

B2 Photographs

(Area A) Main entrance, main car park, reception building and central offices



(Area B) Warehousing areas, loading areas, weighbridge, and external timber product storage areas



(Area C) External surplus plant storage areas



(Area D) Contractor's compounds



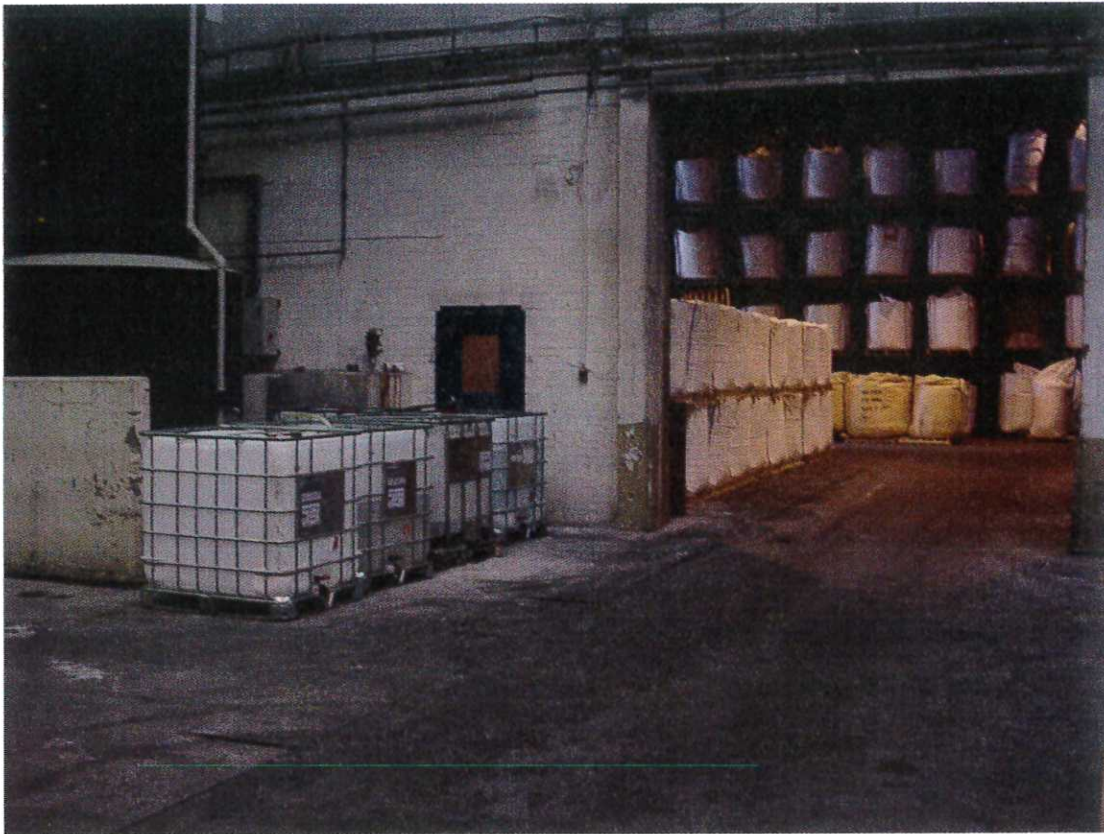
(Area E) MDF and chipboard production and finishing lines



(Area F) Resin manufacturing plant and urea storage



(Area G) Paper impregnation plant



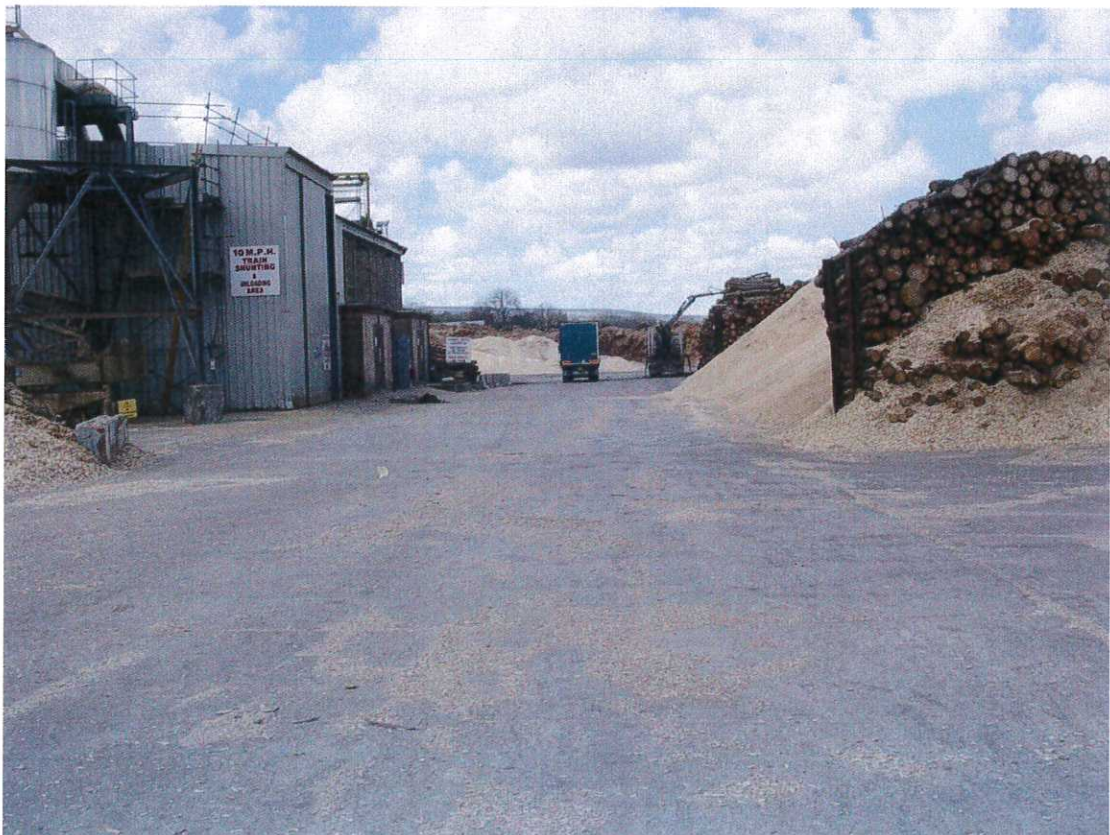
(Area H) Central roadway area



(Area I) Pre-production area (wood chip sorting/washing/filtering)



(Area J) Saw mill, hacker plant, chipper, Gannon Grindmaster, log sorting



(Area K) Formalin plant and raw material processing



(Area L) Gas plant, water abstraction and storage areas



(Area M) Railway siding

No photographs available.

(Area N) Kronoplus processing building



(Area O) Mechanical workshop areas



(Area P) Surface water lagoons



(Area Q) Log yard



(Area R) Roadways and transportation routes



APPENDIX C

Desk Study Information

C1 Landmark Envirocheck Report



Envirocheck®

A Landmark® product

KEY TO THE LEGEND DATABASE

General

- Specified Site
- Bearing Reference Point
- Buffer (1000m)
- Reference Number
- Several of Type at Location

Waste

- Point Location of BGS Recorded Landfill Site
- BGS Recorded Landfill Site
- Integrated Pollution Control Registered Waste Site
- Licensed Waste Management Facilities (Landfill Boundary)
- Licensed Waste Management Facility (Location)
- Point Location of Local Authority Recorded Landfill Site
- Local Authority Recorded Landfill Site
- Registered Landfill Site

Agency and Hydrological

- Air Pollution Control
- Air Pollution Control Enforcement
- Point Location of Contaminated Land Register Entry or Notice
- Contaminated Land Register Entry or Notice
- Discharge Consent
- Enforcement Or Prohibition Notice
- Integrated Pollution Control
- Integrated Pollution Prevention Control
- Pollution Incident to Controlled Waters
- Substantiated Pollution Incident Register
- Prosecution Relating to Authorised Processes
- Prosecution Relating to Controlled Waters
- Red List Discharge Consent
- Registered Radioactive Substance

- River Quality Sampling Point
- Water Abstraction

- Point Location of Registered Waste Transfer Site
- Registered Waste Transfer Site
- Point Location of Registered Waste Treatment or Disposal Site
- Registered Waste Treatment or Disposal Site

Hazardous Substances

- COMAH Site
- Explosive Site
- NIHHS Site
- Planning Hazardous Substance Consent
- Planning Hazardous Substance Enforcement

Geological

- BGS Borehole
- BGS Recorded Mineral Site

Industrial Land Use

- Contemporary Trade Directory Entry
- Fuel Station Entry



ENVIRONMENT
AGENCY



SEPA
Scottish Environment
Protection Agency



British
Geological Survey

Value Added Reseller





Envirocheck[®] Report:

Datasheet

Report on:

Kronospan Ltd
Chirk
Wrexham
LL14 5NT

National Grid Reference :

328700, 338510

Prepared For :

Atkins
3200 CENTURY WAY
THORPE PARK
LEEDS
LS15 8ZB

Client Details:

Kronospan Ltd, Chirk, Wrexham, LL14
5NT,

Your Reference:

Ms K Dunn, Kronospan/KJD

Summary

Agency & Hydrological

Waste

Hazardous Substances

Geological

Industrial Land Use

Sensitive Land Use

Data Currency

Data Suppliers & Copyright Statements

Useful Contacts

BGS Borehole Order Form

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 Data Sheet places great emphasis on statutory data provided by the Environment Agency and the Scottish Environment Protection Agency; it also incorporates data from English Nature (and the Scottish and Welsh equivalents), the Environment Agency (and the Scottish equivalent) 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 legend 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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Data Type	On Site	500m from site
Agency & Hydrological		
Air Pollution Controls	2	1
Air Pollution Control Enforcements	1	
Contaminated Land Register Entries and Notices		
Discharge Consents	4	15
Enforcement and Prohibition Notices		1
Integrated Pollution Controls	3	5
Integrated Pollution Prevention And Control	2	
Nearest Surface Water Feature	Yes	
Pollution Incidents to Controlled Waters	9	16
Substantiated Pollution Incident Register	1	5
Prosecutions Relating to Authorised Processes		
Prosecutions Relating to Controlled Waters	1	
Red List Discharge Consents		
Registered Radioactive Substances	5	2
River Quality	1	
River Quality Biology Sampling Points		
River Quality Chemistry Sampling Points		
Water Abstractions	4	9
Groundwater Vulnerability	Yes	
Fluvial Indicative Floodplains		
Tidal Indicative Floodplains		
Source Protection Zones		
River Flood Data (Scotland)		
Waste		
BGS Recorded Landfill Sites		
Integrated Pollution Control Registered Waste Sites		
Licensed Waste Management Facilities (Landfill Boundaries)		
Licensed Waste Management Facilities (Locations)		
Local Authority Recorded Landfill Sites		
Registered Landfill Sites		
Registered Waste Transfer Sites		
Registered Waste Treatment or Disposal Sites		

Data Type	On Site	500m from site
Hazardous Substances		
Control of Major Accident Hazards Sites (COMAH)	1	
Explosive Sites		
Notification of Installations Handling Hazardous Substances (NIHHS)		
Planning Hazardous Substance Consents	2	
Planning Hazardous Substance Enforcements		
Geological		
BGS Boreholes	8	10
BGS Recorded Mineral Sites		
BGS 1:625,000 Solid Geology	Yes	Yes
Brine Compensation Areas		
Coal Mining Affected Areas	Yes	
Shallow Mining Hazards	Yes	
Compressible Ground Subsidence Hazards		
Ground Dissolution Subsidence Hazards		
Gullies And Cambering Subsidence Hazards		
Landslip Subsidence Hazards	Yes	
Swelling Clay Subsidence Hazards		
Mining Instability	Yes	
Natural and Mining Cavities		
Radon Affected Areas	Yes	
Radon Protection Measures	Yes	
Industrial Land Use		
Contemporary Trade Directory Entries	3	20
Fuel Station Entries	2	

Data Type	On Site	500m from site
Sensitive Land Uses		
Areas of Adopted Green Belt		
Areas of Unadopted Green Belt		
Areas of Outstanding Natural Beauty		
Environmentally Sensitive Areas		
Forest Parks		
Local Nature Reserves		
Marine Nature Reserves		
National Nature Reserves		
National Parks		
National Scenic Areas		
Nitrate Sensitive Areas		
Nitrate Vulnerable Zones		
Ramsar Sites		
Sites of Special Scientific Interest		
Special Areas of Conservation		
Special Protection Areas		

Map ID	Details	Compass Direction	Estimated Distance From Site	Contact	NGR
Air Pollution Controls					
1	Name: Kronospan Limited Location: Maesgwyn Farm, Holyhead Road, WREXHAM, Clwyd, LL14 5NT Authority: Wrexham County Borough Council, Environmental Health Department Permit Reference: Not Given Dated: Not Supplied Process Type: Local Authority Air Pollution Control Description: PG6/4 Processes for the manufacture of particleboard and fibreboard Status: Not Given Positional Accuracy: Automatically positioned to the address	S	0	1	328730 338240
Air Pollution Controls					
2	Name: Berwyn Gargage Location: Holyhead Road, Chirk, WREXHAM, Clwyd, LL14 5HP Authority: Wrexham County Borough Council, Environmental Health Department Permit Reference: Not Given Dated: Not Supplied Process Type: Local Authority Air Pollution Control Description: PG 1/14 Petrol filling station Status: Application has been authorised and any conditions apply to the operator Positional Accuracy: Manually positioned to the address or location	NE	0	1	328940 338680
Air Pollution Controls					
3	Name: Richard Burbridge Limited Location: Canal Wood Industrial Estate, WREXHAM, Clwyd, LL14 5RL Authority: Wrexham County Borough Council, Environmental Health Department Permit Reference: N/A Dated: Not Supplied Process Type: Local Authority Air Pollution Control Description: PG6/2 Manufacture of timber and wood-based products Status: Not Given Positional Accuracy: Unknown	SW	41	1	328370 338010
Air Pollution Control Enforcements					
4	Location: Maesgwyn Farm, Holyhead Road, Wrexham, Clwyd, LL14 5nt Type: Air Pollution Control Enforcement Notice Reference: NOT GIVEN Date Issued: 1st March 2003 Enforcement Date: Not Supplied Details: Section 13 Notice Served Positional Accuracy: Automatically positioned to the address	S	0	1	328730 338240
Discharge Consents					
5	Operator: Cadbury Trebor Bassett Property Type: Ice-Cream, Cocoa, Chocolate Location: Cadbury Ltd Station Avenue Chirk W, Station Avenue Chirk Wrexham Authority: Environment Agency, Welsh Region Catchment Area: River Dee Reference: CM0043801 Permit Version: 2 Effective Date: 26th April 1993 Issue Date: 26th April 1993 Revocation Date: Not Supplied Discharge Type: Trade Effluent Discharge: Freshwater Stream/River Environment: Receiving Water: Afon Bradley Status: New Consent, by Application (Water Resources Act 1991, Section 88) Positional Accuracy: Located by supplier to within 100m	NW	0	2	328550 338850
Discharge Consents					
6	Operator: Dwr Cymru Cyfyngedig Property Type: Sewerage Network - Pumping Station - Water Company Location: Chirk Station Ind Estate Authority: Environment Agency, Welsh Region Catchment Area: River Dee Reference: CM0091501 Permit Version: 1 Effective Date: 15th July 1981 Issue Date: 15th July 1981 Revocation Date: Not Supplied Discharge Type: Unspecified Discharge: Freshwater Stream/River Environment: Receiving Water: Bradley Status: New Consent, by Application (Water Resources Act 1991, Section 88) Positional Accuracy: Located by supplier to within 100m	N	0	2	328600 338900

Map ID	Details	Compass Direction	Estimated Distance From Site	Contact	NGR
Discharge Consents					
7	Operator: Kronospan Ltd Property Type: Pulp, Paper & Board Location: Chirk Wrexham Authority: Environment Agency, Welsh Region Catchment Area: River Dee Reference: CM0098001 Permit Version: 2 Effective Date: 9th September 1994 Issue Date: 9th September 1994 Revocation Date: Not Supplied Discharge Type: Trade Effluent Discharge: Freshwater Stream/River Environment: Receiving Water: Afon Bradley Status: New Consent, by Application (Water Resources Act 1991, Section 88) Positional Accuracy: Located by supplier to within 100m	N	2	2	328560 338970
Discharge Consents					
7	Operator: Kronospan Ltd Property Type: Pulp, Paper & Board Location: Chirk Wrexham Authority: Environment Agency, Welsh Region Catchment Area: River Dee Reference: Cm0098001 Permit Version: 1 Effective Date: 16th October 1984 Issue Date: 16th October 1984 Revocation Date: 8th September 1994 Discharge Type: Unspecified Discharge: Freshwater Stream/River Environment: Receiving Water: Afon Bradley Status: Authorisation revoked Positional Accuracy: Located by supplier to within 10m	N	0	2	328560 338950
Discharge Consents					
8	Operator: Kronospan Ltd Property Type: Pulp, Paper & Board Location: Holyhead Road Chirk Authority: Environment Agency, Welsh Region Catchment Area: River Dee Reference: Cm0098901 Permit Version: 1 Effective Date: 1st June 1985 Issue Date: 1st June 1985 Revocation Date: 8th August 1994 Discharge Type: Trade Effluent Discharge: Freshwater Stream/River Environment: Receiving Water: Afon Bradley Status: Revoked and replaced by IPC Authorisation Positional Accuracy: Located by supplier to within 100m	NE	0	2	328800 338600
Discharge Consents					
9	Operator: Cadbury Ltd Property Type: Ice-Cream, Cocoa, Chocolate Location: Cadbury Ltd Station Avenue Chirk Wrexham Authority: Environment Agency, Welsh Region Catchment Area: River Dee Reference: Cm0043801 Permit Version: 1 Effective Date: 30th September 1985 Issue Date: 30th September 1985 Revocation Date: 25th April 1993 Discharge Type: Unspecified Discharge: Freshwater Stream/River Environment: Receiving Water: Afon Bradley Status: Authorisation revoked Positional Accuracy: Located by supplier to within 10m	N	11	2	328570 338990

Map ID	Details	Compass Direction	Estimated Distance From Site	Contact	NGR
Discharge Consents					
9	Operator: The Owner/Occupier Property Type: Undefined Or Other Location: Chirk Station Ind Estate Authority: Environment Agency, Welsh Region Catchment Area: River Dee Reference: Cm0091601 Permit Version: 1 Effective Date: 16th September 1981 Issue Date: 16th September 1981 Revocation Date: 28th April 1993 Discharge Type: Unspecified Discharge: Freshwater Stream/River Environment: Receiving Water: Bradley Brook Status: Consent expired Positional Accuracy: Located by supplier to within 10m	N	19	2	328550 338990
Discharge Consents					
10	Operator: Dwr Cymru Cyfyngedig Property Type: Sewerage Network - Pumping Station - Water Company Location: Chirk Ps Authority: Environment Agency, Welsh Region Catchment Area: River Dee Reference: CG0329703 Permit Version: 1 Effective Date: 26th March 1993 Issue Date: 26th March 1993 Revocation Date: Not Supplied Discharge Type: Unspecified Discharge: Freshwater Stream/River Environment: Receiving Water: Afon Bradley Status: New Consent, by Application (Water Resources Act 1991, Section 88) Positional Accuracy: Located by supplier to within 100m	N	20	2	328600 338990
Discharge Consents					
11	Operator: Dwr Cymru Cyfyngedig Property Type: Sewage Disposal Works - Water Company Location: Chirk Ps (Screened Strom) Authority: Environment Agency, Welsh Region Catchment Area: River Dee Reference: CG0329702 Permit Version: 1 Effective Date: 30th March 1993 Issue Date: 30th March 1993 Revocation Date: Not Supplied Discharge Type: Unspecified Discharge: Freshwater Stream/River Environment: Receiving Water: Afon Bradley Status: New Consent, by Application (Water Resources Act 1991, Section 88) Positional Accuracy: Located by supplier to within 100m	N	120	2	328680 339070
Discharge Consents					
11	Operator: Dwr Cymru Cyfyngedig Property Type: Sewage Disposal Works - Water Company Location: Chirk Ps (Screened Strom) Authority: Environment Agency, Welsh Region Catchment Area: River Dee Reference: CG0329701 Permit Version: 1 Effective Date: 26th March 1993 Issue Date: 26th March 1993 Revocation Date: Not Supplied Discharge Type: Unspecified Discharge: Freshwater Stream/River Environment: Receiving Water: Afon Bradley Status: New Consent, by Application (Water Resources Act 1991, Section 88) Positional Accuracy: Located by supplier to within 10m	N	120	2	328680 339070

Map ID	Details	Compass Direction	Estimated Distance From Site	Contact	NGR
Discharge Consents					
11	Operator: Ceiriog Rural District Council Property Type: Undefined Or Other Location: Rhosywaun Stw Authority: Environment Agency, Welsh Region Catchment Area: River Dee Reference: Cm0028301 Permit Version: 1 Effective Date: 20th March 1965 Issue Date: 20th March 1965 Revocation Date: 17th February 1986 Discharge Type: Unspecified Discharge: Not Specified Environment: Receiving Water: Bradley Status: New Consent (Water Resources Act 1991, Section 88 & Schedule 10 as amended by Environment Act 1995) Positional Accuracy: Located by supplier to within 10m	N	149	2	328680 339100
Discharge Consents					
11	Operator: Dwr Cymru Cyfyngedig Property Type: Sewage Disposal Works - Water Company Location: Rhosywaun Stw, Chirk Authority: Environment Agency, Welsh Region Catchment Area: River Dee Reference: Cm0050401 Permit Version: 1 Effective Date: 25th April 1983 Issue Date: 25th April 1983 Revocation Date: 9th November 1989 Discharge Type: Sewage Discharges - Final/Treated Effluent - Water Company Discharge: Not Specified Environment: Receiving Water: Bradley Status: Authorisation revoked Positional Accuracy: Located by supplier to within 10m	N	139	2	328680 339090
Discharge Consents					
11	Operator: Dwr Cymru Cyfyngedig Property Type: Sewage Disposal Works - Water Company Location: Rhosywaun Stw, Chirk Authority: Environment Agency, Welsh Region Catchment Area: River Dee Reference: Cm0050401 Permit Version: 2 Effective Date: 10th November 1989 Issue Date: 10th November 1989 Revocation Date: 25th October 1995 Discharge Type: Sewage Discharges - Final/Treated Effluent - Water Company Discharge: Not Specified Environment: Receiving Water: Bradley Status: Consent expired Positional Accuracy: Located by supplier to within 10m	N	139	2	328680 339090
Discharge Consents					
12	Operator: Ceiriog Rural District Council Property Type: Undefined Or Other Location: Rhos Y Waun Stw (A) Authority: Environment Agency, Welsh Region Catchment Area: River Dee Reference: Cm0015401 Permit Version: 1 Effective Date: 9th April 1963 Issue Date: 9th April 1963 Revocation Date: 17th February 1986 Discharge Type: Unspecified Discharge: Not Specified Environment: Receiving Water: Bradley Status: New Consent (Water Resources Act 1991, Section 88 & Schedule 10 as amended by Environment Act 1995) Positional Accuracy: Located by supplier to within 100m	N	154	2	328700 339100

Map ID	Details	Compass Direction	Estimated Distance From Site	Contact	NGR
Discharge Consents					
12	Operator: Ceiriog Rural District Council Property Type: Undefined Or Other Location: Rhos Y Waun Stw (A) Authority: Environment Agency, Welsh Region Catchment Area: River Dee Reference: Cm0015402 Permit Version: 1 Effective Date: 9th April 1963 Issue Date: 9th April 1963 Revocation Date: 17th February 1986 Discharge Type: Unspecified Discharge: Not Specified Environment: Receiving Water: Bradley Status: New Consent (Water Resources Act 1991, Section 88 & Schedule 10 as amended by Environment Act 1995) Positional Accuracy: Located by supplier to within 100m	N	154	2	328700 339100
Discharge Consents					
13	Operator: Sel-Rex (UK) Ltd Property Type: Undefined Or Other Location: Chirk Sel-Rey Factory Site Authority: Environment Agency, Welsh Region Catchment Area: River Dee Reference: Cm0055701 Permit Version: 1 Effective Date: 20th March 1969 Issue Date: 20th March 1969 Revocation Date: 22nd December 1992 Discharge Type: Unspecified Discharge: Into And/Or Watercourse Environment: Receiving Water: Un-Named Trib. Of Bradley Status: Consent expired Positional Accuracy: Located by supplier to within 10m	S	219	2	328550 337900
Discharge Consents					
14	Operator: Dwr Cymru Cyfyngedig Property Type: Sewerage Network - Sewers - Water Company Location: Outside 24 Offa Chirk Authority: Environment Agency, Welsh Region Catchment Area: Not Given Reference: CG0360201 Permit Version: 1 Effective Date: 21st July 1994 Issue Date: 21st July 1994 Revocation Date: Not Supplied Discharge Type: Unspecified Discharge: Freshwater Stream/River Environment: Receiving Water: River Dee Tributary Status: New Consent, by Application (Water Resources Act 1991, Section 88) Positional Accuracy: Located by supplier to within 100m	NE	264	2	329050 339160
Discharge Consents					
15	Operator: Dwr Cymru Cyfyngedig Property Type: Sewerage Network - Sewers - Water Company Location: Chirk Chapel Lane/Lloyds Lane Authority: Environment Agency, Welsh Region Catchment Area: River Dee Reference: Cm0196701 Permit Version: 1 Effective Date: 20th October 1989 Issue Date: 20th October 1989 Revocation Date: 4th March 1994 Discharge Type: Unspecified Discharge: Freshwater Stream/River Environment: Receiving Water: Culvert Status: Consent expired Positional Accuracy: Located by supplier to within 100m	E	291	2	329300 338400

Map ID	Details	Compass Direction	Estimated Distance From Site	Contact	NGR
Discharge Consents					
16	Operator: Dwr Cymru Cyfyngedig Property Type: Sewerage Network - Sewers - Water Company Location: Chirk Chapel Lane -Sso Authority: Environment Agency, Welsh Region Catchment Area: River Dee Reference: CM0036501 Permit Version: 1 Effective Date: 22nd September 1966 Issue Date: 22nd September 1966 Revocation Date: Not Supplied Discharge Type: Unspecified Discharge: Ditch Environment: Receiving Water: Un-Named Ditch Flowing To Brad Status: New Consent, by Application (Water Resources Act 1991, Section 88) Positional Accuracy: Located by supplier to within 100m	NE	330	2	329230 339010
Enforcement and Prohibition Notices					
17	Location: Vegetable matter processing plant, Station Road, CHIRK, North Wales Authority: Environment Agency, Welsh Region Permit Reference: Not Supplied Enforcement Date: 13th November 2000 Details: Ea Ref Sm329/00/r. The Notice Required Cadbury Ltd To Put In Place Appropriate Measures To Ensure Safe Transfer And Storage Of Waste. Provide Written Instructions And Appropriate Training To Operating Staff. Positional Accuracy: Manually positioned to the address or location	S	212	2	328590 338000
Integrated Pollution Controls					
18	Name: Kronospan Ltd Location: Formalin Plant, Chirk, WREXHAM, Clwyd, LL14 5NT Authority: Environment Agency, Welsh Region Permit Reference: AK4877 Dated: 22nd February 1994 Process Type: IPC application for process that was regulated by HMIP for air releases under previous legislation Description: 4.2 A (C) Manufacture and use of Organic Chemicals within the Chemical Industry Status: Authorisation superseded by a substantial or non substantial variation Positional Accuracy: Automatically positioned to the address	S	0	2	328730 338240
Integrated Pollution Controls					
18	Name: Kronospan Ltd Location: Formalin Plant, Chirk, WREXHAM, Clwyd, LL14 5NT Authority: Environment Agency, Welsh Region Permit Reference: AZ1710 Dated: 8th December 1997 Process Type: IPC major (substantial) variation Description: 4.2 A (C) Manufacture and use of Organic Chemicals within the Chemical Industry Status: Authorisation superseded by a substantial or non substantial variation Positional Accuracy: Automatically positioned to the address	S	0	2	328730 338240
Integrated Pollution Controls					
18	Name: Kronospan Ltd Location: Formalin Plant, Chirk, WREXHAM, Clwyd, LL14 5NT Authority: Environment Agency, Welsh Region Permit Reference: BE0252 Dated: 24th November 1998 Process Type: IPC minor (non-substantial) variation to previous variation Description: 4.2 A (C) Manufacture and use of Organic Chemicals within the Chemical Industry Status: Application has been authorised and any conditions apply to the operator Positional Accuracy: Automatically positioned to the address	S	0	2	328730 338240
Integrated Pollution Controls					
19	Name: Scanwel Scientific Ltd Location: Unit 5, Canal Wood Industrial Estate, Chirk, WREXHAM, Clwyd, LL14 5RL Authority: Environment Agency, Welsh Region Permit Reference: AP2553 Dated: 30th November 1994 Process Type: Application since found to be exempt from IPC Description: Not Given Status: Application since found to be exempt from IPC Positional Accuracy: Unknown	SW	97	2	328290 338080

Map ID	Details	Compass Direction	Estimated Distance From Site	Contact	NGR
Integrated Pollution Controls					
20	Name: Cadbury Schweppes Plc Location: Station Avenue, WREXHAM, Wrexham, LL14 5LT Authority: Environment Agency, Welsh Region Permit Reference: BD9769 Dated: 24th November 1998 Process Type: IPC minor (non-substantial) variation to previous variation Description: 6.9 A Treating/Processing Of Animal/Veg Matter Status: Authorisation superseded by a substantial or non substantial variation Positional Accuracy: Automatically positioned to the address	S	231	2	328640 337990
Integrated Pollution Controls					
20	Name: Cadbury Schweppes Plc Location: Station Avenue, WREXHAM, Clwyd, LL14 5LT Authority: Environment Agency, Welsh Region Permit Reference: AY8492 Dated: 20th October 1997 Process Type: IPC new application Description: 6.9 A Treating/Processing Of Animal/Veg Matter Status: Authorisation superseded by a substantial or non substantial variation Positional Accuracy: Automatically positioned to the address	S	236	2	328640 337980
Integrated Pollution Controls					
20	Name: Cadbury Schweppes Plc Location: Station Avenue, WREXHAM, Clwyd, LL14 5LT Authority: Environment Agency, Welsh Region Permit Reference: BH3924 Dated: 12th April 2000 Process Type: IPC major (substantial) variation Description: 6.9 A Treating/Processing Of Animal/Veg Matter Status: Authorisation superseded by a substantial or non substantial variation Positional Accuracy: Automatically positioned to the address	S	235	2	328650 337980
Integrated Pollution Controls					
21	Name: Cadbury Schweppes Plc Location: STATION AVENUE, CHIRK, LL14 5LT Authority: Environment Agency, Welsh Region Permit Reference: Bm2012 Dated: 30th January 2003 Process Type: IPC minor (non-substantial) variation to previous variation Description: 6.9 A Treating/Processing Of Animal/Veg Matter Status: Application has been authorised and any conditions apply to the operator Positional Accuracy: Manually positioned to the address or location	S	233	2	328700 337980
Integrated Pollution Prevention And Control					
22	Name: Kronospan Holdings Ltd Location: Hollyhead Road, Chirk, Wrexham, Clwyd, LL14 5nt Authority: Environment Agency, Welsh Region Permit Reference: Br7194 Original Permit: Br7194 Reference: Effective Date: Not Supplied End Date: Not Supplied Number of components: 0 Status: Valid Positional Accuracy: Manually positioned to the address or location Activity Code: 4.1 A(1) (A) (II) Activity Description: Organic Chemicals; Oxygen Containing Compounds Eg Alcohols	SE	0	2	328890 338370
Integrated Pollution Prevention And Control					
23	Name: Kronospan Ltd Location: Chirk, WREXHAM, Clwyd, LL14 5NT Authority: Environment Agency, Welsh Region Permit Reference: Bw9999 Original Permit: Bw9999 Reference: Effective Date: Not Supplied End Date: Not Supplied Number of components: 0 Status: Valid Positional Accuracy: Automatically positioned to the address Activity Code: 4.1 A(1) (A) (II) Activity Description: Organic Chemicals; Oxygen Containing Compounds Eg Alcohols	S	0	2	328730 338240

Map ID	Details	Compass Direction	Estimated Distance From Site	Contact	NGR
Pollution Incidents to Controlled Waters					
24	Property Type: Process Location: Kronospan Factory, A5, CHIRK Authority: Environment Agency, Welsh Region Pollutant: Light Oil Note: Not Supplied Incident Date: 16th February 1992 Incident Reference: 3571 Catchment Area: Not Given Receiving Water: Not Given Cause of Incident: Runoff Severity of Incident: Category 2 - Significant Incident Positional Accuracy: Located by supplier to within 100m	SW	0	2	328500 338400
Pollution Incidents to Controlled Waters					
24	Property Type: Water Company Sewage: Surface Water Outfall Location: Culvert Sewage Treatment Works, CHIRK Authority: Environment Agency, Welsh Region Pollutant: Chemicals - Sheep Dip Note: Not Supplied Incident Date: 3rd August 1994 Incident Reference: 20736 Catchment Area: Not Given Receiving Water: Not Given Cause of Incident: Runoff Severity of Incident: Category 3 - Minor Incident Positional Accuracy: Located by supplier to within 100m	SW	0	2	328500 338400
Pollution Incidents to Controlled Waters					
25	Property Type: Process Location: Bradley Farm Authority: Environment Agency, Welsh Region Pollutant: Unknown Note: Poor Operational Practise Incident Date: 2nd March 1992 Incident Reference: 3028 Catchment Area: Not Given Receiving Water: Not Given Cause of Incident: Spillage Severity of Incident: Category 2 - Significant Incident Positional Accuracy: Located by supplier to within 100m	SW	0	2	328450 338250
Pollution Incidents to Controlled Waters					
26	Property Type: Process Location: Kronospan Authority: Environment Agency, Welsh Region Pollutant: Mud/Clay/Soil Note: Weather Incident Date: 9th December 1991 Incident Reference: 3341 Catchment Area: Not Given Receiving Water: Not Given Cause of Incident: Effluent Discharge Severity of Incident: Category 2 - Significant Incident Positional Accuracy: Located by supplier to within 100m	N	0	2	328560 338950
Pollution Incidents to Controlled Waters					
26	Property Type: Not Given Location: Kronospan Factory Authority: Environment Agency, Welsh Region Pollutant: Miscellaneous - Fire water / Foam Note: Unknown; Burst Incident Date: 25th November 1997 Incident Reference: 34291 Catchment Area: Not Given Receiving Water: Not Given Cause of Incident: Accidental Spillage/Leakage Severity of Incident: Category 3 - Minor Incident Positional Accuracy: Located by supplier to within 100m	N	0	2	328560 338950

Map ID	Details	Compass Direction	Estimated Distance From Site	Contact	NGR
Pollution Incidents to Controlled Waters					
27	Property Type: Process Location: Kronospan Chirk Authority: Environment Agency, Welsh Region Pollutant: Light Oil Note: Accidental Spillage/Leakage Incident Date: 10th April 1991 Incident Reference: 6 Catchment Area: Not Given Receiving Water: Not Given Cause of Incident: Unknown Severity of Incident: Category 3 - Minor Incident Positional Accuracy: Located by supplier to within 100m	N	0	2	328650 338950
Pollution Incidents to Controlled Waters					
28	Property Type: Process Location: Location Description Not Available Authority: Environment Agency, Welsh Region Pollutant: Soft Drinks Manufacturing Note: Accidental Spillage/Leakage Incident Date: 17th May 1995 Incident Reference: 24000 Catchment Area: Not Given Receiving Water: Not Given Cause of Incident: Unknown Severity of Incident: Category 3 - Minor Incident Positional Accuracy: Located by supplier to within 100m	W	0	2	328500 338500
Pollution Incidents to Controlled Waters					
29	Property Type: Not Given Location: Kronospan, CHIRK Authority: Environment Agency, Welsh Region Pollutant: Miscellaneous - Fire water / Foam Note: Afon Bradley; Burst Incident Date: 19th January 1998 Incident Reference: 34612 Catchment Area: Not Given Receiving Water: Not Given Cause of Incident: Accidental Spillage/Leakage Severity of Incident: Category 3 - Minor Incident Positional Accuracy: Located by supplier to within 100m	W	0	2	328600 338500
Pollution Incidents to Controlled Waters					
30	Property Type: Not Given Location: Kronospan Authority: Environment Agency, Welsh Region Pollutant: Miscellaneous - Fire water / Foam Note: Afon Bradley Incident Date: 19th January 1998 Incident Reference: 34621 Catchment Area: Not Given Receiving Water: Not Given Cause of Incident: Unknown Severity of Incident: Category 3 - Minor Incident Positional Accuracy: Located by supplier to within 100m	W	0	2	328560 338500
Pollution Incidents to Controlled Waters					
31	Property Type: Process Location: Afon Bradley Farm Authority: Environment Agency, Welsh Region Pollutant: Light Oil Note: Neglect Incident Date: 2nd December 1991 Incident Reference: 419 Catchment Area: Not Given Receiving Water: Not Given Cause of Incident: Bypass Of Treatment Facilities Severity of Incident: Category 2 - Significant Incident Positional Accuracy: Located by supplier to within 100m	N	25	2	328650 338980

Map ID	Details	Compass Direction	Estimated Distance From Site	Contact	NGR
Pollution Incidents to Controlled Waters					
32	Property Type: Water Company Sewage: Surface Water Outfall Location: Cadburys Authority: Environment Agency, Welsh Region Pollutant: Light Oil Note: Not Supplied Incident Date: 14th February 1996 Incident Reference: 27897 Catchment Area: Not Given Receiving Water: Not Given Cause of Incident: Unknown Severity of Incident: Category 3 - Minor Incident Positional Accuracy: Located by supplier to within 100m	N	29	2	328600 339000
Pollution Incidents to Controlled Waters					
32	Property Type: Not Given Location: Cadburys Outfall Authority: Environment Agency, Welsh Region Pollutant: Light Oil Note: Not Supplied Incident Date: 14th February 1996 Incident Reference: 27897 Catchment Area: Not Given Receiving Water: Not Given Cause of Incident: Unknown Severity of Incident: Category 3 - Minor Incident Positional Accuracy: Located by supplier to within 100m	N	25	2	328600 339000
Pollution Incidents to Controlled Waters					
32	Property Type: Not Given Location: Kronospan Outfall Authority: Environment Agency, Welsh Region Pollutant: Light Oil Note: Inadequate Design/Capacity Incident Date: 21st February 1996 Incident Reference: 27904 Catchment Area: Not Given Receiving Water: Not Given Cause of Incident: Runoff Severity of Incident: Category 3 - Minor Incident Positional Accuracy: Located by supplier to within 100m	N	26	2	328610 339000
Pollution Incidents to Controlled Waters					
33	Property Type: Not Given Location: Manley Hall & Bangor On Dee Authority: Environment Agency, Welsh Region Pollutant: Oils - Diesel (including Agricultural) Note: Unknown; Afon Bradley Incident Date: 24th November 1998 Incident Reference: 37149 Catchment Area: Not Given Receiving Water: Not Given Cause of Incident: Unknown Severity of Incident: Category 1 - Major Incident Positional Accuracy: Located by supplier to within 100m	N	40	2	328520 338970
Pollution Incidents to Controlled Waters					
33	Property Type: Not Given Location: Kronospan Authority: Environment Agency, Welsh Region Pollutant: Light Oil Note: Unknown; Afon Bradley Incident Date: 27th October 1998 Incident Reference: 37283 Catchment Area: Not Given Receiving Water: Not Given Cause of Incident: Effluent Discharge Severity of Incident: Category 3 - Minor Incident Positional Accuracy: Located by supplier to within 100m	N	39	2	328520 338970

Map ID	Details	Compass Direction	Estimated Distance From Site	Contact	NGR
Pollution Incidents to Controlled Waters					
33	Property Type: Not Given Location: Kronospan Authority: Environment Agency, Welsh Region Pollutant: Road Run-Off Note: Unknown; Afon Bradley Incident Date: 27th October 1998 Incident Reference: 37283 Catchment Area: Not Given Receiving Water: Not Given Cause of Incident: Effluent Discharge Severity of Incident: Category 3 - Minor Incident Positional Accuracy: Located by supplier to within 100m	N	34	2	328530 338970
Pollution Incidents to Controlled Waters					
34	Property Type: Water Company Sewage: Surface Water Outfall Location: Chirk Sewage Treatment Works, CHIRK Authority: Environment Agency, Welsh Region Pollutant: Mud/Clay/Soil Note: Poor Operational Practise Incident Date: 21st December 1994 Incident Reference: 22031 Catchment Area: Not Given Receiving Water: Not Given Cause of Incident: Bypass Of Treatment Facilities Severity of Incident: Category 2 - Significant Incident Positional Accuracy: Located by supplier to within 100m	N	61	2	328700 339000
Pollution Incidents to Controlled Waters					
35	Property Type: Water Company Sewage: Sewage Treatment Works Location: Chirk Sdw, CHIRK Authority: Environment Agency, Welsh Region Pollutant: Cement/Mortar Note: Blocked Sewer Incident Date: 30th September 1991 Incident Reference: 3439 Catchment Area: Not Given Receiving Water: Not Given Cause of Incident: Effluent Discharge Severity of Incident: Category 2 - Significant Incident Positional Accuracy: Located by supplier to within 100m	N	107	2	328700 339050
Pollution Incidents to Controlled Waters					
36	Property Type: Process Location: Location Description Not Available Authority: Environment Agency, Welsh Region Pollutant: Crude Sewage Note: Blocked Sewer Incident Date: 10th April 1992 Incident Reference: 4413 Catchment Area: Not Given Receiving Water: Not Given Cause of Incident: Overflow Severity of Incident: Category 2 - Significant Incident Positional Accuracy: Located by supplier to within 100m	SW	111	2	328500 338050
Pollution Incidents to Controlled Waters					
37	Property Type: Not Given Location: Cadburys, CHIRK Authority: Environment Agency, Welsh Region Pollutant: Agricultural: Silage Liquor Note: Not Supplied Incident Date: 20th November 1991 Incident Reference: 1199 Catchment Area: Not Given Receiving Water: Not Given Cause of Incident: Unknown Severity of Incident: Category 2 - Significant Incident Positional Accuracy: Located by supplier to within 100m	S	128	2	328490 337970

Map ID	Details	Compass Direction	Estimated Distance From Site	Contact	NGR
Pollution Incidents to Controlled Waters					
38	Property Type: Not Given Location: Colliery Road, CHIRK Authority: Environment Agency, Welsh Region Pollutant: Road Run-Off Note: Not Supplied Incident Date: 24th October 1997 Incident Reference: 33936 Catchment Area: Not Given Receiving Water: Not Given Cause of Incident: Unknown Severity of Incident: Category 3 - Minor Incident Positional Accuracy: Located by supplier to within 100m	SE	187	2	329000 338000
Pollution Incidents to Controlled Waters					
39	Property Type: Water Company Sewage: Sewage Treatment Works Location: Location Description Not Available Authority: Environment Agency, Welsh Region Pollutant: Unknown Note: Emergency Overflow Incident Date: 22nd February 1992 Incident Reference: 3338 Catchment Area: Not Given Receiving Water: Not Given Cause of Incident: Overflow Severity of Incident: Category 3 - Minor Incident Positional Accuracy: Located by supplier to within 100m	N	312	2	328750 339250
Pollution Incidents to Controlled Waters					
40	Property Type: Not Given Location: Chirk Primary School Authority: Environment Agency, Welsh Region Pollutant: Sewage - Septic Tank Effluent Note: Not Supplied Incident Date: 18th April 1996 Incident Reference: 28183 Catchment Area: Not Given Receiving Water: Not Given Cause of Incident: Unknown Severity of Incident: Category 3 - Minor Incident Positional Accuracy: Located by supplier to within 100m	E	390	2	329400 338400
Pollution Incidents to Controlled Waters					
40	Property Type: Not Given Location: Chirk Primary School, CHIRK Authority: Environment Agency, Welsh Region Pollutant: Sewage - Septic Tank Effluent Note: Not Supplied Incident Date: 18th April 1996 Incident Reference: 28183 Catchment Area: Not Given Receiving Water: Not Given Cause of Incident: Unknown Severity of Incident: Category 3 - Minor Incident Positional Accuracy: Located by supplier to within 100m	E	390	2	329400 338400
Pollution Incidents to Controlled Waters					
41	Property Type: Water Company Sewage: Sewage Treatment Works Location: CHIRK Authority: Environment Agency, Welsh Region Pollutant: Farm Effluent/Slurry Note: Emergency Overflow Incident Date: 14th September 1991 Incident Reference: 3237 Catchment Area: Not Given Receiving Water: Not Given Cause of Incident: Effluent Discharge Severity of Incident: Category 2 - Significant Incident Positional Accuracy: Located by supplier to within 100m	SW	393	2	328000 338000

Map ID	Details	Compass Direction	Estimated Distance From Site	Contact	NGR
Substantiated Pollution Incident Register					
42	Authority: Environment Agency - Welsh Region, Northern Area Incident Date: 16th July 2001 Incident Reference: 16853 Severity of Water: Category 4 - No Impact Impact: Severity of Air: Category 3 - Minor Incident Impact: Severity of Land: Category 4 - No Impact Impact: Positional Accuracy: Located by supplier to within 10m Pollutant: Other Pollutant	S	0	2	328680 338390
Substantiated Pollution Incident Register					
43	Authority: Environment Agency - Welsh Region, Northern Area Incident Date: 6th March 2003 Incident Reference: 141334 Severity of Water: Category 4 - No Impact Impact: Severity of Air: Category 3 - Minor Incident Impact: Severity of Land: Category 4 - No Impact Impact: Positional Accuracy: Located by supplier to within 10m Pollutant: Atmospheric Pollutants And Effects: Dust	E	24	2	329030 338450
Substantiated Pollution Incident Register					
44	Authority: Environment Agency - Welsh Region, Northern Area Incident Date: 28th April 2003 Incident Reference: 154393 Severity of Water: Category 2 - Significant Incident Impact: Severity of Air: Category 4 - No Impact Impact: Severity of Land: Category 4 - No Impact Impact: Positional Accuracy: Located by supplier to within 10m Pollutant: Contaminated Water: Other Contaminated Water	N	120	2	328680 339070
Substantiated Pollution Incident Register					
45	Authority: Environment Agency - Welsh Region, Northern Area Incident Date: 3rd May 2002 Incident Reference: 76313 Severity of Water: Category 4 - No Impact Impact: Severity of Air: Category 3 - Minor Incident Impact: Severity of Land: Category 4 - No Impact Impact: Positional Accuracy: Located by supplier to within 10m Pollutant: Other Pollutant	S	178	2	328560 338000
Substantiated Pollution Incident Register					
46	Authority: Environment Agency - Welsh Region, Northern Area Incident Date: 24th July 2002 Incident Reference: 93978 Severity of Water: Category 4 - No Impact Impact: Severity of Air: Category 3 - Minor Incident Impact: Severity of Land: Category 4 - No Impact Impact: Positional Accuracy: Located by supplier to within 10m Pollutant: Other Pollutant	S	274	2	328650 337940
Substantiated Pollution Incident Register					
46	Authority: Environment Agency - Welsh Region, Northern Area Incident Date: 29th July 2002 Incident Reference: 95428 Severity of Water: Category 4 - No Impact Impact: Severity of Air: Category 3 - Minor Incident Impact: Severity of Land: Category 4 - No Impact Impact: Positional Accuracy: Located by supplier to within 10m Pollutant: Other Pollutant	S	266	2	328640 337950



Map ID	Details	Compass Direction	Estimated Distance From Site	Contact	NGR
Prosecutions Relating to Controlled Waters					
47	Location: Chirk, Wrexham, Clwyd, LL14 5NT Authority: Environment Agency, Welsh Region Prosecution Text: Over-Abstraction Occured At The Companies Licensed Abstraction Point Prosecution Act: Wra91 S24(1a) Hearing Date: 13th September 2002 Verdict: Guilty Fine: 6000 Cost: 1965 Positional Accuracy: Manually positioned to the address or location	SE	0	2	328880 338380
Registered Radioactive Substances					
48	Name: Kronospan Ltd Location: Maesgwyn Farm, Chirk, WREXHAM, Clwyd, LL14 5NT Authority: Environment Agency, Welsh Region Permit Reference: BF0134 Dated: 4th February 1999 Process Type: Registration under S7 RSA for the keeping and use of Radioactive materials (was RSA60 S1) Description: Substantial variation to a registration under S7 or S10 RSA for 1 or more closed sources =< 4 Terabecquerels also for storage in transit Status: Application has been authorised and any conditions apply to the operator Positional Accuracy: Manually positioned to the address or location	S	0	2	328730 338240
Registered Radioactive Substances					
48	Name: Kronospan Ltd Location: Maesgwyn Farm, Chirk, WREXHAM, Clwyd, LL14 5NT Authority: Environment Agency, Welsh Region Permit Reference: AH4578 Dated: 2nd June 1993 Process Type: Registration under S7 RSA for the keeping and use of Radioactive materials (was RSA60 S1) Description: Minor variation to registration under S7 or S10 RSA for 1 or more closed sources =< 4 Terabecquerels also for storage in transit Status: Authorisation superseded by a substantial or non substantial variation Positional Accuracy: Manually positioned to the address or location	S	0	2	328730 338240
Registered Radioactive Substances					
48	Name: Kronospan Ltd Location: Maesgwyn Farm, Chirk, WREXHAM, Clwyd, LL14 5NT Authority: Environment Agency, Welsh Region Permit Reference: AB6748 Dated: 20th March 1993 Process Type: Not Supplied Description: Substantial variation to a registration under S7 or S10 RSA for 1 or more closed sources =< 4 Terabecquerels also for storage in transit Status: Authorisation superseded by a substantial or non substantial variation Positional Accuracy: Manually positioned to the address or location	S	0	2	328730 338240
Registered Radioactive Substances					
48	Name: Kronospan Ltd Location: Maesgwyn Farm, Chirk, WREXHAM, Clwyd, LL14 5NT Authority: Environment Agency, Welsh Region Permit Reference: AH9219 Dated: 31st March 1991 Process Type: Not Supplied Description: Registration under S7 or S10 RSA for 1 or more closed sources =< 4 Terabecquerels also for storage in transit Status: Authorisation superseded by a substantial or non substantial variation Positional Accuracy: Manually positioned to the address or location	S	0	2	328730 338240
Registered Radioactive Substances					
48	Name: Kronospan Ltd Location: Maesgwyn Farm, Chirk, WREXHAM, Clwyd, LL14 5NT Authority: Environment Agency, Welsh Region Permit Reference: AY5078 Dated: 4th June 1997 Process Type: Registration under S7 RSA for the keeping and use of Radioactive materials (was RSA60 S1) Description: Minor variation to registration under S7 or S10 RSA for 1 or more closed sources =< 4 Terabecquerels also for storage in transit Status: Authorisation superseded by a substantial or non substantial variation Positional Accuracy: Manually positioned to the address or location	S	0	2	328730 338240

Map ID	Details	Compass Direction	Estimated Distance From Site	Contact	NGR
Registered Radioactive Substances					
49	Name: Cadbury Schweppes Plc Location: Station Avenue, Chirk, WREXHAM, Clwyd, LL14 5LT Authority: Environment Agency, Welsh Region Permit Reference: AR2783 Dated: 31st May 1995 Process Type: Registration under S7 RSA for the keeping and use of Radioactive materials (was RSA60 S1) Description: Minor variation to registration under S7 or S10 RSA for 1 or more closed sources =< 4 Terabecquerels also for storage in transit Status: Application has been authorised and any conditions apply to the operator Positional Accuracy: Automatically positioned to the address	S	231	2	328640 337990
Registered Radioactive Substances					
49	Name: Cadbury Schweppes Plc Location: Station Avenue, Chirk, WREXHAM, Clwyd, LL14 5LT Authority: Environment Agency, Welsh Region Permit Reference: AQ8611 Dated: 2nd April 1991 Process Type: Registration under S7 RSA for the keeping and use of Radioactive materials (was RSA60 S1) Description: Registration under S7 or S10 RSA for 1 or more closed sources =< 4 Terabecquerels also for storage in transit Status: Authorisation superseded by a substantial or non substantial variation Positional Accuracy: Automatically positioned to the address	S	236	2	328640 337980
River Quality					
-	Name: Shropshire Union C GQA Grade: River Quality C Reach: St Martin'S Moor - Llantysilio Estimated Distance of Reach (km): 20 Flow rate: Flow greater than 80 cumecs Flow Type: Canal Year: 2000	NW	0	2	328460 338620
Water Abstractions					
50	Operator: Kronospan Ltd Licence Number: 24/67/5/0066 Location: 33m Deep, 250mm Dia. St.Steel Casing, Borehole Authority: Environment Agency, Welsh Region Abstraction: Other Industrial/Commercial/Public Services: Process Water Abstraction Type: Water may be abstracted from a single point Source: Groundwater Daily Rate (m3): Not Supplied Yearly Rate (m3): Not Supplied Details: 33M Deep; 250Mm Dia. St.Steel Casing; Borehole Authorised Start: 01 January Authorised End: 31 December Permit Start Date: 7th July 1995 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 100m	N	0	2	328680 338590
Water Abstractions					
50	Operator: Kronospan Ltd Licence Number: 24/67/5/0080 Location: 33m Deep, 250mm Dia. St.Steel Casing, Borehole Authority: Environment Agency, Welsh Region Abstraction: Other Industrial/Commercial/Public Services: Evaporative Cooling Abstraction Type: Water may be abstracted from a single point Source: Groundwater Daily Rate (m3): Not Supplied Yearly Rate (m3): Not Supplied Details: Registered Address Authorised Start: 01 January Authorised End: 31 December Permit Start Date: 1st April 2003 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 10m	N	0	2	328680 338590

Map ID	Details	Compass Direction	Estimated Distance From Site	Contact	NGR
Water Abstractions					
50	Operator: Kronospan Ltd Licence Number: 24/67/5/0080 Location: 33m Deep, 250mm Dia. St.Steel Casing, Borehole Authority: Environment Agency, Welsh Region Abstraction: Other Industrial/Commercial/Public Services: Process Water Abstraction Type: Water may be abstracted from a single point Source: Groundwater Daily Rate (m3): Not Supplied Yearly Rate (m3): Not Supplied Details: Registered Address Authorised Start: 01 January Authorised End: 31 December Permit Start Date: 1st April 2003 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 10m	N	0	2	328680 338590
Water Abstractions					
51	Operator: Kronospan Ltd Licence Number: 24/67/5/0066 Location: Borehole Authority: Environment Agency, Welsh Region Abstraction: Other Industrial/Commercial/Public Services: Process Water Abstraction Type: Water may be abstracted from a single point Source: Groundwater Daily Rate (m3): Not Supplied Yearly Rate (m3): Not Supplied Details: Not Supplied Authorised Start: 01 January Authorised End: 31 December Permit Start Date: 7th July 1995 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 100m	NW	0	2	328650 338620
Water Abstractions					
52	Operator: Kronospan Ltd Licence Number: 24/67/5/0077 Location: 55m Deep, 300mm Dia Borehole Authority: Environment Agency, Welsh Region Abstraction: Other Industrial/Commercial/Public Services: Process Water Abstraction Type: Water may be abstracted from a single point Source: Groundwater Daily Rate (m3): Not Supplied Yearly Rate (m3): Not Supplied Details: 55M Deep; 300mm Diameter Borehole Authorised Start: 01 January Authorised End: 31 December Permit Start Date: 26th May 1998 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 100m	SE	16	2	328980 338170
Water Abstractions					
52	Operator: Kronospan Ltd Licence Number: 24/67/5/0079 Location: 55m Deep, 300mm Dia Borehole Authority: Environment Agency, Welsh Region Abstraction: Other Industrial/Commercial/Public Services: Process Water Abstraction Type: Water may be abstracted from a single point Source: Groundwater Daily Rate (m3): Not Supplied Yearly Rate (m3): Not Supplied Details: Not Supplied Authorised Start: 01 January Authorised End: 31 December Permit Start Date: 1st April 2003 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 10m	SE	16	2	328980 338170

Map ID	Details	Compass Direction	Estimated Distance From Site	Contact	NGR
Water Abstractions					
53	Operator: British Waterways Board Licence Number: 24/67/5/0081 Location: Point A On Llangollen Canal Authority: Environment Agency, Welsh Region Abstraction: Other Industrial/Commercial/Public Services: Evaporative Cooling Abstraction Type: Water may be abstracted from a single point Source: Surface Daily Rate (m3): Not Supplied Yearly Rate (m3): Not Supplied Details: Llangollen Canal Authorised Start: 01 January Authorised End: 31 December Permit Start Date: 12th August 2003 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 10m	N	41	2	328530 339000
Water Abstractions					
53	Operator: British Waterways Board Licence Number: 24/67/5/0081 Location: Point A On Llangollen Canal Authority: Environment Agency, Welsh Region Abstraction: Other Industrial/Commercial/Public Services: Process Water Abstraction Type: Water may be abstracted from a single point Source: Surface Daily Rate (m3): Not Supplied Yearly Rate (m3): Not Supplied Details: Llangollen Canal Authorised Start: 01 January Authorised End: 31 December Permit Start Date: 12th August 2003 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 10m	N	41	2	328530 339000
Water Abstractions					
54	Operator: British Waterways Board Licence Number: 24/67/5/0081 Location: Point B On Llangollen Canal Authority: Environment Agency, Welsh Region Abstraction: Other Industrial/Commercial/Public Services: Evaporative Cooling Abstraction Type: Water may be abstracted from a single point Source: Surface Daily Rate (m3): Not Supplied Yearly Rate (m3): Not Supplied Details: Llangollen Canal Authorised Start: 01 January Authorised End: 31 December Permit Start Date: 12th August 2003 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 10m	NW	46	2	328490 338900
Water Abstractions					
54	Operator: British Waterways Board Licence Number: 24/67/5/0081 Location: Point B On Llangollen Canal Authority: Environment Agency, Welsh Region Abstraction: Other Industrial/Commercial/Public Services: Process Water Abstraction Type: Water may be abstracted from a single point Source: Surface Daily Rate (m3): Not Supplied Yearly Rate (m3): Not Supplied Details: Llangollen Canal Authorised Start: 01 January Authorised End: 31 December Permit Start Date: 12th August 2003 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 10m	NW	46	2	328490 338900

Map ID	Details	Compass Direction	Estimated Distance From Site	Contact	NGR
Water Abstractions					
55	Operator: Mr G Myddleton Licence Number: 24/67/5/0067 Location: Chirk Castle Pool And Outlet Stream Authority: Environment Agency, Welsh Region Abstraction: General Agriculture: Spray Irrigation - Direct Abstraction Type: Water may be abstracted from a single point Source: Surface Daily Rate (m3): Not Supplied Yearly Rate (m3): Not Supplied Details: Chirk Castle Pool And Outlet Stream Authorised Start: 01 January Authorised End: 31 December Permit Start Date: 20th January 1993 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 100m	NW	411	2	328180 339120
Water Abstractions					
55	Operator: Chirk Golf Centre Ltd Licence Number: 24/67/5/0067 Location: Chirk Castle Pool And Outlet Stream Authority: Environment Agency, Welsh Region Abstraction: General Agriculture: Spray Irrigation - Direct Abstraction Type: Water may be abstracted from a single point Source: Surface Daily Rate (m3): Not Supplied Yearly Rate (m3): Not Supplied Details: Not Supplied Authorised Start: 01 January Authorised End: 31 December Permit Start Date: 6th April 2001 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 10m	NW	411	2	328180 339120
Water Abstractions					
55	Operator: Chirk Golf Centre Ltd Licence Number: 24/67/5/0067 Location: Chirk Castle Pool And Outlet Stream Authority: Environment Agency, Welsh Region Abstraction: Golf Courses: Spray Irrigation - Direct Abstraction Type: Water may be abstracted from a single point Source: Surface Daily Rate (m3): Not Supplied Yearly Rate (m3): Not Supplied Details: Not Supplied Authorised Start: 01 April Authorised End: 30 September Permit Start Date: 31st January 2003 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 10m	NW	411	2	328180 339120
Groundwater Vulnerability					
-	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 Soil Classification: Soils of High Leaching Potential (H2) - Deep, permeable, coarse textured solids which readily transmit a wide range of pollutants because of their rapid drainage and low attenuation potential Map Sheet: Sheet 21 West Shropshire Scale: 1:100,000	-	0	2	328700 338510
Groundwater Vulnerability					
-	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 Soil Classification: Soils of Low Leaching Potential - Soils in which pollutants are unlikely to penetrate the soil layer because water movement is largely horizontal or they have large ability to attenuate diffuse pollutants. Lateral flow from these soils contribute to groundwater recharge elsewhere in the catchment Map Sheet: Sheet 21 West Shropshire Scale: 1:100,000	NW	0	2	328690 338520

Map ID	Details	Compass Direction	Estimated Distance From Site	Contact	NGR
Drift Deposits					
-	Drift Deposit: Low permeability drift deposits occurring at the surface and overlying Major and Minor Aquifers are head, clay-with-flints, brickearth, peat, river terrace deposits and marine and estuarine alluvium	-	0	2	328700 338510
Map Sheet:	Sheet 21 West Shropshire				
Scale:	1:100,000				
Fluvial Indicative Floodplains					
-	Description: None	-	-	-	-
Tidal Indicative Floodplains					
-	Description: None	-	-	-	-
River Flood Data (Scotland)					
-	Description: None	-	-	-	-

Map ID	Details	Compass Direction	Estimated Distance From Site	Contact	NGR
Local Authority Landfill Coverage					
	Name: Wrexham County Borough Council - Has supplied landfill data	-	0	3	328700 338510

Map ID	Details	Compass Direction	Estimated Distance From Site	Contact	NGR
Control of Major Accident Hazards Sites (COMAH)					
56	Name: Kronospan Ltd Location: Holyhead Road, Chirk, WREXHAM, Clwyd, LL14 5NT Reference: 474 Type: Upper Tier Status: Active Positional Accuracy: Automatically positioned to the address	S	0	4	328730 338240
Planning Hazardous Substance Consents					
57	Name: Kronospan Ltd Location: Holyhead Road, Chirk, WREXHAM, Clwyd, LL14 5NB Authority: Wrexham County Borough Council, Planning Department Application Ref: Cb3633/Hs Hazardous Substance: Part A, Toxic Substance, Formaldehyde (>90%), where amount held is greater than or equal to 50 tonnes Maximum Quantity: 1140 Part A, Toxic Substance, Formaldehyde (>90%), where amount held is greater than or equal to 50 tonnes Application date: 3rd September 1999 Decision: Deemed Consent Granted Positional Accuracy: Automatically positioned to the address	S	0	5	328730 338240
Planning Hazardous Substance Consents					
57	Name: Kronospan Ltd Location: Holyhead Road, Chirk, WREXHAM, Clwyd, LL14 5NB Authority: Wrexham County Borough Council, Planning Department Application Ref: Cb3633/Hs Hazardous Substance: Part C, Flammable Substance (Not in Parts A&B), All other liquid or liquids with flashpoint less than 21C, where amount held is >= 10,000 tonnes Maximum Quantity: 400 Part C, Flammable Substance (Not in Parts A&B), All other liquid or liquids with flashpoint less than 21C, where amount held is >= 10,000 tonnes Application date: 3rd September 1999 Decision: Unknown at time of report Positional Accuracy: Automatically positioned to the address	S	0	5	328720 338230

Map ID	Details		Compass Direction	Estimated Distance From Site	Contact	NGR
BGS Boreholes						
58	BGS Reference: Drilled Length: Borehole Name:	Sj23ne190 34 Kronospan Limited Chirk	N	0	6	328640 338670
BGS Boreholes						
59	BGS Reference: Drilled Length: Borehole Name:	Sj23ne191 33 Kronospan Limited Chirk	N	0	6	328680 338590
BGS Boreholes						
60	BGS Reference: Drilled Length: Borehole Name:	Sj23ne285 9 Oxy-Metal Finishings, Chirk, No 1	N	0	6	328800 338800
BGS Boreholes						
60	BGS Reference: Drilled Length: Borehole Name:	Sj23ne286 9 Oxy-Metal Finishings No. 2	N	0	6	328800 338800
BGS Boreholes						
60	BGS Reference: Drilled Length: Borehole Name:	Sj23ne288 12.5 Oxy-Metal Finishings No. 4	N	0	6	328800 338800
BGS Boreholes						
60	BGS Reference: Drilled Length: Borehole Name:	Sj23ne289 17 Oxy-Metal Finishings No. 5	N	0	6	328800 338800
BGS Boreholes						
60	BGS Reference: Drilled Length: Borehole Name:	Sj23ne290 10 Oxy-Metal Finishings No. 6	N	0	6	328800 338800
BGS Boreholes						
60	BGS Reference: Drilled Length: Borehole Name:	Sj23ne287 9 Oxy-Metal Finishings No. 3	N	0	6	328800 338800
BGS Boreholes						
61	BGS Reference: Drilled Length: Borehole Name:	Sj23ne271 Not Supplied Lady Margarets Park Chirk 4	SW	69	6	328380 337980
BGS Boreholes						
62	BGS Reference: Drilled Length: Borehole Name:	Sj23ne270 Not Supplied Lady Margarets Park Chirk 3	SW	189	6	328380 337860
BGS Boreholes						
63	BGS Reference: Drilled Length: Borehole Name:	Sj23ne269 Not Supplied Lady Margarets Park Chirk 2	SW	229	6	328400 337820
BGS Boreholes						
64	BGS Reference: Drilled Length: Borehole Name:	Sj23ne8 108.81 Wharf Field Black Park Denbigh	NE	263	6	329160 339030
BGS Boreholes						
65	BGS Reference: Drilled Length: Borehole Name:	Sj23ne268 Not Supplied Lady Margarets Park Chirk 1	S	289	6	328410 337760
BGS Boreholes						
66	BGS Reference: Drilled Length: Borehole Name:	Sj23ne275 Not Supplied Lady Margarets Park Chirk Tp 8	S	349	6	328370 337700
BGS Boreholes						
67	BGS Reference: Drilled Length: Borehole Name:	Sj23ne276 Not Supplied Lady Margarets Park Chirk Tp 9	S	391	6	328350 337660
BGS Boreholes						
68	BGS Reference: Drilled Length: Borehole Name:	Sj23ne277 Not Supplied Lady Margarets Park Chirk Tp 10	SW	395	6	328320 337660

Map ID	Details		Compass Direction	Estimated Distance From Site	Contact	NGR
BGS Boreholes						
69	BGS Reference:	Sj23ne274	S	397	6	328470 337660
	Drilled Length:	Not Supplied				
	Borehole Name:	Lady Margarets Park Chirk Tp 7				
BGS Boreholes						
70	BGS Reference:	Sj23ne273	S	496	6	328520 337570
	Drilled Length:	Not Supplied				
	Borehole Name:	Lady Margarets Park Chirk Tp 6				
BGS 1:625,000 Solid Geology						
-	Description:	Lower Westphalian (mainly Productive Coal Measures)	-	0	7	328700 338510
BGS 1:625,000 Solid Geology						
-	Description:	Namurian (Millstone Grit Series)	W	348	7	328110 338730
Coal Mining Affected Areas						
-	Description:	In an area which may be affected by coal mining activity. It is recommended that a coal mining report is obtained from the Coal Authority. Contact details are included in the Useful Contacts section of this report.	E	0	8	329000 338510
Shallow Mining Hazards						
-	Risk:	Low	-	0	7	328700 338510
	source:	British Geological Survey, Information Services Group				
Compressible Ground Subsidence Hazards						
-	Description	No Hazard	-	-	-	-
Ground Dissolution Subsidence Hazards						
-	Description	No Hazard	-	-	-	-
Gulls And Cambering Subsidence Hazards						
-	Description	No Hazard	-	-	-	-
Landslip Subsidence Hazards						
-	Risk:	Low-Moderate	-	0	7	328700 338510
	Source:	British Geological Survey, Information Services Group				
Swelling Clay Subsidence Hazards						
-	Description	No Hazard	-	-	-	-
Mining Instability						
-	Mining Evidence:	Inconclusive Coal Mining	-	0	-	328700 338510
	Source:	Ove Arup & Partners				
	Boundary Quality:	As Supplied				
Radon Affected Areas						
-	Description:	Between 3% and 10% of homes are above the Action Level	-	0	9	328700 338510
	Source:	National Radiological Protection Board				
Radon Protection Measures						
-	Type:	Full radon protective measures should be installed	-	0	7	328700 338510
	Source:	British Geological Survey, Information Services Group				
Radon Protection Measures						
-	Type:	Basic radon protective measures should be installed	NW	0	7	328610 338690
	Source:	British Geological Survey, Information Services Group				

Map ID	Details	Compass Direction	Estimated Distance From Site	Contact	NGR
Contemporary Trade Directory Entries					
71	Name: Chirk Service Station Location: Holyhead Road, Chirk, Wrexham, Clwyd, LL14 5NA Classification: Garage Services Status: Active Positional Accuracy: Automatically positioned to the address	NE	0	-	328940 338680
Contemporary Trade Directory Entries					
72	Name: Kronospan Ltd Location: Chirk, Wrexham, Clwyd, LL14 5NT Classification: Wood Products, Except Furniture - Manufacturers Status: Active Positional Accuracy: Automatically positioned to the address	S	0	-	328730 338240
Contemporary Trade Directory Entries					
73	Name: Berwyn Garage Location: Westfield, Holyhead Road, Chirk, Wrexham, Clwyd, LL14 5HG Classification: Garage Services Status: Active Positional Accuracy: Automatically positioned to the address	NE	0	-	328940 338720
Contemporary Trade Directory Entries					
74	Name: Hartel Services (UK) Location: Chirk, Wrexham, Clwyd, LL14 5NT Classification: Scaffolding & Work Platforms Status: Active Positional Accuracy: Manually positioned within the geographical locality	S	13	-	328680 338240
Contemporary Trade Directory Entries					
75	Name: Range Engineering Co Location: Unit 16 Canal Wood Indust Est, Chirk, Wrexham, Clwyd, LL14 5RL Classification: Precision Engineers Status: Active Positional Accuracy: Manually positioned to the address or location	SW	44	-	328340 338100
Contemporary Trade Directory Entries					
76	Name: Kalgard UK Ltd Location: Unit 8-9, Canal Wood Ind Est, Chirk, Wrexham, Clwyd, LL14 5RL Classification: Coating Specialists Status: Inactive Positional Accuracy: Manually positioned to the address or location	SW	45	-	328350 338030
Contemporary Trade Directory Entries					
76	Name: K G Coating Ltd Location: Unit 8-9, Canal Wood Ind Est, Chirk, Wrexham, Clwyd, LL14 5RL Classification: Spraying - Paint & Coatings Status: Active Positional Accuracy: Manually positioned to the address or location	SW	45	-	328350 338030
Contemporary Trade Directory Entries					
76	Name: Kalgard (UK) Ltd Location: Unit 8-9, Canal Wood Ind Est, Chirk, Wrexham, Clwyd, LL14 5RL Classification: Spraying - Paint & Coatings Status: Active Positional Accuracy: Manually positioned to the address or location	SW	45	-	328350 338030
Contemporary Trade Directory Entries					
77	Name: Chirk Printers Location: 23, West View, Chirk, Wrexham, Clwyd, LL14 5HL Classification: Printers Status: Active Positional Accuracy: Automatically positioned to the address	E	47	-	329040 338600
Contemporary Trade Directory Entries					
78	Name: Fabripaint Ltd Location: Unit 7, Canal Wood Industrial Estate, Chirk, Wrexham, Clwyd, LL14 5RL Classification: Sheet Metal Work Status: Inactive Positional Accuracy: Automatically positioned to the address	SW	97	-	328290 338090
Contemporary Trade Directory Entries					
78	Name: Rmt Garage Equipment Services Location: Unit 13, Canal Wood Industrial Estate, Chirk, Wrexham, Clwyd, LL14 5RL Classification: Garage Equipment Status: Active Positional Accuracy: Automatically positioned to the address	SW	97	-	328290 338090

Map ID	Details	Compass Direction	Estimated Distance From Site	Contact	NGR
Contemporary Trade Directory Entries					
78	Name: R M T Services Location: Unit 13, Canal Wood Industrial Estate, Chirk, Wrexham, Clwyd, LL14 5RL Classification: Steam Cleaning Services Status: Active Positional Accuracy: Automatically positioned to the address	SW	97	-	328290 338090
Contemporary Trade Directory Entries					
79	Name: Timber Supplies Location: Unit 10, Canal Wood Ind Est, Chirk, Wrexham, Clwyd, LL14 5RL Classification: Floorcoverings - Manufacturers & Wholesalers Status: Active Positional Accuracy: Manually positioned to the address or location	SW	97	-	328290 338060
Contemporary Trade Directory Entries					
80	Name: A W Services Location: Unit 1, 2, Canal Wood Ind Est, Chirk, Wrexham, Clwyd, LL14 5RL Classification: Powder Coatings Status: Active Positional Accuracy: Manually positioned to the address or location	SW	124	-	328360 337930
Contemporary Trade Directory Entries					
80	Name: R & T Services Location: Unit 3, Canal Wood Ind Est, Chirk, Wrexham, Clwyd, LL14 5RL Classification: Steam Cleaning Services Status: Active Positional Accuracy: Manually positioned to the address or location	SW	107	-	328360 337950
Contemporary Trade Directory Entries					
81	Name: Flameright Location: Westwood, Holyhead Road, Chirk, Wrexham, Clwyd, LL14 5NA Classification: Boilers - Servicing, Replacements & Repairs Status: Active Positional Accuracy: Automatically positioned to the address	SE	140	-	329070 338060
Contemporary Trade Directory Entries					
82	Name: J A Roberts & Sons Location: Coal Yard, Chapel La, Wrexham, Clwyd, LL14 5NF Classification: Coal & Smokeless Fuel Merchants & Distributors Status: Active Positional Accuracy: Manually positioned to the road within the address or location	E	210	-	329220 338410
Contemporary Trade Directory Entries					
83	Name: Cadbury Trebor Bassett Location: Chirk, Wrexham, Clwyd, LL14 5LT Classification: Confectionery Manufacturers Status: Active Positional Accuracy: Automatically positioned to the address	S	231	-	328640 337990
Contemporary Trade Directory Entries					
84	Name: M & B Roofing & Cladding Specialists Location: 90, Crogen, Chirk, Wrexham, Clwyd, LL14 5BJ Classification: Cladding Suppliers & Installers Status: Active Positional Accuracy: Automatically positioned to the address	NE	261	-	329140 339050
Contemporary Trade Directory Entries					
85	Name: Alan Roberts Location: 7, Station Avenue, Chirk, Wrexham, Clwyd, LL14 5LU Classification: Coal & Smokeless Fuel Merchants & Distributors Status: Active Positional Accuracy: Automatically positioned to the address	S	385	-	328740 337800
Contemporary Trade Directory Entries					
86	Name: J Roberts & Sons Location: Station Av, Chirk, Wrexham, Clwyd, LL14 5LS Classification: Coal & Smokeless Fuel Merchants & Distributors Status: Active Positional Accuracy: Manually positioned to the road within the address or location	S	403	-	328890 337760
Contemporary Trade Directory Entries					
87	Name: The Jewellery Clinic Location: 10 Station Av, Chirk, Wrexham, Clwyd, LL14 5LS Classification: Jewellery Manufacturers & Repairers Status: Inactive Positional Accuracy: Manually positioned to the road within the address or location	SE	438	-	329030 337750

Map ID	Details	Compass Direction	Estimated Distance From Site	Contact	NGR
Contemporary Trade Directory Entries					
88	Name: Terry'S Auto Repairs Location: Church View,Chirk,Wrexham,Clwyd,LL14 5PE Classification: Garage Services Status: Active Positional Accuracy: Manually positioned to the road within the address or location	SE	450	-	329270 337810
Fuel Station Entries					
89	Name: The Garage Location: Holyhead Road,Chirk,WREXHAM,Clwyd,LL14 5HP Brand: OUT OF INDUSTRY Premises Type: Petrol Station Status: Out of Industry Positional Accuracy: Manually positioned to the address or location	NE	0	-	328850 338680
Fuel Station Entries					
90	Name: Berwyn Garage Location: Holyhead Road,Chirk,WREXHAM,Clwyd,LL14 5HP Brand: Q8 Premises Type: Petrol Station Status: Open Positional Accuracy: Unknown	NE	0	-	328810 338930

Data Type	Version	Update Cycle
Agency & Hydrological		
Air Pollution Controls Wrexham County Borough Council Environmental Health Department	August-2003	Annual Rolling Update
Air Pollution Control Enforcements Wrexham County Borough Council Environmental Health Department	August-2003	Annual Rolling Update
Discharge Consents Environment Agency Welsh Region	December-2003	Bi-Annually
Enforcement and Prohibition Notices Environment Agency Welsh Region	February-2004	As notified
Integrated Pollution Controls Environment Agency Welsh Region	January-2004	Quarterly
Integrated Pollution Prevention And Control Environment Agency Welsh Region	January-2004	Quarterly
Pollution Incidents to Controlled Waters Environment Agency Welsh Region	December-1998	Not Applicable
Substantiated Pollution Incident Register Environment Agency - Welsh Region Northern Area	January-2004	Bi-Annually
Prosecutions Relating to Authorised Processes Environment Agency Welsh Region	April-2004	As notified
Prosecutions Relating to Controlled Waters Environment Agency Welsh Region	March-2004	As notified
Red List Discharge Consents Environment Agency Welsh Region	January-2004	Quarterly
Registered Radioactive Substances Environment Agency Welsh Region	January-2004	Quarterly
River Quality Environment Agency Head Office	November-2001	Not Applicable
River Quality Biology Sampling Points Environment Agency Head Office	September-2003	Annually
River Quality Chemistry Sampling Points Environment Agency Head Office	January-2004	Annually
Water Abstractions Environment Agency Welsh Region	December-2003	Bi-Annually
Groundwater Vulnerability Environment Agency Head Office	December-2003	Not Applicable
Drift Deposits Environment Agency Head Office	January-1999	Not Applicable
Fluvial Indicative Floodplains Environment Agency Head Office	December-2003	Annually
Tidal Indicative Floodplains Environment Agency Head Office	December-2003	Annually
Source Protection Zones Environment Agency Head Office	December-2003	Variable
River Flood Data (Scotland) Centre for Ecology and Hydrology	September-1999	Not Applicable

Data Type	Version	Update Cycle
Waste		
BGS Recorded Landfill Sites British Geological Survey Information Services Group	June-1996	Not Applicable
Integrated Pollution Control Registered Waste Sites Environment Agency Welsh Region	January-2004	Quarterly
Licensed Waste Management Facilities (Landfill Boundaries) Environment Agency - Welsh Region Northern Area	December-2003	Bi-Annually
Licensed Waste Management Facilities (Locations) Environment Agency - Welsh Region Northern Area	January-2004	Bi-Annually
Local Authority Landfill Coverage Wrexham County Borough Council	May-2000	Not Applicable
Registered Landfill Sites Environment Agency - Welsh Region Northern Area	March-2003	Variable
Registered Waste Transfer Sites Environment Agency - Welsh Region Northern Area	March-2003	Variable
Registered Waste Treatment or Disposal Sites Environment Agency - Welsh Region Northern Area	March-2003	Variable
Hazardous Substances		
Control of Major Accident Hazards Sites (COMAH) Health and Safety Executive	May-2001	Variable
Explosive Sites Health and Safety Executive	February-2004	Bi-Annually
Notification of Installations Handling Hazardous Substances (NIHHS) Health and Safety Executive	November-2000	Not Applicable
Planning Hazardous Substance Consents Wrexham County Borough Council Planning Department	December-2003	Annual Rolling Update
Planning Hazardous Substance Enforcements Wrexham County Borough Council Planning Department	December-2003	Annual Rolling Update

Data Type	Version	Update Cycle
Geological		
BGS Boreholes British Geological Survey National Geological Records Centre	January-2004	Quarterly
BGS Recorded Mineral Sites British Geological Survey Information Services Group	October-2003	Bi-Annually
BGS 1:625,000 Solid Geology British Geological Survey Information Services Group	August-1996	Not Applicable
Coal Mining Affected Areas The Coal Authority Mining Report Service	December-2003	As notified
Shallow Mining Hazards British Geological Survey Information Services Group	August-2002	Variable
Compressible Ground Subsidence Hazards British Geological Survey Information Services Group	August-2002	Variable
Ground Dissolution Subsidence Hazards British Geological Survey Information Services Group	August-2002	Variable
Gulls And Cambering Subsidence Hazards British Geological Survey Information Services Group	August-2002	Variable
Landslip Subsidence Hazards British Geological Survey Information Services Group	August-2002	Variable
Swelling Clay Subsidence Hazards British Geological Survey Information Services Group	August-2002	Variable
Mining Instability Ove Arup & Partners	October-2000	Not Applicable
Natural and Mining Cavities Peter Brett Associates Consulting Engineers	October-2001	Variable
Radon Affected Areas National Radiological Protection Board	September-1999	Not Applicable
Radon Protection Measures British Geological Survey Information Services Group	August-2002	Variable
Industrial Land Use		
Contemporary Trade Directory Entries Thomson Directories	January-2004	Bi-Annually
Fuel Station Entries Catalist Ltd (Fuel Station Data)	February-2004	Quarterly

Data Type	Version	Update Cycle
Sensitive Land Uses		
Areas of Outstanding Natural Beauty		
Countryside Council for Wales	November-2003	Bi-Annually
The Countryside Agency	October-2003	Annually
Environmentally Sensitive Areas		
Department for Environment, Food and Rural Affairs (DEFRA - formerly FRCA)	January-2004	Annually
Forest Parks		
Forestry Commission	April-1997	Not Applicable
Local Nature Reserves		
Denbighshire County Council	November-2003	Bi-Annually
Wrexham County Borough Council	November-2003	Bi-Annually
Marine Nature Reserves		
English Nature	January-2004	Bi-Annually
Countryside Council for Wales	November-2003	Bi-Annually
National Nature Reserves		
English Nature	January-2004	Bi-Annually
Countryside Council for Wales	November-2003	Bi-Annually
National Parks		
The National Assembly for Wales GI Services (Department of Planning & Countryside)	January-2004	Annually
The Countryside Agency	October-2003	Annually
Nitrate Sensitive Areas		
Department for Environment, Food and Rural Affairs (DEFRA - formerly FRCA)	December-2003	Not Applicable
Nitrate Vulnerable Zones		
Department for Environment, Food and Rural Affairs (DEFRA - formerly FRCA)	November-2002	Annually
Ramsar Sites		
English Nature	January-2004	Bi-Annually
Countryside Council for Wales	November-2003	Bi-Annually
Sites of Special Scientific Interest		
English Nature	January-2004	Bi-Annually
Countryside Council for Wales	November-2003	Bi-Annually
Special Areas of Conservation		
English Nature	January-2004	Bi-Annually
Countryside Council for Wales	November-2003	Bi-Annually
Special Protection Areas		
Countryside Council for Wales	November-2003	Bi-Annually

Some of the organisations who provide data which is used within the report

Ordnance Survey	 Licensed Partner
Environment Agency	 ENVIRONMENT AGENCY
Scottish Environment Protection Agency	 SEPA Scottish Environment Protection Agency
The Coal Authority	 The COAL AUTHORITY
British Geological Survey	 British Geological Survey <small>NATURAL ENVIRONMENT RESEARCH COUNCIL</small> Value Added Reseller
Centre for Ecology and Hydrology	 Centre for Ecology & Hydrology <small>NATURAL ENVIRONMENT RESEARCH COUNCIL</small>
Countryside Council for Wales	 CYNGOR CEFN GWLAD CYMRU COUNTRYSIDE COUNCIL FOR WALES
Scottish Natural Heritage	 SCOTTISH NATURAL HERITAGE
English Nature <small>Site of Special Scientific Interest, National Nature Reserve, Ramsar, Special Protection Area, Special Conservation Area, Marine Nature Reserve data (derived from Ordnance Survey 1:100000 raster) is provided by, and used with the permission of, English Nature who retain the copyright and Intellectual Property Rights for the data</small>	 ENGLISH NATURE
National Radiological Protection Board	 nrpb <small>National Radiological Protection Board</small>
Ove Arup <small>The Data provided above was obtained on Licence from Ove Arup & Partners Limited (for further information, contact mining.review@arup.com). No reproduction or further use of such Data is to be made without the prior written consent of Ove Arup & Partners Limited. The information and data supplied in the product are derived from publicly available records and other third party sources and neither Ove Arup & Partners nor Landmark warrant the accuracy or completeness of such information or data.</small>	ARUP

Contact Name and Address

1	Wrexham County Borough Council Environmental Health Department Crown Buildings P O Box 1297 Wrexham Clwyd LL13 8ZE	Telephone 01978 297038 Fax 01978 292502
2	Environment Agency National Customer Contact Centre (NCCC) PO Box 544 Templeborough Rotherham S60 1BY enquiries@environment-agency.gov.uk	Telephone 08708 506 506
3	Wrexham County Borough Council PO Box 1284 Guildhall Wrexham Clwyd LL11 1AY	Telephone 01978 292000 Fax 01978 292502
4	Health and Safety Executive HSE Infoline Caerphilly Business Park Caerphilly CF83 3GG hseinformationservices@natbrit.com www.hse.gov.uk	Telephone 08701 545500 Fax 02920 859260
5	Wrexham County Borough Council Planning Department Guildhall Wrexham LL11 1AY	Telephone 01978 292000 Fax 01978 292502

Contact Name and Address

6	British Geological Survey National Geological Records Centre Keyworth Nottingham Nottinghamshire NG12 5GG ngis@bgs.ac.uk www.bgs.ac.uk	Telephone 0115 936 3109 Fax 0115 936 3276
7	British Geological Survey Information Services Group Kingsley Dunham Centre Keyworth Nottingham Nottinghamshire NG12 5GG www.bgs.ac.uk	Telephone 0115 936 3100 Fax 0115 936 3200
8	The Coal Authority Mining Report Service 200 Lichfield Lane Mansfield Nottinghamshire NG18 4RG thecoalauthority@coal.gov.uk	Telephone 0845 7626848
9	National Radiological Protection Board Chilton Didcot Oxfordshire OX11 0RQ	Telephone 01235 831600 Fax 01235 833891
	Catalist Ltd (Fuel Station Data) Richmond House 22 Richmond Hill Clifton Bristol Avon BS8 1BA Mark@catalist-uk.com	Telephone 0117 923 7113 Fax 0117 923 7166

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

C2 Geological and Hydrogeological Data

Welsh NRA
Welsh LS.

RECEIVED N.G.D.C.

DATE: 17.7.96

SIG: *[Signature]*

NN940080

SJ23/44A

NGDO
ACCESSION
NUMBER

25165

National Rivers Authority

Welsh Region

BOREHOLE RECORD

Observation 4/h

30m TD.

SJ23NE/90

A. SITE DETAILS

Borehole drilled for
Location
NGR (8 fig.)
Ground Level (if known)
Drilling Company
Date of drilling

KRONOSPAN LIMITED
KRONOSPAN LIMITED, CHIRK
SJ 2864 3867 ✓ Please attach site plan

J. P. WHITTER LIMITED
Commenced: 29/6/94 Completed: 14/7/94

B. CONSTRUCTION DETAILS

OBSERVATION BOREHOLE

Borehole datum
Borehole drilled diameter

Casing material diameter and type
Plain Plastic
Slotted Plastic
Plain Plastic
Grouting details
Water struck at

Rest water Level on completion

TOP OF CASING
300 mm from 0 to 8.5 m/depth
250 mm from 8.5 to 23.8 m/depth
200 mm from 23.8 to 30 m/depth

76 mm from 0 to 12 m/depth
76 mm from 12 to 30 m/depth
73 mm from 30 to 34 m/depth
30.5 to 34 and 0 to 11.5 m/depth
5.5 m (depth below datum - mbd)
23.5 m (depth below datum - mbd)
8.75 mbd

C. TEST PUMPING SUMMARY

Test Pumping Datum m above/below borehole datum (mbd)
Pump Suction Depth mbd
Water Level (Start of Test) mbd
Water Level (End of Test) mbd
Pumping rate l/s
..... for days/hrs
Recovery to mbd in mins:hrs:days
Date(s) of measurements

Please supply Chemical Analysis If Available

Observation 4/6

SS23/44A

ST23NE190

D. STRATA LOG			
Geological Classification	Drillers Description of strata	Thickness	Depth
(BGS only)		M	M
	Made Ground	0.5	0.5
	Yellow Clay	0.5	1.0
	Soft Silt with Stone	4.5	5.5
	Soft Grey Silt	16.5	22
	Gravel	1.5	23.5
	Brown Boulder Clay	1.5	25
	Brown Silt with Gravel and Coal	4.0	29
	Clay	1	30
	Brown Boulder Clay	4	34 ?
	Other Comments (eg gas encountered, saline water intercepted, etc)		

FOR OFFICIAL USE ONLY

FILE CONSENT NO BGS REF NO

LICENCE NO USE OF BH NGR

Welsh L.S.

Welsh NRA

RECEIVED N.G.D.C.

DATE: 17.7.96

National Rivers Authority

Welsh Region

NN940080

SJ23/44B

25166

BOREHOLE RECORD

Abstraction L/h 33 m TD.

A. SITE DETAILS		SJ23NE 191	
Borehole drilled for	KRONOSPAN LIMITED		
Location	KRONOSPAN LIMITED, CHIRK		
NGR (8 fig.)	SJ 2868 3859	Please attach site plan	
Ground Level (if known)	98.908 m AOD		
Drilling Company	J. P. WHITTER LIMITED		
Date of drilling	Commenced: 1/6/94	Completed: 28/6/94	
B. CONSTRUCTION DETAILS		(WELL)	
Borehole datum	TOP OF CASING		
Borehole drilled diameter	560 mm from 0 to 6.5 m/depth		
	508 mm from 6.5 to 14.5 m/depth		
	381 mm from 14.5 to 25 m/depth		
Casing material	300 mm from 25 to 33 m/depth		
Plain Stainless Steel	250 mm dia from 25 to 33 m/depth		
Slotted Stainless Steel	250 mm from 21 to 33 m/depth		
Grouting details	0 - 20 m/depth		
Water struck at	9 m (depth below datum - mbd)		
	14 m (depth below datum - mbd)		
Rest water Level on completion	14.5 mbd		
C. TEST PUMPING SUMMARY			
Test Pumping Datum	m above/below borehole datum (mbd)		
Pump Suction Depth	28	mbd	
Water Level (Start of Test)	9.02	mbd	
Water Level (End of Test)	22.50	mbd	
Pumping rate	9	l/s	
	for	10	days
Recovery to	9 mbd in 5 1/2 days		
Date(s) of measurements	30/9/94 - 14/10/94		
Please supply Chemical Analysis if Available			

SJ23/44B

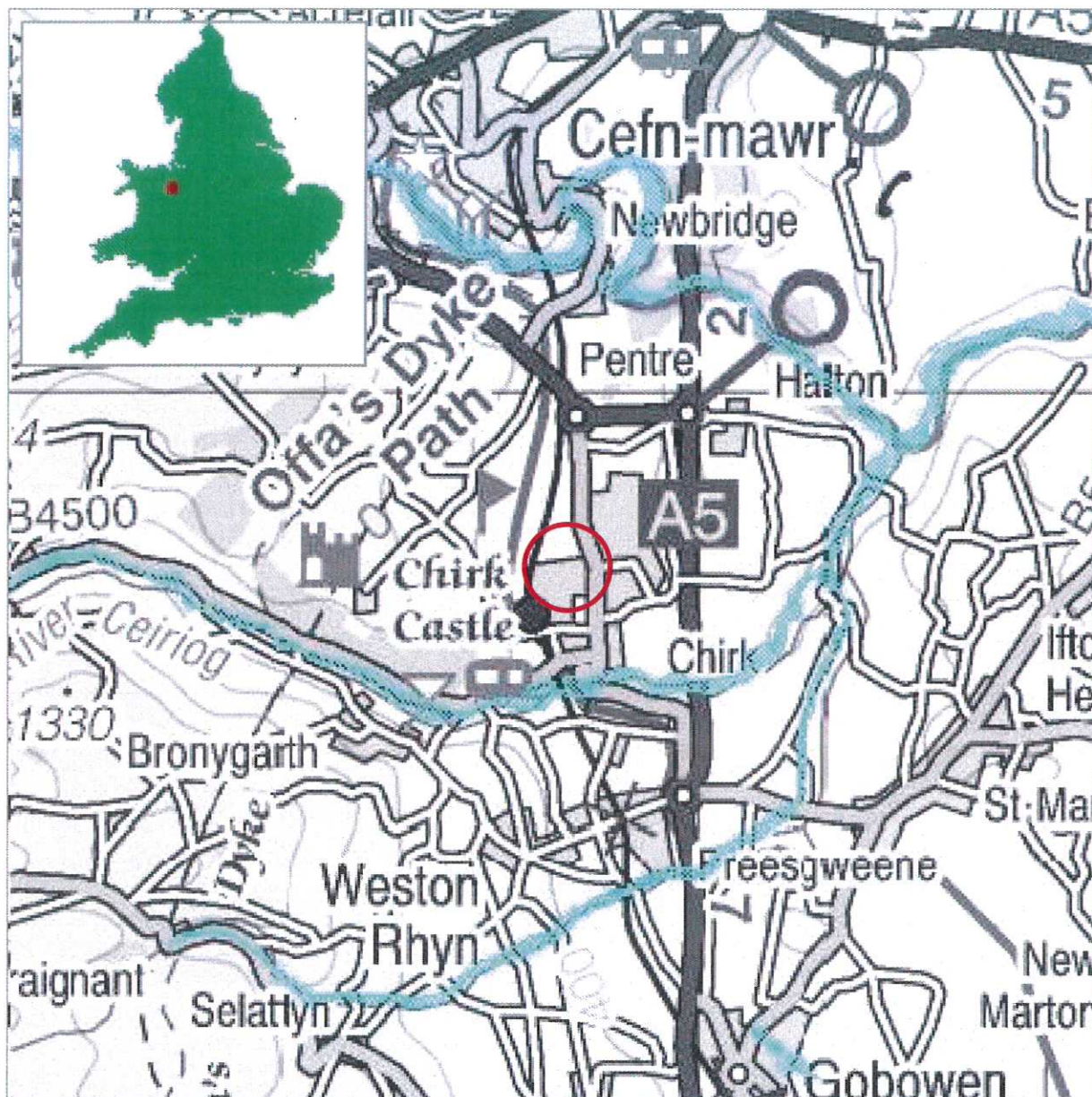
Abstract for Wn

SJ23NE 191

D. STRATA LOG			
Geological Classification	Drillers Description of strata	Thickness	Depth
(BGS only)		M	M
	Sand and Gravel	3	3
	Grey Soft Silt Dry	8	11
	Soft Grey Silt with Stone	<u>10</u>	<u>21</u>
	Gravel	9.5	30.5
	Boulder Clay	2.5	33
	Other Comments (eg gas encountered, saline water encountered, etc)		

FOR OFFICIAL USE ONLY			
FILE	CONSENT NO	BGS REF NO	
LICENCE NO	USE OF BH	NGR	

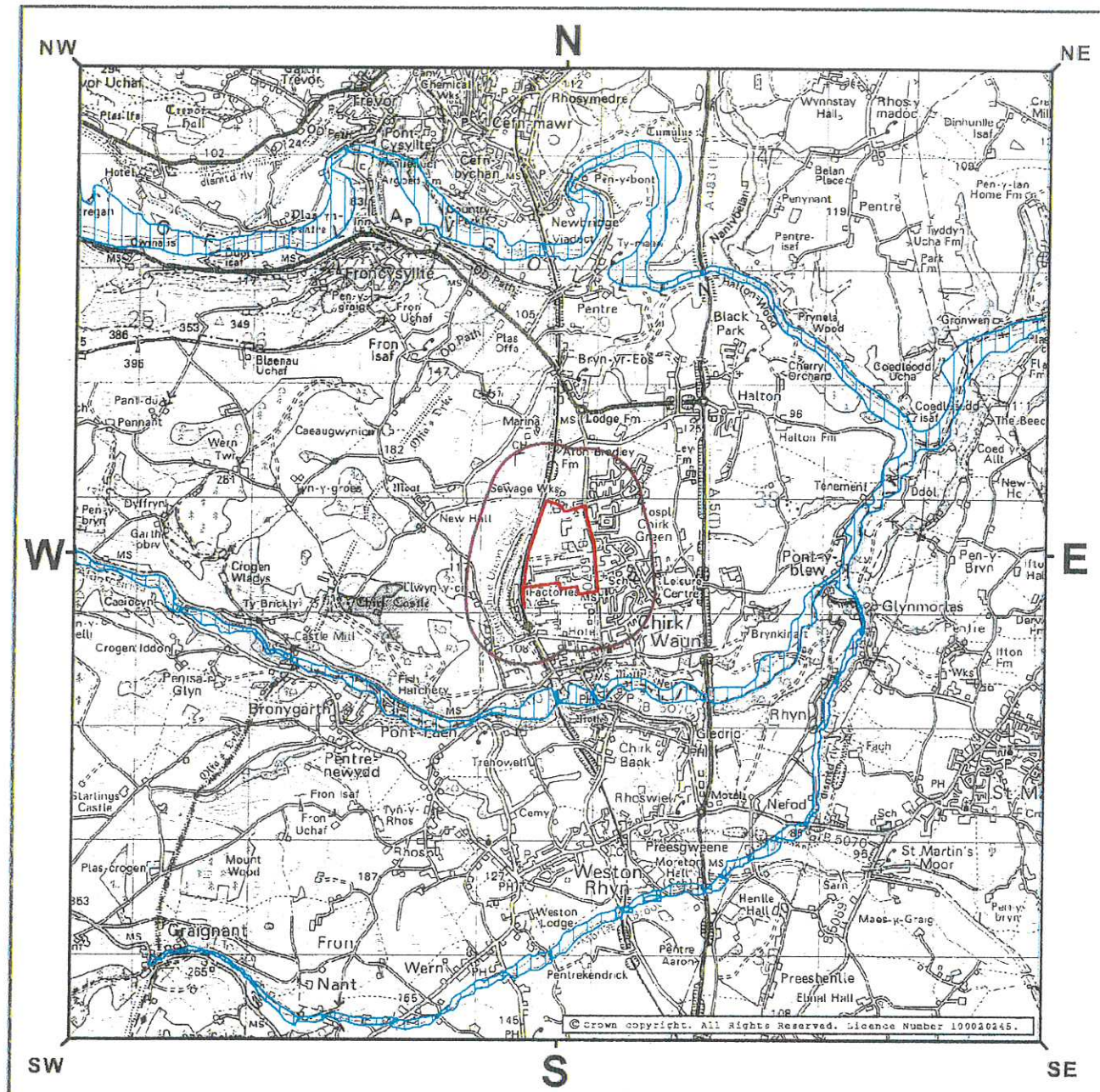
C3 Hydrological Data



Key:

Indicative Floodplains

	Sea
	River



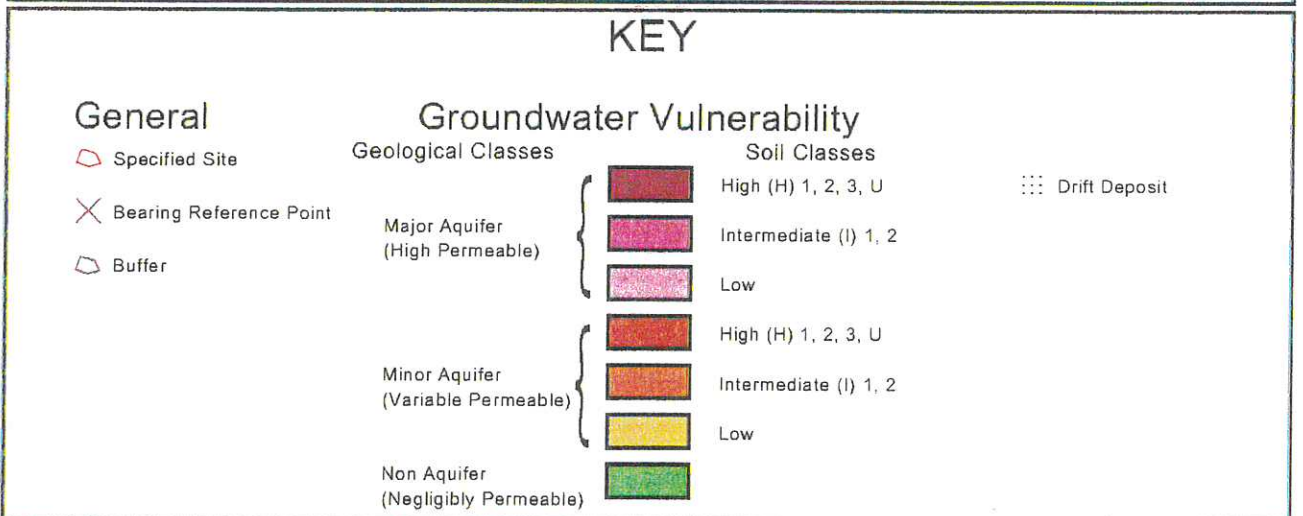
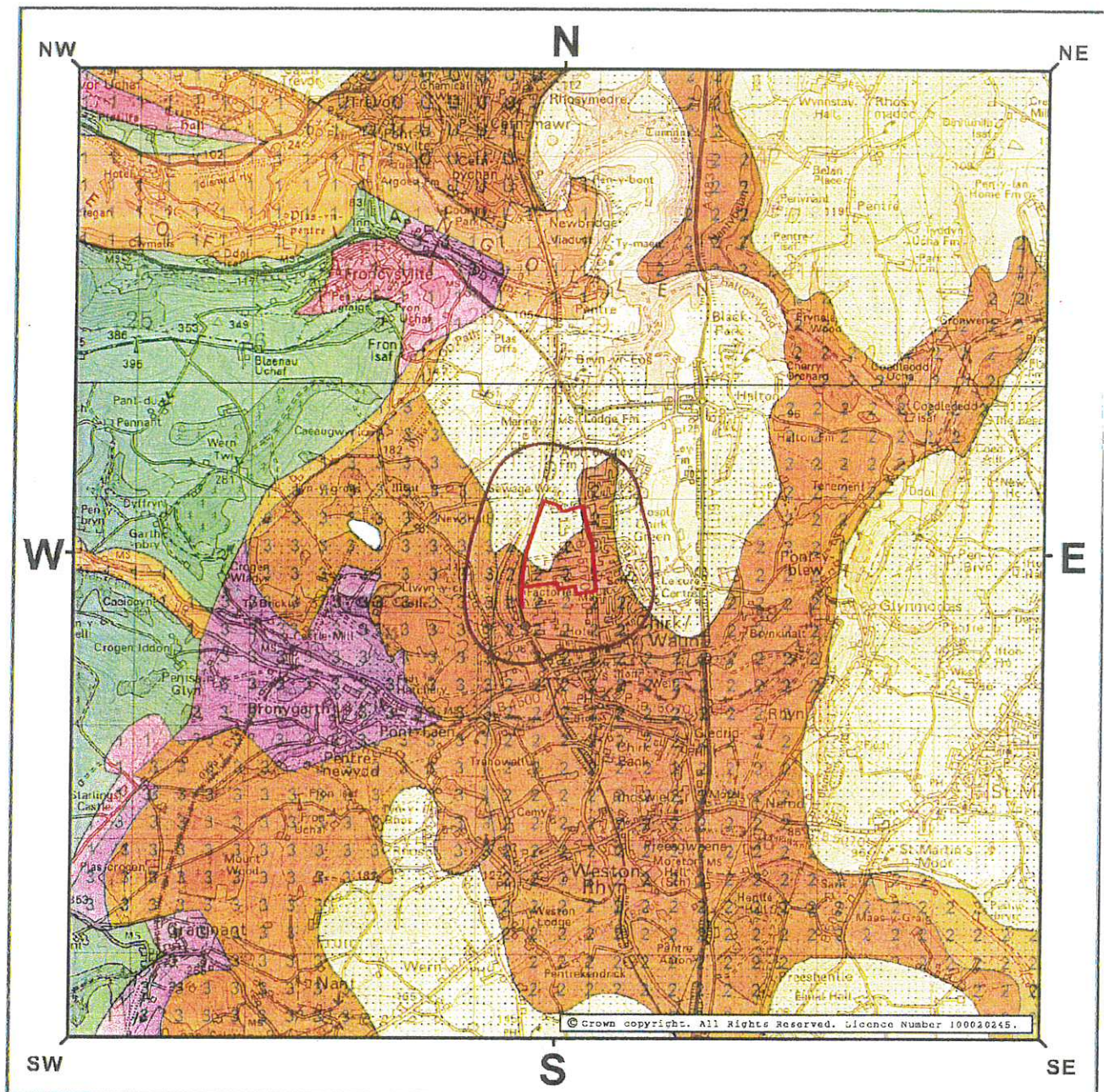
KEY

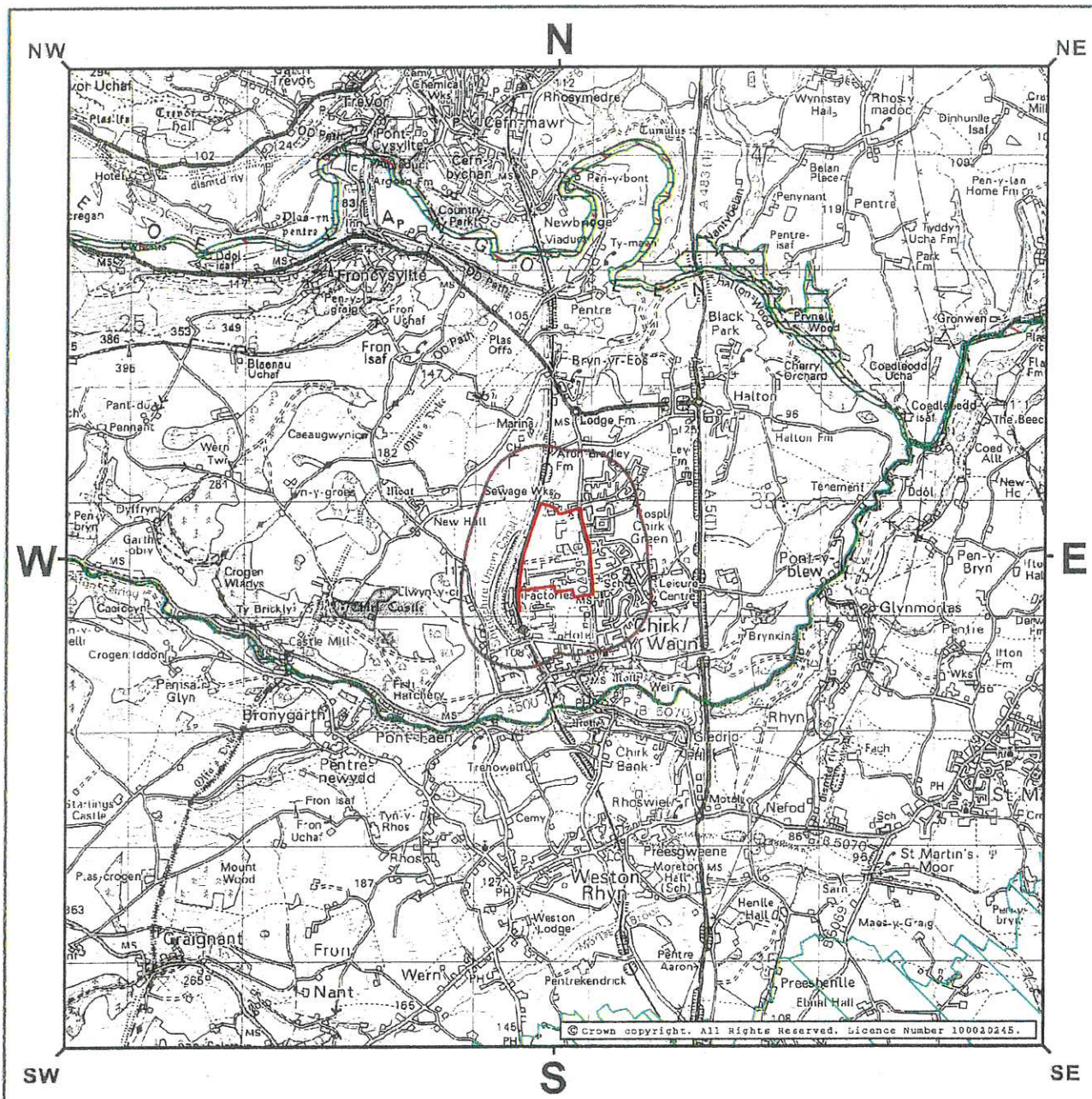
General

- Specified Site
- X Bearing Reference Point
- Buffer

Agency & Hydrological Environment Agency Indicative Floodplain

- Indicative Fluvial Floodplain
- Indicative Tidal Floodplain





KEY

General

- | | | |
|-------------------------|--------------------------------|-------------------------|
| Specified Site | Environmentally Sensitive Area | Nitrate Sensitive Area |
| Bearing Reference Point | Forest Park | Nitrate Vulnerable Zone |
| Buffer | Local Nature Reserve | Ramsar Site |

Sensitive Land Uses

- | | | |
|------------------------------------|-------------------------|-------------------------------------|
| Area of Adopted Green Belt | Marine Nature Reserve | Site of Special Scientific Interest |
| Area of Unadopted Green Belt | National Nature Reserve | Special Area of Conservation |
| Area of Outstanding Natural Beauty | National Park | Special Protection Area |
| | National Scenic Area | |

C4 Existing Site Investigation, Assessment and Remediation Records