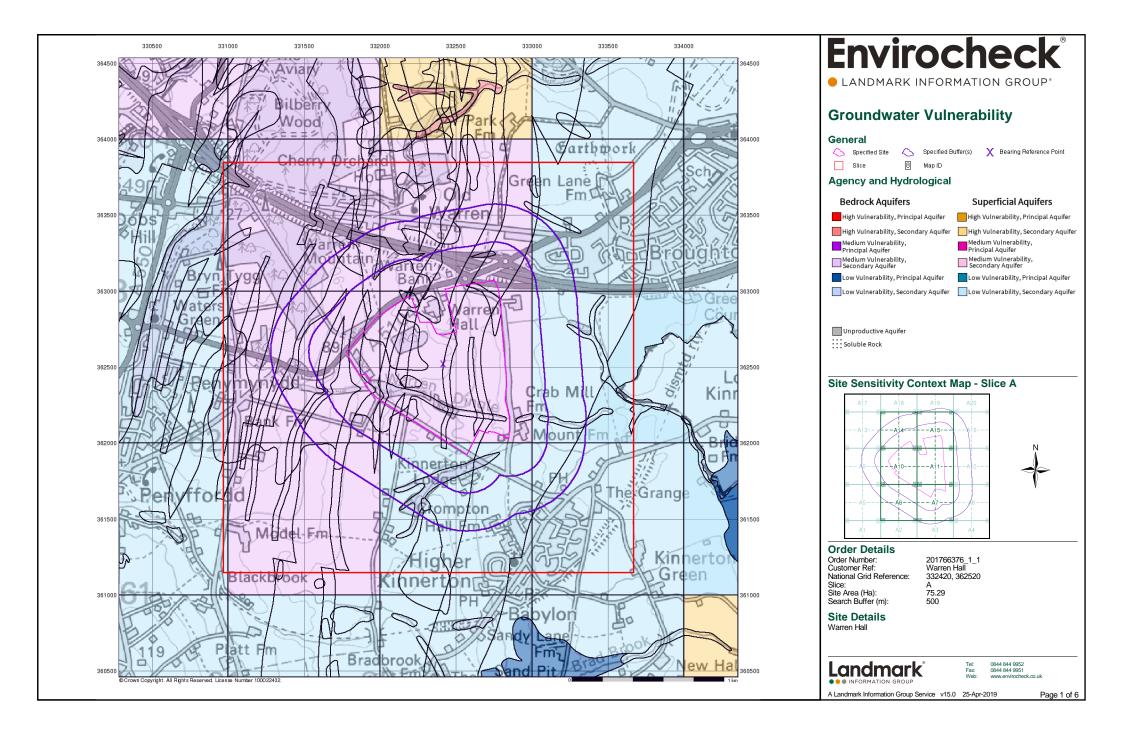
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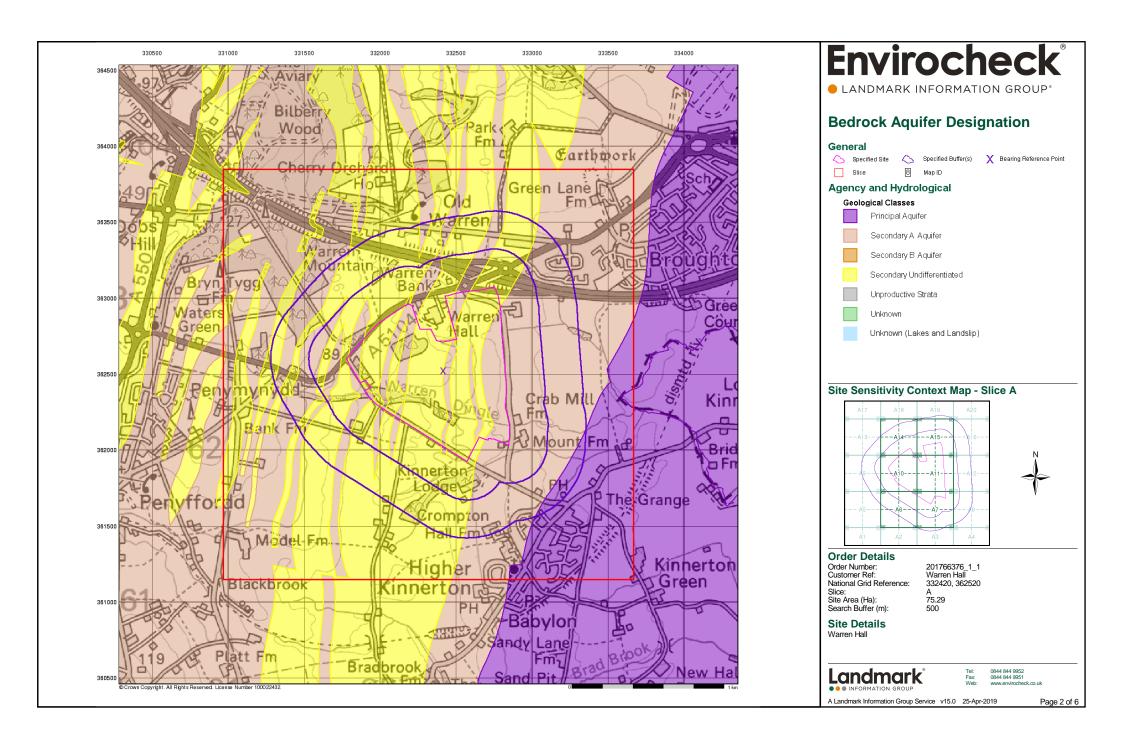


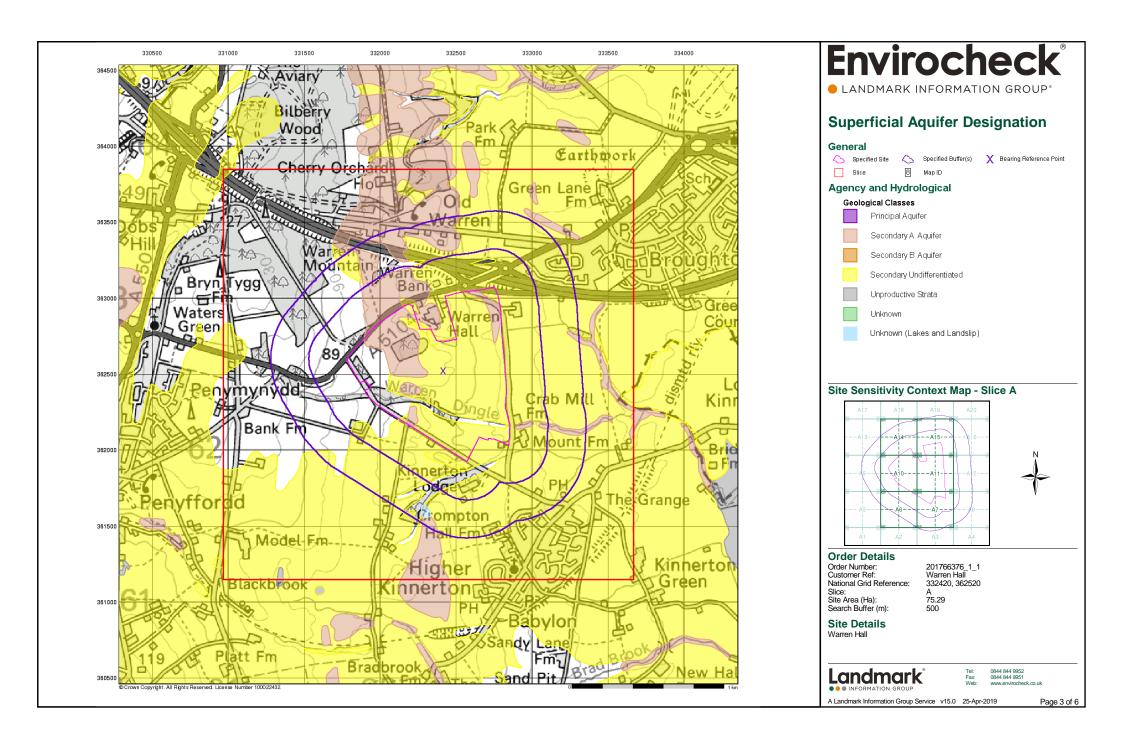


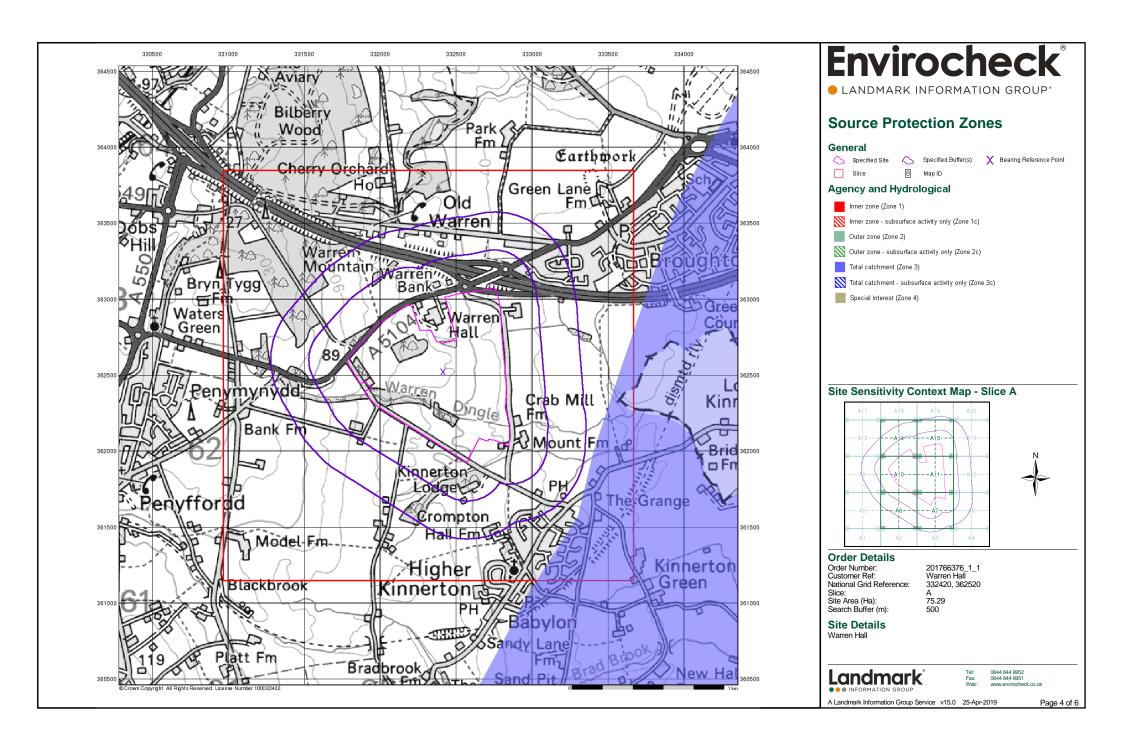
APPENDIX E - ENVIROCHECK REPORT

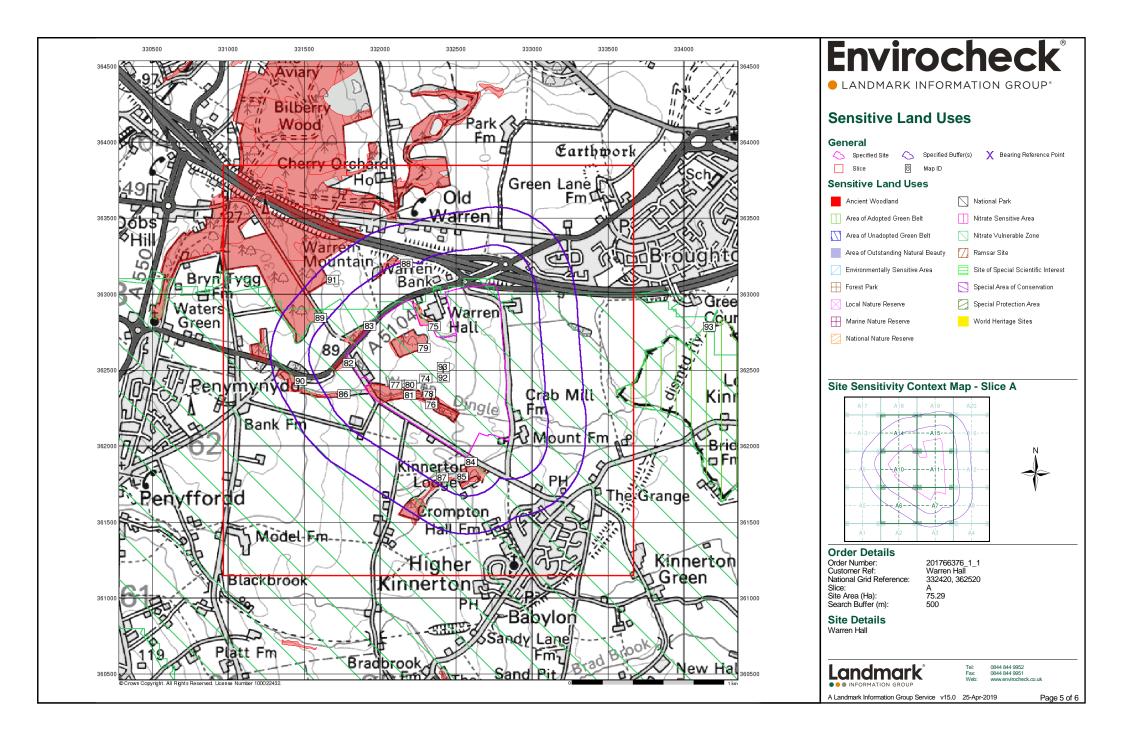
Part 2

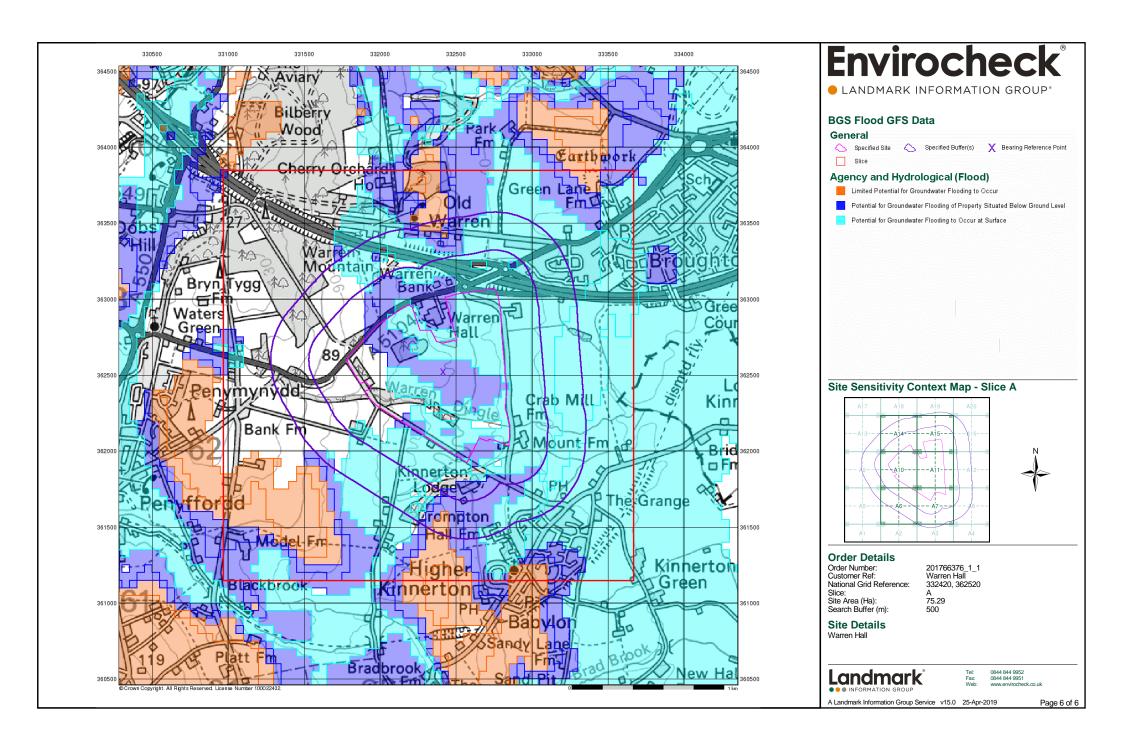














Envirocheck® Report:

Datasheet

Order Details:

Order Number:

201766376_1_1

Customer Reference:

Warren Hall

National Grid Reference:

332420, 362520

Slice:

Α

Site Area (Ha):

75.29

Search Buffer (m):

500

Site Details:

Warren Hall

Client Details:

Mr A Lamb WYG Engineering Ltd Quay West Trafford Wharf Road Trafford Park Manchester M17 1HH



Order Number: 201766376_1_1 Date: 25-Apr-2019 rpr_ec_datasheet v53.0 A Landmark Information Group Service





Report Section	Page Number
Summary	-
Agency & Hydrological	1
Waste	27
Hazardous Substances	-
Geological	29
Industrial Land Use	34
Sensitive Land Use	35
Data Currency	37
Data Suppliers	42
Useful Contacts	43

Introduction

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

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

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

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Report Version v53.0



Summary

Data Type	Page Number	On Site	0 to 250m	251 to 500m (*up to 1000m)
Agency & Hydrological				
BGS Groundwater Flooding Susceptibility	pg 1	Yes	Yes	Yes
Contaminated Land Register Entries and Notices				
Discharge Consents	pg 2		5	2
Prosecutions Relating to Controlled Waters			n/a	n/a
Enforcement and Prohibition Notices				
Integrated Pollution Controls				
Integrated Pollution Prevention And Control				
Local Authority Integrated Pollution Prevention And Control				
Local Authority Pollution Prevention and Controls				
Local Authority Pollution Prevention and Control Enforcements				
Nearest Surface Water Feature	pg 4	Yes		
Pollution Incidents to Controlled Waters	pg 4			1
Prosecutions Relating to Authorised Processes				
Registered Radioactive Substances				
River Quality				
River Quality Biology Sampling Points				
River Quality Chemistry Sampling Points				
Substantiated Pollution Incident Register				
Water Abstractions	pg 4		2	(*3)
Water Industry Act Referrals				
Groundwater Vulnerability Map	pg 5	Yes	n/a	n/a
Bedrock Aquifer Designations	pg 19	Yes	n/a	n/a
Superficial Aquifer Designations	pg 19	Yes	n/a	n/a
Source Protection Zones				
Extreme Flooding from Rivers or Sea without Defences				n/a
Flooding from Rivers or Sea without Defences				n/a
Areas Benefiting from Flood Defences				n/a
Flood Water Storage Areas				n/a
Flood Defences				n/a
OS Water Network Lines	pg 20	1	36	20

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Data Type	Page Number	On Site	0 to 250m	251 to 500m (*up to 1000m)
Waste				
BGS Recorded Landfill Sites				
Historical Landfill Sites	pg 27	1		1
Integrated Pollution Control Registered Waste Sites				
Licensed Waste Management Facilities (Landfill Boundaries)				
Licensed Waste Management Facilities (Locations)	pg 27		1	
Local Authority Landfill Coverage	pg 27	1	n/a	n/a
Local Authority Recorded Landfill Sites				
Registered Landfill Sites	pg 27	2		
Registered Waste Transfer Sites				
Registered Waste Treatment or Disposal Sites				
Hazardous Substances				
Control of Major Accident Hazards Sites (COMAH)				
Explosive Sites				
Notification of Installations Handling Hazardous Substances (NIHHS)				
Planning Hazardous Substance Consents				
Planning Hazardous Substance Enforcements				
Geological				
BGS 1:625,000 Solid Geology	pg 29	Yes	n/a	n/a
BGS Recorded Mineral Sites	pg 29		2	1
CBSCB Compensation District			n/a	n/a
Coal Mining Affected Areas			n/a	n/a
Mining Instability			n/a	n/a
Man-Made Mining Cavities				
Natural Cavities				
Non Coal Mining Areas of Great Britain	pg 29	Yes		n/a
Potential for Collapsible Ground Stability Hazards	pg 29	Yes		n/a
Potential for Compressible Ground Stability Hazards	pg 30	Yes	Yes	n/a
Potential for Ground Dissolution Stability Hazards				n/a
Potential for Landslide Ground Stability Hazards	pg 30	Yes	Yes	n/a
Potential for Running Sand Ground Stability Hazards	pg 30	Yes	Yes	n/a
Potential for Shrinking or Swelling Clay Ground Stability Hazards	pg 31	Yes		n/a
Radon Potential - Radon Affected Areas	pg 32	Yes	n/a	n/a
Radon Potential - Radon Protection Measures	pg 32	Yes	n/a	n/a

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Summary

Data Type	Page Number	On Site	0 to 250m	251 to 500m (*up to 1000m)
Industrial Land Use				
Contemporary Trade Directory Entries	pg 34			2
Fuel Station Entries				
Gas Pipelines				
Underground Electrical Cables				
Sensitive Land Use				
Ancient Woodland	pg 35	8	7	3
Areas of Adopted Green Belt				
Areas of Unadopted Green Belt				
Areas of Outstanding Natural Beauty				
Environmentally Sensitive Areas				
Forest Parks				
Local Nature Reserves				
Marine Nature Reserves				
National Nature Reserves				
National Parks				
Nitrate Sensitive Areas				
Nitrate Vulnerable Zones	pg 36	2		
Ramsar Sites				
Sites of Special Scientific Interest				
Special Areas of Conservation				
Special Protection Areas				
World Heritage Sites				



Agency & Hydrological

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding to Occur at Surface	A11NW (N)	0	1	332415 362600
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	A10SE (S)	0	1	332300 362200
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	A7NW (S)	0	1	332415 362150
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	A7NW (SE)	0	1	332650 362100
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding to Occur at Surface	A11SW (SW)	0	1	332350 362450
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	A11NW (SE)	0	1	332415 362521
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding to Occur at Surface	A7NW (S)	78	1	332600 361850
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	A14SE (NW)	91	1	332000 362950
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	A7SW (S)	123	1	332500 361800
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	A15NE (NE)	160	1	332850 363200
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	A7SW (S)	235	1	332415 361700
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding to Occur at Surface	A8NW (SE)	238	1	333000 361850
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding to Occur at Surface	A12NW (E)	255	1	333150 362521
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	A15NW (N)	258	1	332415 363300
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	A7SW (S)	281	1	332400 361700
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding to Occur at Surface	A7SW (S)	308	1	332350 361700
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	A15NW (N)	314	1	332415 363350
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding to Occur at Surface	A14NE (NW)	321	1	332050 363250
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	A14NE (NW)	342	1	332000 363250
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	A7SW (S)	346	1	332415 361600
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	A7SW (S)	351	1	332350 361650
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	A15NW (N)	372	1	332415 363400

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Map ID		Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	BGS Groundwater I Flooding Type:	Flooding Susceptibility Potential for Groundwater Flooding to Occur at Surface	A6SE (S)	377	1	332300 361650
	BGS Groundwater I Flooding Type:	Flooding Susceptibility Potential for Groundwater Flooding to Occur at Surface	A8NW (SE)	377	1	333250 362000
	BGS Groundwater I Flooding Type:	Flooding Susceptibility Potential for Groundwater Flooding of Property Situated Below Ground Level	A15NW (N)	382	1	332400 363400
	BGS Groundwater I Flooding Type:	Flooding Susceptibility Potential for Groundwater Flooding to Occur at Surface	A6NW (SW)	407	1	331700 362000
	BGS Groundwater I Flooding Type:	Flooding Susceptibility Potential for Groundwater Flooding of Property Situated Below Ground Level	A15NW (N)	421	1	332415 363450
	BGS Groundwater I Flooding Type:	Flooding Susceptibility Potential for Groundwater Flooding of Property Situated Below Ground Level	A14NE (N)	424	1	332250 363400
	BGS Groundwater I Flooding Type:	Flooding Susceptibility Limited Potential for Groundwater Flooding to Occur	A15NW (N)	431	1	332400 363450
	BGS Groundwater I Flooding Type:	Flooding Susceptibility Potential for Groundwater Flooding of Property Situated Below Ground Level	A6NW (SW)	443	1	331700 361950
	BGS Groundwater I Flooding Type:	Flooding Susceptibility Potential for Groundwater Flooding of Property Situated Below Ground Level	A6SE (S)	462	1	332300 361550
	BGS Groundwater I Flooding Type:	Flooding Susceptibility Potential for Groundwater Flooding of Property Situated Below Ground Level	A15NW (N)	463	1	332450 363500
	BGS Groundwater I Flooding Type:	Flooding Susceptibility Potential for Groundwater Flooding of Property Situated Below Ground Level	A14NE (N)	470	1	332250 363450
	BGS Groundwater I Flooding Type:	Flooding Susceptibility Potential for Groundwater Flooding of Property Situated Below Ground Level	A14NW (NW)	480	1	331750 363250
1	Discharge Consent Operator: Property Type: Location: Authority: Catchment Area: Reference: Permit Version: Effective Date: Issued Date: Revocation Date: Discharge Type: Discharge Environment: Receiving Water: Status: Positional Accuracy:	Warren Hall Court Management Co Ltd Domestic Property (Multiple) Warren Farm Development Broughton, Chester, England Natural Resources Wales PULFORD BROOK Cm0163301 5 31st August 2002 30th August 2002 Not Supplied Sewage Discharges - Final/Treated Effluent - Not Water Company Freshwater Stream/River Tributary Of Brad Brook Effective Located by supplier to within 10m	A15SW (N)	57	2	332370 363010
1	Discharge Consent Operator: Property Type: Location: Authority: Catchment Area: Reference: Permit Version: Effective Date: Issued Date: Revocation Date: Discharge Type: Discharge Environment: Receiving Water: Status:	Warren Hall Court Management Co Ltd Domestic Property (Multiple) Warren Farm Development Broughton, Chester, England Natural Resources Wales River Dee CM0163301 4 31st December 1996 30th December 1996 30th August 2002 Sewage Discharges - Final/Treated Effluent - Not Water Company Not Supplied Tributary Of Brad Brook Modified (Water Resources Act 1991, Schedule 10 as amended by Environment Act 1995) Located by supplier to within 100m	A15SW (N)	57	2	332370 363010



Agency & Hydrological

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Map ID		Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
1	Discharge Consents Operator: Property Type: Location: Authority: Catchment Area: Reference: Permit Version: Effective Date: Issued Date: Revocation Date: Discharge Type: Discharge Environment: Receiving Water: Status: Positional Accuracy:	Warren Hall Court Management Co Ltd Domestic Property (Multiple) Warren Farm Development Broughton, Chester, England Natural Resources Wales River Dee Cm0163301 3 3rd June 1994 3rd June 1994 30th December 1996 Unspecified Not Supplied Tributary Of Brad Brook Authorisation revoked Located by supplier to within 10m	A15SW (N)	57	2	332370 363010
1	Discharge Consents Operator: Property Type: Location: Authority: Catchment Area: Reference: Permit Version: Effective Date: Issued Date: Revocation Date: Discharge Type: Discharge Type: Discharge Type: Status: Positional Accuracy:	Warren Hall Court Management Co Ltd Domestic Property (Multiple) Warren Farm Development Broughton, Chester, England Natural Resources Wales River Dee Cm0163301 2 27th July 1992 27th July 1992 27th July 1994 Unspecified Not Supplied Tributary Of Brad Brook Authorisation revoked Located by supplier to within 10m	A15SW (N)	57	2	332370 363010
1	Discharge Consents Operator: Property Type: Location: Authority: Catchment Area: Reference: Permit Version: Effective Date: Issued Date: Revocation Date: Discharge Type: Discharge Environment: Receiving Water: Status: Positional Accuracy:	Warren Hall Court Management Co Ltd Domestic Property (Multiple) Warren Farm Development Broughton, Chester, England Natural Resources Wales River Dee Cm0163301 1 9th November 1988 9th November 1988 26th July 1992 Unspecified Not Supplied Tributary Of Brad Brook Authorisation revoked Located by supplier to within 10m	A15SW (N)	57	2	332370 363010
2	Discharge Consents Operator: Property Type: Location: Authority: Catchment Area: Reference: Permit Version: Effective Date: Issued Date: Revocation Date: Discharge Type: Discharge Environment: Receiving Water: Status: Positional Accuracy:	Kinnerton Propery Management Limited Domestic Property (Multiple) Plots 1 To 5 Kinnerton Lane, Higher Kinnerton, Flintshire, Ch7 4ed Natural Resources Wales Not Supplied Cg0427401 1 1st February 2005 30th November 2004 15th September 2009 Sewage Discharges - Final/Treated Effluent - Not Water Company Freshwater Stream/River Trib Of Brad Brook Revoked (Water Resources Act 1991, Section 88 & Schedule 10 as amended by Environment Act 1995) Located by supplier to within 10m	A8SW (SE)	491	2	333102 361613



Agency & Hydrological

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Map ID		Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
3	Discharge Consent Operator: Property Type: Location: Authority: Catchment Area: Reference: Permit Version: Effective Date: Issued Date: Revocation Date: Discharge Type: Discharge Environment: Receiving Water: Status: Positional Accuracy:	Alyn & Deeside District Council Undefined Or Other Residential Devmt Higher Kinnerto, Higher Kinnerton Natural Resources Wales River Dee Cm0064201 1 17th February 1971 17th February 1971 5th April 1995 Unspecified Not Supplied Un-Named Trib./Moor Drain-Pulf Consent expired Located by supplier to within 10m	A8NE (SE)	500	2	333330 361900
	Nearest Surface Wa	ater Feature	A11SW (S)	0	-	332333 362289
4	Property Type: Location: Authority: Pollutant: Note: Incident Date: Incident Reference: Catchment Area: Receiving Water: Cause of Incident: Incident Severity:	to Controlled Waters Not Given Adjacent To Playing Fields, BROUGHTON Environment Agency, Welsh Region Farm Effluent/Slurry River Dee 11th August 1997 33726 Not Given Not Given Unknown Category 3 - Minor Incident Located by supplier to within 100m	A16SW (NE)	333	3	333100 363100
5	Water Abstractions Operator: Licence Number: Permit Version: Location: Authority: Abstraction Type: Source: Daily Rate (m3): Yearly Rate (m3): Details: Authorised Start: Authorised End: Permit Start Date: Permit End Date: Positional Accuracy:	Mr E Moore 24/67/9/0095 100 Borehole Environment Agency, Welsh Region General Farming And Domestic Water may be abstracted from a single point Groundwater Not Supplied Not Supplied Not Supplied 01 January 31 December 23rd May 1967 Not Supplied Located by supplier to within 100m	A7NE (SE)	30	3	332880 362100
6	Water Abstractions Operator: Licence Number: Permit Version: Location: Authority: Abstraction Type: Source: Daily Rate (m3): Yearly Rate (m3): Details: Authorised Start: Authorised Start: Authorised End: Permit Start Date: Permit End Date: Positional Accuracy:	Mr D H Maxwell 24/67/9/0049 Not Supplied Location Description Not Available Environment Agency, Welsh Region General Industrial Not Supplied Groundwater 0 832 Not Supplied Located by supplier to within 100m	A15SW (N)	137	3	332320 363100



Agency & Hydrological

Map ID		Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	Water Abstractions					
	Operator: Licence Number: Permit Version: Location:	Mr S Handley 24/67/9/0029 100 Borehole	A8SE (SE)	754	3	333400 361520
	Authority: Abstraction: Abstraction Type: Source: Daily Rate (m3): Yearly Rate (m3): Details: Authorised Start: Authorised End: Permit Start Date: Permit End Date:	Environment Agency, Welsh Region General Farming And Domestic Water may be abstracted from a single point Groundwater Not Supplied Not Supplied Not Supplied O1 January 31 December 29th March 1966 Not Supplied				
	Positional Accuracy:	Located by supplier to within 100m				
	Water Abstractions					
	Operator: Licence Number: Permit Version: Location: Authority: Abstraction Type: Source: Daily Rate (m3): Yearly Rate (m3): Details: Authorised Start: Authorised Start: Authorised End: Permit Start Date: Permit End Date: Positional Accuracy:	Mr J H Mullock 24/67/9/0117 Not Supplied Location Description Not Available Environment Agency, Welsh Region Agriculture (General) Not Supplied Well And Borehole Not Supplied Located by supplier to within 100m	(E)	898	3	333750 362221
	Water Abstractions					
		Mr D Crow 24/67/10/0007 100 Well Environment Agency, Welsh Region General Farming And Domestic Water may be abstracted from a single point Groundwater Not Supplied Not Supplied Not Supplied Not Supplied 10 January 31 December 5th July 1966 Not Supplied Located by supplier to within 100m	A19NW (N)	968	3	332550 364020
	Groundwater Vulne Combined	Secondary Bedrock Aquifer - Medium Vulnerability	A15SW	0	2	332590
	Combined Classification: Combined Vulnerability: Combined Aquifer: Pollutant Speed: Bedrock Flow: Dilution: Baseflow Index: Superficial Patchiness: Superficial Thickness: Superficial Recharge:	Medium Productive Bedrock Aquifer, Productive Superficial Aquifer Low Well Connected Fractures 300-550 mm/year <40% <90% 3-10m High	(N)	U	2	332590 363026

Order Number: 201766376_1_1 Date: 25-Apr-2019 rpr_ec_datasheet v53.0 A Landmark Information Group Service



Map ID		Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	Groundwater Vulne	erability Map				
	Combined Classification:	Secondary Bedrock Aquifer - Medium Vulnerability	A15SW (N)	0	2	332586 363028
	Combined Vulnerability:	Medium	(.,)			
	Combined Aquifer: Pollutant Speed: Bedrock Flow: Dilution: Baseflow Index:	Productive Bedrock Aquifer, Productive Superficial Aquifer Low Well Connected Fractures 300-550 mm/year <40%				
	Superficial Patchiness:	<90%				
	Superficial Thickness:	3-10m				
	Superficial Recharge:	High				
	Groundwater Vulne	• •				
	Combined Classification:	Secondary Bedrock Aquifer - Medium Vulnerability	A15SW (N)	0	2	332571 363000
	Combined Vulnerability:	Medium				
	Combined Aquifer: Pollutant Speed: Bedrock Flow:	Productive Bedrock Aquifer, Productive Superficial Aquifer Low Well Connected Fractures				
	Dilution: Baseflow Index: Superficial Patchiness:	300-550 mm/year <40% <90%				
	Superficial Thickness:	3-10m				
	Superficial Recharge:	High				
	Groundwater Vulne	erability Map				
	Combined Classification:	Secondary Bedrock Aquifer - Medium Vulnerability	A15SW (N)	0	2	332415 363000
	Combined Vulnerability:	Medium	(14)			000000
	Combined Aquifer: Pollutant Speed: Bedrock Flow:	Productive Bedrock Aquifer, Productive Superficial Aquifer Low Well Connected Fractures				
	Dilution: Baseflow Index:	300-550 mm/year <40%				
	Superficial Patchiness: Superficial	<90% 3-10m				
	Thickness: Superficial Recharge:	High				
	Groundwater Vulne	erability Map				
	Combined Classification:	Secondary Bedrock Aquifer - Medium Vulnerability	A15SW (N)	0	2	332598 363051
	Combined Vulnerability:	Medium				
	Combined Aquifer: Pollutant Speed: Bedrock Flow:	Productive Bedrock Aquifer, Productive Superficial Aquifer Low Well Connected Fractures				
	Dilution: Baseflow Index: Superficial	300-550 mm/year <40% <90%				
	Patchiness: Superficial	3-10m				
	Thickness: Superficial Recharge:	High				



Map ID		Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	Groundwater Vulne	erability Map				
	Combined Classification:	Secondary Bedrock Aquifer - Medium Vulnerability	A15SW (N)	0	2	332481 363000
	Combined Vulnerability:	Medium	(,			00000
	Combined Aquifer: Pollutant Speed: Bedrock Flow:	Productive Bedrock Aquifer, Productive Superficial Aquifer Low				
	Dilution: Baseflow Index:	Well Connected Fractures 300-550 mm/year <40%				
	Superficial Patchiness:	<90%				
	Superficial Thickness: Superficial	3-10m High				
	Recharge:	ingii				
	Groundwater Vulne					
	Combined Classification:	Secondary Superficial Aquifer - Low Vulnerability .	A7NW (S)	0	2	332402 362000
	Combined Vulnerability: Combined Aquifer:	Low Productive Bedrock Aguifer, Productive Superficial Aguifer				
	Pollutant Speed: Bedrock Flow:	Low Well Connected Fractures				
	Dilution: Baseflow Index:	300-550 mm/year <40%				
	Superficial Patchiness: Superficial	>90% <3m				
	Thickness: Superficial	Low				
	Recharge:					
	Groundwater Vulne	erability Map				
	Combined Classification:	Secondary Bedrock Aquifer - Medium Vulnerability	A10NE (W)	0	2	332000 362668
	Combined Vulnerability: Combined Aquifer:	Medium Productive Bedrock Aquifer, Productive Superficial Aquifer				
	Pollutant Speed: Bedrock Flow:	Low Well Connected Fractures				
	Dilution: Baseflow Index:	300-550 mm/year <40%				
	Superficial Patchiness:	<90% <3m				
	Superficial Thickness: Superficial	No Data				
	Recharge:					
	Groundwater Vulne					
	Combined Classification:	Secondary Bedrock Aquifer - Medium Vulnerability	A14SE (NW)	0	2	332192 362947
	Combined Vulnerability:	Medium Productive Productive Productive Superficial Aquifor				
	Combined Aquifer: Pollutant Speed: Bedrock Flow:	Productive Bedrock Aquifer, Productive Superficial Aquifer Low Well Connected Fractures				
	Dilution: Baseflow Index:	300-550 mm/year <40%				
	Superficial Patchiness:	<90%				
	Superficial Thickness: Superficial	3-10m				
	Recharge:	High				



Map ID		Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	Groundwater Vulne	erability Map				
	Combined	Secondary Bedrock Aquifer - Medium Vulnerability	A14SE	0	2	332159
	Classification:	A. P	(NW)			362937
	Combined Vulnerability:	Medium				
	Combined Aquifer:	Productive Bedrock Aquifer, Productive Superficial Aquifer				
	Pollutant Speed: Bedrock Flow:	Low Well Connected Fractures				
	Dilution:	300-550 mm/year				
	Baseflow Index: Superficial	<40% <90%				
	Patchiness:					
	Superficial Thickness:	3-10m				
	Superficial	High				
	Recharge:	•				
	Groundwater Vulne	erability Map				
	Combined	Secondary Bedrock Aquifer - Medium Vulnerability	A10SE	0	2	332237
	Classification: Combined	Medium	(SW)			362283
	Vulnerability:					
	Combined Aquifer: Pollutant Speed:	Productive Bedrock Aquifer, Productive Superficial Aquifer Low				
	Bedrock Flow:	Well Connected Fractures				
	Dilution: Baseflow Index:	300-550 mm/year <40%				
	Superficial	<40% <90%				
	Patchiness:	0.40				
	Superficial Thickness:	3-10m				
	Superficial	High				
	Recharge:					
	Groundwater Vulne		44005			000450
	Combined Classification:	Secondary Bedrock Aquifer - Medium Vulnerability	A10SE (SW)	0	2	332153 362373
	Combined	Medium	(011)			
	Vulnerability: Combined Aquifer:	Productive Bedrock Aquifer, Productive Superficial Aquifer				
	Pollutant Speed:	Low				
	Bedrock Flow: Dilution:	Well Connected Fractures 300-550 mm/year				
	Baseflow Index:	<40%				
	Superficial Patchiness:	<90%				
	Superficial	3-10m				
	Thickness:	Link				
	Superficial Recharge:	High				
-	Groundwater Vulne	erability Map				
	Combined	Secondary Bedrock Aquifer - Medium Vulnerability	A10SE	0	2	332264
	Classification:	, , ,	(SW)		_	362402
	Combined Vulnerability:	Medium				
	Combined Aquifer:	Productive Bedrock Aquifer, Productive Superficial Aquifer				
	Pollutant Speed: Bedrock Flow:	Low Well Connected Fractures				
	Dilution:	300-550 mm/year				
	Baseflow Index: Superficial	<40% <90%				
	Patchiness:	NOV /0				
	Superficial	3-10m				
	Thickness: Superficial	High				
	Recharge:	J				



Map ID		Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	Groundwater Vulne	erability Map				
	Combined	Secondary Bedrock Aquifer - Medium Vulnerability	A15SE	0	2	332732
	Classification:		(NE)			362846
	Combined Vulnerability:	Medium				
	Combined Aquifer:	Productive Bedrock Aquifer, Productive Superficial Aquifer				
	Pollutant Speed: Bedrock Flow:	Low Well Connected Fractures				
	Dilution:	300-550 mm/year				
	Baseflow Index:	<40%				
	Superficial Patchiness:	<90%				
	Superficial	3-10m				
	Thickness: Superficial	High				
	Recharge:	riigii				
	Groundwater Vulne	erability Map				
	Combined	Secondary Bedrock Aquifer - Medium Vulnerability	A10NE	0	2	332315
	Classification: Combined	Medium	(W)			362504
	Vulnerability:	Mediaiti				
	Combined Aquifer:	Productive Bedrock Aquifer, Productive Superficial Aquifer				
	Pollutant Speed: Bedrock Flow:	Low Well Connected Fractures				
	Dilution:	300-550 mm/year				
	Baseflow Index: Superficial	<40% <90%				
	Patchiness:	<90%				
	Superficial	3-10m				
	Thickness: Superficial	High				
	Recharge:	· iigii				
	Groundwater Vulne	erability Map				
	Combined	Secondary Bedrock Aquifer - Medium Vulnerability	A10NE	0	2	332127
	Classification: Combined	Medium	(W)			362578
	Vulnerability:					
	Combined Aquifer: Pollutant Speed:	Productive Bedrock Aquifer, Productive Superficial Aquifer Low				
	Bedrock Flow:	Well Connected Fractures				
	Dilution:	300-550 mm/year				
	Baseflow Index: Superficial	<40% <90%				
	Patchiness:					
	Superficial Thickness:	3-10m				
	Superficial	High				
	Recharge:					
	Groundwater Vulne	• •				
	Combined Classification:	Secondary Bedrock Aquifer - Medium Vulnerability	A10NE (W)	0	2	332037 362622
	Combined	Medium	((v v)			302022
	Vulnerability:	Productive Bedrock Aquifer, Productive Superficial Aquifer				
	Combined Aquifer: Pollutant Speed:	Low				
	Bedrock Flow:	Well Connected Fractures				
	Dilution: Baseflow Index:	300-550 mm/year <40%				
	Superficial	<90%				
	Patchiness:	3 10m				
	Superficial Thickness:	3-10m				
	Superficial	High				
	Recharge:					



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Map ID		Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	Groundwater Vulne	erability Map				
	Combined Classification:	Secondary Bedrock Aquifer - Medium Vulnerability	A14SE (NW)	0	2	332241 362892
	Combined Vulnerability:	Medium	(****)			
	Combined Aquifer: Pollutant Speed: Bedrock Flow: Dilution: Baseflow Index:	Productive Bedrock Aquifer, Productive Superficial Aquifer Low Well Connected Fractures 300-550 mm/year <40%				
	Superficial Patchiness:	<90%				
	Superficial Thickness: Superficial	3-10m High				
	Recharge:					
	Groundwater Vulne	• •				
	Combined Classification: Combined	Secondary Bedrock Aquifer - Medium Vulnerability Medium	A10SE (W)	0	2	332178 362443
	Vulnerability: Combined Aquifer:	Productive Bedrock Aquifer, Productive Superficial Aquifer				
	Pollutant Speed: Bedrock Flow: Dilution:	Low Well Connected Fractures 300-550 mm/year				
	Baseflow Index: Superficial Patchiness:	<40% <90%				
	Superficial Thickness:	3-10m				
	Superficial Recharge:	High				
	Groundwater Vulne	erability Map				
	Combined Classification:	Secondary Bedrock Aquifer - Medium Vulnerability	A10NE (W)	0	2	332188 362536
	Combined Vulnerability:	Medium				
	Combined Aquifer: Pollutant Speed: Bedrock Flow: Dilution:	Productive Bedrock Aquifer, Productive Superficial Aquifer Low Well Connected Fractures				
	Baseflow Index: Superficial	300-550 mm/year <40% <90%				
	Patchiness: Superficial Thickness:	3-10m				
	Superficial Recharge:	High				
	Groundwater Vulne	erability Map				
	Combined Classification:	Secondary Bedrock Aquifer - Medium Vulnerability	A10NE (W)	0	2	332083 362610
	Combined Vulnerability:	Medium Productive Productive Productive Connecticit Assistan				
	Combined Aquifer: Pollutant Speed: Bedrock Flow:	Productive Bedrock Aquifer, Productive Superficial Aquifer Low Well Connected Fractures				
	Dilution: Baseflow Index: Superficial	300-550 mm/year <40% <90%				
	Patchiness: Superficial	3-10m				
	Thickness: Superficial Recharge:	High				

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Map ID		Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	Groundwater Vulne	erability Map				
	Combined Classification:	Secondary Bedrock Aquifer - Medium Vulnerability	A14SE (NW)	0	2	332245 362859
	Combined Vulnerability:	Medium				
	Combined Aquifer: Pollutant Speed: Bedrock Flow: Dilution: Baseflow Index: Superficial	Productive Bedrock Aquifer, Productive Superficial Aquifer Low Well Connected Fractures 300-550 mm/year <40% <90%				
	Patchiness: Superficial	3-10m				
	Thickness: Superficial Recharge:	High				
	Groundwater Vulne	erability Map				
	Combined Classification: Combined	Secondary Bedrock Aquifer - Medium Vulnerability Medium	A11SW (S)	0	2	332473 362195
	Vulnerability: Combined Aquifer: Pollutant Speed:	Productive Bedrock Aquifer, Productive Superficial Aquifer Low				
	Bedrock Flow: Dilution: Baseflow Index: Superficial	Well Connected Fractures 300-550 mm/year <40% <90%				
	Patchiness: Superficial Thickness:	3-10m				
	Superficial Recharge:	High				
	Groundwater Vulne	erability Map				
	Combined Classification:	Secondary Bedrock Aquifer - Medium Vulnerability	A10SE (SW)	0	2	332277 362287
	Combined Vulnerability: Combined Aquifer:	Medium Productive Bedrock Aquifer, Productive Superficial Aquifer				
	Pollutant Speed: Bedrock Flow: Dilution:	Low Well Connected Fractures 300-550 mm/year				
	Baseflow Index: Superficial Patchiness:	<40% <90%				
	Superficial Thickness: Superficial	3-10m High				
	Recharge:					
	Groundwater Vulne Combined	erability Map Secondary Bedrock Aquifer - Medium Vulnerability	A10SE	0	2	332166
	Classification: Combined	Medium	(SW)		<u> </u>	362356
	Vulnerability: Combined Aquifer: Pollutant Speed:	Productive Bedrock Aquifer, Productive Superficial Aquifer Low				
	Bedrock Flow: Dilution: Baseflow Index:	Well Connected Fractures 300-550 mm/year <40%				
	Superficial Patchiness: Superficial	<90% 3-10m				
	Thickness: Superficial Recharge:	High				



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Map ID		Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	Groundwater Vulne	erability Map				
	Combined Classification:	Secondary Bedrock Aquifer - Medium Vulnerability	A10NE (NW)	0	2	332171 362815
	Combined Vulnerability:	Medium	(****)			
	Combined Aquifer: Pollutant Speed: Bedrock Flow: Dilution: Baseflow Index:	Productive Bedrock Aquifer, Productive Superficial Aquifer Low Well Connected Fractures 300-550 mm/year <40%				
	Superficial Patchiness:	<90%				
	Superficial Thickness:	3-10m				
	Superficial Recharge:	High				
	Groundwater Vulne	erability Map				
	Combined Classification:	Secondary Bedrock Aquifer - Medium Vulnerability	A14SE (NW)	0	2	332125 362863
	Combined Vulnerability:	Medium	()			002000
	Combined Aquifer: Pollutant Speed: Bedrock Flow:	Productive Bedrock Aquifer, Productive Superficial Aquifer Low Well Connected Fractures				
	Dilution: Baseflow Index: Superficial	300-550 mm/year <40% <90%				
	Patchiness: Superficial Thickness:	3-10m				
	Superficial Recharge:	High				
	Groundwater Vulne	erability Map				
	Combined Classification:	Secondary Bedrock Aquifer - Medium Vulnerability	A11NW (SE)	0	2	332415 362521
	Combined Vulnerability:	Medium	(02)			002021
	Combined Aquifer: Pollutant Speed:	Productive Bedrock Aquifer, Productive Superficial Aquifer Low				
	Bedrock Flow: Dilution: Baseflow Index:	Well Connected Fractures 300-550 mm/year <40%				
	Superficial Patchiness: Superficial	<90% 3-10m				
	Thickness: Superficial	High				
	Recharge:					
	Groundwater Vulne Combined	erability Map Secondary Bedrock Aquifer - Medium Vulnerability	A15SE	0	2	332787
	Classification: Combined	Medium	(NE)		_	362941
	Vulnerability: Combined Aquifer:	Productive Bedrock Aquifer, Productive Superficial Aquifer				
	Pollutant Speed: Bedrock Flow: Dilution:	Low Well Connected Fractures				
	Baseflow Index: Superficial	300-550 mm/year <40% <90%				
	Patchiness: Superficial	3-10m				
	Thickness: Superficial Recharge:	High				

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Map ID		Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	Groundwater Vulne	erability Map				
	Combined	Secondary Bedrock Aquifer - Medium Vulnerability	A10SE	0	2	332138
	Classification: Combined	Medium	(SW)			362207
	Vulnerability: Combined Aquifer:	Productive Bedrock Aquifer, Productive Superficial Aquifer				
	Pollutant Speed: Bedrock Flow:	Low Well Connected Fractures				
	Dilution:	300-550 mm/year				
	Baseflow Index:	<40%				
	Superficial Patchiness:	<90%				
	Superficial	3-10m				
	Thickness:					
	Superficial Recharge:	High				
	Groundwater Vulne	erability Map				
	Combined	Secondary Bedrock Aquifer - Medium Vulnerability	A11SW	0	2	332639
	Classification: Combined	Medium	(SE)			362167
	Vulnerability:					
	Combined Aquifer:	Productive Bedrock Aquifer, Productive Superficial Aquifer				
	Pollutant Speed: Bedrock Flow:	Low Well Connected Fractures				
	Dilution:	300-550 mm/year				
	Baseflow Index:	<40%				
	Superficial	<90%				
	Patchiness: Superficial	3-10m				
	Thickness:					
	Superficial	High				
	Recharge:					
	Groundwater Vulne	erability Map				
	Combined	Secondary Bedrock Aquifer - Medium Vulnerability	A11NW	0	2	332578
	Classification: Combined	Medium	(E)			362524
	Vulnerability:	Medium				
	Combined Aquifer:	Productive Bedrock Aquifer, Productive Superficial Aquifer				
	Pollutant Speed:	Low				
	Bedrock Flow: Dilution:	Well Connected Fractures 300-550 mm/year				
	Baseflow Index:	<40%				
	Superficial	<90%				
	Patchiness: Superficial	3 10m				
	Thickness:	3-10m				
	Superficial	High				
	Recharge:					
	Groundwater Vulne Combined	erability Map Secondary Bedrock Aquifer - Medium Vulnerability	A11SW	0	2	222444
	Classification:	Secondary Bedrock Aquiler - Intedium vulnerability	(S)		۷	332444 362204
	Combined	Medium	(-/			
	Vulnerability:	Desducetive Desduced Assistan Desducet Co. C. 11A. 15				
	Combined Aquifer: Pollutant Speed:	Productive Bedrock Aquifer, Productive Superficial Aquifer Low				
	Bedrock Flow:	Well Connected Fractures				
	Dilution:	300-550 mm/year				
	Baseflow Index: Superficial	<40% <90%				
	Patchiness:	NO /0				
	Superficial	3-10m				
	Thickness:					
	Superficial	High				
	Recharge:					



Map ID		Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	Groundwater Vulne	erability Map				
	Combined Classification:	Secondary Bedrock Aquifer - Medium Vulnerability	A11NW (E)	0	2	332418 362520
	Combined Vulnerability:	Medium				
	Combined Aquifer: Pollutant Speed: Bedrock Flow: Dilution: Baseflow Index:	Productive Bedrock Aquifer, Productive Superficial Aquifer Low Well Connected Fractures 300-550 mm/year <40%				
	Superficial Patchiness:	<90%				
	Superficial Thickness:	3-10m				
	Superficial Recharge:	High				
	Groundwater Vulne	erability Map				
	Combined Classification:	Secondary Bedrock Aquifer - Medium Vulnerability	A10SE (SW)	0	2	332168 362369
	Combined Vulnerability:	Medium				
	Combined Aquifer: Pollutant Speed: Bedrock Flow:	Productive Bedrock Aquifer, Productive Superficial Aquifer Low Well Connected Fractures				
	Dilution: Baseflow Index: Superficial Patchiness:	300-550 mm/year <40% <90%				
	Superficial Thickness:	3-10m				
	Superficial Recharge:	High				
	Groundwater Vulne	erability Map				
	Combined Classification:	Secondary Bedrock Aquifer - Medium Vulnerability	A10SE (W)	0	2	332183 362481
	Combined Vulnerability:	Medium	(**)			002101
	Combined Aquifer: Pollutant Speed: Bedrock Flow:	Productive Bedrock Aquifer, Productive Superficial Aquifer Low Well Connected Fractures				
	Dilution: Baseflow Index:	300-550 mm/year <40%				
	Superficial Patchiness: Superficial	<90% 3-10m				
	Thickness: Superficial Recharge:	High				
	Groundwater Vulne	erability Map				
	Combined Classification:	Secondary Bedrock Aquifer - Medium Vulnerability	A10NE (NW)	0	2	332230 362789
	Combined Vulnerability:	Medium	(,			
	Combined Aquifer: Pollutant Speed: Bedrock Flow:	Productive Bedrock Aquifer, Productive Superficial Aquifer Low Well Connected Fractures				
	Dilution: Baseflow Index:	300-550 mm/year <40%				
	Superficial Patchiness: Superficial	<90% 3-10m				
	Thickness: Superficial Recharge:	High				



Map ID		Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	Groundwater Vulne	erability Map				
	Combined	Secondary Bedrock Aquifer - Medium Vulnerability	A11NW	0	2	332480
	Classification: Combined	Medium	(N)			362767
	Vulnerability:					
	Combined Aquifer: Pollutant Speed:	Productive Bedrock Aquifer, Productive Superficial Aquifer Low				
	Bedrock Flow:	Well Connected Fractures				
	Dilution: Baseflow Index:	300-550 mm/year <40%				
	Superficial	<90%				
	Patchiness:					
	Superficial Thickness:	3-10m				
	Superficial	High				
	Recharge:					
	Groundwater Vulne	erability Map				
	Combined	Secondary Bedrock Aquifer - Medium Vulnerability	A11NE	0	2	332663
	Classification: Combined	Medium	(E)			362531
	Vulnerability:	Wedium				
	Combined Aquifer:	Productive Bedrock Aquifer, Productive Superficial Aquifer				
	Pollutant Speed: Bedrock Flow:	Low Well Connected Fractures				
	Dilution:	300-550 mm/year				
	Baseflow Index: Superficial	<40% <90%				
	Patchiness:	<90%				
	Superficial	3-10m				
	Thickness: Superficial	High				
	Recharge:	riigii				
	Groundwater Vulne	erability Map				
	Combined	Secondary Bedrock Aquifer - Medium Vulnerability	A11NE	0	2	332751
	Classification: Combined	Medium	(NE)			362710
	Vulnerability:	wedum				
	Combined Aquifer:	Productive Bedrock Aquifer, Productive Superficial Aquifer				
	Pollutant Speed: Bedrock Flow:	Low Well Connected Fractures				
	Dilution:	300-550 mm/year				
	Baseflow Index:	<40%				
	Superficial Patchiness:	<90%				
	Superficial	3-10m				
	Thickness: Superficial	High				
	Recharge:	riigii				
	Groundwater Vulne	erability Map				
	Combined	Secondary Bedrock Aquifer - Medium Vulnerability	A11SE	0	2	332737
	Classification:	Modium	(SE)			362189
	Combined Vulnerability:	Medium				
	Combined Aquifer:	Productive Bedrock Aquifer, No Superficial Aquifer				
	Pollutant Speed: Bedrock Flow:	Low Well Connected Fractures				
	Dilution:	300-550 mm/year				
	Baseflow Index:	<40%				
	Superficial Patchiness:	<90%				
	Superficial	3-10m				
	Thickness:	Ligh				
	Superficial Recharge:	High				



Map ID		Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	Groundwater Vulne	erability Map				
	Combined Classification:	Secondary Bedrock Aquifer - Medium Vulnerability	A10NE (W)	0	2	332000 362521
	Combined Vulnerability:	Medium	(**)			002021
	Combined Aquifer: Pollutant Speed: Bedrock Flow: Dilution: Baseflow Index: Superficial	Productive Bedrock Aquifer, No Superficial Aquifer Low Well Connected Fractures 300-550 mm/year <40% <90%				
	Patchiness: Superficial	<3m				
	Thickness: Superficial Recharge:	No Data				
	Groundwater Vulne	erability Map				
	Combined Classification: Combined	Secondary Bedrock Aquifer - Medium Vulnerability Medium	A10SW (W)	0	2	331870 362362
	Vulnerability: Combined Aquifer: Pollutant Speed: Bedrock Flow: Dilution: Baseflow Index:	Productive Bedrock Aquifer, No Superficial Aquifer Low Well Connected Fractures 300-550 mm/year <40%				
	Superficial Patchiness: Superficial	<90%				
	Thickness: Superficial Recharge:	No Data				
	Groundwater Vulne	erability Map				
	Combined Classification: Combined	Secondary Bedrock Aquifer - Medium Vulnerability Medium	A10SW (W)	0	2	331972 362358
	Vulnerability: Combined Aquifer: Pollutant Speed: Bedrock Flow:	Productive Bedrock Aquifer, No Superficial Aquifer Low Well Connected Fractures				
	Dilution: Baseflow Index: Superficial Patchiness:	300-550 mm/year <40% <90%				
	Superficial Thickness: Superficial Recharge:	<3m No Data				
	Groundwater Vulne	erability Map				
	Combined Classification:	Secondary Bedrock Aquifer - Medium Vulnerability	A10SE (W)	0	2	332000 362455
	Combined Vulnerability:	Medium				
	Combined Aquifer: Pollutant Speed: Bedrock Flow: Dilution: Baseflow Index:	Productive Bedrock Aquifer, No Superficial Aquifer Low Well Connected Fractures 300-550 mm/year <40%				
	Superficial Patchiness: Superficial Thickness:	<90% <3m				
	Superficial Recharge:	No Data				



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Map ID		Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	Groundwater Vulne	erability Map				
	Combined Classification:	Secondary Bedrock Aquifer - Medium Vulnerability	A11SE (SE)	0	2	332677 362197
	Combined Vulnerability:	Medium	(- /			
	Combined Aquifer: Pollutant Speed: Bedrock Flow: Dilution: Baseflow Index:	Productive Bedrock Aquifer, No Superficial Aquifer Low Well Connected Fractures 300-550 mm/year <40%				
	Superficial Patchiness:	<90%				
	Superficial Thickness:	3-10m				
	Superficial Recharge:	High				
	Groundwater Vulne	erability Map				
	Combined Classification:	Secondary Bedrock Aquifer - Medium Vulnerability	A11SW (S)	0	2	332480 362232
	Combined Vulnerability:	Medium				
	Combined Aquifer: Pollutant Speed: Bedrock Flow:	Productive Bedrock Aquifer, No Superficial Aquifer Low Well Connected Fractures				
	Dilution: Baseflow Index: Superficial Patchiness:	300-550 mm/year <40% <90%				
	Superficial Thickness:	3-10m				
	Superficial Recharge:	High				
	Groundwater Vulne	erability Map				
	Combined Classification:	Secondary Bedrock Aquifer - Medium Vulnerability	A10SE (SW)	0	2	332021 362321
	Combined Vulnerability:	Medium	(311)			002021
	Combined Aquifer: Pollutant Speed: Bedrock Flow:	Productive Bedrock Aquifer, No Superficial Aquifer Low				
	Dilution: Baseflow Index:	Well Connected Fractures 300-550 mm/year <40%				
	Superficial Patchiness:	<90%				
	Superficial Thickness: Superficial	3-10m High				
	Recharge:					
	Groundwater Vulne	•	A400F		2	222246
	Combined Classification:	Secondary Bedrock Aquifer - Medium Vulnerability	A10SE (SW)	0	2	332316 362310
	Combined Vulnerability:	Medium Productive Bedrock Aquifer, No Superficial Aquifer				
	Combined Aquifer: Pollutant Speed: Bedrock Flow:	Low Well Connected Fractures				
	Dilution: Baseflow Index: Superficial	300-550 mm/year <40% <90%				
	Patchiness: Superficial	3-10m				
	Thickness: Superficial Recharge:	High				

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Map ID		Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	Groundwater Vulne	erability Map				
	Combined	Secondary Bedrock Aguifer - Medium Vulnerability	A10NE	0	2	332033
	Classification: Combined	Medium	(W)			362605
	Vulnerability: Combined Aquifer:	Productive Bedrock Aquifer, No Superficial Aquifer				
	Pollutant Speed: Bedrock Flow:	Low Well Connected Fractures				
	Dilution: Baseflow Index: Superficial	300-550 mm/year <40% <90%				
	Patchiness:					
	Superficial Thickness:	3-10m				
	Superficial Recharge:	High				
	Groundwater Vulne	• •				
	Combined Classification:	Secondary Bedrock Aquifer - Medium Vulnerability	A10SE (SW)	0	2	332163 362328
	Combined Vulnerability:	Medium				
	Combined Aquifer: Pollutant Speed:	Productive Bedrock Aquifer, No Superficial Aquifer Low				
	Bedrock Flow: Dilution:	Well Connected Fractures 300-550 mm/year				
	Baseflow Index: Superficial	<40% <90%				
	Patchiness: Superficial	3-10m				
	Thickness: Superficial	High				
	Recharge:					
	Groundwater Vulne		44014			000000
	Combined Classification:	Secondary Bedrock Aquifer - Medium Vulnerability	A11SW (SE)	0	2	332632 362204
	Combined Vulnerability:	Medium Productive Producely Assistant No Superficial Assistant				
	Combined Aquifer: Pollutant Speed:	Productive Bedrock Aquifer, No Superficial Aquifer Low				
	Bedrock Flow: Dilution:	Well Connected Fractures 300-550 mm/year				
	Baseflow Index: Superficial	<40% <90%				
	Patchiness: Superficial	3-10m				
	Thickness: Superficial	High				
	Recharge:					
	Groundwater Vulne Combined	erability Map Secondary Bedrock Aquifer - Medium Vulnerability	A 11 C \ A 1	0	2	222442
	Combined Classification: Combined		A11SW (S)	U	2	332443 362243
	Vulnerability:	Medium Productive Pedrack Aquifor, No Superficial Aquifor				
	Combined Aquifer: Pollutant Speed:	Productive Bedrock Aquifer, No Superficial Aquifer Low				
	Bedrock Flow: Dilution:	Well Connected Fractures 300-550 mm/year				
	Baseflow Index: Superficial	<40% <90%				
	Patchiness: Superficial	3-10m				
	Thickness: Superficial	High				
	Recharge:					



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ap D	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
С	Groundwater Vulnerability Map Combined Secondary Bedrock Aquifer - Medium Vulnerability Classification:	A10NE (W)	0	2	332064 362516
C V C P B	Combined Medium /ulnerability: Combined Aquifer: Productive Bedrock Aquifer, No Superficial Aquifer Pollutant Speed: Low Bedrock Flow: Well Connected Fractures				
B S P	Dilution: 300-550 mm/year Baseflow Index: <40%				
S	Γhickness: Superficial High Recharge:				
	Bedrock Aquifer Designations Aquifer Designation: Secondary Aquifer - A	A10SE (SW)	0	2	332163 362328
	Bedrock Aquifer Designations Aquifer Designation: Secondary Aquifer - A	A11NW (E)	0	2	332578 362524
	Bedrock Aquifer Designations Aquifer Designation: Secondary Aquifer - A	A11NW (E)	0	2	332418 362520
А	Bedrock Aquifer Designations Aquifer Designation: Secondary Aquifer - A	A10SW (W)	0	2	331972 362358
	Bedrock Aquifer Designations Aquifer Designation: Secondary Aquifer - A	A10NE (W)	0	2	332188 362536
А	Bedrock Aquifer Designations Aquifer Designation: Secondary Aquifer - A	A11NW (N)	0	2	332480 362767
	Bedrock Aquifer Designations Aquifer Designation: Secondary Aquifer - A	A11NE (E)	0	2	332663 362531
	Bedrock Aquifer Designations Aquifer Designation: Secondary Aquifer - Undifferentiated	A11NW (SE)	0	2	332415 362521
А	Superficial Aquifer Designations Aquifer Designation: Secondary Aquifer - A	A10SE (SW)	0	2	332237 362283
А	Superficial Aquifer Designations Aquifer Designation: Secondary Aquifer - A	A10SE (SW)	0	2	332264 362402
А	Superficial Aquifer Designations Aquifer Designation: Secondary Aquifer - A	A11NE (NE)	0	2	332751 362710
А	Superficial Aquifer Designations Aquifer Designation: Secondary Aquifer - A	A10NE (W)	0	2	332315 362504
А	Superficial Aquifer Designations Aquifer Designation: Secondary Aquifer - Undifferentiated	A11NW (N)	0	2	33236 ² 362690
А	Superficial Aquifer Designations Aquifer Designation: Secondary Aquifer - Undifferentiated	A14SE (NW)	0	2	332241 362892
А	Superficial Aquifer Designations Aquifer Designation: Secondary Aquifer - Undifferentiated	A11NW (SE)	0	2	332415 362521
N	Extreme Flooding from Rivers or Sea without Defences None Flooding from Rivers or Sea without Defences				
N	None				
	Areas Benefiting from Flood Defences None				

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Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	Flood Water Storage Areas None				
	Flood Defences				
	None				
	OS Water Network Lines				
7	Watercourse Form: Inland river Watercourse Length: 2738.8 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Dee Primacy: 1	A10SE (SW)	0	5	332274 362325
	OS Water Network Lines				
8	Watercourse Form: Inland river Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Dee Primacy: 1	A10SW (SW)	8	5	331972 362292
	OS Water Network Lines				
9	Watercourse Form: Inland river Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Dee Primacy: 1	A11NE (NE)	11	5	332813 362769
	OS Water Network Lines				
10	Watercourse Form: Inland river Watercourse Length: 458.0 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Dee Primacy: 1	A6NE (S)	61	5	332313 361974
	OS Water Network Lines				
11	Watercourse Form: Inland river Watercourse Length: 43.4 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Dee Primacy: 1	A7NW (S)	66	5	332556 361860
	OS Water Network Lines				
12	Watercourse Form: Inland river Watercourse Length: 61.5 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Dee Primacy: 2	A7NW (S)	66	5	332554 361860
	OS Water Network Lines				
13	Watercourse Form: Inland river Watercourse Length: 62.8 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Dee Primacy: 1	A7NW (S)	74	5	332609 361858
14	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 111.2 Watercourse Level: On ground surface True Watercourse Name: Not Supplied Catchment Name: Dee Primacy: 1	A7NE (SE)	75	5	332856 361954



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Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
15	OS Water Network Lines Watercourse Form: Inland river Watercourse Level: Underground Permanent: True Watercourse Name: Not Supplied Catchment Name: Dee Primacy: 1	A7NE (SE)	80	5	332838 361948
16	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 76.0 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Dee Primacy: 1	A7NE (SE)	86	5	332789 361930
17	OS Water Network Lines Watercourse Form: Inland river Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Dee Primacy: 1	A7NW (S)	86	5	332594 361840
18	OS Water Network Lines Watercourse Form: Inland river Watercourse Level: Underground Permanent: True Watercourse Name: Not Supplied Catchment Name: Dee Primacy: 1	A7NW (S)	95	5	332653 361869
19	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 116.1 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Dee Primacy: 1	A7NE (SE)	97	5	332715 361898
20	OS Water Network Lines Watercourse Form: Lake Watercourse Length: 60.2 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Dee Primacy: 2	A7NW (S)	106	5	332496 361847
21	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 5.8 Watercourse Level: Underground Permanent: True Watercourse Name: Not Supplied Catchment Name: Dee Primacy: 1	A7NE (SE)	120	5	332956 361982
22	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 11.8 Watercourse Level: Underground Permanent: True Watercourse Name: Not Supplied Catchment Name: Dee Primacy: 1	A7SW (S)	122	5	332513 361817
23	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 468.6 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Dee Primacy: 1	A7NE (SE)	126	5	332962 361981



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Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
24	OS Water Network Lines Watercourse Form: Inland river Watercourse Level: Underground Permanent: True Watercourse Name: Not Supplied Catchment Name: Dee Primacy: 1	A10SW (SW)	129	5	331921 362182
25	OS Water Network Lines Watercourse Form: Lake Watercourse Leel: 9.2 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Dee Primacy: 1	A7NE (SE)	129	5	332764 361928
26	OS Water Network Lines Watercourse Form: Lake Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Dee Primacy: 1	A7SW (S)	130	5	332446 361817
27	OS Water Network Lines Watercourse Form: Lake Watercourse Length: 7.1 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Dee Primacy: 1	A7NE (SE)	137	5	332763 361919
28	OS Water Network Lines Watercourse Form: Lake Watercourse Length: 6.1 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Dee Primacy: 1	A7NE (SE)	138	5	332758 361916
29	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 53.9 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Dee Primacy: 1	A14SE (N)	154	5	332227 363110
30	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 53.1 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Dee Primacy: 1	A14SE (N)	157	5	332274 363092
31	OS Water Network Lines Watercourse Form: Lake Watercourse Length: 113.7 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Dee Primacy: 1	A7SW (S)	158	5	332446 361817
32	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 59.3 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Dee Primacy: 1	A6NW (SW)	160	5	331907 362153



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Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
33	OS Water Network Lines Watercourse Form: Inland river Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Dee Primacy: 1	A15NW (N)	165	5	332580 363244
34	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 47.0 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Dee Primacy: 1	A14SE (N)	192	5	332255 363141
35	OS Water Network Lines Watercourse Form: Inland river Watercourse Level: Not Supplied Permanent: True Watercourse Name: Not Supplied Catchment Name: Dee Primacy: 1	A15NW (N)	200	5	332580 363244
36	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 252.0 Watercourse Level: Not Supplied Permanent: True Watercourse Name: Not Supplied Catchment Name: Dee Primacy: 1	A15NW (N)	205	5	332567 363248
37	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 189.5 Watercourse Level: Not Supplied Permanent: True Watercourse Name: Not Supplied Catchment Name: Dee Primacy: 1	A15NW (N)	205	5	332378 363235
38	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 53.4 Watercourse Level: Underground Permanent: True Watercourse Name: Not Supplied Catchment Name: Dee Primacy: 1	A14SE (N)	210	5	332289 363173
39	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 37.6 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Dee Primacy: 1	A15NW (N)	219	5	332328 363210
40	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 30.4 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Dee Primacy: 1	A15NW (N)	226	5	332378 363235
41	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 472.1 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Dee Primacy: 1	A14SW (NW)	239	5	331975 363112



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Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
42	OS Water Network Lines Watercourse Form: Inland river Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Dee Primacy: 1	A15NW (N)	239	5	332348 363240
43	OS Water Network Lines Watercourse Form: Inland river Watercourse Level: Not Supplied Permanent: True Watercourse Name: Not Supplied Catchment Name: Dee Primacy: 1	A15NE (NE)	244	5	332910 363260
44	OS Water Network Lines Watercourse Form: Lake Watercourse Length: 17.5 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Dee Primacy: 1	A7SW (S)	259	5	332333 361764
45	OS Water Network Lines Watercourse Form: Lake Watercourse Length: 29.8 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Dee Primacy: 1	A7SW (S)	259	5	332349 361759
46	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 662.1 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Dee Primacy: 1	A7SW (S)	263	5	332332 361765
47	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 465.1 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Dee Primacy: 1	A7SW (S)	284	5	332346 361731
48	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 86.2 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Dee Primacy: 1	A14NE (NW)	296	5	332091 363240
49	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 8.4 Watercourse Level: Underground Permanent: True Watercourse Name: Not Supplied Catchment Name: Dee Primacy: 1	A12NW (E)	301	5	333101 362801
50	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 90.3 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Dee Primacy: 1	A12NW (E)	309	5	333110 362802



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Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
51	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 52.4 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Dee Primacy: 1	A15NW (N)	318	5	332324 363316
	OS Water Network Lines				
52	Watercourse Form: Inland river Watercourse Level: Not Supplied Permanent: True Watercourse Name: Not Supplied Catchment Name: Dee Primacy: 1	A14NE (N)	360	5	332281 363344
	OS Water Network Lines				
53	Watercourse Form: Inland river Watercourse Length: 4.8 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Dee Primacy: 1	A14NE (NW)	373	5	332026 363296
	OS Water Network Lines				
54	Watercourse Form: Inland river Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Dee Primacy: 2	A14NE (NW)	373	5	332026 363296
	OS Water Network Lines				
55	Watercourse Form: Inland river Watercourse Length: 209.0 Watercourse Level: Not Supplied Permanent: True Watercourse Name: Not Supplied Catchment Name: Dee Primacy: 1	A14NE (NW)	376	5	332022 363298
	OS Water Network Lines				
56	Watercourse Form: Inland river Watercourse Length: 185.2 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Dee Primacy: 1	A12NW (E)	383	5	333198 362816
	OS Water Network Lines				
57	Watercourse Form: Inland river Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Dee Primacy: 1	A12NW (E)	400	5	333199 362812
	OS Water Network Lines				
58	Watercourse Form: Inland river Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Dee Primacy: 1	A14NE (N)	405	5	332233 363371
	OS Water Network Lines				
59	Watercourse Form: Inland river Watercourse Length: 78.7 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Dee Primacy: 1	A9SE (W)	411	5	331392 362463



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Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	OS Water Network Lines				
60	Watercourse Form: Lake Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Dee Primacy: 1	A9SE (W)	412	5	331392 362463
	OS Water Network Lines				
61	Watercourse Form: Inland river Watercourse Length: 119.6 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Dee Primacy: 1	A16NW (NE)	432	5	333054 363382
	OS Water Network Lines				
62	Watercourse Form: Inland river Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Dee Primacy: 1	A8NW (SE)	454	5	333287 361858
	OS Water Network Lines				
63	Watercourse Form: Inland river Watercourse Level: Not Supplied Permanent: True Watercourse Name: Not Supplied Catchment Name: Dee Primacy: 1	A9SE (W)	466	5	331328 362491





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Map ID		Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
64	Historical Landfill S Licence Holder: Location: Name: Operator Location: Boundary Accuracy: Provider Reference: First Input Date: Last Input Date: Specified Waste Type: EA Waste Ref: Regis Ref: WRC Ref: BGS Ref: Other Ref:	A McAlpine and Son Northern Limited Mold Road, Broughton Land at Leicester Lane Not Supplied As Supplied	A15SE (NE)	0	2	332665 363034
65	Historical Landfill S Licence Holder: Location: Name: Operator Location: Boundary Accuracy: Provider Reference: First Input Date: Last Input Date: Specified Waste Type: EA Waste Ref: Regis Ref: WRC Ref: BGS Ref: Other Ref:	Alyn and Deeside District Council Penyffordd Chester Road Not Supplied As Supplied	A9NW (W)	499	2	331288 362517
66	Licence Number: Location: Operator Name: Operator Location: Authority: Site Category: Licence Status: Issued: Last Modified: Expires: Suspended: Revoked: Surrendered: IPPC Reference:	nagement Facilities (Locations) FB3734RP P M Dromgoole & Sons Agricultural Ltd, Broughton Cottage Farm, Mold Road, Nr Mold, Flintshire, Flintshire, CH4 0EW P M Dromgoole & Sons Agricultural Ltd Not Supplied Natural Resources Wales Not Supplied Effective Sth June 2013 Not Supplied Located by supplier to within 10m	A15SW (N)	151	2	332331 363132
	Local Authority Lan Name:	dfill Coverage Flintshire Council - Has supplied landfill data		0	6	332415 362521
67	Registered Landfill Licence Holder: Licence Reference: Site Location: Licence Easting: Licence Northing: Operator Location: Authority: Site Category: Max Input Rate: Waste Source Restrictions: Status: Dated: Preceded By Licence: Superseded By Licence: Positional Accuracy: Boundary Accuracy: Authorised Waste	Alfred Macalpine 114/82 Warren Farm, Mold Road, Broughton, Chester, Cheshire 332500 362900 As Site Address Environment Agency Wales, North Area Landfill Undefined No known restriction on source of waste Licence lapsed/cancelled/defunct/not applicable/surrenderedCancelled 1st June 1982 Not Given Not Given Manually positioned to the road within the address or location	A11NW (N)	0	3	332479 362802



Waste

Map ID		Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	Registered Landfill	Sites				
68	Authority: Site Category: Max Input Rate: Waste Source Restrictions: Status: Dated: Preceded By Licence: Superseded By Licence: Positional Accuracy: Boundary Accuracy:	Leicesters Lane, Mold Road, Broughton, Chester, Cheshire 332700 363050 As Site Address Environment Agency Wales, North Area Landfill Undefined No known restriction on source of waste Licence lapsed/cancelled/defunct/not applicable/surrenderedCancelled 1st June 1982 Not Given Manually positioned to the address or location	A15SE (NE)	0	3	332700 363050





Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	BGS 1:625,000 Solid Geology				
	Description: Millstone Grit Group [See Also Migr]	A11NW (SE)	0	1	332415 362521
69	BGS Recorded Mineral Sites Site Name: Warren Mountain Location: Warren Mountain, Penyffordd, Mold, Flintshire Source: British Geological Survey, National Geoscience Information Service Reference: 105033 Type: Opencast Status: Ceased Operator: Unknown Operator Operator Location: Not Supplied Periodic Type: Carboniferous Geology: Bowland Shale Formation Commodity: Sandstone	A10NW (W)	40	1	331789 362672
	Positional Accuracy: Located by supplier to within 10m				
70	BGS Recorded Mineral Sites Site Name: Bryn-Teg Quarry Location: Wrexham, Clwyd Source: British Geological Survey, National Geoscience Information Service Reference: 6199 Type: Opencast Status: Ceased Operator: Unknown Operator Operator Location: Not Supplied Periodic Type: Carboniferous Geology: Cefr-y-Fedw Sandstone Formation Commodity: Sandstone Positional Accuracy: Located by supplier to within 10m	A10SW (W)	151	1	331673 362477
	BGS Recorded Mineral Sites				
71	Site Name: Warren Mountain Sand Pit Location: Penymynydd, Penyffordd, Mold, Flintshire Source: British Geological Survey, National Geoscience Information Service Reference: 105195 Type: Opencast Status: Ceased Operator: Unknown Operator Operator Location: Periodic Type: Quaternary Geology: Glaciofluvial Deposits, Devensian Commodity: Sand Positional Accuracy: Located by supplier to within 10m	A14NE (N)	389	1	332083 363334
	Coal Mining Affected Areas				
	In an area that might not be affected by coal mining				
	Non Coal Mining Areas of Great Britain Risk: Highly Unlikely Source: British Geological Survey, National Geoscience Information Service	A11NW (SE)	0	1	332415 362521
	Non Coal Mining Areas of Great Britain Risk: Rare Source: British Geological Survey, National Geoscience Information Service	A11NE (E)	0	1	332663 362531
	Non Coal Mining Areas of Great Britain Risk: Rare Source: British Geological Survey, National Geoscience Information Service	A11NW (N)	0	1	332480 362767
	Non Coal Mining Areas of Great Britain Risk: Rare Source: British Geological Survey, National Geoscience Information Service	A10NE (W)	0	1	332188 362536
	Non Coal Mining Areas of Great Britain Risk: Rare Source: British Geological Survey, National Geoscience Information Service	A10SW (W)	0	1	331972 362358
	Non Coal Mining Areas of Great Britain Risk: Rare Source: British Geological Survey, National Geoscience Information Service	A11NW (E)	0	1	332418 362520
	Non Coal Mining Areas of Great Britain Risk: Rare Source: British Geological Survey, National Geoscience Information Service	A11NW (E)	0	1	332578 362524
	Non Coal Mining Areas of Great Britain Risk: Rare Source: British Geological Survey, National Geoscience Information Service	A10SE (SW)	0	1	332163 362328
	Potential for Collapsible Ground Stability Hazards Hazard Potential: No Hazard Source: British Geological Survey, National Geoscience Information Service	A11SW (S)	0	1	332509 362224





/lap ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	Potential for Collapsible Ground Stability Hazards				
	Hazard Potential: Very Low Source: British Geological Survey, National Geoscience Information Service	A11NW (SE)	0	1	332415 362521
	Potential for Collapsible Ground Stability Hazards				
	Hazard Potential: No Hazard Source: British Geological Survey, National Geoscience Information Service	A7NE (SE)	40	1	332899 362157
	Potential for Collapsible Ground Stability Hazards	(02)			002.0.
	Hazard Potential: No Hazard	A12SW	191	1	333049
	Source: British Geological Survey, National Geoscience Information Service Potential for Compressible Ground Stability Hazards	(SE)			362171
	Hazard Potential: Very Low	A15SW	0	1	332531
	Source: British Geological Survey, National Geoscience Information Service	(N)			363027
	Potential for Compressible Ground Stability Hazards	0.4451107	0	1	222445
	Hazard Potential: No Hazard Source: British Geological Survey, National Geoscience Information Service	A11NW (SE)	0	'	332415 362521
	Potential for Compressible Ground Stability Hazards				
	Hazard Potential: Moderate Source: British Geological Survey, National Geoscience Information Service	A7NE (SE)	40	1	332899 362157
	Potential for Compressible Ground Stability Hazards				
	Hazard Potential: Moderate Source: Pritish Coolegies Survey National Cooperation Source	A12SW	191	1	333049 362171
	Source: British Geological Survey, National Geoscience Information Service Potential for Ground Dissolution Stability Hazards	(SE)			302171
	Hazard Potential: No Hazard	A11NW	0	1	332415
	Source: British Geological Survey, National Geoscience Information Service	(SE)			362521
	Potential for Landslide Ground Stability Hazards Hazard Potential: Low	A10SW	0	1	331870
	Source: British Geological Survey, National Geoscience Information Service	(W)		'	362362
	Potential for Landslide Ground Stability Hazards				
	Hazard Potential: Low Source: British Geological Survey, National Geoscience Information Service	A11SE (SE)	0	1	332677 362197
	Potential for Landslide Ground Stability Hazards				
	Hazard Potential: Low Source: British Geological Survey, National Geoscience Information Service	A11SW	0	1	332611
	Potential for Landslide Ground Stability Hazards	(SE)			362208
	Hazard Potential: Low	A11SW	0	1	332480
	Source: British Geological Survey, National Geoscience Information Service	(S)			362232
	Potential for Landslide Ground Stability Hazards Hazard Potential: Low	A10SE	0	1	332316
	Source: British Geological Survey, National Geoscience Information Service	(SW)		'	362310
	Potential for Landslide Ground Stability Hazards				
	Hazard Potential: Low Source: British Geological Survey, National Geoscience Information Service	A10NE (W)	0	1	332033 362605
	Potential for Landslide Ground Stability Hazards				
	Hazard Potential: Very Low	A11NW	0	1	332415
	Source: British Geological Survey, National Geoscience Information Service Potential for Landslide Ground Stability Hazards	(SE)			362521
	Hazard Potential: Moderate	A11SW	0	1	332509
	Source: British Geological Survey, National Geoscience Information Service	(S)			362224
	Potential for Landslide Ground Stability Hazards Hazard Potential: Low	A7NW	51	1	332619
	Source: British Geological Survey, National Geoscience Information Service	(S)	31	'	361888
	Potential for Landslide Ground Stability Hazards				
	Hazard Potential: Low Source: British Geological Survey, National Geoscience Information Service	A7NE (SE)	63	1	332663 361941
	Potential for Landslide Ground Stability Hazards	(/			22.011
	Hazard Potential: Low	A15NE	158	1	332703
	Source: British Geological Survey, National Geoscience Information Service	(N)			363225
	Potential for Landslide Ground Stability Hazards Hazard Potential: Low	A14SW	212	1	331966
	Source: British Geological Survey, National Geoscience Information Service	(NW)		•	363073
	Potential for Running Sand Ground Stability Hazards				
	Hazard Potential: Very Low Source: British Geological Survey, National Geoscience Information Service	A11NW (SE)	0	1	332415 362521





lap ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	Potential for Running Sand Ground Stability Hazards				
	Hazard Potential: No Hazard Source: British Geological Survey, National Geoscience Information Service	A10SE (SW)	0	1	332316 362310
	Potential for Running Sand Ground Stability Hazards				
	Hazard Potential: Low Source: British Geological Survey, National Geoscience Information Service	A7NE (SE)	40	1	332899 36215
	Potential for Running Sand Ground Stability Hazards	(02)			30210
	Hazard Potential: No Hazard	A7NW	51	1	33264
	Source: British Geological Survey, National Geoscience Information Service	(S)			36189
	Potential for Running Sand Ground Stability Hazards Hazard Potential: No Hazard	A15NW	158	1	33259
	Source: British Geological Survey, National Geoscience Information Service	(N)		· 	36322
	Potential for Running Sand Ground Stability Hazards				
	Hazard Potential: Low Source: British Geological Survey, National Geoscience Information Service	A12SW (SE)	191	1	33304 36217
	Potential for Running Sand Ground Stability Hazards				
	Hazard Potential: No Hazard Source: British Geological Survey. National Geoscience Information Service	A14SW	212	1	33196
	Source: British Geological Survey, National Geoscience Information Service Potential for Shrinking or Swelling Clay Ground Stability Hazards	(NW)			36307
	Hazard Potential: Very Low	A11NW	0	1	33241
	Source: British Geological Survey, National Geoscience Information Service	(SE)			36252
	Potential for Shrinking or Swelling Clay Ground Stability Hazards				
	Hazard Potential: Very Low Source: British Geological Survey, National Geoscience Information Service	A14SE (NW)	0	1	33224 36289
	Potential for Shrinking or Swelling Clay Ground Stability Hazards				
	Hazard Potential: No Hazard Source: British Geological Survey, National Geoscience Information Service	A11SW	0	1	33244 36224
	Potential for Shrinking or Swelling Clay Ground Stability Hazards	(S)			30224
	Hazard Potential: No Hazard	A10SE	0	1	33216
	Source: British Geological Survey, National Geoscience Information Service	(SW)			36232
	Potential for Shrinking or Swelling Clay Ground Stability Hazards				
	Hazard Potential: No Hazard Source: British Geological Survey, National Geoscience Information Service	A11SE (SE)	0	1	33273 36218
	Potential for Shrinking or Swelling Clay Ground Stability Hazards				
	Hazard Potential: No Hazard Source: British Geological Survey, National Geoscience Information Service	A11SW (SE)	0	1	33263 36220
	Potential for Shrinking or Swelling Clay Ground Stability Hazards	(SL)			30220
	Hazard Potential: No Hazard	A10SE	0	1	33224
	Source: British Geological Survey, National Geoscience Information Service	(SW)			36224
	Potential for Shrinking or Swelling Clay Ground Stability Hazards	0.4.4.0.007		4	20000
	Hazard Potential: No Hazard Source: British Geological Survey, National Geoscience Information Service	A11NW (N)	0	1	33236 36278
	Potential for Shrinking or Swelling Clay Ground Stability Hazards				
	Hazard Potential: No Hazard Source: British Geological Survey, National Geoscience Information Service	A11NE (NE)	0	1	33275 36271
	Potential for Shrinking or Swelling Clay Ground Stability Hazards	(14)			JU2/ I
	Hazard Potential: No Hazard	A10NE	0	1	33218
	Source: British Geological Survey, National Geoscience Information Service	(W)			36253
	Potential for Shrinking or Swelling Clay Ground Stability Hazards Hazard Potential: No Hazard	A10SW	0	1	33197
	Source: British Geological Survey, National Geoscience Information Service	(W)	0	'	36235
	Potential for Shrinking or Swelling Clay Ground Stability Hazards				
	Hazard Potential: No Hazard Source: British Geological Survey, National Geoscience Information Service	A10NE (W)	0	1	33208 36261
	Potential for Shrinking or Swelling Clay Ground Stability Hazards	(۷۷)			30201
	Hazard Potential: No Hazard	A10NE	0	1	33231
	Source: British Geological Survey, National Geoscience Information Service	(W)			36250
	Potential for Shrinking or Swelling Clay Ground Stability Hazards	A400E		4	0001
	Hazard Potential: No Hazard Source: British Geological Survey, National Geoscience Information Service	A10SE (W)	0	1	33217 36244
	Potential for Shrinking or Swelling Clay Ground Stability Hazards				
	Hazard Potential: No Hazard Source: British Geological Survey, National Geoscience Information Service	A10NW (W)	35	1	33174 36260





Source: British Coological Survey, National Geoscience Information Service Potential for Shrinking or Swelling Clay Ground Stability Hazards Hazard Potential: No Hazard Source: British Geological Survey, National Geoscience Information Service Potential for Shrinking or Swelling Clay Ground Stability Hazards Hazard Potential: Potential: No Hazard Source: British Geological Survey, National Geoscience Information Service Potential for Shrinking or Swelling Clay Ground Stability Hazards Source: British Geological Survey, National Geoscience Information Service Alforted Area: The property is an Intermediate probability radon area (10 to 30% of homes are estimated to be at or above the Action Level). Source: British Geological Survey, National Geoscience Information Service Alforted Area: The property is an Intermediate probability radon area (3 to 5% of homes are estimated to be at or above the Action Level). Source: British Geological Survey, National Geoscience Information Service Alforted Area: The property is in an Intermediate probability radon area (3 to 5% of homes are estimated to be at or above the Action Level). Radon Potential - Radon Affected Areas Alforted Area: The property is in an Intermediate probability radon area (5 to 10% of homes are estimated to be at or above the Action Level). Radon Potential - Radon Affected Areas Alforted Area: The property is in an Intermediate probability radon area (5 to 10% of homes are set of the Action Level). Source: British Geological Survey, National Geoscience Information Service Radon Potential - Radon Affected Areas Alforted Area: The property is in an Intermediate probability radon area (6 to 10% of homes are estimated to be at or above the Action Level). British Geological Survey, National Geoscience Information Service Radon Potential - Radon Affected Areas Alforted Area: The property is in an Intermediate probability radon area (6 to 10% of homes are estimated to be at or above the Action Level). Source: British Geological Survey, Nation	Map ID		Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
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Hazard Potential: No Hazard Source: British Geological Survey, National Geoscience Information Service Ration Potential - Radon Affected Areas Affected Area: The property is in a Higher probability radon area (10 to 30% of homes are estimated to be at or above the Action Level). British Geological Survey, National Geoscience Information Service Ration Potential - Radon Affected Areas Affected Area: Associated and the state of t				(NVV)			362847
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Affected Area: The property is in a Higher probability radon area (10 to 30% of homes are estimated to be at or above the Action Level). Source: British Geological Survey, National Geoscience Information Service Radon Potential - Radon Affected Areas Affected Area: The property is an Intermediate probability radon area (3 to 5% of homes are estimated to be at or above the Action Level). Source: British Geological Survey, National Geoscience Information Service Radon Potential - Radon Protection Measures							
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Affected Area: The property is an Intermediate probability radon area (3 to 5% of homes are estimated to be at or above the Action Level). Source: British Geological Survey, National Geoscience Information Service Radon Potential - Radon Protection Measures							
Source: British Geological Survey, National Geoscience Information Service Radon Potential - Radon Protection Measures			The property is an Intermediate probability radon area (3 to 5% of homes are		0	1	332400 362051
		Source:					
,			Full radon protective measures are necessary in the construction of new	A10NE	0	1	332275 362526



Geological

Map ID		Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	Radon Potential - R	adon Protection Measures				
		Basic radon protective measures are necessary in the construction of new dwellings or extensions	A11NW (N)	0	1	332415 362626
	Source:	British Geological Survey, National Geoscience Information Service				
		adon Protection Measures	A11NE		4	000075
	Source:	Full radon protective measures are necessary in the construction of new dwellings or extensions British Geological Survey, National Geoscience Information Service	(NE)	0	1	332675 362676
	Radon Potential - R	adon Protection Measures				
	Protection Measure:	Basic radon protective measures are necessary in the construction of new dwellings or extensions	A10NE (NW)	0	1	332000 362751
	Source:	British Geological Survey, National Geoscience Information Service				
		adon Protection Measures				
	Protection Measure: Source:	No radon protective measures are necessary in the construction of new dwellings or extensions British Geological Survey, National Geoscience Information Service	A11SE (SE)	0	1	332800 362251
		adon Protection Measures				
		Basic radon protective measures are necessary in the construction of new dwellings or extensions	A10SE (S)	0	1	332300 362201
	Source:	British Geological Survey, National Geoscience Information Service	(-)			
	Radon Potential - R	adon Protection Measures				
	Protection Measure: Source:	No radon protective measures are necessary in the construction of new dwellings or extensions British Geological Survey, National Geoscience Information Service	A7NE (SE)	0	1	332800 362126
		adon Protection Measures				
		No radon protective measures are necessary in the construction of new	A11NW	0	1	332415
	Source:	dwellings or extensions British Geological Survey, National Geoscience Information Service	(SE)		'	362521
	Radon Potential - R	adon Protection Measures				
		Basic radon protective measures are necessary in the construction of new dwellings or extensions	A15SW (NE)	0	1	332650 362876
	Source:	British Geological Survey, National Geoscience Information Service				
		adon Protection Measures	A15SW	0	4	332550
	Source:	Full radon protective measures are necessary in the construction of new dwellings or extensions British Geological Survey, National Geoscience Information Service	(N)	0	1	362951
	Radon Potential - R	adon Protection Measures				
		Basic radon protective measures are necessary in the construction of new	A11NW	0	1	332400
	Source:	dwellings or extensions British Geological Survey, National Geoscience Information Service	(W)			362521
	Radon Potential - R	adon Protection Measures				
		Full radon protective measures are necessary in the construction of new dwellings or extensions	A7NW (S)	0	1	332600 361976
	Source:	British Geological Survey, National Geoscience Information Service	-			
		adon Protection Measures	A 75 11 A /		,	000400
	Protection Measure: Source:	Basic radon protective measures are necessary in the construction of new dwellings or extensions British Geological Survey, National Geoscience Information Service	A7NW (S)	0	1	332400 362051



Industrial Land Use

Map ID		Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	Contemporary Trad	e Directory Entries				
72	Name: Location: Classification: Status: Positional Accuracy:	Prime Care Carpet Cleaning 49, Mold Road, Broughton, Chester, Cheshire, CH4 0PQ Carpet, Curtain & Upholstery Cleaners Inactive Automatically positioned to the address	A16NW (NE)	405	-	333091 363294
	Contemporary Trad	e Directory Entries				
73	Name: Location: Classification: Status: Positional Accuracy:	Cleaned N Dry 6, Woodfield Close, Broughton, Chester, CH4 0FE Carpet, Curtain & Upholstery Cleaners Active Automatically positioned to the address	A16SW (NE)	482	-	333252 363101



Sensitive Land Use

Map ID		Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	Ancient Woodland					
74	Name: Reference: Area(m²): Type:	Not Supplied 29374 8496.43 Ancient and Semi-Natural Woodland	A10SE (SW)	0	2	332273 362326
75	Ancient Woodland Name: Reference: Area(m²): Type:	Not Supplied 37630 6932.52 Restored Ancient Woodland Site	A11NW (N)	0	2	332357 362788
76	Ancient Woodland Name: Reference: Area(m²): Type:	Not Supplied 37624 8322.06 Restored Ancient Woodland Site	A11SW (SW)	0	2	332337 362343
77	Ancient Woodland Name: Reference: Area(m²): Type:	Not Supplied 45531 14599.34 Plantation on Ancient Woodland	A10SE (SW)	0	2	332198 362366
78	Ancient Woodland Name: Reference: Area(m²): Type:	Not Supplied 31183 7321.41 Restored Ancient Woodland Site	A11SW (SW)	0	2	332321 362344
79	Ancient Woodland Name: Reference: Area(m²): Type:	Not Supplied 37627 25515.81 Restored Ancient Woodland Site	A10NE (NW)	0	2	332289 362646
80	Ancient Woodland Name: Reference: Area(m²): Type:	Not Supplied 47304 803.36 Plantation on Ancient Woodland	A10SE (SW)	0	2	332198 362370
81	Ancient Woodland Name: Reference: Area(m²): Type:	Not Supplied 45047 8143 Plantation on Ancient Woodland	A10SE (SW)	0	2	332195 362337
82	Ancient Woodland Name: Reference: Area(m²): Type:	Not Supplied 37626 5020.96 Restored Ancient Woodland Site	A10NW (W)	11	2	331796 362545
83	Ancient Woodland Name: Reference: Area(m²): Type:	Not Supplied 37629 7229.49 Restored Ancient Woodland Site	A10NW (NW)	14	2	331930 362791
84	Ancient Woodland Name: Reference: Area(m²): Type:	Not Supplied 37623 14813.85 Restored Ancient Woodland Site	A7NW (S)	38	2	332598 361895
85	Ancient Woodland Name: Reference: Area(m²): Type:	Not Supplied 34471 2625.22 Ancient and Semi-Natural Woodland	A7SW (S)	125	2	332538 361800
86	Ancient Woodland Name: Reference: Area(m²): Type:	Not Supplied 37625 7893.26 Restored Ancient Woodland Site	A10SW (W)	143	2	331762 362343
87	Ancient Woodland Name: Reference: Area(m²): Type:	Not Supplied 37622 22485.81 Restored Ancient Woodland Site	A7SW (S)	156	2	332407 361794



Sensitive Land Use

Map ID		Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	Ancient Woodla	nd				
88	Name: Reference: Area(m²): Type:	Not Supplied 37631 6282.16 Restored Ancient Woodland Site	A14NE (N)	224	2	332174 363200
	Ancient Woodla	nd				
89	Name: Reference: Area(m²): Type:	Not Supplied 37635 166009.19 Restored Ancient Woodland Site	A13SE (W)	292	2	331606 362845
	Ancient Woodla	nd				
90	Name: Reference: Area(m²): Type:	Not Supplied 31184 6741.41 Restored Ancient Woodland Site	A9SE (W)	349	2	331476 362429
	Ancient Woodla	nd				
91	Name: Reference: Area(m²): Type:	Not Supplied 37638 81197.62 Restored Ancient Woodland Site	A14SW (NW)	399	2	331688 363095
	Nitrate Vulnerab	ole Zones				
92	Name: Description: Source:	Pulford Brook Nvz Surface Water Environment Agency, Head Office	A11NW (SE)	0	4	332415 362521
	Nitrate Vulnerab	ole Zones				
93	Name: Description: Source:	Not Supplied Surface Water Natural Resources Wales	A11NW (SE)	0	2	332415 362521



Agency & Hydrological	Version	Update Cycle
Contaminated Land Register Entries and Notices		
Flintshire Council - Environmental Health Department	April 2014	Annual Rolling Updat
Wrexham County Borough Council - Public Protection Department	April 2016	Annually
Chester City Council (now part of Cheshire West and Chester Council) - Environmental Health Department	August 2008	Not Applicable
Cheshire West and Chester Council - Environmental Health Department	November 2013	Annually
Discharge Consents		
Environment Agency - Welsh Region	August 2014	Quarterly
Natural Resources Wales	January 2019	Quarterly
Enforcement and Prohibition Notices		
Environment Agency - North West Region	March 2013	Annual Rolling Updat
Environment Agency - Welsh Region	March 2013	Annual Rolling Updat
ntegrated Pollution Controls		
Environment Agency - North West Region	October 2008	Variable
Environment Agency - Welsh Region	October 2008	Variable
Integrated Pollution Prevention And Control		
Environment Agency - North West Region	January 2019	Quarterly
Environment Agency - Welsh Region	January 2019	Quarterly
Natural Resources Wales	January 2019	Quarterly
ocal Authority Integrated Pollution Prevention And Control		
Wrexham County Borough Council - Environmental Health Department	April 2014	Variable
Flintshire Council - Environmental Health Department	April 2016	Variable
Chester City Council (now part of Cheshire West and Chester Council) - Environmental Health Department	December 2008	Not Applicable
Cheshire West and Chester Council - Environmental Health Department	July 2015	Variable
Local Authority Pollution Prevention and Controls		
Wrexham County Borough Council - Environmental Health Department	April 2014	Annual Rolling Updat
Flintshire Council - Environmental Health Department	April 2016	Annual Rolling Update
Chester City Council (now part of Cheshire West and Chester Council) - Environmental Health Department	December 2008	Not Applicable
Cheshire West and Chester Council - Environmental Health Department	July 2015	Annually
Local Authority Pollution Prevention and Control Enforcements		
Wrexham County Borough Council - Environmental Health Department	April 2014	Variable
Flintshire Council - Environmental Health Department	April 2016	Variable
Chester City Council (now part of Cheshire West and Chester Council) - Environmental Health Department	December 2008	Not Applicable
Cheshire West and Chester Council - Environmental Health Department	July 2015	Variable
Nearest Surface Water Feature		
Ordnance Survey	January 2019	
Pollution Incidents to Controlled Waters		
Environment Agency - Welsh Region	December 1998	Not Applicable
Prosecutions Relating to Authorised Processes		
Environment Agency - North West Region	March 2013	Annual Rolling Updat
Environment Agency - Welsh Region	March 2013	Annual Rolling Updat
Natural Resources Wales	March 2013	Annual Rolling Updat
Prosecutions Relating to Controlled Waters		
Environment Agency - North West Region	March 2013	Annual Rolling Update
Environment Agency - Welsh Region	March 2013	Annual Rolling Update
Natural Resources Wales	March 2013	Annual Rolling Upda
Registered Radioactive Substances		
Natural Resources Wales	January 2015	Annually
Environment Agency - North West Region	June 2016	,
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Agency & Hydrological	Version	Update Cycle
Substantiated Pollution Incident Register		
Environment Agency - North West Region - South Area	January 2019	Quarterly
Environment Agency Wales - North Area	January 2019	Quarterly
Natural Resources Wales	January 2019	Quarterly
Water Abstractions		
Natural Resources Wales	February 2019	Quarterly
Environment Agency - Welsh Region	January 2019	Quarterly
Water Industry Act Referrals		
Natural Resources Wales	January 2019	Quarterly
Environment Agency - North West Region	October 2017	Quarterly
Environment Agency - Welsh Region	October 2017	Quarterly
Groundwater Vulnerability Map		
Environment Agency - Head Office	June 2018	Annually
Natural Resources Wales	June 2018	Annually
Bedrock Aquifer Designations		
Environment Agency - Head Office	January 2018	Annually
Natural Resources Wales	January 2018	Annually
Superficial Aquifer Designations		
Environment Agency - Head Office	January 2018	Annually
Natural Resources Wales	January 2018	Annually
Source Protection Zones		
Environment Agency - Head Office	January 2019	Quarterly
Natural Resources Wales	November 2016	Annual Rolling Update
Extreme Flooding from Rivers or Sea without Defences		
Natural Resources Wales	February 2019	Quarterly
Flooding from Rivers or Sea without Defences		
Natural Resources Wales	February 2019	Quarterly
Areas Benefiting from Flood Defences		
Natural Resources Wales	February 2019	Quarterly
Flood Water Storage Areas		
Natural Resources Wales	February 2019	Quarterly
Flood Defences		
Natural Resources Wales	February 2019	Quarterly
OS Water Network Lines		
Ordnance Survey	January 2019	Quarterly
BGS Groundwater Flooding Susceptibility		
British Geological Survey - National Geoscience Information Service	May 2013	Annually



Waste	Version	Update Cycle
BGS Recorded Landfill Sites		
British Geological Survey - National Geoscience Information Service	June 1996	Not Applicable
Historical Landfill Sites		
Natural Resources Wales	July 2017	Quarterly
Integrated Pollution Control Registered Waste Sites		
Environment Agency - North West Region	October 2008	Not Applicable
Environment Agency - Welsh Region	October 2008	Not Applicable
Licensed Waste Management Facilities (Landfill Boundaries)		
Environment Agency - North West Region - South Area	July 2018	Quarterly
Environment Agency Wales - North Area	July 2018	Quarterly
Natural Resources Wales	July 2018	Quarterly
Licensed Waste Management Facilities (Locations)		
Environment Agency - North West Region - South Area	January 2019	Quarterly
Environment Agency Wales - North Area	January 2019	Quarterly
Natural Resources Wales	January 2019	Quarterly
Local Authority Landfill Coverage		
Cheshire County Council (now part of Cheshire East Council) - Environmental Planning Department	May 2000	Not Applicable
Chester City Council (now part of Cheshire West and Chester Council) - Environmental Health Department	May 2000	Not Applicable
Flintshire Council - Environmental Health Department	May 2000	Not Applicable
Wrexham County Borough Council	May 2000	Not Applicable
Local Authority Recorded Landfill Sites		
Cheshire County Council (now part of Cheshire East Council) - Environmental Planning Department	February 2005	Not Applicable
Wrexham County Borough Council	June 2003	Not Applicable
Chester City Council (now part of Cheshire West and Chester Council) - Environmental Health Department	May 2000	Not Applicable
Flintshire Council - Environmental Health Department	May 2000	Not Applicable
Registered Landfill Sites		
Environment Agency - North West Region - South Area	March 2003	Not Applicable
Environment Agency Wales - North Area	March 2003	Not Applicable
Registered Waste Transfer Sites		
Environment Agency - North West Region - South Area	March 2003	Not Applicable
Environment Agency Wales - North Area	March 2003	Not Applicable
Registered Waste Treatment or Disposal Sites		
Environment Agency - North West Region - South Area	March 2003	Not Applicable
Environment Agency Wales - North Area	March 2003	Not Applicable



Hazardous Substances	Version	Update Cycle
Control of Major Accident Hazards Sites (COMAH)		
Health and Safety Executive	April 2018	Bi-Annually
Explosive Sites		
Health and Safety Executive	March 2017	Annually
Notification of Installations Handling Hazardous Substances (NIHHS)		
Health and Safety Executive	November 2000	Not Applicable
Planning Hazardous Substance Enforcements		
Cheshire West and Chester Council - Planning Department	April 2016	Variable
Wrexham County Borough Council - Planning Department	February 2016	Variable
Flintshire Council	January 2016	Variable
Cheshire County Council (now part of Cheshire East Council) - Planning Department	July 2008	Annual Rolling Update
Chester City Council (now part of Cheshire West and Chester Council)	October 2008	Not Applicable
Planning Hazardous Substance Consents		
Cheshire West and Chester Council - Planning Department	April 2016	Variable
Wrexham County Borough Council - Planning Department	February 2016	Variable
Flintshire Council	January 2016	Variable
Cheshire County Council (now part of Cheshire East Council) - Planning Department	July 2008	Annual Rolling Update
Chester City Council (now part of Cheshire West and Chester Council)	October 2008	Not Applicable
Geological	Version	Update Cycle
BGS 1:625,000 Solid Geology		
British Geological Survey - National Geoscience Information Service	January 2009	Not Applicable
BGS Recorded Mineral Sites	,	- ''
British Geological Survey - National Geoscience Information Service	November 2018	Bi-Annually
	140VCIIIBGI 2010	Di 7 till tadily
CBSCB Compensation District	August 2011	Not Applicable
Cheshire Brine Subsidence Compensation Board (CBSCB)	August 2011	Not Applicable
Coal Mining Affected Areas	March 2014	Annual Dalling Undet
The Coal Authority - Property Searches	March 2014	Annual Rolling Update
Mining Instability		
Ove Arup & Partners	October 2000	Not Applicable
Non Coal Mining Areas of Great Britain		
British Geological Survey - National Geoscience Information Service	May 2015	Not Applicable
Potential for Collapsible Ground Stability Hazards		
British Geological Survey - National Geoscience Information Service	January 2019	Annually
Potential for Compressible Ground Stability Hazards		
British Geological Survey - National Geoscience Information Service	January 2019	Annually
Potential for Ground Dissolution Stability Hazards		
British Geological Survey - National Geoscience Information Service	January 2019	Annually
Potential for Landslide Ground Stability Hazards	,	,
·	January 2019	Annually
	20.100.7 2010	7
, ,	January 2010	Annually
	January 2019	Ailliually
	1 2040	
	January 2019	Annually
Radon Potential - Radon Affected Areas		
British Geological Survey - National Geoscience Information Service	July 2011	Annually
Radon Potential - Radon Protection Measures		
British Geological Survey - National Geoscience Information Service	July 2011	Annually
British Geological Survey - National Geoscience Information Service Potential for Running Sand Ground Stability Hazards British Geological Survey - National Geoscience Information Service Potential for Shrinking or Swelling Clay Ground Stability Hazards British Geological Survey - National Geoscience Information Service Radon Potential - Radon Affected Areas British Geological Survey - National Geoscience Information Service Radon Potential - Radon Protection Measures British Geological Survey - National Geoscience Information Service	·	,



Industrial Land Use	Version	Update Cycle
Contemporary Trade Directory Entries		
Thomson Directories	January 2019	Quarterly
Fuel Station Entries		
Catalist Ltd - Experian	March 2019	Quarterly
Gas Pipelines		
National Grid	July 2014	
Underground Electrical Cables		
National Grid	December 2015	
Sensitive Land Use	Version	Update Cycle
Ancient Woodland		
Natural England	August 2018	Bi-Annually
Natural Resources Wales	August 2018	Bi-Annually
Areas of Adopted Green Belt		
Chester City Council (now part of Cheshire West and Chester Council)	March 2019	As notified
Areas of Unadopted Green Belt		
Chester City Council (now part of Cheshire West and Chester Council)	March 2019	As notified
Areas of Outstanding Natural Beauty		
Natural England	August 2018	Bi-Annually
Natural Resources Wales	August 2018	Bi-Annually
Environmentally Sensitive Areas		
Natural England	January 2017	
The National Assembly for Wales - GI Services (Department of Planning & Countryside)	January 2017	
Forest Parks	,	
Forestry Commission	April 1997	Not Applicable
Local Nature Reserves	7.15.11.1001	1 tot / tppnoable
Flintshire Council	August 2018	Bi-Annually
Wrexham County Borough Council	August 2018 August 2018	Bi-Annually
Natural England	March 2019	Bi-Annually
•	Waldin 2010	Di Aimaany
Marine Nature Reserves Natural Resources Wales	August 2019	Ri Appually
	August 2018	Bi-Annually
National Nature Reserves	4	B: A
Natural Resources Wales	August 2018	Bi-Annually
National Parks		
Natural England	April 2017	Bi-Annually
Natural Resources Wales	August 2018	Annually
Nitrate Vulnerable Zones		
Environment Agency - Head Office	December 2017	Bi-Annually
Natural Resources Wales	July 2017	Bi-Annually
The National Assembly for Wales - GI Services (Department of Planning & Countryside)	October 2005	
Ramsar Sites		
Natural Resources Wales	February 2019	Bi-Annually
Sites of Special Scientific Interest		
Natural Resources Wales	March 2019	Bi-Annually
Special Areas of Conservation		
Natural Resources Wales	August 2018	Bi-Annually
Special Protection Areas		
Natural Resources Wales	August 2018	Bi-Annually



Data Suppliers

A selection of organisations who provide data within this report

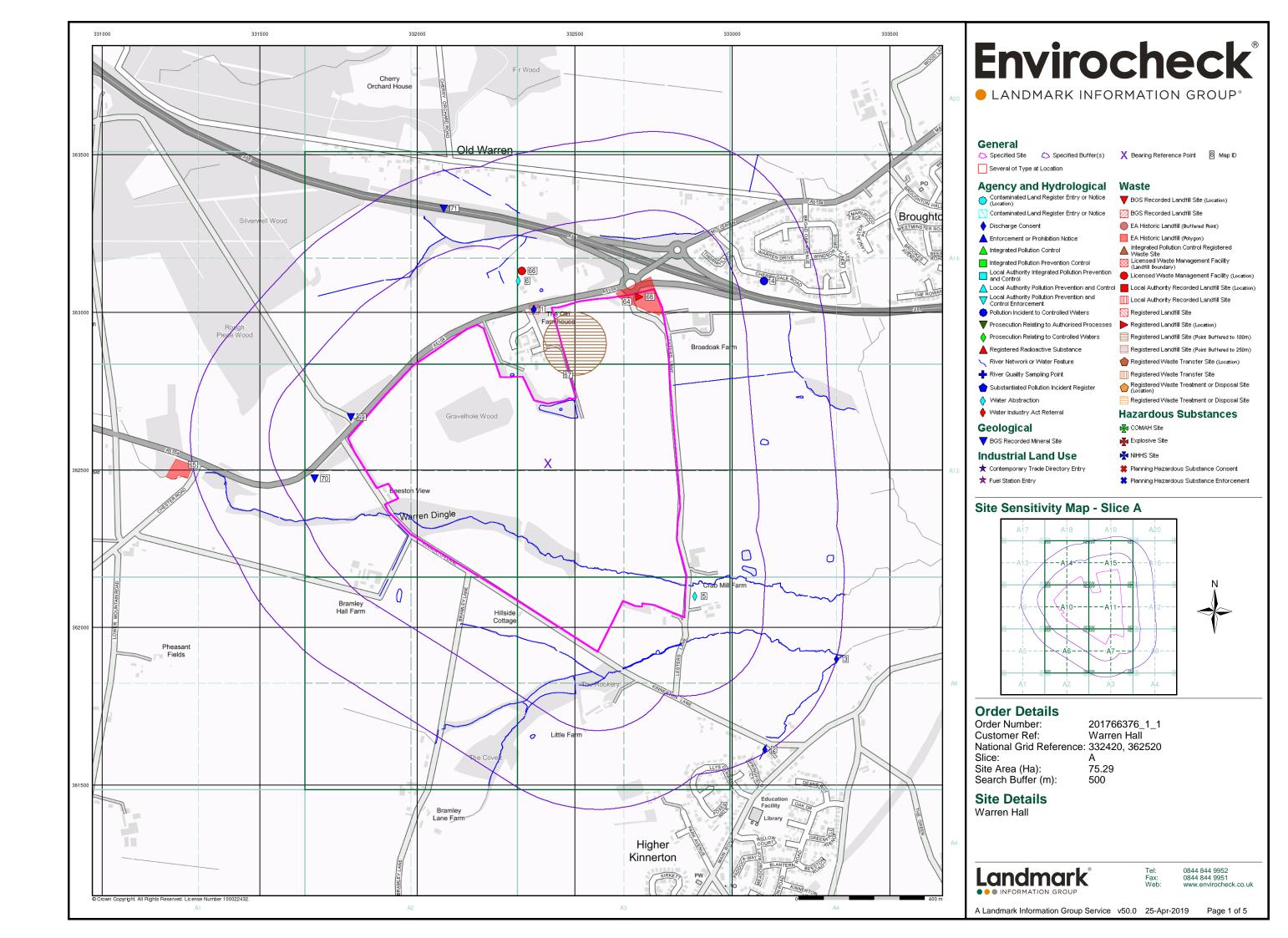
Data Supplier	Data Supplier Logo
Ordnance Survey	Map data
Environment Agency	Environment Agency
Scottish Environment Protection Agency	SEPA Scottish Environment Protection Agency
The Coal Authority	The Coal Authority
British Geological Survey	British Geological Survey NATURAL ENVIRONMENT RESEARCH COUNCIL
Centre for Ecology and Hydrology	Centre for Ecology & Hydrology NATURAL ENVIRONMENT RESEARCH COUNCIL
Natural Resources Wales	Cyfoeth Naturiol Cymru Natural Resources Wales
Scottish Natural Heritage	SCOTTISH NATURAL HERITAGE யில்தி
Natural England	NATURAL ENGLAND
Public Health England	Public Health England
Ove Arup	ARUP
Peter Brett Associates	peterbrett

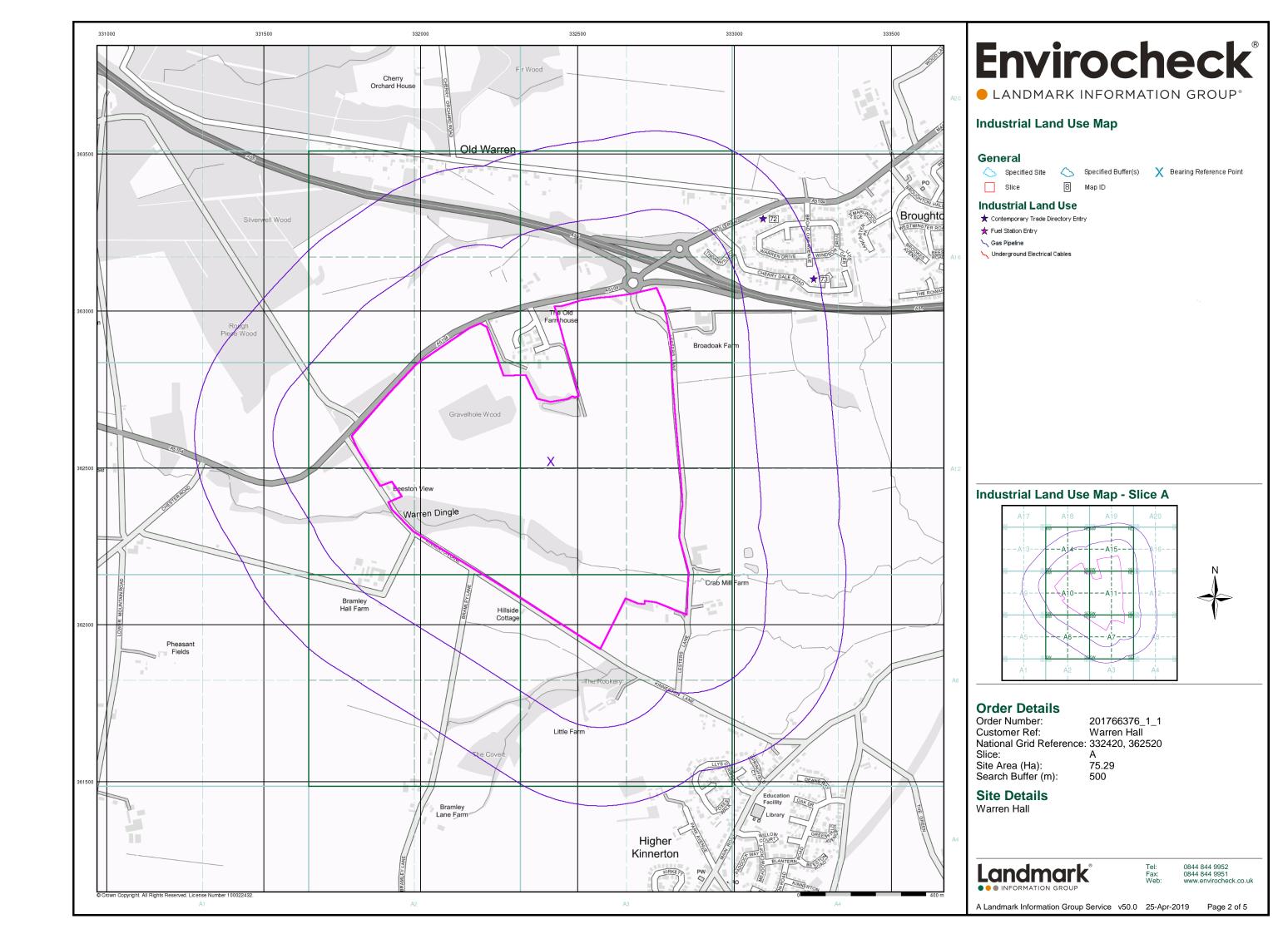


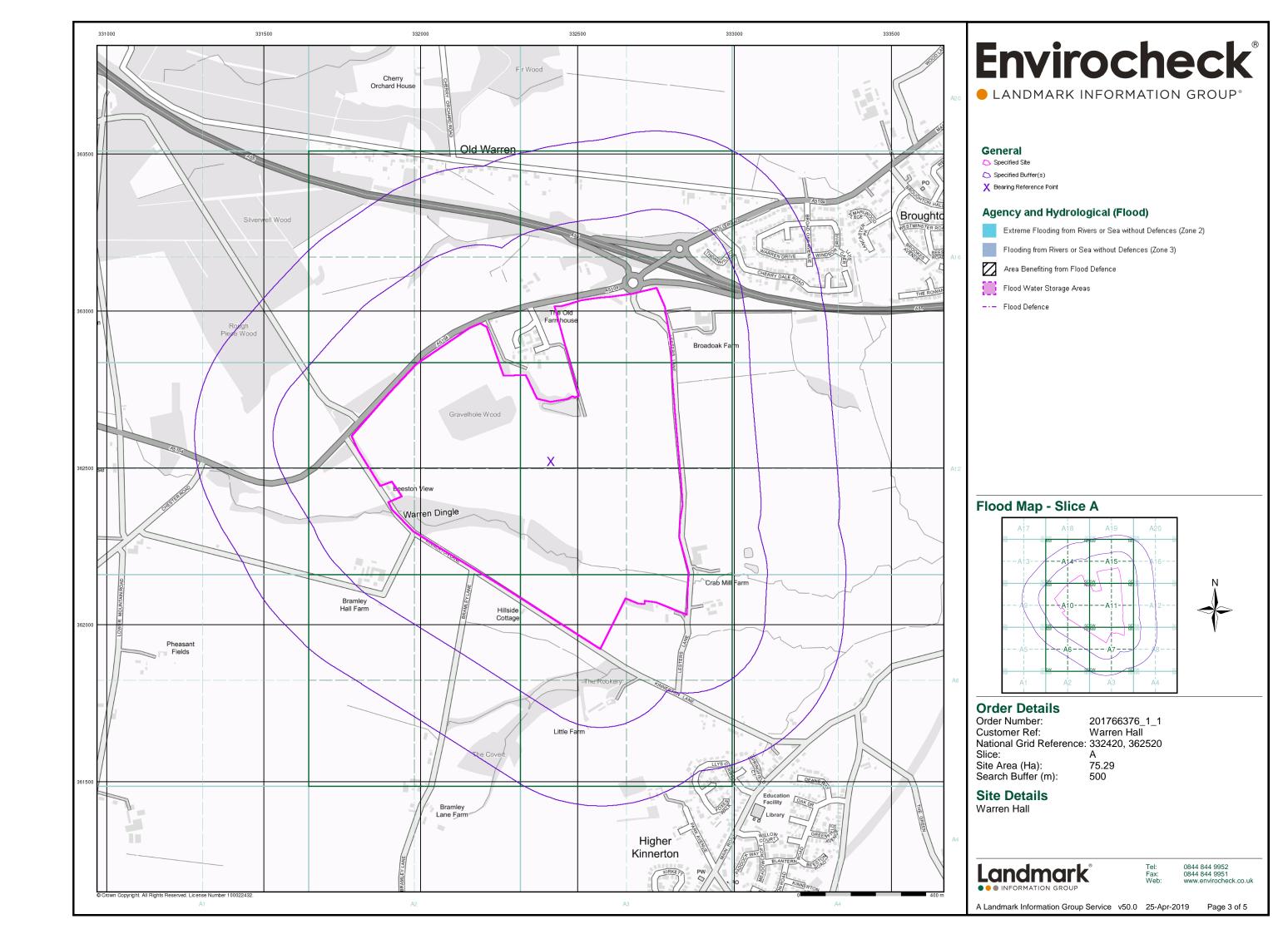
Useful Contacts

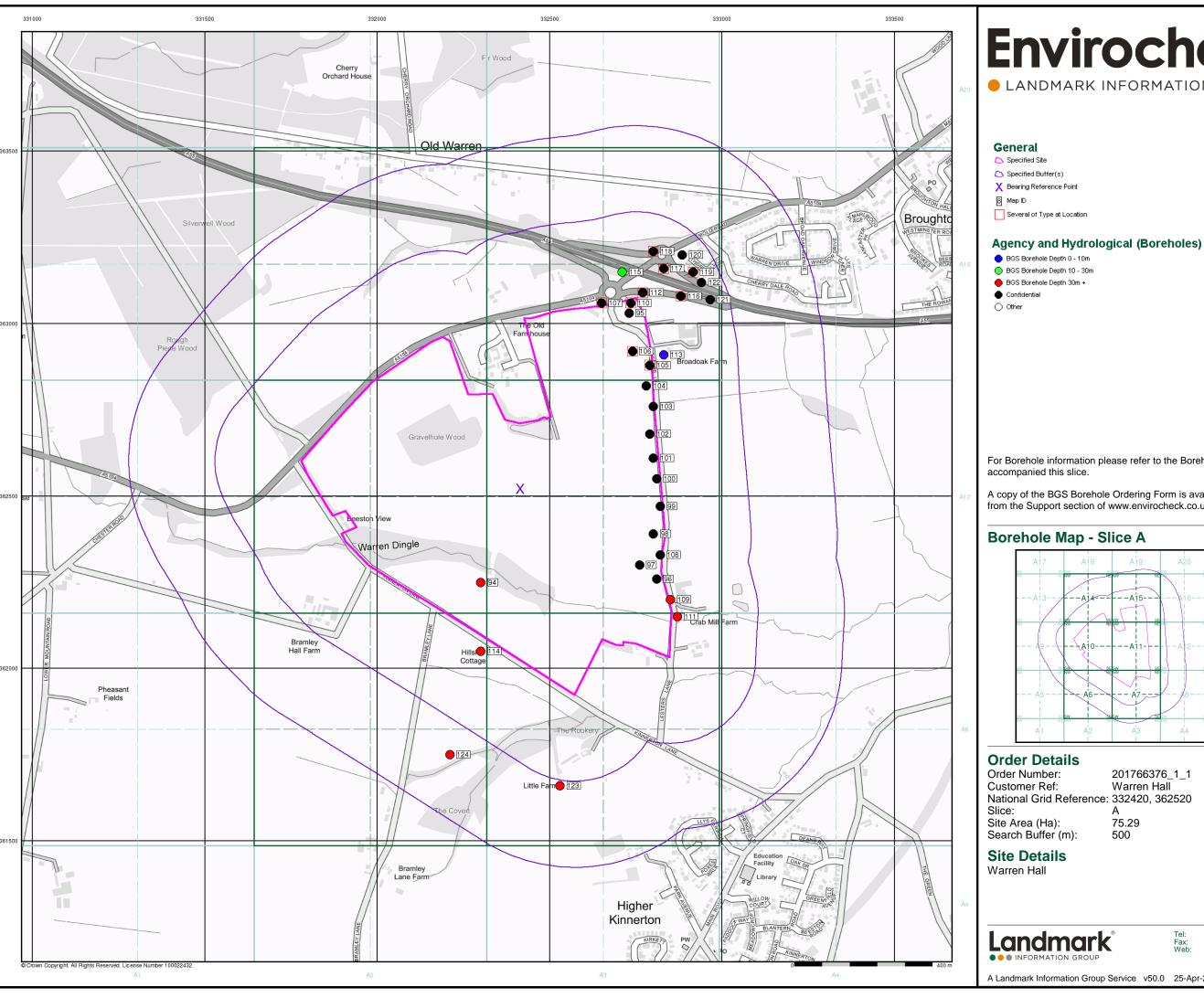
Contact	Name and Address	Contact Details
1	British Geological Survey - Enquiry Service British Geological Survey, Environmental Science Centre, Keyworth, Nottingham, Nottinghamshire, NG12 5GG	Telephone: 0115 936 3143 Fax: 0115 936 3276 Email: enquiries@bgs.ac.uk Website: www.bgs.ac.uk
2	Natural Resources Wales Ty Cambria, 29 Newport Road, Cardiff, CF24 0TP	Telephone: 0300 065 3000 Email: enquiries@naturalresourceswales.gov.uk
3	Environment Agency - National Customer Contact Centre (NCCC) PO Box 544, Templeborough, Rotherham, S60 1BY	Telephone: 03708 506 506 Email: enquiries@environment-agency.gov.uk
4	Environment Agency - Head Office Rio House, Waterside Drive, Aztec West, Almondsbury, Bristol, Avon, BS32 4UD	Telephone: 01454 624400 Fax: 01454 624409
5	Ordnance Survey Adanac Drive, Southampton, Hampshire, SO16 0AS	Telephone: 03456 05 05 05 Email: customerservices@ordnancesurvey.co.uk Website: www.ordnancesurvey.gov.uk
6	Flintshire Council - Environmental Health Department County Hall, Mold, Flintshire, CH7 6NF	Telephone: 01352 703413 Fax: 01352 703441 Website: www.flintshire.gov.uk
7	Chester City Council (now part of Cheshire West and Chester Council) 58 Nicholas Street, Chester, Cheshire, CH1 2NP	Telephone: 0300 123 8123 Email: enquiries@cheshirewestandchester.gov.uk Website: www.cheshirewestandchester.gov.uk
-	Public Health England - Radon Survey, Centre for Radiation, Chemical and Environmental Hazards Chilton, Didcot, Oxfordshire, OX11 0RQ	Telephone: 01235 822622 Fax: 01235 833891 Email: radon@phe.gov.uk Website: www.ukradon.org
-	Landmark Information Group Limited Imperium, Imperial Way, Reading, Berkshire, RG2 0TD	Telephone: 0844 844 9952 Fax: 0844 844 9951 Email: customerservices@landmarkinfo.co.uk Website: www.landmarkinfo.co.uk

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







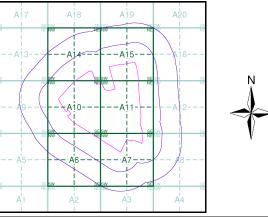


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For Borehole information please refer to the Borehole .csv file which

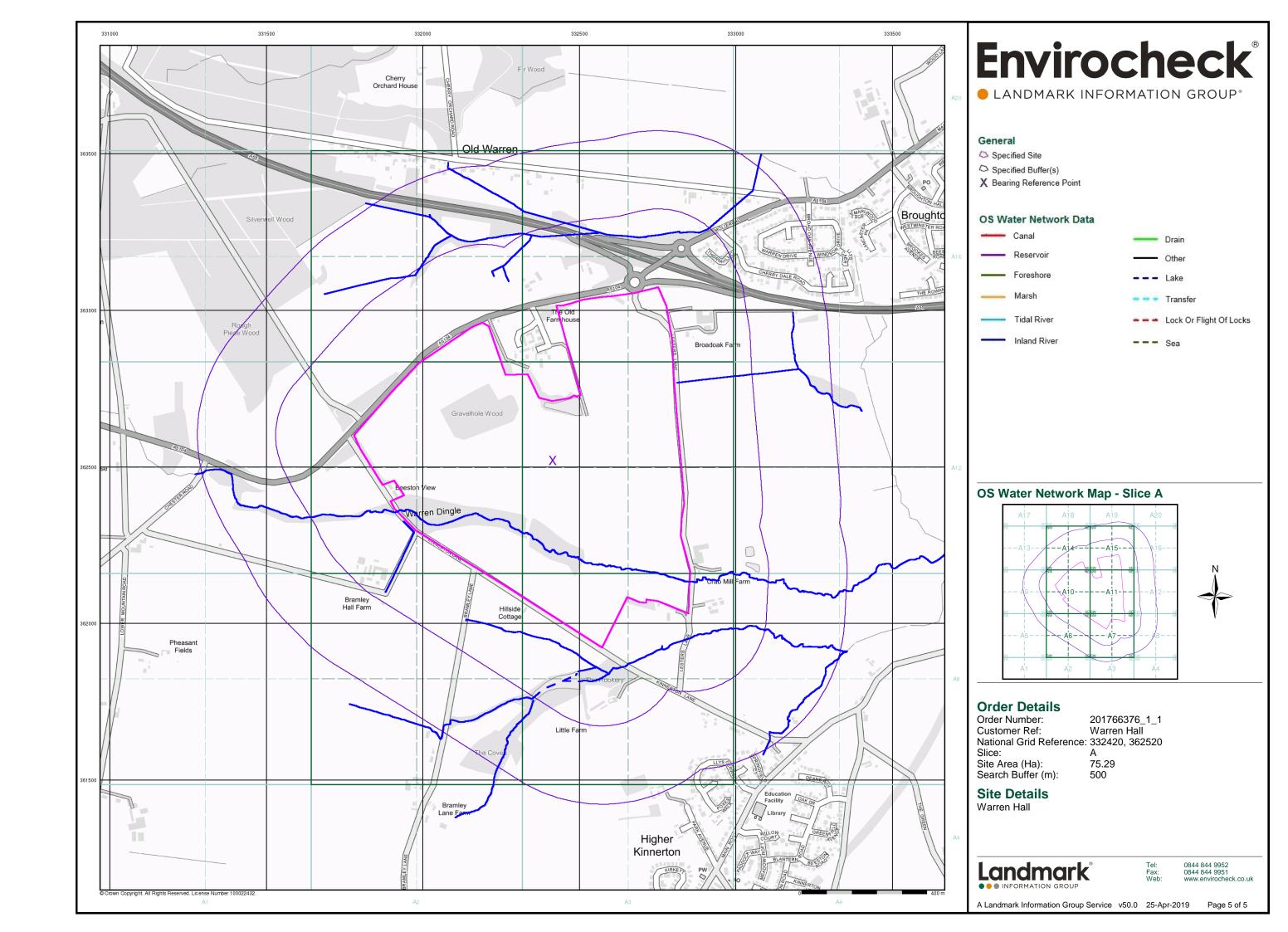
A copy of the BGS Borehole Ordering Form is available to download from the Support section of www.envirocheck.co.uk.

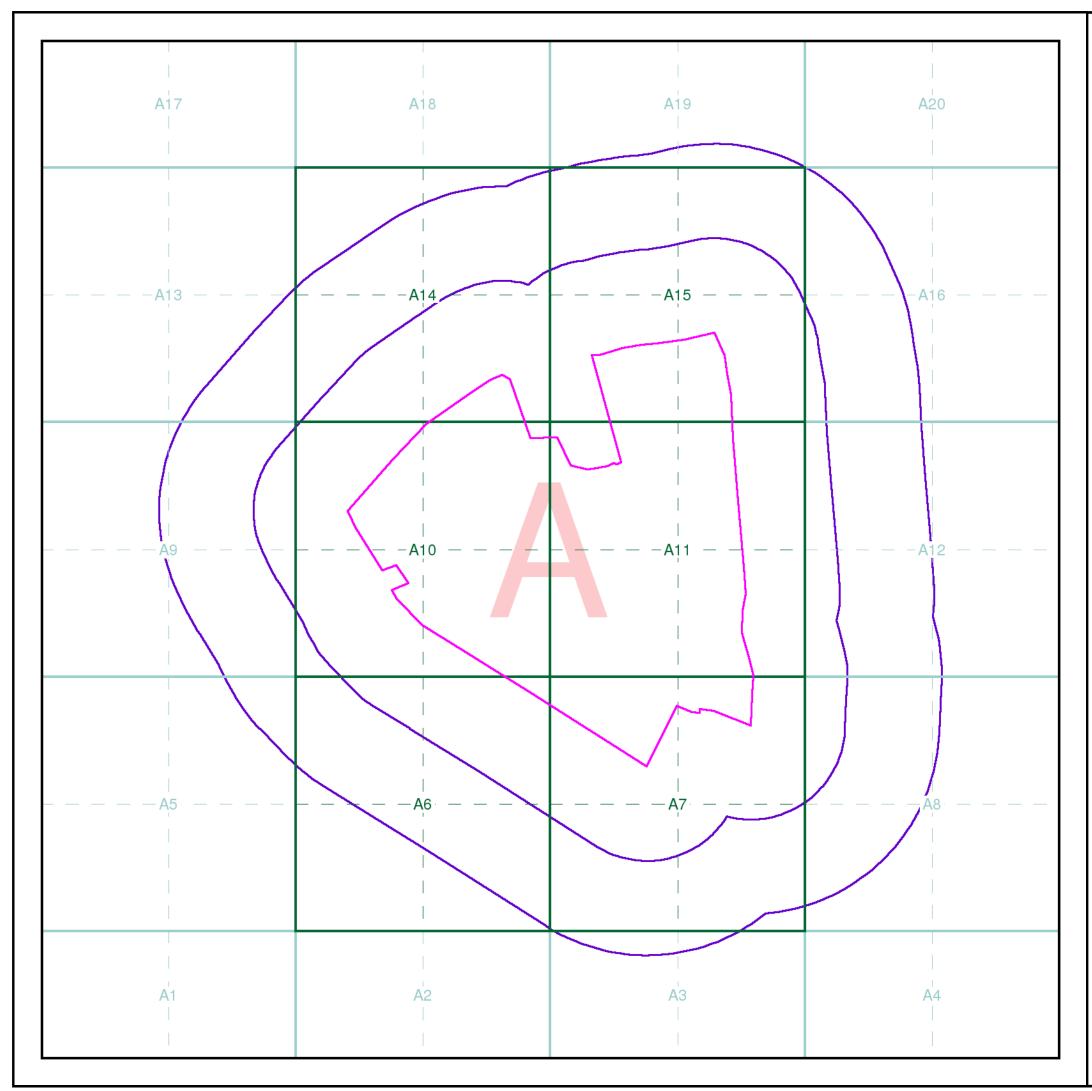


National Grid Reference: 332420, 362520

0844 844 9951 www.envirocheck.co.uk

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Index Map

For ease of identification, your site and buffer have been split into Slices, Segments and Quadrants. These are illustrated on the Index Map opposite and explained further below.

Slice

Each slice represents a 1:10,000 plot area (2.7km x 2.7km) for your site and buffer. A large site and buffer may be made up of several slices (represented by a red outline), that are referenced by letters of the alphabet, starting from the bottom left corner of the slice "grid". This grid does not relate to National Grid lines but is designed to give best fit over the site and buffer.

Seamer

A segment represents a 1:2,500 plot area. Segments that have plot files associated with them are shown in dark green, others in light blue. These are numbered from the bottom left hand corner within each slice.

Quadrant

A quadrant is a quarter of a segment. These are labelled as NW, NE, SW, SE and are referenced in the datasheet to allow features to be quickly located on plots. Therefore a feature that has a quadrant reference of A7NW will be in Slice A, Segment 7 and the NW Quadrant.

A selection of organisations who provide data within this report:







Envirocheck reports are compiled from 136 different sources of data.

Client Details

Mr A Lamb, WYG Engineering Ltd, Quay West, Trafford Wharf Road, Trafford Park, Manchester, M17 1HH

Order Details

Order Number: 201766376_1_1
Customer Ref: Warren Hall
National Grid Reference: 332400, 362510
Site Area (Ha): 75.29

Site Area (Ha): 75.2 Search Buffer (m): 500

Site Details

Warren Hall

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