non-Operational Landfill Sites	1	0	1	0	0	-
BGS/DoE Landfill Site Survey	0	0	0	1	1	2
GroundSure Local Authority Landfill Sites Data	1	0	0	4	0	2
2.2 Landfill and Other Waste Sites Findings						
Operational Waste Treatment, Transfer and Disposal Sites	0	0	0	0	-	-
Non-Operational Waste Treatment, Transfer and Disposal Sites	0	0	0	2	-	-
Environment Agency (REGIS) Waste Sites	3	0	0	4	3	0
3. Current Land Uses	on-site	0-50	51-250	251-500	501-1000	1000-1500
3.1 Current Industrial Sites Data	0	1	10	-	-	-
3.2 Records of Petrol and Fuel Sites	0	0	2	0	-	-

3.3 Underground High Pressure Oil and Gas Pipelines	0	0	0	0	-	-

4. Geology

	Description
4.1 Are there any records of Artificial Ground and Made Ground present beneath the study site? *	No
4.2 Are there any records of Superficial Ground and Drift Geology present beneath the study site? *	Yes
4.3 For records of Bedrock and Solid Geology beneath the study site* see the detailed findings section. Source: Scale: 1:50,000 BGS Sheet 247	

* This includes an automatically generated 50m buffer zone around the site.

5. Hydrogeology and Hydrology

	on-site	0-50	51-250	251-500	501-1000	1001-2000
5.1 Environment Agency Groundwater Vulnerability and Soil Classification						
Is a Minor Aquifer present on site?	Yes	-	-	-	-	-
Is a Major Aquifer present on site?	No	-	-	-	-	-
Are there any Soil Classification records present on site?	Yes	-	-	-	-	-
5.2 Groundwater Abstraction Licences (within 1000m of the study site).	0	0	0	0	0	-
5.3 Surface Water Abstraction Licences (within 1000m of the study site).	0	0	0	0	3	-
5.4 Potable Water Abstraction Licences (within 2000m of the study site).	0	0	0	0	0	0
5.5 Are there any Source Protection Zones within 500m of the study site?			No			
5.6 River Quality						
Is there any Environment Agency information on river quality within 500m of the study site?	No	No	Yes	No	-	-
5.7 Main Rivers within 500m of the study site.	0	1	0	0	-	-
5.8 Surface water features within 250m of the study site	Yes	Yes	Yes	-	-	-

6. Flooding

6.1 Are there any Environment Agency indicative Zone 2 floodplains within 250m of the study site?	Yes
6.2 Are there any Environment Agency indicative Zone 3 floodplains within 250m of the study site?	Yes
6.3 Are there any Flood Defences within 250m of the study site?	No
6.4 Are there any areas benefiting from Flood Defences within 250m of the study site?	Yes
6.5 Are there any areas used for Flood Storage within 250m of the study site?	No
6.6 What is the maximum BGS Groundwater Flooding susceptibility within 50m of the study site?	High
6.7 What is the BGS confidence rating for the Groundwater Flooding susceptibility areas?	Moderately Low

7. Designated Environmentally Sensitive Sites

	on-site	0-50	51-250	251-500	501-1000	1001-1500
7.1 Records of Sites of Special Scientific Interest (SSSI)	0	0	0	0	-	-
7.2 Records of National Nature Reserves (NNR)	0	0	0	0	-	-
7.3 Records of Local Nature Reserves (LNR)	0	0	0	0	-	-
7.4 Records of Special Areas of Conservation (SAC)	0	0	0	0	-	-
7.5 Records of Special Protection Areas (SPA)	0	0	0	0	-	-
7.6 Records of Ramsar sites	0	0	0	0	-	-
7.7 Records of World Heritage Sites	0	0	0	0	-	-
7.8 Records of Environmentally Sensitive Areas	0	0	0	0	-	-
7.9 Records of Areas of Outstanding Natural Beauty (AONB)	0	0	0	0	-	-
7.10 Records of National Parks	0	0	0	0	-	-

7.1 Records of Sites of Special Scientific Interest (SSSI)	0	0	0	0	-	-
7.11 Records of Nitrate Sensitive Areas	0	0	0	0	-	-
7.12 Records of Nitrate Vulnerable Zones	0	0	0	0	-	-

8. Natural Hazards

8.1 What is the maximum risk of natural ground subsidence?	Moderate

9. Mining

9.1 Are there any coal mining areas within 75m of the study site?	Yes
9.2 What is the risk of subsidence relating to shallow mining within 150m of the study site?	Low-Moderate
9.3 Are there any brine affected areas within 75m of the study site?	No

Using this Report

The following report is designed by Environmental Consultants for Environmental Professionals bringing together the most up-to-date market leading environmental data. This report is provided under and subject to the Terms & Conditions agreed between GroundSure and the Client. The document contains the following sections:

1. Authorisations, Incidents and Registers

Provides information on Regulated Industrial Activities and Pollution Incidents as recorded by Regulatory Authorities, and sites determined as Contaminated Land. This search is conducted using radii up to 500m.

2. Landfills and Other Waste Sites

Provides information on landfills and other waste sites that may pose a risk to the study site. This search is conducted using radii up to 1500m.

3. Current Land Uses

Provides information on current land uses that may pose a risk to the study site in terms of potential contamination from activities or processes. These searches are conducted using radii of up to 500m. This includes information on potentially contaminative industrial sites, petrol stations and fuel sites as well as high pressure underground oil and gas pipelines.

4. Geology

Provides information on artificial and superficial deposits and bedrock beneath the study site.

5. Hydrogeology and Hydrology

Provides information on groundwater vulnerability, soil leaching potential, abstraction licenses, Source Protection Zones (SPZ) and river quality. These searches are conducted using radii of up to 2000m.

6. Flooding

Provides information on surface water flooding, flood defences, flood storage areas and groundwater flood areas. This search is conducted using radii of up to 250m.

7. Designated Environmentally Sensitive Sites

Provides information on the Sites of Special Scientific Interest (SSSI), National Nature Reserves (NNR), Special Areas of Conservation (SAC), Special Protection Areas (SPA), Ramsar sites, Local Nature Reserves (LNR), Areas of Outstanding Natural Beauty (AONB), National Parks (NP), Environmentally Sensitive Areas, Nitrate Sensitive Areas, Nitrate Vulnerable Zones and World Heritage Sites. These searches are conducted using radii of up to 500m.

8. Natural Hazards

Provides information on a range of natural hazards that may pose a risk to the study site. These factors include natural ground subsidence.

9. Mining

Provides information on areas of coal and shallow mining.

10. Contacts

This section of the report provides contact points for statutory bodies and data providers that may be able to provide further information on issues raised within this report. Alternatively, GroundSure provide a free Technical Helpline (01273 819700) for further information and guidance.

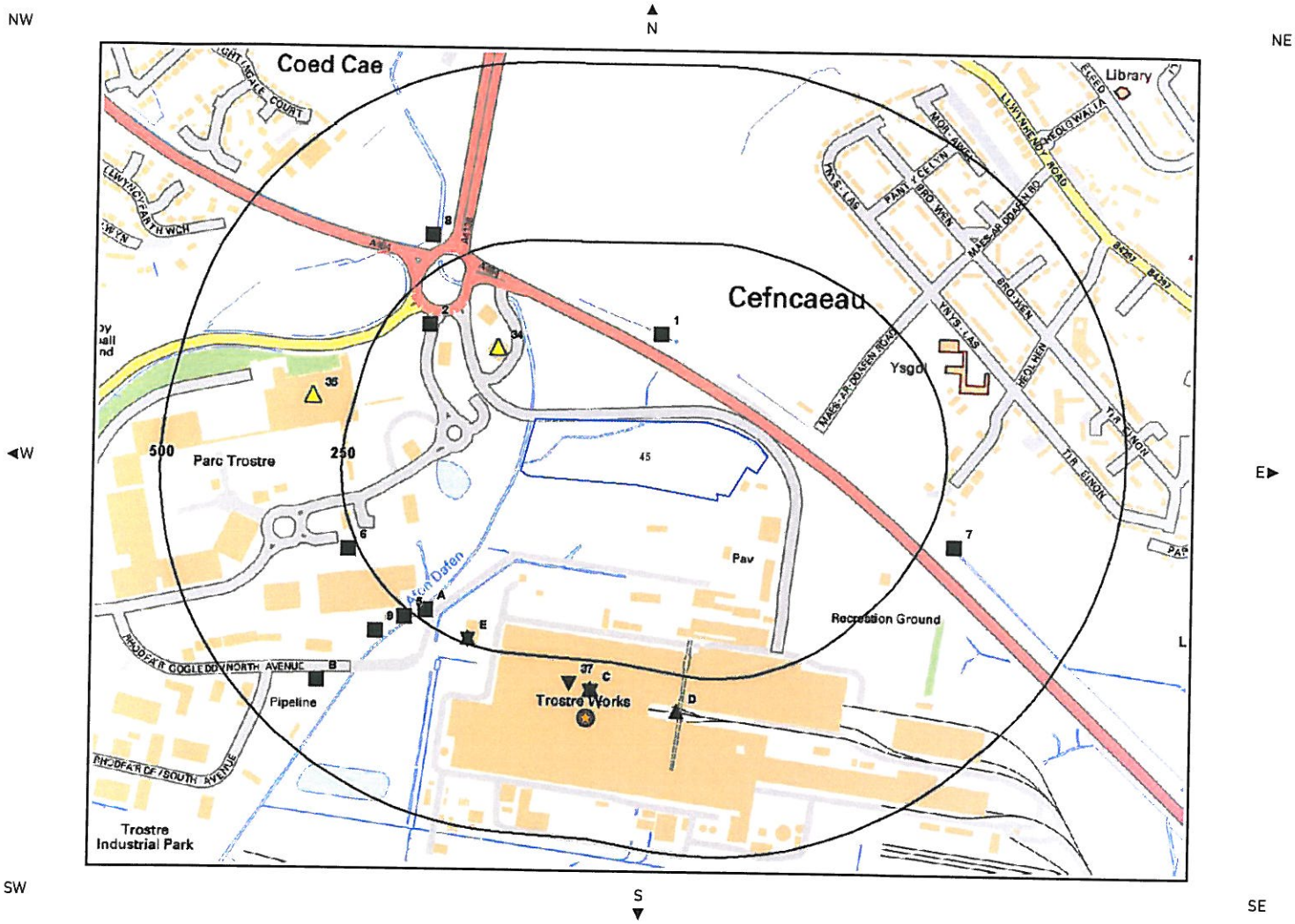
Note: Maps

Only certain features are placed on the maps within the report. All features represented on maps found within this search are given an identification number. This number identifies the feature on the mapping and correlates it to the additional information provided below. This identification number precedes all other information and takes the following format -Id: 1, Id: 2, etc. Where numerous features on the same map are in such close proximity that the numbers would obscure each other a letter identifier is used instead to represent the features. (e.g. Three features which overlap may be given the identifier "A" on the map and would be identified separately as features 1A, 3A, 10A on the data tables provided).

Where a feature is reported in the data tables to a distance greater than the map area, it is noted in the data table as "Not Shown".

All distances given in this report are in Metres (m). Directions are given as compass headings such as N: North, E: East, NE: North East from the nearest point of the study site boundary.

1. Authorisations, Incidents and Registers Map



Authorisations,Incidents and Registers Legend

Enabled by Ordnance Survey

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Licence Number: 100035207

- Site Outline
- Search Buffers (m) — 250, 500
- Recorded Pollution Incident
- Dangerous Substances (List 1)
- Dangerous Substances (List 2)
- Water Industry Referrals
- Licenced Discharge Consents
- Red List Discharge Consents
- RAS 3 & 4 Authorisations
- IPPC & IPC Authorisations
- LAPPC Authorisations
- COMAH / NIHHS Sites
- Sites Determined as Contaminated Land
- Hazardous Substance Consents
- Hazardous Substance Enforcements

1.Authorisations, Incidents and Registers

1.1 Industrial Sites Holding Licences and/or Authorisations

Searches of information provided by the Environment Agency and Local Authorities reveal the following information:

Records of IPC Authorisations within 500m of the study site: **6**

The following IPC Authorisations are represented as points on the Authorisations, Incidents and Registers map:

ID	Distance	Direction	NGR	Details	
12C	292.0	S	252730, 199390	Operator: Corus UK Ltd Address: Trostre Works, Llanelli, Dyfed, SA14 9SD Process: Combustion Processes	Permit Number: BF1661 Original Permit Number: IPCMINVAR Date Approved: 28-1-1999 Effective Date: 31-1-1999 Status: Superseded By Variation
13C	292.0	S	252730, 199390	Operator: Corus UK Ltd Address: Trostre Works, Llanelli, Dyfed, SA14 9SD Process: Combustion Processes	Permit Number: AF7789 Original Permit Number: IPCAPP Date Approved: 17-11-1992 Effective Date: 17-11-1992 Status: Superseded By Variation
14C	292.0	S	252730, 199390	Operator: Corus UK Ltd Address: Trostre Works, Llanelli, Dyfed, SA14 9SD Process: Combustion Processes	Permit Number: AT1954 Original Permit Number: IPCMINVAR Date Approved: 17-10-1995 Effective Date: 1-11-1995 Status: Superseded By Variation
15C	292.0	S	252730, 199390	Operator: Corus UK Ltd Address: Trostre Works, Llanelli, Dyfed, SA14 9SD Process: Combustion Processes	Permit Number: BD2802 Original Permit Number: IPCMINVAR Date Approved: 24-11-1998 Effective Date: 30-11-1998 Status: Superseded By Variation
16C	292.0	S	252730, 199390	Operator: Corus UK Ltd Address: Trostre Works, Llanelli, Dyfed, SA14 9SD Process: Combustion Processes	Permit Number: BJ0684 Original Permit Number: IPCMINVAR Date Approved: 27-3-2001 Effective Date: 4-4-2001 Status: Superseded By Variation
17C	292.0	S	252730, 199390	Operator: Corus UK Ltd Address: Trostre Works, Llanelli, Dyfed, SA14 9SD Process: Combustion Processes	Permit Number: BQ3380 Original Permit Number: IPCMINVAR Date Approved: 11-2-2002 Effective Date: 18-2-2002 Status: Revoked - Now Ippc

Records of IPPC Authorisations within 500m of the study site: **16**

The following IPPC Authorisations are represented as points on the Authorisations, Incidents and Registers map:

ID	Distance	Direction	NGR	Details	
18E	243.0	S	252560, 199460	Operator: Multiserv Group Ltd Installation Name: Corus Packaging Plus Process: Non-ferrous Metals; Melting With Capacity →4t/d Lead/cadmium Or 20t/d Others	Permit Number: SP3235MM Original Permit Number: SP3235MM Issue Date: 30/10/2006 Effective Date: 30/10/2006 Status: Transfer Effective
19C	292.0	S	252730, 199390	Operator: Multiserv (asr) Ltd Installation Name: - Process: Non-ferrous Metals; Melting With Capacity →4t/d Lead/cadmium Or 20t/d Others	Permit Number: BT6365 Original Permit Number: BT6365 Issue Date: 16-7-2003 Effective Date: 16-7-2003 Status: Superseded By Pas
20C	292.0	S	252730, 199390	Operator: Multiserv (asr) Ltd Installation Name: - Process: Non-ferrous Metals; Melting With Capacity →4t/d Lead/cadmium Or 20t/d Others	Permit Number: BV9250 Original Permit Number: BT6365 Issue Date: - Effective Date: - Status: Superseded By Pas
21C	292.0	S	252730, 199390	Operator: Corus Uk Limited Installation Name: Trostre Tin Process: Surface Treating Metals And Plastics; Electrolytic/chemical →30 Cu M	Permit Number: CP3433LF Original Permit Number: BX9471IU Issue Date: 4/4/2006 Effective Date: 4/4/2006 Status: Superceded

22C	292.0	S	252730, 199390	Operator: Corus Uk Limited Installation Name: Trostre Tin Process: Associated Process	Permit Number: CP3433LF Original Permit Number: BX9471IU Issue Date: 4/4/2006 Effective Date: 4/4/2006 Status: Superceded
23C	292.0	S	252730, 199390	Operator: Corus Uk Limited Installation Name: Trostre Tin Process: Combustion; Any Fuel =->50mw	Permit Number: CP3433LF Original Permit Number: BX9471IU Issue Date: 4/4/2006 Effective Date: 4/4/2006 Status: Superceded
24C	292.0	S	252730, 199390	Operator: Corus Uk Limited Installation Name: Trostre Tin Process: Combustion; Any Fuel =->50mw	Permit Number: KP3232MN Original Permit Number: BX9471IU Issue Date: 13/12/2006 Effective Date: 13/12/2006 Status: Effective
25C	292.0	S	252730, 199390	Operator: Short Bros (plant) Ltd Installation Name: Trostre Tin Process: Non-ferrous Metals; Melting With Capacity ->4t/d Lead/cadmium Or 20t/d Others	Permit Number: BT6365IQ Original Permit Number: BT6365IQ Issue Date: 16/7/2003 Effective Date: 16/7/2003 Status: Superceded
26C	292.0	S	252730, 199390	Operator: Short Bros (plant) Ltd Installation Name: Trostre Tin Process: Non-ferrous Metals; Melting With Capacity ->4t/d Lead/cadmium Or 20t/d Others	Permit Number: BV9250IW Original Permit Number: BT6365IQ Issue Date: 24/9/2003 Effective Date: 26/9/2003 Status: Superceded
27C	292.0	S	252730, 199390	Operator: Veolia Water Industrial Outsourcing Limited Installation Name: Corus Trostre Boiler House Process: Surface Treating Metals And Plastics; Electrolytic/chemical ->30 Cu M	Permit Number: JP3439SZ Original Permit Number: JP3439SZ Issue Date: 22/6/2005 Effective Date: 22/6/2005 Status: Superceded
28C	292.0	S	252730, 199390	Operator: Veolia Water Industrial Outsourcing Limited Installation Name: Corus Trostre Boiler House Process: Combustion; Any Fuel =->50mw	Permit Number: JP3439SZ Original Permit Number: JP3439SZ Issue Date: 22/6/2005 Effective Date: 22/6/2005 Status: Superceded
29C	292.0	S	252730, 199390	Operator: Corus Uk Limited Installation Name: Trostre Tin Process: Surface Treating Metals And Plastics; Electrolytic/chemical ->30 Cu M	Permit Number: KP3232MN Original Permit Number: BX9471IU Issue Date: 13/12/2006 Effective Date: 13/12/2006 Status: Effective
30C	292.0	S	252730, 199390	Operator: Corus Uk Limited Installation Name: Trostre Tin Process: Associated Process	Permit Number: KP3232MN Original Permit Number: BX9471IU Issue Date: 13/12/2006 Effective Date: 13/12/2006 Status: Effective
31D	303.0	S	252850, 199360	Operator: Corus Uk Limited Installation Name: Trostre Tin Process: Surface Treating Metals And Plastics; Electrolytic/chemical ->30 Cu M	Permit Number: RP3539LV Original Permit Number: BX9471IU Issue Date: - Effective Date: - Status: Determination
32D	303.0	S	252850, 199360	Operator: Corus Uk Limited Installation Name: Trostre Tin Process: Associated Process	Permit Number: RP3539LV Original Permit Number: BX9471IU Issue Date: - Effective Date: - Status: Determination
33D	303.0	S	252850, 199360	Operator: Corus Uk Limited Installation Name: Trostre Tin Process: Combustion; Any Fuel =->50mw	Permit Number: RP3539LV Original Permit Number: BX9471IU Issue Date: - Effective Date: - Status: Determination

Records of Water Industry Referrals (potentially harmful discharges to the public sewer) within 500m of the study site:

Database searched and no data found. **0**

Records of Red List Discharge Consents (potentially harmful discharges to controlled waters) within 500m of the study site:

Database searched and no data found. **0**

Records of List 1 Dangerous Substances Inventory Sites within 500m of the study site:

Database searched and no data found. **0**

Records of List 2 Dangerous Substance Inventory Sites within 500m of the study site: 0

Database searched and no data found.

Records of LAPPC Authorisations within 500m of the study site: 2

The following LAPPC (LAPC) Authorisations are represented as points on the Authorisations, Incidents and Registers map:

ID	Distance	Direction	NGR	Details	
34	111.0	NW	252596, 199866	Address: Trostre Park Filling Station, Trostre Park, Trostre, Llanelli Sa14 9uy Process: 1.2	Status: Current Date: No details.
35	307.0	W	252339, 199796	Address: Tesco Stores Limited, Parc Trostre, Trostre, Llanelli, Sa14 9uu Process: 1.2	Status: Current Date: No details.

Records of Category 3 or 4 Radioactive Substance Licences within 500m of the study site: 9

The following RAS Licence (3 or 4) records are represented as points on the Authorisations, Incidents and Registers map:

ID	Distance	Direction	NGR	Details	
36E	243.0	S	252560, 199460	Address: Corus Uk Ltd, Trostre Works, Llanelli, Dyfed, SA14 9SD Type: Keeping And Use Of Radioactive Materials (was Rsa60 Section 1). Permission Number: BM7405 Original Permission Number: AH1935	Status: - Date Approved: - Effective Date: -
37	284.0	S	252700, 199400	Address: Corus Uk Ltd, Trostre Works, Llanelli, Dyfed, SA14 9SD Type: Keeping And Use Of Radioactive Materials (was Rsa60 Section 1). Permission Number: BJ1982 Original Permission Number: AH1935	Status: - Date Approved: - Effective Date: -
38C	292.0	S	252730, 199390	Address: Corus Uk Ltd, Trostre Works, Llanelli, Dyfed, SA14 9SD Type: Keeping And Use Of Radioactive Materials (was Rsa60 Section 1). Permission Number: AG9108 Original Permission Number: AH1935	Status: Superseded By Variation Date Approved: 1-2-1993 Effective Date: 1-2-1993
39C	292.0	S	252730, 199390	Address: Corus Uk Ltd, Trostre Works, Llanelli, Dyfed, SA14 9SD Type: Keeping And Use Of Radioactive Materials (was Rsa60 Section 1). Permission Number: AH1935 Original Permission Number: AH1935	Status: Superseded By Variation Date Approved: 31-3-1991 Effective Date: 31-3-1991
40C	292.0	S	252730, 199390	Address: Corus Uk Ltd, Trostre Works, Llanelli, Dyfed, SA14 9SD Type: Keeping And Use Of Radioactive Materials (was Rsa60 Section 1). Permission Number: AM8016 Original Permission Number: AH1935	Status: Superseded By Variation Date Approved: 15-6-1994 Effective Date: 15-6-1994
41C	292.0	S	252730, 199390	Address: Corus Uk Ltd, Trostre Works, Llanelli, Dyfed, SA14 9SD Type: Keeping And Use Of Radioactive Materials (was Rsa60 Section 1). Permission Number: BA9541 Original Permission Number: AH1935	Status: Superseded By Variation Date Approved: 11-6-1998 Effective Date: 11-6-1998
42C	292.0	S	252730, 199390	Address: Corus Uk Ltd, Trostre Works, Llanelli, Dyfed, SA14 9SD Type: Keeping And Use Of Radioactive Materials (was Rsa60 Section 1). Permission Number: BF1050 Original Permission Number: AH1935	Status: Superseded By Variation Date Approved: 9-2-1999 Effective Date: 9-2-1999
43C	292.0	S	252730, 199390	Address: Corus Uk Ltd, Trostre Works, Llanelli, Dyfed, SA14 9SD Type: Keeping And Use Of Radioactive Materials (was Rsa60 Section 1). Permission Number: BF3818 Original Permission Number: AH1935	Status: Superseded By Variation Date Approved: 25-2-1999 Effective Date: 25-2-1999

44C	292.0	S	252730, 199390	Address: British Steel Tinplate, Corus Packaging Plus,trostre Works, Llanelli, Dyfed, SA14 9SD Type: Disposal Of Radioactive Waste (was Rsa60 Section 6). Permission Number: BB6122 Original Permission Number: BB6122	Status: Expired Date Approved: 4/9/1998 Effective Date: 14/9/1998

Records of Licensed Discharge Consents within 500m of the study site: 11

The following Licensed Discharge Consents records are represented as points on the Authorisations, Incidents and Registers map:

ID	Distance	Direction	NGR	Details	
1	122.0	N	252822, 199890	Address: Pemberton Dev't Sps Pemberton Carms, Pembeton Development Sps, Maes-ar-ddafen, Pemberton, Llanelli Carms Effluent Type: Sewage Discharges - Pumping Station - Not Water Company Permit Number: BP0360801 Permit Version: 1	Receiving Water: Trib River Dafen Status: New Consent (wra 91, S88 & Sched 10 As Amended By Env Act 1995) Issue date: 27/7/2007 Effective Date: 27/7/2007 Revocation Date: -
2	198.0	NW	252500, 199900	Address: Site Off. Opp.no.13 Victoria Rd. Go, Site Off. Opp.no.13 Victoria Rd., Opp.no.13 Victoria Rd. Gowerton., Gowerton. Effluent Type: Unspecified Permit Number: BP0211701 Permit Version: 1	Receiving Water: Into Land Status: Lapsed Under Schedule 23 Environment Act 1995 Issue date: - Effective Date: - Revocation Date: -
3A	235.0	SW	252500, 199500	Address: Trostre Business Park Llanelli, Trostre Business Park, Llanelli, Carmarthen, Carmarthenshire, SA14 9US Effluent Type: Trade Discharges - Site Drainage Permit Number: BP0336801 Permit Version: 1	Receiving Water: River Dafan Via Ditch Status: New Consent (wra 91, S88 & Sched 10 As Amended By Env Act 1995) Issue date: 15/2/2005 Effective Date: 15/2/2005 Revocation Date: -
4A	235.0	SW	252500, 199500	Address: Trostre Business Park Llanelli, Trostre Business Park, Llanelli, Carmarthen, Carmarthenshire, SA14 9US Effluent Type: Trade Discharges - Site Drainage Permit Number: BP0336801 Permit Version: 1	Receiving Water: River Dafan Via Ditch Status: New Consent (wra 91, S88 & Sched 10 As Amended By Env Act 1995) Issue date: 15/2/2005 Effective Date: 15/2/2005 Revocation Date: -
5	261.0	SW	252470, 199490	Address: Pumping Station At Trostre Park Dev, Pumping Station At Trostre Park, Trostre Park, Llanelli, Wales Effluent Type: Sewage Discharges - Pumping Station - Water Company Permit Number: BP0211001 Permit Version: 2	Receiving Water: A Trib Of The Afon Dafen Status: Modified - (wra 91 Sched 10 - As Amended By Env Act 1995) Issue date: 3/9/2004 Effective Date: 4/9/2004 Revocation Date: -
6	264.0	SW	252391, 199584	Address: Trostre Wts Trostre Ind Pk Llanelli, Trostre Waste Transfer Station, Trostre Industrial Park, Llanelli, SA15 1JY Effluent Type: Trade Discharges - Site Drainage (contam Surface Water, Not Waste Sit Permit Number: BP028660101 Permit Version: 1	Receiving Water: Unnamed Trib Of Afon Dafen Status: New Consent (wra 91, S88 & Sched 10 As Amended By Env Act 1995) Issue date: - Effective Date: - Revocation Date: -
7	290.0	SE	253234, 199597	Address: Heol Hen Cso Llwynhendy Llanelli, Heol Hen Cso, Llwynhendy, Llanelli, Carmarthenshire Effluent Type: Sewage Discharges - Sewer Storm Overflow - Water Company Permit Number: BP0319901 Permit Version: 2	Receiving Water: Unnamed Tributary Status: Varied By Application - (wra 91 Sched 10 - As Amended By Env Act 1995) Issue date: - Effective Date: - Revocation Date: -
8	295.0	NW	252503, 200025	Address: Cso At Upper Cross Roads Nr Coedcae, A Combined Sewer Overflow, At Upper Cross Roads, Near Codecae, Llanelli Effluent Type: Sewage Discharges - Sewer Storm Overflow - Water Company Permit Number: BP0314701 Permit Version: 1	Receiving Water: The Afon Dafen Status: New Consent (wra 91, S88 & Sched 10 As Amended By Env Act 1995) Issue date: 25/2/2004 Effective Date: 25/2/2004 Revocation Date: -
9	302.0	SW	252430, 199470	Address: Trostre Ind Estate , Trostre Ind Estate , Effluent Type: Sewage Discharges - Sewer Storm Overflow - Water Company Permit Number: BP0246401 Permit Version: 1	Receiving Water: River Dafen Status: New Consent, By Application (wra 91, Section 88) Issue date: 21/7/1994 Effective Date: 21/7/1994 Revocation Date: -
10B	407.0	SW	252350, 199400	Address: Trostre Waste Transfer Station, Trostre Industrial Park, Llanelli, SA15 1JY Effluent Type: Trade Discharges - Site Drainage (contam Surface Water, Not Waste Sit Permit Number: BP0289601 Permit Version: 1	Receiving Water: Afon Dafen Status: New Consent (wra 91, S88 & Sched 10 As Amended By Env Act 1995) Issue date: 11/6/2001 Effective Date: 11/6/2001 Revocation Date: -

11B	407.0	SW	252350, 199400	Address: Trostre Waste Transfer Station, Trostre Industrial Park, Llanelli, SA15 1JY Effluent Type: Trade Discharges - Site Drainage (contam Surface Water, Not Waste Sit Permit Number: BP0289601 Permit Version: 1	Receiving Water: Afon Dafen Status: New Consent (wra 91, S88 & Sched 10 As Amended By Env Act 1995) Issue date: 11/6/2001 Effective Date: 11/6/2001 Revocation Date: -

Records of Planning Hazardous Substance Consents within 500m of the study site **2**

The following Planning Hazardous Substance Consents records are represented as points on the Authorisations, Incidents and Registers map:

ID	Distance	Direction	Application Reference Number	Application Status	Address	Details
46F	332.0	S	S/05864	Hazardous Substance Consent Approved	Corus Packaging Plus, Trostre Works, Llanelli, Carmarthenshire, Sa149sd	Application For Hazardous Substances Consent
47F	332.0	S	S/11430	Hazardous Substance Consent Approved	Corus Packaging Plus, Trostre Works, Llanelli, Carms, Sa149sd	Proposed Amendment To Existing Hazardous Substances Consent Granted On The 20th June 2005 Under Reference S/05864

1.2 Dangerous or Hazardous Sites

Records of COMAH & NIHHS sites within 500m of the study site: **0**

Database searched and no data found.

1.3 Environment Agency Recorded Pollution Incidents

Records of National Incidents Recording System, List 2 within 250m of the study site: **0**

Database searched and no data found.

Records of National Incidents Recording System, List 1 within 250m of the study site: **0**

Database searched and no data found.

1.4 Sites Determined as Contaminated Land under Part IIA EPA 1990[1]

How many records of sites determined as contaminated land under Section 78R of the Environmental Protection Act 1990 are there within 500m of the study site? **0**

Database searched and no data found.

1.5 Planning Hazardous Substance Enforcements

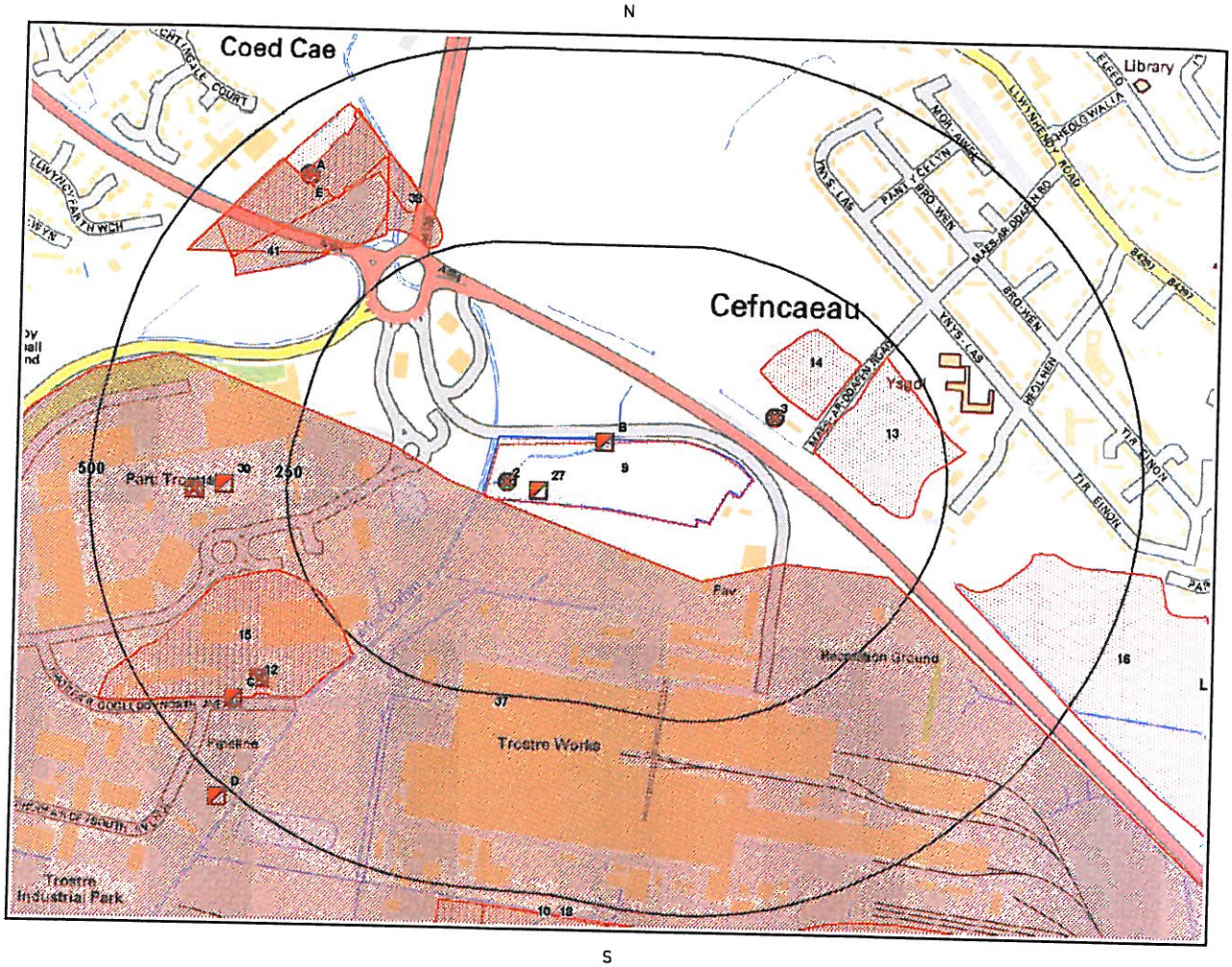
Records of planning hazardous substance enforcements within 500m of the study site: **0**

Database searched and no data found.

[1]Further information on sites that have been determined under the Contaminated Land Regime is maintained by Local Authorities under Section 78R of the Environmental Protection Act 1990. Information should be available on both sites currently determined as Contaminated Land and Special Sites.

2. Landfill and Other Waste Sites Map

NW N NE



W E

SW S SE

Landfill & Other Waste Sites Legend

Enabled by Ordnance Survey

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- Site Outline
- 250 / 500 — Search Buffers (m)
- E.A. Active Landfill
- E.A. Historic Landfill (Area Data)
- E.A. Historic Landfill (Point Data)
- BGS / DoE Survey Landfill
- Local Authority Landfill (Area Data)
- Local Authority Landfill (Point Data)
- Operational Waste Treatment Licence
- Closed Waste Treatment Licence
- REGIS Waste Licence
- Operational Landfill
- Closed Landfill

2. Landfill and Other Waste Sites

2.1 Landfill Sites

Records from Environment Agency landfill data within 1000m of the study site: **2**

The following Environment Agency landfill records are represented as polygons on the Landfill and Other Waste Sites map:

ID	Distance	Direction	NGR	Details	
9	0.0	On Site	252974,199720	Address: Trostre, Llanelli, Carmarthenshire, SA14 9SD Landfill Reference: 34091.0 Regis Reference: LLN/WD/007 Landfill Type: A6 : Landfill taking other wastes	Operator: Carmarthenshire County Council Status: Closure IPPC Reference:
10	519.0	S	252636,199076	Address: Corus, Trostre Works, Llanelli, Carmarthenshire, SA14 9SD Landfill Reference: 34069.0 Regis Reference: LLN/WD/005 (Landfill Type: A7 : Industrial Waste Landfill (Factory curtilage)	Operator: Corus U K Ltd Status: Issued IPPC Reference:

Records of operational landfill sites sourced from Landmark within 1000m of the study site: **1**

The following landfill records are represented as points on the Landfill and Other Waste Sites map:

ID	Distance	Direction	NGR	Details	
Not shown	630.0	SE	253200,199100	Site Address: Land at British Steel, Trostre Works, LLANELLI, Carmarthenshire, SA14 9SD Agency Reference: EAWML34069 Waste Type: Inert Waste Description: Inert Landfill Known Restrictions: Waste produced/controlled by licence holder	Record Date: 01-Jun-1993 Transfer Date: Modification Date: 01-Mar-1999 Status: Operational as far as is known Category: LANDFILL Regulator: EA - Welsh Region - South West Area (Swansea) Size: Very Small (<-10,000 tonnes/year)

Records of Environment Agency historic landfill sites within 1500m of the study site: **14**

The following landfill records are represented as either points or polygons on the Landfill and Other Waste Sites map:

ID	Distance	Direction	NGR	Details	
13	85.0	NE	253100,199700.0	Site Address: Techon Tip, Maes Ar Ddafen Road, Llanelli, Dyfed Waste Licence: - Site Reference: - Waste Type: Inert, Industrial, Commercial, Special Regis Reference: -	Licence Issue: Licence Surrendered: Licence Hold Address: - Operator: -
14	104.0	NE	253000,199800.0	Site Address: Maes Y Dafen, Llanelli Waste Licence: - Site Reference: - Waste Type: Inert, Industrial Regis Reference: -	Licence Issue: Licence Surrendered: Licence Hold Address: - Operator: -
15	243.0	SW	252300,199400.0	Site Address: Amenity Site, Trostre Waste Licence: - Site Reference: - Waste Type: - Regis Reference: -	Licence Issue: Licence Surrendered: Licence Hold Address: - Operator: -

16	295.0	SE	253400,199400.0	Site Address: Techon Tip, Llwynhendy, Llanelli, Dyfed Waste Licence: - Site Reference: - Waste Type: Inert, Industrial, Commercial, Special Regis Reference: -	Licence Issue: Licence Surrendered: Licence Hold Address: - Operator: -
17A	309.0	NW	252400,200000.0	Site Address: St George Tip, Halfway, Llanelli, Dyfed Waste Licence: - Site Reference: - Waste Type: Commercial Regis Reference: -	Licence Issue: Licence Surrendered: Licence Hold Address: - Operator: Llanelli Rural District Council
18	519.0	S	253000,199000.0	Site Address: British Steel Corporation, Lower Trostre Road, Morfa, Llanelli, Clwyd Waste Licence: - Site Reference: - Waste Type: Industrial, Liquid sludge Regis Reference: -	Licence Issue: Licence Surrendered: Licence Hold Address: - Operator: British Steel Corporation
Not shown	708.0	N	252600,200500.0	Site Address: Rear Of Havard Road, Llanelli, Llanelli Waste Licence: - Site Reference: - Waste Type: Industrial Regis Reference: -	Licence Issue: Licence Surrendered: Licence Hold Address: - Operator: -
Not shown	726.0	SW	252200,198900.0	Site Address: Lower Trostre Road, Llanelli Waste Licence: - Site Reference: - Waste Type: - Regis Reference: -	Licence Issue: Licence Surrendered: Licence Hold Address: - Operator: -
Not shown	866.0	W	251700,199300.0	Site Address: Trostre Road, Llanelli, Dyfed Waste Licence: - Site Reference: - Waste Type: Industrial, Commercial Regis Reference: -	Licence Issue: Licence Surrendered: Licence Hold Address: - Operator: Llanelli Borough Council
Not shown	1150.0	N	252200,200900.0	Site Address: Capel Quarry, Dafen, Llanelli Waste Licence: - Site Reference: - Waste Type: Inert, Industrial Regis Reference: -	Licence Issue: Licence Surrendered: Licence Hold Address: - Operator: -
Not shown	1168.0	SE	254100,199100.0	Site Address: Field, Techon Farm, Bynea, Dyfed Waste Licence: - Site Reference: - Waste Type: Industrial, Commercial Regis Reference: -	Licence Issue: Licence Surrendered: Licence Hold Address: - Operator: Llanelli Rural District Council
Not shown	1192.0	W	251300,199400.0	Site Address: Penyfan Playing Fields, Penyfan, Llanelli Waste Licence: Yes Site Reference: - Waste Type: Inert Regis Reference: -	Licence Issue: Licence Surrendered: Licence Hold Address: - Operator: -
Not shown	1339.0	E	254300,199200.0	Site Address: Land South of Bynea Rugby Football Club, Bynea, Carmarthenshire Waste Licence: Yes Site Reference: - Waste Type: Inert, Industrial Regis Reference: -	Licence Issue: 31-Oct-1991 Licence Surrendered: 30-Apr-1994 Licence Hold Address: - Operator: -
Not shown	1367.0	NW	252000,201000.0	Site Address: Old Sewage Disposal Works, Halfway Waste Licence: - Site Reference: - Waste Type: Industrial Regis Reference: -	Licence Issue: Licence Surrendered: Licence Hold Address: - Operator: -

Records of non-operational landfill sites sourced from Landmark within 1000m of the study site: 2

The following landfill records are represented as points on the Landfill and Other Waste Sites map:

ID	Distance	Direction	NGR	Details

2	0.0	On Site	252660,199710	Site Address: off Trostre Link Road, LLANELLI, Carmarthenshire, Landfill Licence: W2DAENAL Agency Reference: EAWML34091 Waste Type: Inert Waste Description: Inert Landfill Known Restrictions: No known restriction on source of waste	Record Date: 01-Mar-1994 Transfer Date: Modification Date: 01-Mar-1999 Status: Site closed Category: LANDFILL Regulator: EA - Welsh Region - South West Area (Swansea) Size: Small (<-25,000 tonnes/year)
3	74.0	NE	253000,199800	Site Address: Maesarddafen Road, LLANELLI, Carmarthenshire, Landfill Licence: W2DADXAL Agency Reference: Waste Type: Inert Waste Description: Inert Landfill Known Restrictions: No known restriction on source of waste	Record Date: 01-Mar-1989 Transfer Date: Modification Date: Status: Licence lapsed/cancelled/defunct/not applicable/surrendered Category: LANDFILL Regulator: EA - Welsh Region - South West Area (Swansea) Size: Undefined

Records of BGS/DoE non-operational landfill sites within 1500m of the study site: **4**

The following landfill records are represented as points on the Landfill and Other Waste Sites map:

ID	Distance	Direction	NGR	Details	
5A	414.0	NW	252400,200100	Address: St George's Tip, Halfway, Llanelli, Dyfed BGS Number: 696.0	Risk: Risk to minor aquifer Waste Type: N/A
Not shown	939.0	SW	252000,199000	Address: British Steel Corp, Trestre, Works BGS Number: 1815.0	Risk: No risk to aquifer Waste Type: N/A
Not shown	1011.0	SW	251700,199300	Address: Triste Road, Llanelli, Dyfed BGS Number: 578.0	Risk: Risk to minor aquifer Waste Type: N/A
Not shown	1111.0	E	254000,199300	Address: Field, Techon Farm, Bynea, Dyfed BGS Number: 702.0	Risk: Risk to minor aquifer Waste Type: N/A

Records of Local Authority landfill sites within 1500m of the study site: **7**

The following landfill records are represented as points or polygons on the Landfill and Other Waste Sites map:

ID	Distance	Direction	Site Address	Source	Data Type
37	0.0	On Site	Trostre Road, Llanelli	GS Report/ Carmarthenshire Council	Polygon
38	257.0	N	Refuse Tip	1972 mapping	Polygon
39E	297.0	NW	Refuse Tip	1973 mapping	Polygon
40E	303.0	NW	Refuse Tip	1968 mapping	Polygon
41	321.0	NW	Refuse Tip	1972 mapping	Polygon
Not shown	1183.0	SE	Refuse Tip	1966 mapping	Polygon
Not shown	1185.0	SE	Refuse Tip	1966 mapping	Polygon

2.2 Other Waste Sites

Records of operational waste treatment, transfer or disposal sites within 500m of the study site: **0**

Database searched and no data found.

Records of non-operational waste treatment, transfer or disposal sites within 500m of the study site: **2**

The following waste treatment, transfer or disposal sites records are represented as points on the Landfill and Other Waste Sites map:

ID	Distance	Direction	NGR	Details

11	368.0	W	252262,199691	Site Address: Units 1-3 Trostre Industrial Park, Trostre Road, LLANELLI, Carmarthenshire, SA15 1LQ Landfill Licence: W2DAEDAL EA Reference: - Waste Type: Difficult Waste Description: Difficult Known Restrictions: No known restriction on source of waste	Record Date:01-Jun-1992 Transfer Date: Modification Date: Status: Licence lapsed/cancelled/defunct/not applicable/surrendered Category: TRANSFER Regulator: EA - Welsh Region - South West Area (Swansea) Size: Undefined
12	373.0	SW	252350,199450	Site Address: Trostre C.A.Site, Trostre Road Industrial Estate, LLANELLI, Carmarthenshire, Landfill Licence: WW2ABGAL EA Reference: EAWML34182 Waste Type: Difficult Waste Description: Difficult Known Restrictions: No known restriction on source of waste	Record Date:01-Sep-2000 Transfer Date: Modification Date: Status: Site not yet started Category: CIVIC AMENITY Regulator: EA - Welsh Region - South West Area (Swansea) Size: Small (<-25,000 tonnes/year)

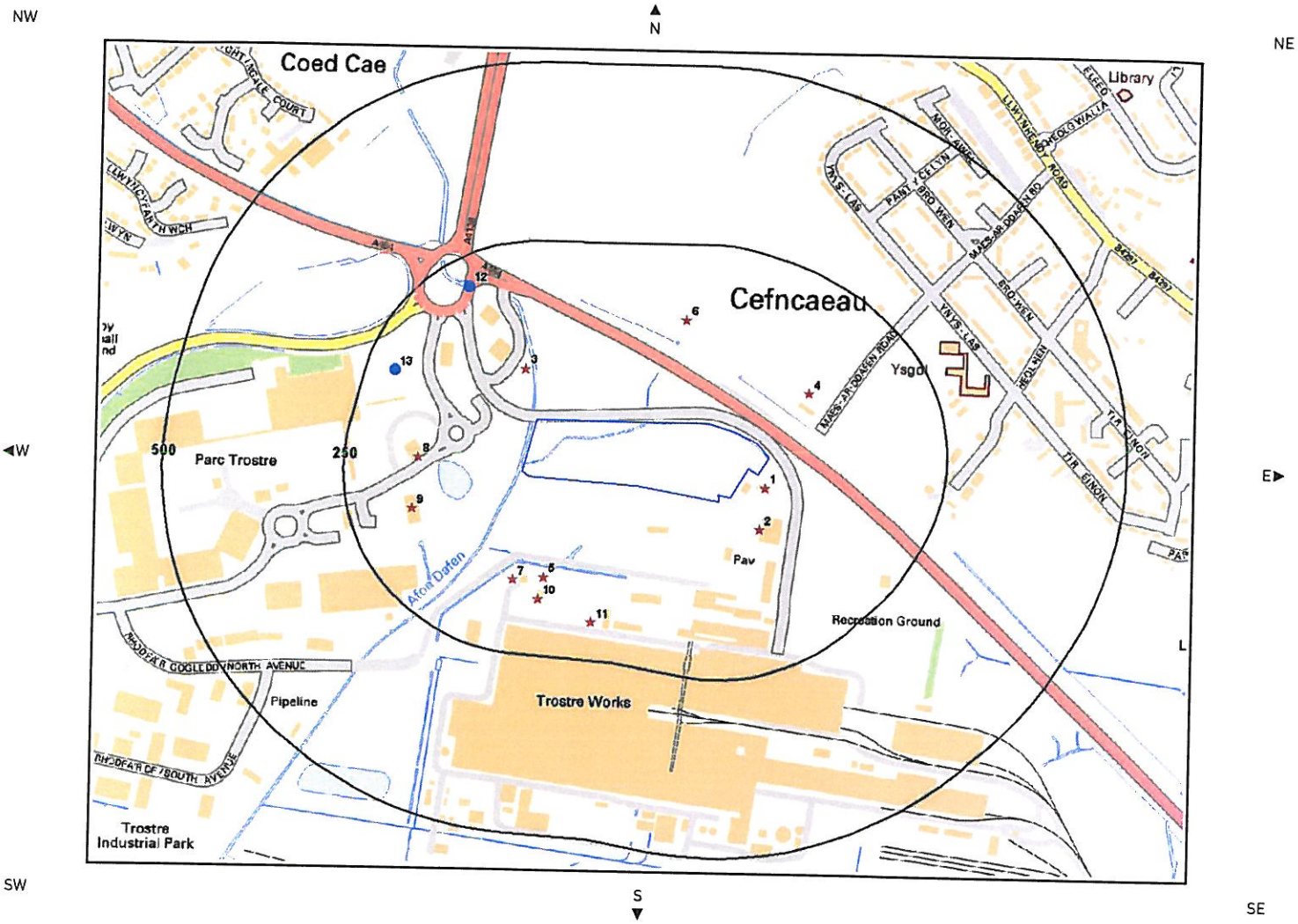
Records of Environment Agency (REGIS) waste sites within 1500m of the study site: 10

The following waste treatment, transfer or disposal sites records are represented as points on the Landfill and Other Waste Sites map:

ID	Distance	Direction	NGR	Details	
27	0.0	On Site	252700,199700	Site Address: Trostre, Llanelli, Carmarthenshire Type: Landfills taking other wastes (construction, demolition, dredgings) Size: ->= 25000 tonnes <- 75000 tonnes Regis Licence Number: CAR006 Operator: Carmarthenshire County Council Surrendered Date: - Waste Management licence No: 34091 Annual Tonnage: 0.0	Issue Date: 02/03/1994 Expiry Date: - Effective Date: 17/10/2001 Status: Closure Modified: - Site Name: Land Off Trostre Link Road Cancelled Date: - Correspondence Address: -, County Hall, Carmarthen, Carmarthenshire, SA32 8BG
28B	0.0	On Site	252784,199764	Site Address: Land Off Trostre Link Road, Trostre, Llanelli, Carms Type: Landfills taking other wastes (construction, demolition, dredgings) Size: <- 25000 tonnes Regis Licence Number: CAR006 Operator: Carmarthenshire County Council Surrendered Date: - Waste Management licence No: 34091 Annual Tonnage: 0.0	Issue Date: 02/03/1994 Expiry Date: - Effective Date: 17/10/2001 Status: Closure Modified: - Site Name: Land Off Trostre Link Road Cancelled Date: - Correspondence Address: -, Carmarthenshire County Council, Head Of Streetscene, Stephens Way, Carmarthen, Carms, SA31 2BG
29B	0.0	On Site	252784,199764	Site Address: Trostre, Llanelli, Carmarthenshire, SA14 9SD Type: Landfills taking other wastes (construction, demolition, dredgings) Size: <- 25000 tonnes Regis Licence Number: CAR006 Operator: Carmarthenshire County Council Surrendered Date: - Waste Management licence No: 34091 Annual Tonnage: 150000.0	Issue Date: 02/03/1994 Expiry Date: - Effective Date: 17/10/2001 Status: Closure Modified: - Site Name: Land Off Trostre Link Road Cancelled Date: - Correspondence Address: -, 8 St Davids Park, Jobswell Road, Carmarthen, Carmarthenshire, SA31 3HB
30	330.0	W	252300,199700	Site Address: Trostre Industrial Park, Llanelli, Carmarthenshire, SA33 5HA Type: Transfer stations taking non-biodegradable wastes Size: ->= 25000 tonnes <- 75000 tonnes Regis Licence Number: CAR005 Operator: Carmarthenshire County Council Surrendered Date: - Waste Management licence No: 34103 Annual Tonnage: 0.0	Issue Date: 08/08/1994 Expiry Date: - Effective Date: - Status: Issued Modified: - Site Name: Pryffyrdd Dyfed Highways Depot Cancelled Date: - Correspondence Address: -, County Hall, Carmarthen, Carmarthenshire, SA31 3LZ

31C	413.0	SW	252318,199426	Site Address: Trostre Civic Amenity Site, Trostre Ind Est, Llanelli, Carmarthenshire, SA14 9UU Type: Household, Commercial and Industrial transfer stations Size: ← 25000 tonnes Regis Licence Number: CWM004 Operator: C W M Environmental Ltd Surrendered Date: - Waste Management licence No: 34058 Annual Tonnage: 24999.0	Issue Date: 08/03/1993 Expiry Date: - Effective Date: 16/05/2000 Status: Transferred Modified: - Site Name: Trostre Civic Amenity Site Cancelled Date: - Correspondence Address: -, -
32C	413.0	SW	252318,199426	Site Address: Trostre Civic Amentiy Site, Trostre Road Ind Est, Llanelli, Carmarthenshire, SA14 9UU Type: Household, Commercial and Industrial transfer stations Size: →= 25000 tonnes ← 75000 tonnes Regis Licence Number: CWM005 Operator: C W M Environmental Ltd Surrendered Date: - Waste Management licence No: 34182 Annual Tonnage: 74999.0	Issue Date: 05/09/2000 Expiry Date: - Effective Date: - Status: Modified Modified: 13/11/2006 Site Name: Trostre Civic Amenity / Transfer Station Cancelled Date: - Correspondence Address: -, -
33C	413.0	SW	252318,199426	Site Address: Trostre Civic Amentiy Site, Trostre Road Ind Est, Llanelli, Carmarthenshire, SA14 9UU Type: Household, Commercial and Industrial transfer stations Size: →= 25000 tonnes ← 75000 tonnes Regis Licence Number: CWM005 Operator: CWM Environmental Ltd Surrendered Date: - Waste Management licence No: 34182 Annual Tonnage: 74999.0	Issue Date: 05/09/2000 Expiry Date: - Effective Date: - Status: Modified Modified: 13/11/2006 Site Name: Trostre Civic Amenity / Transfer Station Cancelled Date: - Correspondence Address: -, Nantycaws Landfill Site, Llanddarog Road, Nantycaws, Carmarthen, Carmartehnshire, SA32 8BG
34D	515.0	SW	252300,199300	Site Address: Trostre Civic Amentiy Site, Trostre Road Industrial Estate, Llanelli, Carmarthenshire Type: Household, Commercial and Industrial transfer stations Size: ← 25000 tonnes Regis Licence Number: CWM005 Operator: Cwm Environmental Ltd Surrendered Date: - Waste Management licence No: 34182 Annual Tonnage: 0.0	Issue Date: 05/09/2000 Expiry Date: - Effective Date: - Status: Issued Modified: - Site Name: Trostre Civic Amenity / Transfer Station Cancelled Date: - Correspondence Address: -, Nantycaws Landfill Site, Llanddarog Road, Nantycaws, Carmarthen, Carmarthenshire, SA32 8BG
35D	515.0	SW	252300,199300	Site Address: Trostre Ind Est, Llanelli, Carmarthenshire, SA14 9UU Type: Household, Commercial and Industrial transfer stations Size: ← 25000 tonnes Regis Licence Number: CWM004 Operator: Cwm Environmental Ltd Surrendered Date: - Waste Management licence No: 34058 Annual Tonnage: 24999.0	Issue Date: 08/03/1993 Expiry Date: - Effective Date: 16/05/2000 Status: Transferred Modified: - Site Name: Trostre Civic Amenity Site Cancelled Date: - Correspondence Address: -, Nantycaws Landfill Site, Llanddarog Road, Nantycaws, Carmarthen, Carmarthenshire, SA2 8BG
Not shown	630.0	SE	253200,199100	Site Address: Llanelli, Carmarthenshire, SA14 9SD Type: Industrial waste landfills Size: ← 25000 tonnes Regis Licence Number: BRI006 Operator: Corus U K Ltd Surrendered Date: - Waste Management licence No: 34069 Annual Tonnage: 0.0	Issue Date: 15/06/1993 Expiry Date: - Effective Date: - Status: Issued Modified: - Site Name: Trostre Works Cancelled Date: - Correspondence Address: -, Corus, Trostre Works, Llaneli, Carmarthenshire, SA14 9SD

3. Current Land Use Map



Current Land Use Legend

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Site Outline

250
500
Search Buffers (m)

Current Industrial Sites

Petrol & Fuel Sites

Underground High Pressure Oil & Fuel Pipelines