# Cottam Solar Project

## Environmental Statement Appendix 11.4:

Geo-Environmental Risk Assessment Cable Corridor Part 4 of 4

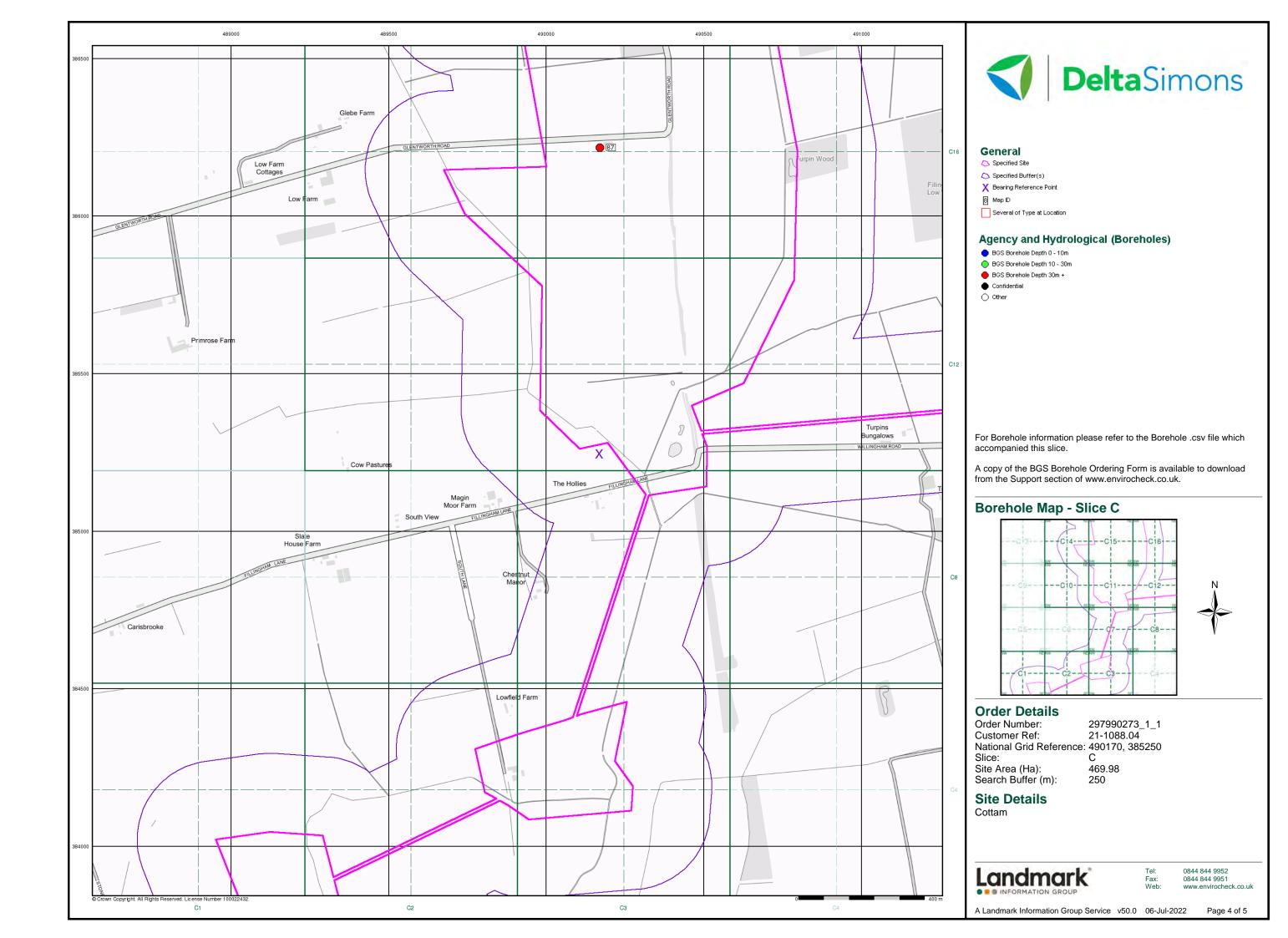
Prepared by: Delta Simons
January 2023

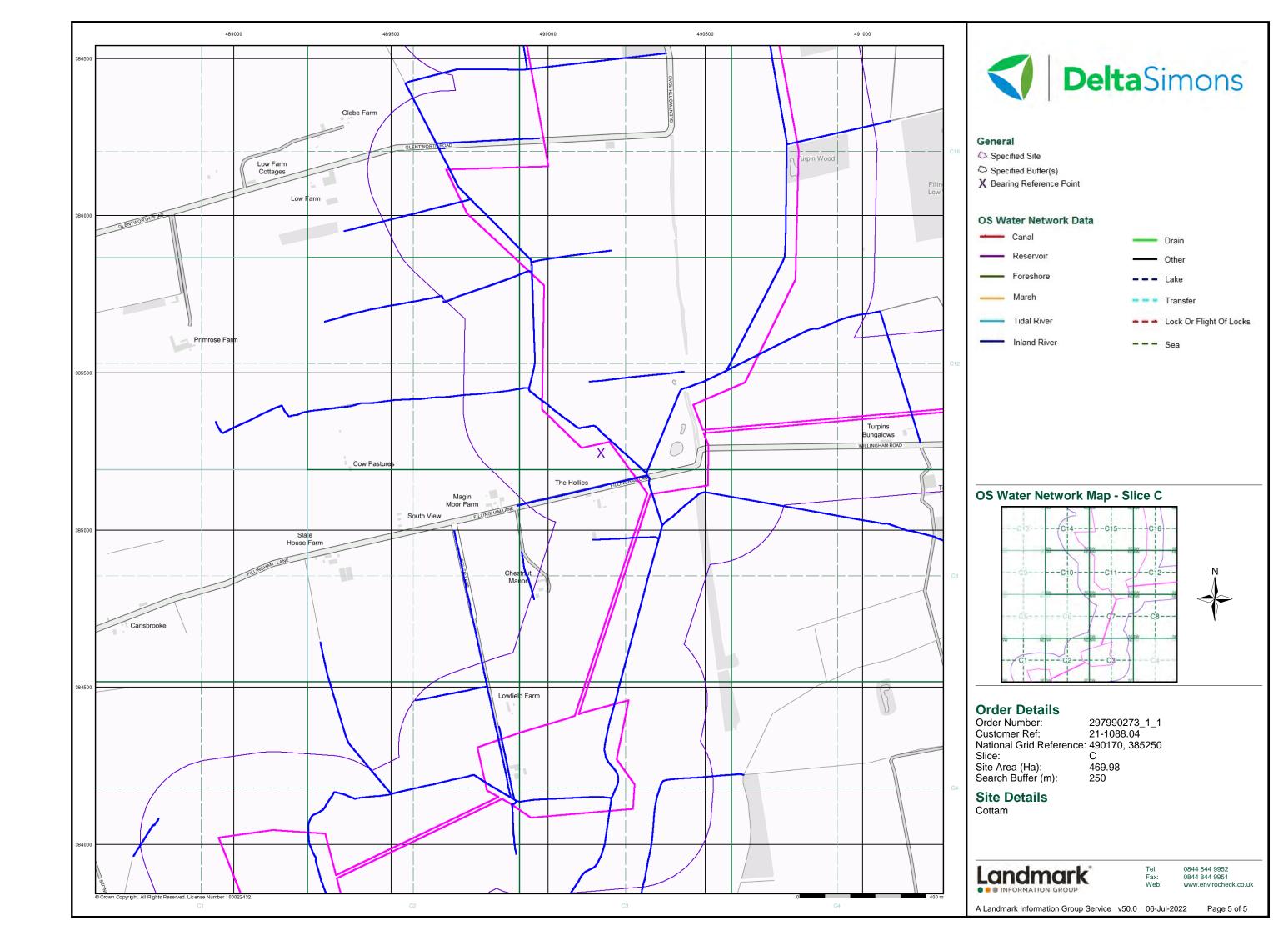
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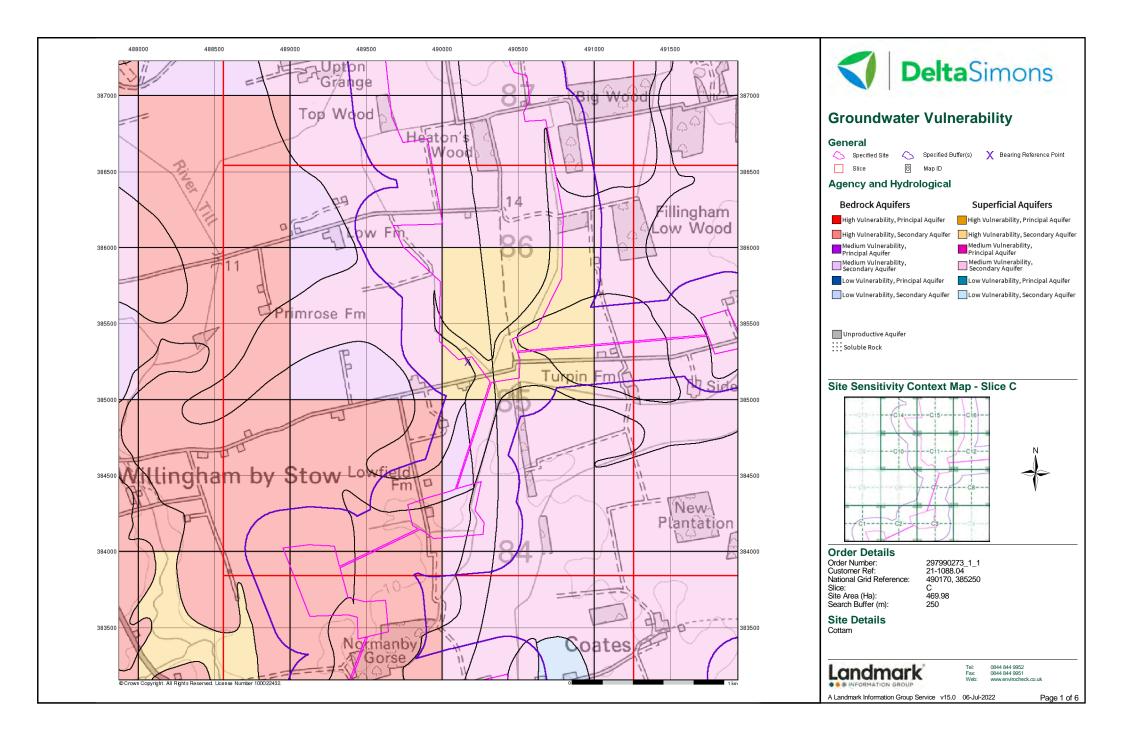
Document reference: APP/C6.3.11.4

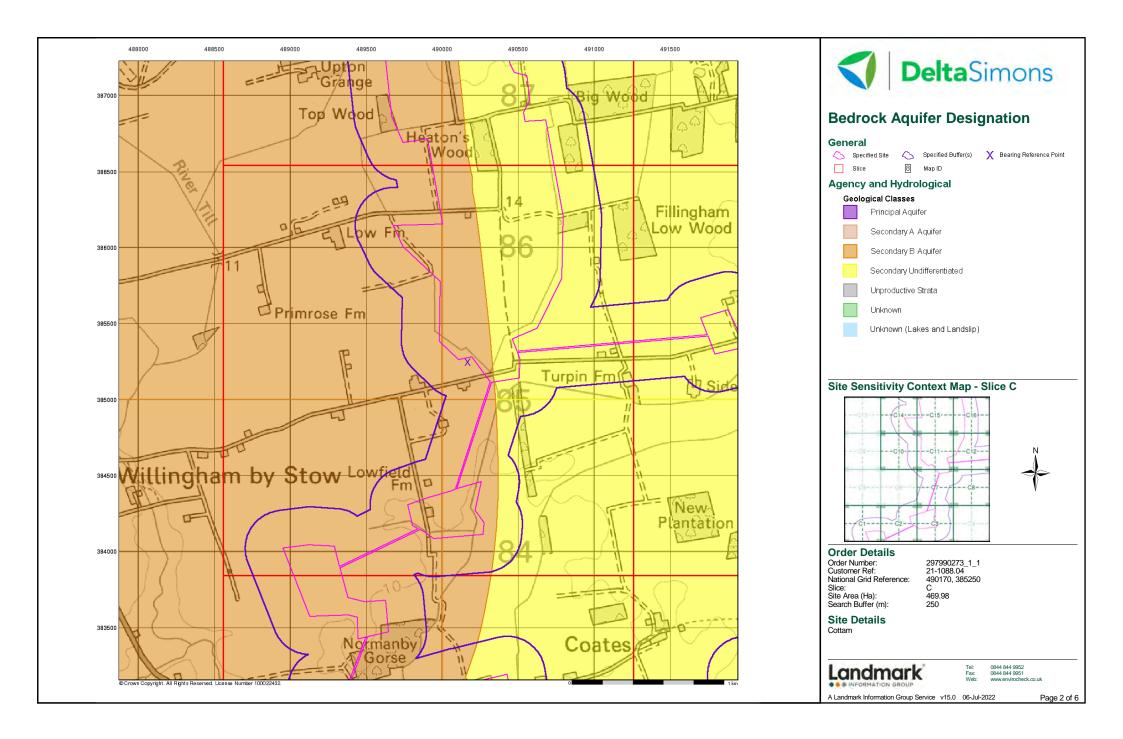
APFP Regulation 5(2)(a)

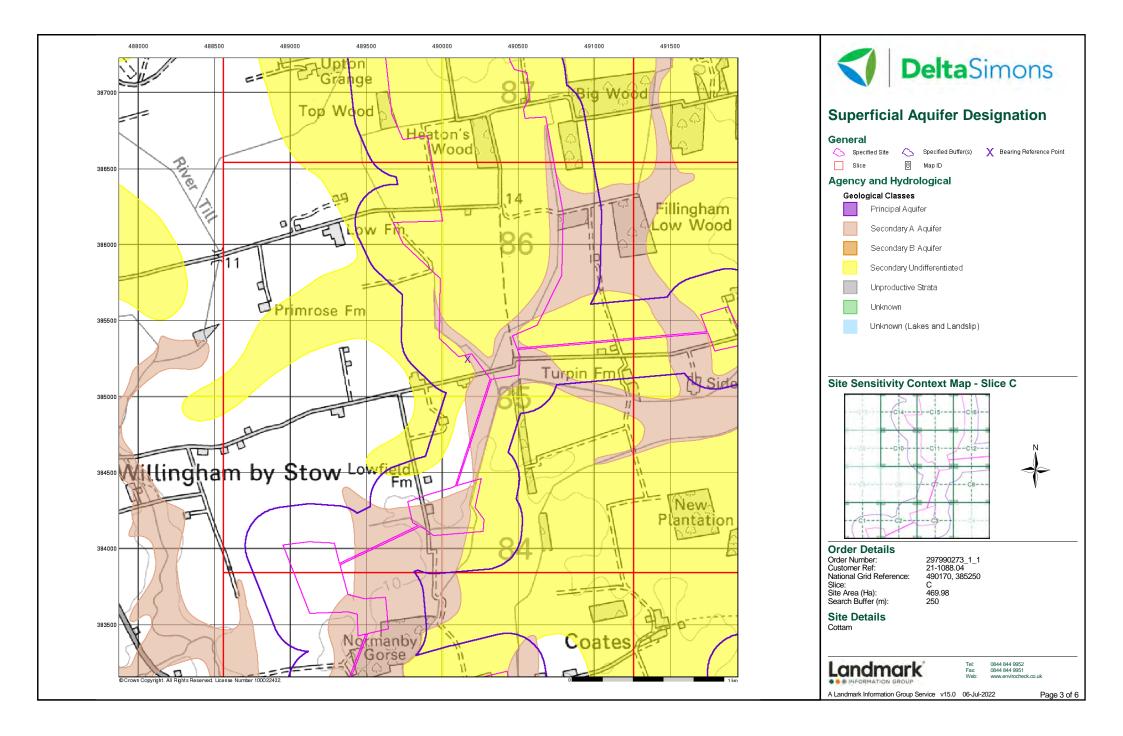


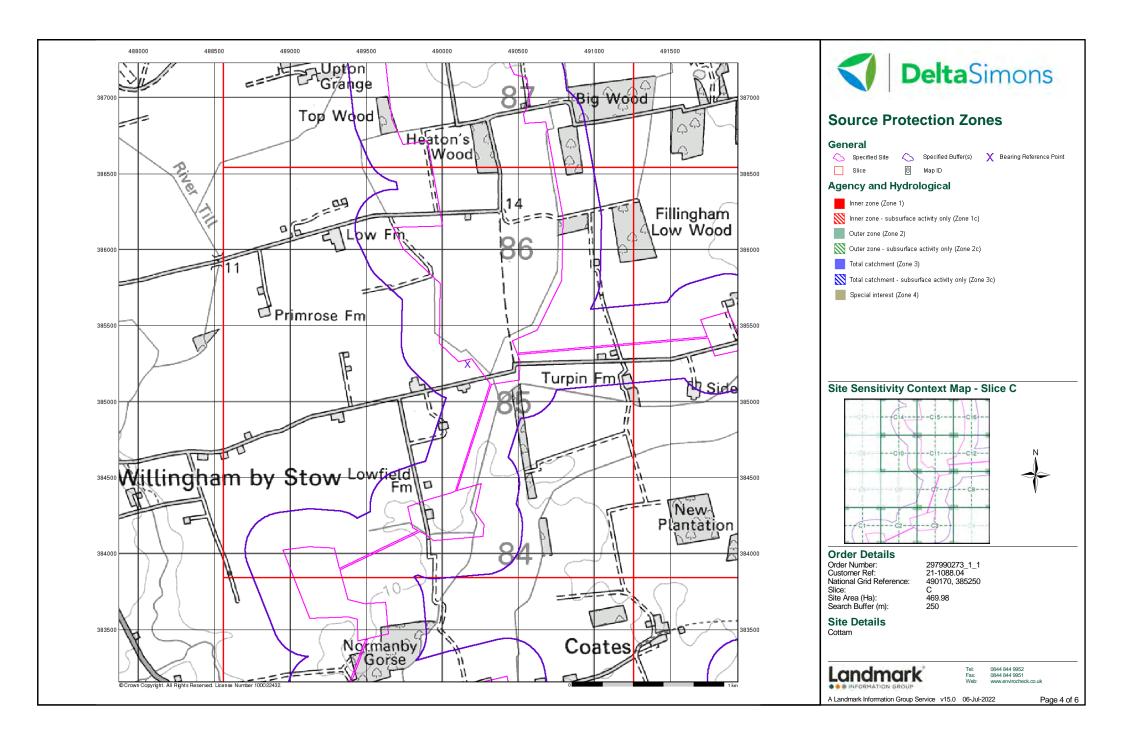


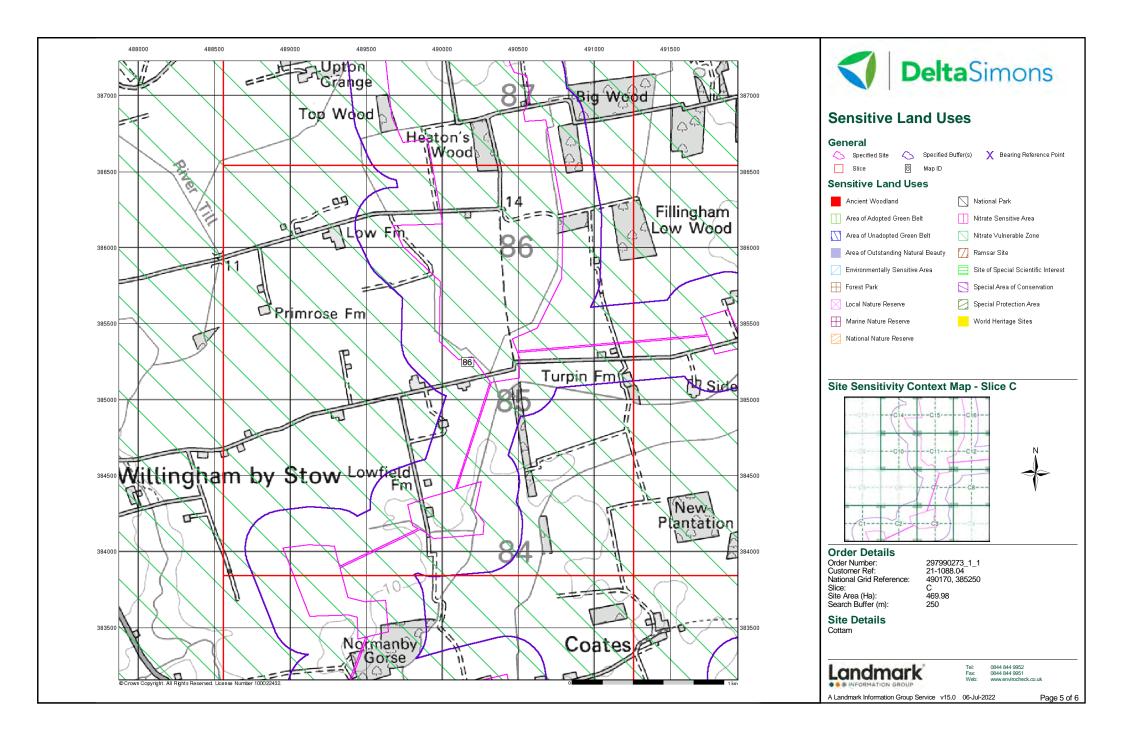


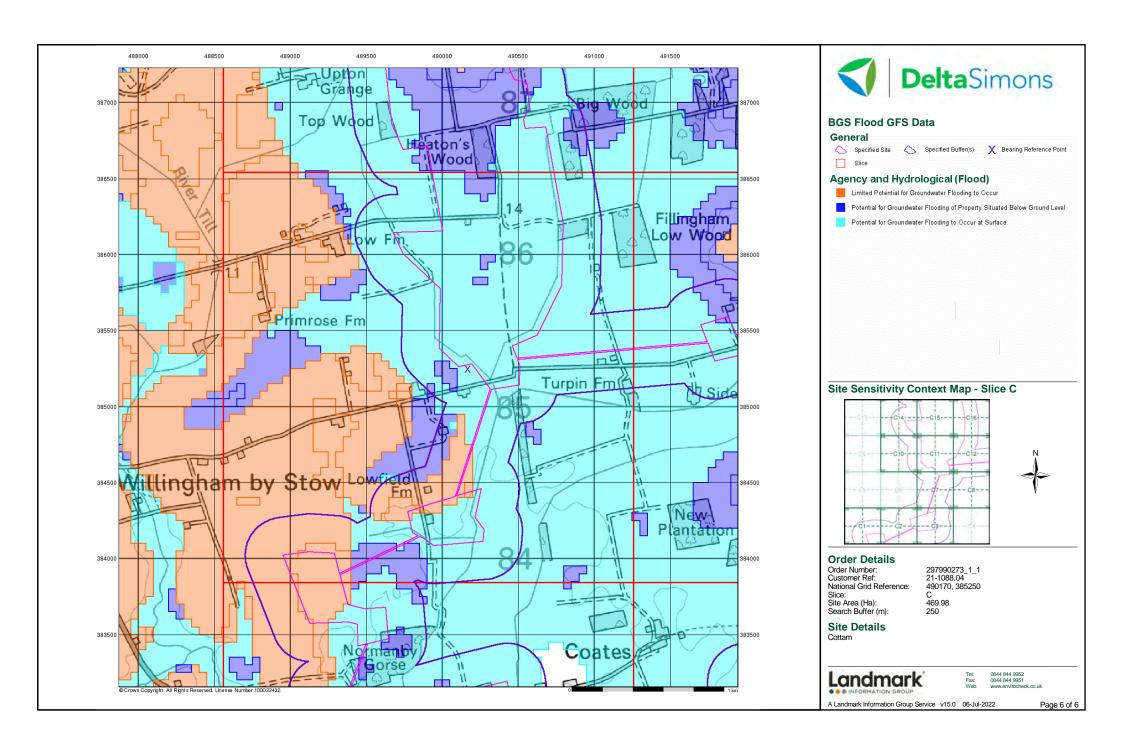














## **Envirocheck® Report:**

#### **Datasheet**

#### **Order Details:**

**Order Number:** 

297990273\_1\_1

**Customer Reference:** 

21-1088.04

**National Grid Reference:** 

492420, 385520

Slice:

D

Site Area (Ha):

469.98

Search Buffer (m):

250

#### **Site Details:**

Cottam

#### **Client Details:**

Ms M Booth Delta Simons Suite 4A One Portland Street Manchester M1 3BE







Report Section	Page Number
Summary	-
Agency & Hydrological	1
Waste	10
Hazardous Substances	-
Geological	11
Industrial Land Use	-
Sensitive Land Use	13
Data Currency	14
Data Suppliers	18
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#### Introduction

The Environment Act 1995 has made site sensitivity a key issue, as the legislation pays as much attention to the pathways by which contamination could spread,

and to the vulnerable targets of contamination, as it does the potential sources of contamination.

For this reason, Landmark's Site Sensitivity maps and Datasheet(s) place great emphasis on statutory data provided by the Environment Agency/Natural Resources Wales and the Scottish Environment Protection Agency; it also incorporates data from Natural England (and the Scottish and Welsh equivalents) and Local Authorities; and highlights hydrogeological features required by environmental and geotechnical consultants. It does not include any information concerning past uses of land. The datasheet is produced by querying the Landmark database to a distance defined by the client from a site boundary provided by the client. In this datasheet the National Grid References (NGRs) are rounded to the nearest 10m in accordance with Landmark's agreements with a number of Data Suppliers.

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Report Version v53.0





Data Type	Page Number	On Site	0 to 250m (*up to 500m)
Agency & Hydrological			
BGS Groundwater Flooding Susceptibility	pg 1	Yes	Yes
Contaminated Land Register Entries and Notices			
Discharge Consents	pg 1		1
Prosecutions Relating to Controlled Waters			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 1	Yes	
Pollution Incidents to Controlled Waters			
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			
Water Industry Act Referrals			
Groundwater Vulnerability Map	pg 2	Yes	n/a
Groundwater Vulnerability - Soluble Rock Risk			n/a
Bedrock Aquifer Designations	pg 6	Yes	n/a
Superficial Aquifer Designations	pg 6	Yes	n/a
Source Protection Zones			
Extreme Flooding from Rivers or Sea without Defences	pg 7	Yes	
Flooding from Rivers or Sea without Defences	pg 7	Yes	
Areas Benefiting from Flood Defences			
Flood Water Storage Areas			
Flood Defences			
OS Water Network Lines	pg 7	7	17





Data Type	Page Number	On Site	0 to 250m (*up to 500m)
Waste			
BGS Recorded Landfill Sites			
Historical Landfill Sites			
Integrated Pollution Control Registered Waste Sites			
Licensed Waste Management Facilities (Landfill Boundaries)			
Licensed Waste Management Facilities (Locations)			
Local Authority Landfill Coverage	pg 10	2	n/a
Local Authority Recorded Landfill Sites			
Registered Landfill Sites			
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 11	Yes	n/a
BGS Recorded Mineral Sites			
CBSCB Compensation District			n/a
Coal Mining Affected Areas			n/a
Mining Instability			n/a
Man-Made Mining Cavities			
Natural Cavities			
Non Coal Mining Areas of Great Britain			
Potential for Collapsible Ground Stability Hazards	pg 11	Yes	
Potential for Compressible Ground Stability Hazards	pg 11	Yes	
Potential for Ground Dissolution Stability Hazards			
Potential for Landslide Ground Stability Hazards	pg 11	Yes	
Potential for Running Sand Ground Stability Hazards	pg 11	Yes	
Potential for Shrinking or Swelling Clay Ground Stability Hazards	pg 11	Yes	
Radon Potential - Radon Affected Areas			n/a
Radon Potential - Radon Protection Measures			n/a



### **Summary**

Data Type	Page Number	On Site	0 to 250m (*up to 500m)
Industrial Land Use			
Contemporary Trade Directory Entries			
Fuel Station Entries			
Gas Pipelines			
Underground Electrical Cables			
Sensitive Land Use			
Ancient Woodland			
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 13	1	
Ramsar Sites			
Sites of Special Scientific Interest			
Special Areas of Conservation			
Special Protection Areas			
World Heritage Sites			



Map ID		Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	BGS Groundwater F	Flooding Susceptibility				
	Flooding Type:	Potential for Groundwater Flooding of Property Situated Below Ground Level	(NW)	0	1	490350 386400
	BGS Groundwater F Flooding Type:	Flooding Susceptibility Potential for Groundwater Flooding of Property Situated Below Ground Level	(S)	0	1	492300 383450
	BGS Groundwater F	Flooding Susceptibility				
	Flooding Type:	Potential for Groundwater Flooding of Property Situated Below Ground Level	D10SE (SE)	0	1	492550 385300
	BGS Groundwater F	Flooding Susceptibility				
	Flooding Type:	Potential for Groundwater Flooding of Property Situated Below Ground Level	D10NE (N)	0	1	492421 385800
	BGS Groundwater F	Flooding Susceptibility				
	Flooding Type:	Potential for Groundwater Flooding to Occur at Surface	D10SE (NW)	0	1	492421 385517
	BGS Groundwater F	Flooding Susceptibility				
	Flooding Type:	Potential for Groundwater Flooding to Occur at Surface	D6NE (S)	0	1	492421 385000
	BGS Groundwater F	Flooding Susceptibility				
	Flooding Type:	Potential for Groundwater Flooding of Property Situated Below Ground Level	D7NE (SE)	33	1	492950 385150
	BGS Groundwater F	Flooding Susceptibility				
	Flooding Type:	Potential for Groundwater Flooding of Property Situated Below Ground Level	(NW)	100	1	491150 386750
	BGS Groundwater F	Flooding Susceptibility				
	Flooding Type:	Potential for Groundwater Flooding of Property Situated Below Ground Level	D15SE (NE)	100	1	493150 386000
	BGS Groundwater F	Flooding Susceptibility				
	Flooding Type:	Potential for Groundwater Flooding of Property Situated Below Ground Level	D10NW (NW)	110	1	492000 385750
	BGS Groundwater F	Flooding Susceptibility				
	Flooding Type:	Potential for Groundwater Flooding of Property Situated Below Ground Level	D6NE (S)	205	1	492550 385000
	BGS Groundwater F	Flooding Susceptibility				
	Flooding Type:	Potential for Groundwater Flooding of Property Situated Below Ground Level	(W)	246	1	490650 384850
	Discharge Consents	5				
1	Operator: Property Type: Location: Authority:	Simon Skelton Domestic Property (Single) North Farm, Fillingham Willingham Road, Fillingham, Gainsborough, Lincolnshire, Dn21 5bj Environment Agency, Anglian Region	D9NE (W)	55	2	491920 385630
	Catchment Area: Reference: Permit Version:	River Till Prnnf12935 1 2th July 2003				
	Effective Date: Issued Date: Revocation Date:	7th July 2003 15th July 2003 Not Supplied				
	Discharge Type: Discharge Environment:	Sewage Discharges - Final/Treated Effluent - Not Water Company Freshwater Stream/River				
	Receiving Water: Status:	Unnamed Trib Of River Till New Consent (Water Resources Act 1991, Section 88 & Schedule 10 as				
	Positional Accuracy:	amended by Environment Act 1995) Located by supplier to within 10m				
	Nearest Surface Wa	ter Feature				
			D11NW (NE)	0	-	49275 38572



Map ID		Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	Groundwater Vulne	erability Map				
	Combined Classification:	Secondary Superficial Aquifer - High Vulnerability	(W)	0	3	491000 385517
	Combined Vulnerability:	High				000011
	Combined Aquifer: Pollutant Speed:	Productive Bedrock Aquifer, Productive Superficial Aquifer High				
	Bedrock Flow: Dilution:	Well Connected Fractures <300 mm/year				
	Baseflow Index: Superficial	40-70% >90%				
	Patchiness: Superficial	<3m				
	Thickness: Superficial	Low				
	Recharge:					
	Groundwater Vulne Combined	erability Map Secondary Superficial Aquifer - High Vulnerability	(W)	0	3	490693
	Classification: Combined		(۷۷)		S	385847
	Vulnerability: Combined Aquifer:	High  Productive Bedrock Aquifer, Productive Superficial Aquifer				
	Pollutant Speed: Bedrock Flow:	High Well Connected Fractures				
	Dilution:	<300 mm/year				
	Baseflow Index: Superficial	40-70% >90%				
	Patchiness: Superficial	<3m				
	Thickness: Superficial Recharge:	Low				
	Groundwater Vulne	erability Map				
	Combined Classification:	Secondary Superficial Aquifer - High Vulnerability	(W)	0	3	491000 385682
	Combined Vulnerability:	High				303002
	Combined Aquifer: Pollutant Speed:	Productive Bedrock Aquifer, Productive Superficial Aquifer High				
	Bedrock Flow:	Well Connected Fractures <300 mm/year				
	Baseflow Index: Superficial	40-70% >90%				
	Patchiness: Superficial	<3m				
	Thickness:	Low				
	Superficial Recharge:	2011				
	Groundwater Vulne	•	B00111		6	40.4.5
	Combined Classification:	Secondary Superficial Aquifer - Medium Vulnerability	D9SW (W)	0	3	491481 385366
	Combined Vulnerability:	Medium				
	Combined Aquifer: Pollutant Speed:	Productive Bedrock Aquifer, Productive Superficial Aquifer Low				
	Bedrock Flow: Dilution:	Poorly Connected Fractures <300 mm/year				
	Baseflow Index: Superficial	40-70% >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 Superficial Aquifer - Medium Vulnerability	D10SW (W)	0	3	492000 385517
	Combined Vulnerability:	Medium	(**)			303317
	Combined Aquifer: Pollutant Speed:	Productive Bedrock Aquifer, Productive Superficial Aquifer Low				
	Bedrock Flow:	Poorly Connected Fractures				
	Dilution:	<300 mm/year				
	Baseflow Index: Superficial	40-70% >90%				
	Patchiness:	25070				
	Superficial	3-10m				
	Thickness: Superficial	High				
	Recharge:	riigii				
	Groundwater Vulne	erability Map				
	Combined Classification:	Secondary Superficial Aquifer - Medium Vulnerability	D10SW (SW)	0	3	492000 385247
	Combined	Medium	(3**)			303247
	Vulnerability: Combined Aquifer:	Productive Bedrock Aguifer, Productive Superficial Aguifer				
	Pollutant Speed:	Low				
	Bedrock Flow:	Poorly Connected Fractures				
	Dilution: Baseflow Index:	<300 mm/year 40-70%				
	Superficial	>90%				
	Patchiness:	0.40				
	Superficial Thickness:	3-10m				
	Superficial	High				
	Recharge:					
	Groundwater Vulne	erability Map				
	Combined Classification:	Secondary Superficial Aquifer - Medium Vulnerability	D10SE	0	3	492476 385350
	Combined	Medium	(S)			365350
	Vulnerability:					
	Combined Aquifer:	Productive Bedrock Aquifer, Productive Superficial Aquifer				
	Pollutant Speed: Bedrock Flow:	Low Poorly Connected Fractures				
	Dilution:	<300 mm/year				
	Baseflow Index: Superficial	40-70% >90%				
	Patchiness:	/30 /0				
	Superficial	3-10m				
	Thickness: Superficial	High				
	Recharge:	High				
	Groundwater Vulne	erability Map				
	Combined	Secondary Superficial Aquifer - Medium Vulnerability	D10NW	0	3	492201
	Classification: Combined	Medium	(W)			385545
	Vulnerability: Combined Aquifer:	Productive Bedrock Aquifer, Productive Superficial Aquifer				
	Pollutant Speed:	Low				
	Bedrock Flow:	Poorly Connected Fractures				
	Dilution: Baseflow Index:	<300 mm/year 40-70%				
	Superficial	>90%				
	Patchiness:	2 10m				
	Superficial Thickness:	3-10m				
	Superficial	High				
	Recharge:					



Map ID		Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	Groundwater Vulne	erability Map				
	Combined	Secondary Superficial Aquifer - Medium Vulnerability	D15SW	0	3	492829
	Classification: Combined	Medium	(NE)			386000
	Vulnerability: Combined Aquifer: Pollutant Speed: Bedrock Flow:	Productive Bedrock Aquifer, Productive Superficial Aquifer Low Poorly Connected Fractures				
	Dilution: Baseflow Index: Superficial Patchiness:	<300 mm/year 40-70% >90%				
	Superficial Thickness: Superficial	>10m Low				
	Recharge:					
	Groundwater Vulne		2.525		6	400000
	Combined Classification:	Secondary Superficial Aquifer - Medium Vulnerability	D15SE (NE)	0	3	493000 386000
	Combined Vulnerability: Combined Aquifer:	Medium  Productive Bedrock Aquifer, Productive Superficial Aquifer				
	Pollutant Speed: Bedrock Flow: Dilution:	Low Poorly Connected Fractures <300 mm/year				
	Baseflow Index: Superficial Patchiness:	40-70% >90%				
	Superficial Thickness:	>10m				
	Superficial Recharge:	High				
	Groundwater Vulne	erability Map				
	Combined Classification:	Secondary Superficial Aquifer - Medium Vulnerability	D10SE (NW)	0	3	492421 385517
	Combined Vulnerability:	Medium				
	Combined Aquifer: Pollutant Speed: Bedrock Flow:	Productive Bedrock Aquifer, Productive Superficial Aquifer Low Poorly Connected Fractures				
	Dilution: Baseflow Index:	40-70%				
	Superficial Patchiness: Superficial	>90% 3-10m				
	Thickness: Superficial Recharge:	High				
	Groundwater Vulne	erability Map				
	Combined Classification:	Secondary Superficial Aquifer - Medium Vulnerability	D11SE (E)	0	3	493000 385517
	Combined Vulnerability:	Medium	(-,			
	Combined Aquifer: Pollutant Speed: Bedrock Flow:	Productive Bedrock Aquifer, Productive Superficial Aquifer Low Poorly Connected Fractures				
	Dilution: Baseflow Index:	<300 mm/year 40-70%				
	Superficial Patchiness: Superficial	>90% 3-10m				
	Thickness: Superficial Recharge:	No Data				



Map ID		Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	Groundwater Vulne	erability Map				
	Combined	Secondary Superficial Aquifer - Medium Vulnerability	(NW)	0	3	491000
	Classification: Combined	Medium				387000
	Vulnerability: Combined Aquifer:	Productive Bedrock Aquifer, Productive Superficial Aquifer				
	Pollutant Speed: Bedrock Flow:	Low Well Connected Fractures				
	Dilution:	<300 mm/year				
	Baseflow Index:	40-70%				
	Superficial	>90%				
	Patchiness: Superficial	>10m				
	Thickness:	>10111				
	Superficial	Low				
	Recharge:					
	Groundwater Vulne	erability Map				
	Combined	Secondary Superficial Aquifer - Medium Vulnerability	(NW)	0	3	491000
	Classification:	Ma dissa				386345
	Combined Vulnerability:	Medium				
	Combined Aquifer:	Productive Bedrock Aquifer, Productive Superficial Aquifer				
	Pollutant Speed:	Low				
	Bedrock Flow:	Well Connected Fractures				
	Dilution:	<300 mm/year				
	Baseflow Index: Superficial	40-70% >90%				
	Patchiness:	23070				
	Superficial	3-10m				
	Thickness:					
	Superficial Recharge:	Low				
	Groundwater Vulne	arahility Man				
	Combined	Secondary Superficial Aquifer - Medium Vulnerability	(W)	0	3	491000
	Classification:	occordary Supernolar Adulter Medium Valinerability	(**)		J	386000
	Combined	Medium				
	Vulnerability:					
	Combined Aquifer: Pollutant Speed:	Productive Bedrock Aquifer, Productive Superficial Aquifer Low				
	Bedrock Flow:	Well Connected Fractures				
	Dilution:	<300 mm/year				
	Baseflow Index:	40-70%				
	Superficial Patchiness:	>90%				
	Superficial	3-10m				
	Thickness:	· · · · · · · · · · · · · · · · · · ·				
	Superficial	Low				
	Recharge:					
	Groundwater Vulne					
	Combined Classification:	Secondary Superficial Aquifer - Medium Vulnerability	(SW)	0	3	491000 384000
	Combined	Medium				304000
	Vulnerability:					
	Combined Aquifer:	Productive Bedrock Aquifer, Productive Superficial Aquifer				
	Pollutant Speed:	Low				
	Bedrock Flow: Dilution:	Well Connected Fractures <300 mm/year				
	Baseflow Index:	40-70%				
	Superficial	>90%				
	Patchiness:					
	Superficial	<3m				
	Thickness: Superficial	Low				
	Recharge:	LOW				1



Page 6 of 19

		Details	Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	ındwater Vulne	rability Map				
Comb		Secondary Superficial Aquifer - Medium Vulnerability	(SW)	0	3	490615
	sification:	occordary capcinolar riquitor integration value about	(3.1)		· ·	383417
Comb		Medium				
	erability:					
	bined Aquifer:	Productive Bedrock Aquifer, Productive Superficial Aquifer				
	itant Speed: ock Flow:	Low Well Connected Fractures				
Dilutio		<300 mm/year				
	eflow Index:	40-70%				
	erficial	>90%				
	hiness:	2				
	erficial kness:	<3m				
	erficial	Low				
	narge:	LOW				
	ındwater Vulne	•		_	_	
Comb		Secondary Superficial Aquifer - Medium Vulnerability	D2SW	0	3	492000
Comb	sification:	Madium	(S)			384000
	oined erability:	Medium				
	bined Aquifer:	Productive Bedrock Aquifer, Productive Superficial Aquifer				
Pollut	tant Speed:	Low				
	ock Flow:	Poorly Connected Fractures				
Dilutio		<300 mm/year				
	eflow Index: erficial	40-70% >90%				
	hiness:	~00/0				
	erficial	<3m				
	kness:					
	erficial	Low				
Rech	narge:					
Grou	ındwater Vulne	rability Map				
Comb		Secondary Superficial Aquifer - Medium Vulnerability	D2SE	0	3	49242 <sup>2</sup>
	sification:	Occordary Supernolar Adulter Integration Validations	(S)		J	384000
Comb		Medium	(-7			
	erability:					
	bined Aquifer:	Productive Bedrock Aquifer, Productive Superficial Aquifer				
	tant Speed:	Low				
Dilutio	ock Flow:	Poorly Connected Fractures				
	eflow Index:	<300 mm/year 40-70%				
	erficial	>90%				
	hiness:	20070				
Supe	erficial	<3m				
Thick	kness:					
	erficial	No Data				
Rech	narge:					
		rability - Soluble Rock Risk				
None	•					
Bedro	rock Aquifer De	signations				
Aquif	fer Designation:	Secondary Aquifer - Undifferentiated	D6NE	0	3	49242°
	<del>-</del>		(S)			385000
Bedr	ock Aquifer De	signations				
Aquif	fer Designation:	Secondary Aquifer - Undifferentiated	D10SE	0	3	49242 <sup>2</sup>
			(NW)			38551
Supe	erficial Aquifer	Designations				
1 -	=	Secondary Aquifer - Undifferentiated	D6NE	0	3	49242 <sup>-</sup>
, iquiit	.c. Doorgination.	ossoniany riquitor originoronitation	(S)		J	385000
Sune	erficial Aquifer	Designations	(-/			
1 -	=	Secondary Aquifer - Undifferentiated	D10SE	0	2	40247
Aquite	เอเ กองเลิแสแดน:	occondary Aquiler - Onumerentiated	(S)	"	3	492476 385350
Suna	erficial Aquifer	Designations	(5)			22000
_	·=	_	DAONIM		2	40000
Aquite	ier Designation:	Secondary Aquifer - Undifferentiated	D10NW (W)	0	3	49220° 38554
	outlaint A = 10:	Decimations	(۷۷)			30004
	erficial Aquifer	_				
_	fer Designation:	Secondary Aquifer - Undifferentiated	D9SW	0	3	49148
1 -			(W)			385366
Aquife		Designations				
Aquife	erficial Aquifer	Decignations	1			
Aquife	·=	Secondary Aquifer - A	(S)	0	3	
Aquife	·=	_	(S)	0	3	492545 383288
Aquife Supe Aquife	·=	Secondary Aquifer - A	(S)	0	3	



Order Number: 297990273\_1\_1

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	Extreme Flooding from Rivers or Sea without Defences  Type: Extent of Extreme Flooding from Rivers or Sea without Defences Flood Plain Type: Fluvial Models Boundary Accuracy: As Supplied	D10SE (NW)	0	2	492421 385517
	Flooding from Rivers or Sea without Defences  Type: Extent of Flooding from Rivers or Sea without Defences Flood Plain Type: Fluvial Models Boundary Accuracy: As Supplied	D10NE (N)	0	2	492405 385565
	Areas Benefiting from Flood Defences None				
	Flood Water Storage Areas None				
	Flood Defences None				
2	OS Water Network Lines  Watercourse Form: Inland river Watercourse Length: 2066.4 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Witham Primacy: 1	D10SW (W)	0	4	492211 385447
3	OS Water Network Lines  Watercourse Form: Inland river Watercourse Length: 704.8  Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Witham Primacy: 1	D9SW (W)	0	4	491477 385284
4	OS Water Network Lines  Watercourse Form: Inland river Watercourse Length: 163.6 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Witham Primacy: 1	D11NW (NE)	0	4	492757 385722
5	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: Witham Primacy: 1	D11SW (E)	0	4	492795 385501
6	OS Water Network Lines  Watercourse Form: Inland river Watercourse Length: 155.7 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Witham Primacy: 1	D11SW (E)	0	4	492848 385496
7	OS Water Network Lines  Watercourse Form: Inland river Watercourse Length: 6.2 Watercourse Level: Underground Permanent: True Watercourse Name: Not Supplied Catchment Name: Witham Primacy: 1	D11NW (NE)	0	4	492914 385764
8	OS Water Network Lines  Watercourse Form: Inland river Watercourse Length: 242.9 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Witham Primacy: 1	D11NW (NE)	0	4	492920 385765



Order Number: 297990273\_1\_1

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
9	OS Water Network Lines  Watercourse Form: Inland river Watercourse Length: 225.5 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Witham Primacy: 1	D11NW (E)	12	4	492784 385580
	OS Water Network Lines				
10	Watercourse Form: Inland river Watercourse Length: 2.2 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Witham Primacy: 1	D11NW (NE)	40	4	492755 385722
	OS Water Network Lines				
11	Watercourse Form: Inland river Watercourse Length: 2.9 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Witham Primacy: 1	D11NW (NE)	41	4	492753 385723
	OS Water Network Lines				
12	Watercourse Form: Lake Watercourse Length: 14.0 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Witham Primacy: 1	D11SE (E)	41	4	492999 385495
	OS Water Network Lines				
13	Watercourse Form: Inland river Watercourse Length: 381.8 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Witham Primacy: 1	D10NE (N)	44	4	492392 385608
	OS Water Network Lines				
14	Watercourse Form: Inland river Watercourse Length: 78.2 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Witham Primacy: 1	D11NW (NE)	44	4	492753 385723
	OS Water Network Lines				
15	Watercourse Form: Inland river Watercourse Length: 936.7 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Witham Primacy: 1	D11NW (NE)	45	4	492772 385808
	OS Water Network Lines				
16	Watercourse Form: Inland river Watercourse Length: 9.3 Watercourse Level: Underground Permanent: True Watercourse Name: Not Supplied Catchment Name: Witham Primacy: 1	D11NW (NE)	46	4	492770 385799
	OS Water Network Lines				
17	Watercourse Form: Inland river Watercourse Length: 10.1 Watercourse Level: Underground Permanent: True Watercourse Name: Not Supplied Catchment Name: Witham Primacy: 1	D10SW (W)	48	4	492219 385454



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Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
18	OS Water Network Lines  Watercourse Form: Inland river Watercourse Length: 232.6  Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Witham Primacy: 1	D10NE (NW)	56	4	492365 385584
19	OS Water Network Lines  Watercourse Form: Inland river Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Witham Primacy: 1	D6NE (S)	100	4	492553 385093
20	OS Water Network Lines  Watercourse Form: Inland river Watercourse Length: 701.0  Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Witham Primacy: 1	D11NE (E)	111	4	493126 385594
21	OS Water Network Lines  Watercourse Form: Inland river Watercourse Length: 47.2 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Witham Primacy: 1	D11NE (E)	128	4	493162 385767
22	OS Water Network Lines  Watercourse Form: Inland river Watercourse Length: 166.2 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Witham Primacy: 1	D10SE (S)	170	4	492309 385208
23	OS Water Network Lines  Watercourse Form: Inland river Watercourse Length: 347.7 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Witham Primacy: 2	D11NE (E)	175	4	493209 385766
24	OS Water Network Lines  Watercourse Form: Inland river Watercourse Length: 5.9 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Witham Primacy: 1	D11NE (E)	175	4	493209 385766
25	OS Water Network Lines  Watercourse Form: Inland river Watercourse Length: 129.3 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Witham Primacy: 1	D10NE (N)	227	4	492392 385608





Map ID		Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	Local Authority Lan	dfill Coverage				
	Name:	West Lindsey District Council - Has no landfill data to supply		0	5	492421 385517
	Local Authority Lan	dfill Coverage				
	Name:	Lincolnshire County Council - Had landfill data but passed it to the relevant environment agency		0	6	492421 385517

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Vlap ID		Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	BGS 1:625,000 Solid Geology					
	Description: Lias Group		D10SE (NW)	0	1	492421 385517
	Coal Mining Affected Areas		(::::)			000011
	In an area that might not be affected by coa	l mining				
	Non Coal Mining Areas of Great Britain					
	No Hazard	March 1				
	Potential for Collapsible Ground Stability Hazard Potential: No Hazard	Hazards	D10SE	0	1	492421
		vey, National Geoscience Information Service	(NW)	Ü		385517
	Potential for Collapsible Ground Stability	Hazards		_		
	Hazard Potential: Very Low Source: British Geological Sur	vey, National Geoscience Information Service	D6NE (S)	0	1	492421 385000
	Potential for Collapsible Ground Stability	•	. ,			
	Hazard Potential: Very Low	vey, National Geoscience Information Service	D9SW (W)	0	1	491481 385366
	Potential for Collapsible Ground Stability	Hazards				
	Hazard Potential: Very Low	you National Goossianas Information Coming	D10SE	0	1	492476
	Source: British Geological Sur Potential for Compressible Ground Stabi	vey, National Geoscience Information Service	(S)			385350
	Hazard Potential: No Hazard	inty Hazards	D6NE	0	1	492421
	Source: British Geological Sur	vey, National Geoscience Information Service	(S)			385000
	Potential for Compressible Ground Stabi	lity Hazards	2001			
	Hazard Potential: No Hazard Source: No Hazard British Geological Sur	vey, National Geoscience Information Service	D9SW (W)	0	1	491481 385366
	Potential for Compressible Ground Stabi	lity Hazards				
	Hazard Potential: No Hazard	National Consideration Consider	D10SE	0	1	492476
		vey, National Geoscience Information Service	(S)			385350
	Potential for Compressible Ground Stabi Hazard Potential: Moderate	iity Hazards	D10SE	0	1	492421
		vey, National Geoscience Information Service	(NW)	-		385517
	Potential for Ground Dissolution Stability	/ Hazards	54005			
	Hazard Potential: No Hazard Source: British Geological Sur	vey, National Geoscience Information Service	D10SE (NW)	0	1	492421 385517
	Potential for Ground Dissolution Stability	<i>r</i> Hazards				
	Hazard Potential: No Hazard	vey National Conscioned Information Comica	D6NE	0	1	492421
	Source: British Geological Sur Potential for Landslide Ground Stability	vey, National Geoscience Information Service	(S)			385000
	Hazard Potential: Very Low	ndzai us	D6NE	0	1	492421
		vey, National Geoscience Information Service	(S)			385000
	Potential for Landslide Ground Stability	Hazards	D400E			
	Hazard Potential: Very Low Source: British Geological Sur	vey, National Geoscience Information Service	D10SE (NW)	0	1	492421 385517
	Potential for Running Sand Ground Stab	ility Hazards				
	Hazard Potential: Very Low	way National Consistence Information Society	D9SW	0	1	491481
	Source: British Geological Sur Potential for Running Sand Ground Stab	vey, National Geoscience Information Service	(W)			385366
	Hazard Potential: Very Low	inty riazai us	D10SE	0	1	492476
	Source: British Geological Sur	vey, National Geoscience Information Service	(S)			385350
	Potential for Running Sand Ground Stab	ility Hazards	B0::5		á	400.45
	Hazard Potential: Very Low Source: British Geological Sur	vey, National Geoscience Information Service	D6NE (S)	0	1	492421 385000
	Potential for Running Sand Ground Stab	ility Hazards				
	Hazard Potential: Very Low Source: British Geological Sur	vey, National Geoscience Information Service	D10NW (W)	0	1	492201 385545
	Potential for Running Sand Ground Stab	• •	(۷۷)			300040
	Hazard Potential: Low	inty Hazardo	D10SE	0	1	492421
	Source: British Geological Sur	vey, National Geoscience Information Service	(NW)			385517
	Potential for Shrinking or Swelling Clay	Ground Stability Hazards	B 1005		,	400.45-
	Hazard Potential: Low Source: British Geological Sur	vey, National Geoscience Information Service	D10SE (S)	0	1	492476 385350



### **Geological**

Map ID		Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	Potential for Shrink	ing or Swelling Clay Ground Stability Hazards				
	Hazard Potential: Source:	Low British Geological Survey, National Geoscience Information Service	D6NE (S)	0	1	492421 385000
	Potential for Shrink	ing or Swelling Clay Ground Stability Hazards				
	Hazard Potential: Source:	Very Low British Geological Survey, National Geoscience Information Service	D10SE (NW)	0	1	492421 385517
	Radon Potential - R	adon Affected Areas				
	Affected Area: Source:	The property is in a Lower probability radon area (less than 1% of homes are estimated to be at or above the Action Level).  British Geological Survey, National Geoscience Information Service	D6NE (S)	0	1	492421 385001
	Radon Potential - R	adon Affected Areas				
	Affected Area: Source:	The property is in a Lower probability radon area (less than 1% of homes are estimated to be at or above the Action Level).  British Geological Survey, National Geoscience Information Service	D10SE (NW)	0	1	492421 385517
	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	D6NE (S)	0	1	492421 385001
	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	D10SE (NW)	0	1	492421 385517



#### **Sensitive Land Use**

Map ID		Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
26	Nitrate Vulnerable Name: Description: Source:	e <b>Zones</b> Lower Witham Nvz Surface Water Environment Agency, Head Office	D10SE (NW)	0	3	492421 385517

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Agency & Hydrological	Version	Update Cycle
Contaminated Land Register Entries and Notices		
Environment Agency - Head Office	June 2020	Annually
West Lindsey District Council - Environmental Health Department	September 2017	Annual Rolling Update
Discharge Consents		
Environment Agency - Anglian Region	April 2022	Quarterly
Environment Agency - Midlands Region	April 2022	Quarterly
Enforcement and Prohibition Notices		
Environment Agency - Anglian Region	March 2013	
ntegrated Pollution Controls		
Environment Agency - Anglian Region	January 2009	
Integrated Pollution Prevention And Control		
Environment Agency - Anglian Region	April 2022	Quarterly
Local Authority Integrated Pollution Prevention And Control		
West Lindsey District Council - Environmental Health Department	November 2014	Variable
Local Authority Pollution Prevention and Controls		
West Lindsey District Council - Environmental Health Department	November 2014	Annual Rolling Update
Local Authority Pollution Prevention and Control Enforcements		
West Lindsey District Council - Environmental Health Department	November 2014	Variable
	November 2014	Variable
Nearest Surface Water Feature Ordnance Survey	May 2022	
Pollution Incidents to Controlled Waters		
Environment Agency - Midlands Region	December 1999	
Environment Agency - Anglian Region	September 1999	
Prosecutions Relating to Authorised Processes	Coptozor 1000	
Environment Agency - Anglian Region	July 2015	
	July 2013	
Prosecutions Relating to Controlled Waters	March 2013	
Environment Agency - Anglian Region	Maich 2013	
Registered Radioactive Substances	Luca 2010	A = = (*f* =)
Environment Agency - Anglian Region	June 2016	As notified
River Quality		
Environment Agency - Head Office	November 2001	Not Applicable
River Quality Biology Sampling Points		
Environment Agency - Head Office	April 2012	
River Quality Chemistry Sampling Points		
Environment Agency - Head Office	April 2012	
Substantiated Pollution Incident Register		
Environment Agency - Anglian Region - Northern Area	April 2022	Quarterly
Water Abstractions		
Environment Agency - Anglian Region	April 2022	Quarterly
Environment Agency - Midlands Region	April 2022	Quarterly
Water Industry Act Referrals	-	-
Environment Agency - Anglian Region	October 2017	
Groundwater Vulnerability Map	2	
Environment Agency - Head Office	June 2018	As notified
	34.10 2010	7.6 Hotilloa
Bedrock Aquifer Designations	lanuary 2019	Appually
Environment Agency - Head Office	January 2018	Annually
Superficial Aquifer Designations		
Environment Agency - Head Office	January 2018	Annually
Source Protection Zones		
Environment Agency - Head Office	May 2021	Bi-Annually

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Agency & Hydrological	Version	Update Cycle
Extreme Flooding from Rivers or Sea without Defences		
Environment Agency - Head Office	May 2022	Quarterly
Flooding from Rivers or Sea without Defences		
Environment Agency - Head Office	May 2022	Quarterly
Areas Benefiting from Flood Defences		
Environment Agency - Head Office	May 2022	Quarterly
Flood Water Storage Areas		
Environment Agency - Head Office	May 2022	Quarterly
Flood Defences		
Environment Agency - Head Office	May 2022	Quarterly
OS Water Network Lines		
Ordnance Survey	April 2022	Quarterly
BGS Groundwater Flooding Susceptibility		
British Geological Survey - National Geoscience Information Service	May 2013	As notified
Waste	Version	Update Cycle
BGS Recorded Landfill Sites		
British Geological Survey - National Geoscience Information Service	November 2002	As notified
Historical Landfill Sites		
Environment Agency - Head Office	April 2022	Quarterly
Integrated Pollution Control Registered Waste Sites		
Environment Agency - Anglian Region	January 2009	Not Applicable
Licensed Waste Management Facilities (Landfill Boundaries)		
Environment Agency - Anglian Region - Northern Area	April 2022	Quarterly
Licensed Waste Management Facilities (Locations)		
Environment Agency - Anglian Region - Northern Area	April 2022	Quarterly
Local Authority Landfill Coverage		
Lincolnshire County Council	February 2003	Not Applicable
West Lindsey District Council - Environmental Health Department	February 2003	Not Applicable
Local Authority Recorded Landfill Sites		
Lincolnshire County Council	October 2018	
West Lindsey District Council - Environmental Health Department	October 2018	
Registered Landfill Sites		
Environment Agency - Anglian Region - Northern Area	March 2006	Not Applicable
Registered Waste Transfer Sites		
Environment Agency - Anglian Region - Northern Area	April 2018	
Registered Waste Treatment or Disposal Sites		
Environment Agency - Anglian Region - Northern Area	June 2015	

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Hazardous Substances	Version	Update Cycle
Control of Major Accident Hazards Sites (COMAH) Health and Safety Executive	January 2022	Bi-Annually
Explosive Sites		
Health and Safety Executive	March 2017	Annually
Notification of Installations Handling Hazardous Substances (NIHHS)		
Health and Safety Executive	August 2001	
Planning Hazardous Substance Enforcements Lincolnshire County Council - Highways and Planning Department	August 2010	Variable
West Lindsey District Council	February 2016	Variable
Planning Hazardous Substance Consents		
Lincolnshire County Council - Highways and Planning Department	August 2007	Variable
West Lindsey District Council	February 2016	Variable
Geological	Version	Update Cycle
BGS 1:625,000 Solid Geology		
British Geological Survey - National Geoscience Information Service	January 2009	As notified
BGS Recorded Mineral Sites	May 2000	Di Annuallu
British Geological Survey - National Geoscience Information Service	May 2022	Bi-Annually
CBSCB Compensation District Cheshire Brine Subsidence Compensation Board (CBSCB)	August 2011	
Cheshire Brine Subsidence Compensation Board (CBSCB)	November 2020	As notified
Coal Mining Affected Areas		
The Coal Authority - Property Searches	March 2014	Annual Rolling Update
Mining Instability		
Ove Arup & Partners	June 1998	Not Applicable
Non Coal Mining Areas of Great Britain		
British Geological Survey - National Geoscience Information Service	May 2015	Not Applicable
Potential for Collapsible Ground Stability Hazards		
British Geological Survey - National Geoscience Information Service	April 2020	As notified
Potential for Compressible Ground Stability Hazards		
British Geological Survey - National Geoscience Information Service	January 2019	As notified
Potential for Ground Dissolution Stability Hazards	January 2040	As notified
British Geological Survey - National Geoscience Information Service	January 2019	As notined
Potential for Landslide Ground Stability Hazards British Geological Survey - National Geoscience Information Service	January 2019	As notified
- · ·	January 2019	As notined
Potential for Running Sand Ground Stability Hazards  British Geological Survey - National Geoscience Information Service	January 2019	As notified
Potential for Shrinking or Swelling Clay Ground Stability Hazards		7.0
British Geological Survey - National Geoscience Information Service	January 2019	As notified
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

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Industrial Land Use	Version	Update Cycle
Contemporary Trade Directory Entries		
Thomson Directories	April 2022	Quarterly
Fuel Station Entries		
Catalist Ltd - Experian	June 2022	Quarterly
Gas Pipelines National Grid	October 2021	Bi-Annually
Underground Electrical Cables		,
National Grid	May 2021	Bi-Annually
Sensitive Land Use	Version	Update Cycle
Ancient Woodland		
Natural England	February 2021	Bi-Annually
Areas of Adopted Green Belt	0.1.000	
West Lindsey District Council	October 2020	Quarterly
Areas of Unadopted Green Belt	0.11.0000	
West Lindsey District Council	October 2020	Quarterly
Areas of Outstanding Natural Beauty	January 2024	Di Annually
Natural England	January 2021	Bi-Annually
Environmentally Sensitive Areas Natural England	January 2017	
Forest Parks	January 2017	
Forestry Commission	April 1997	Not Applicable
Local Nature Reserves	7.0111007	Trot rippiloable
Natural England	February 2021	Bi-Annually
Marine Nature Reserves	. 00.00.7 202.	2.7
Natural England	July 2019	Bi-Annually
National Nature Reserves		
Natural England	January 2021	Bi-Annually
National Parks	,	,
Natural England	February 2018	Bi-Annually
Nitrate Sensitive Areas		
Natural England	April 2016	Not Applicable
Nitrate Vulnerable Zones		
Department for Environment, Food and Rural Affairs (DEFRA - formerly FRCA)	April 2016	
Environment Agency - Head Office	June 2017	Bi-Annually
Ramsar Sites		
Natural England	August 2020	Bi-Annually
Sites of Special Scientific Interest		
Natural England	February 2021	Bi-Annually
Special Areas of Conservation		
Natural England	July 2020	Bi-Annually
Special Protection Areas		
Natural England	February 2021	Bi-Annually

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### **Data Suppliers**

A selection of organisations who provide data within this report

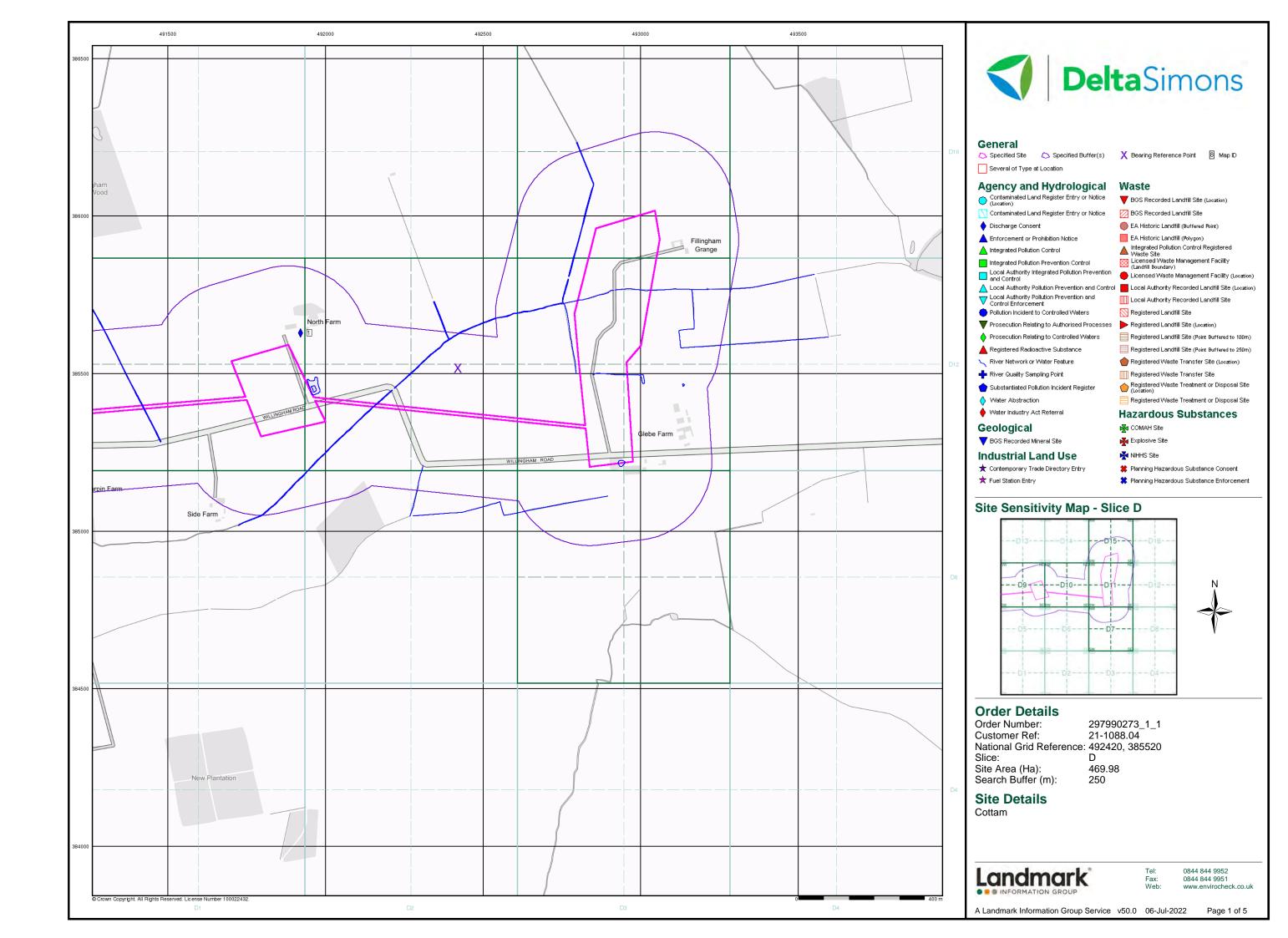
Data Supplier	Data Supplier Logo
Ordnance Survey	Map data
Environment Agency	Environment
Scottish Environment Protection Agency	SEPA
The Coal Authority	The Coal Authority
British Geological Survey	British Geological Survey NATURAL ENVIRONMENT RESEARCH COUNCIL
Centre for Ecology and Hydrology	Centre for Ecology & Hydrology NATURAL ENVIRONMENT RESEARCH COUNCIL
Natural Resources Wales	Cyloeth Naturiol Cymru Natural Resources Wales
Scottish Natural Heritage	SCOTTISH NATURAL HERITAGE 迎念詞
Natural England	NATURAL ENGLAND
Public Health England	Public Health England
Ove Arup	ARUP
Stantec UK Ltd	Stantec

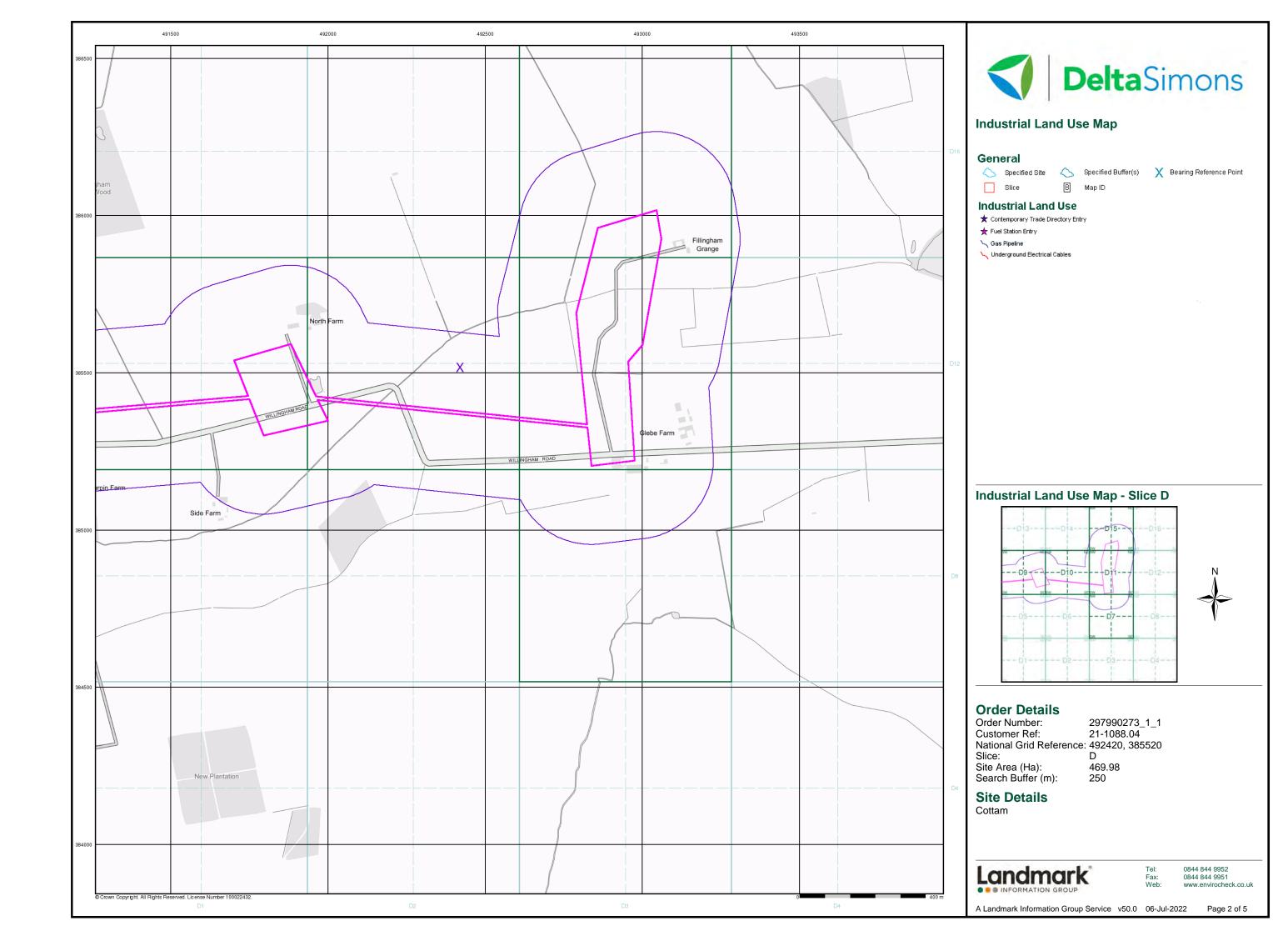


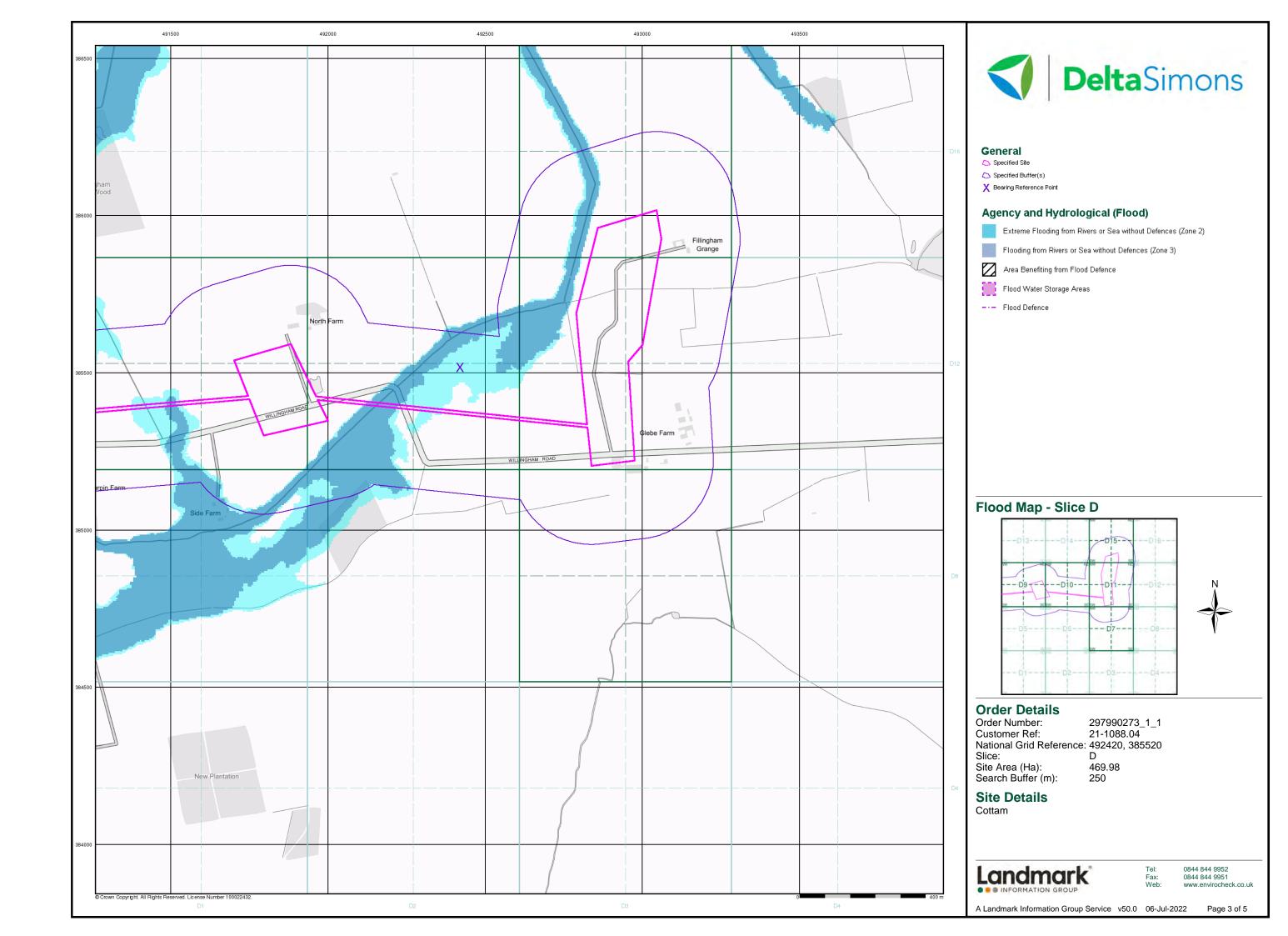
#### **Useful Contacts**

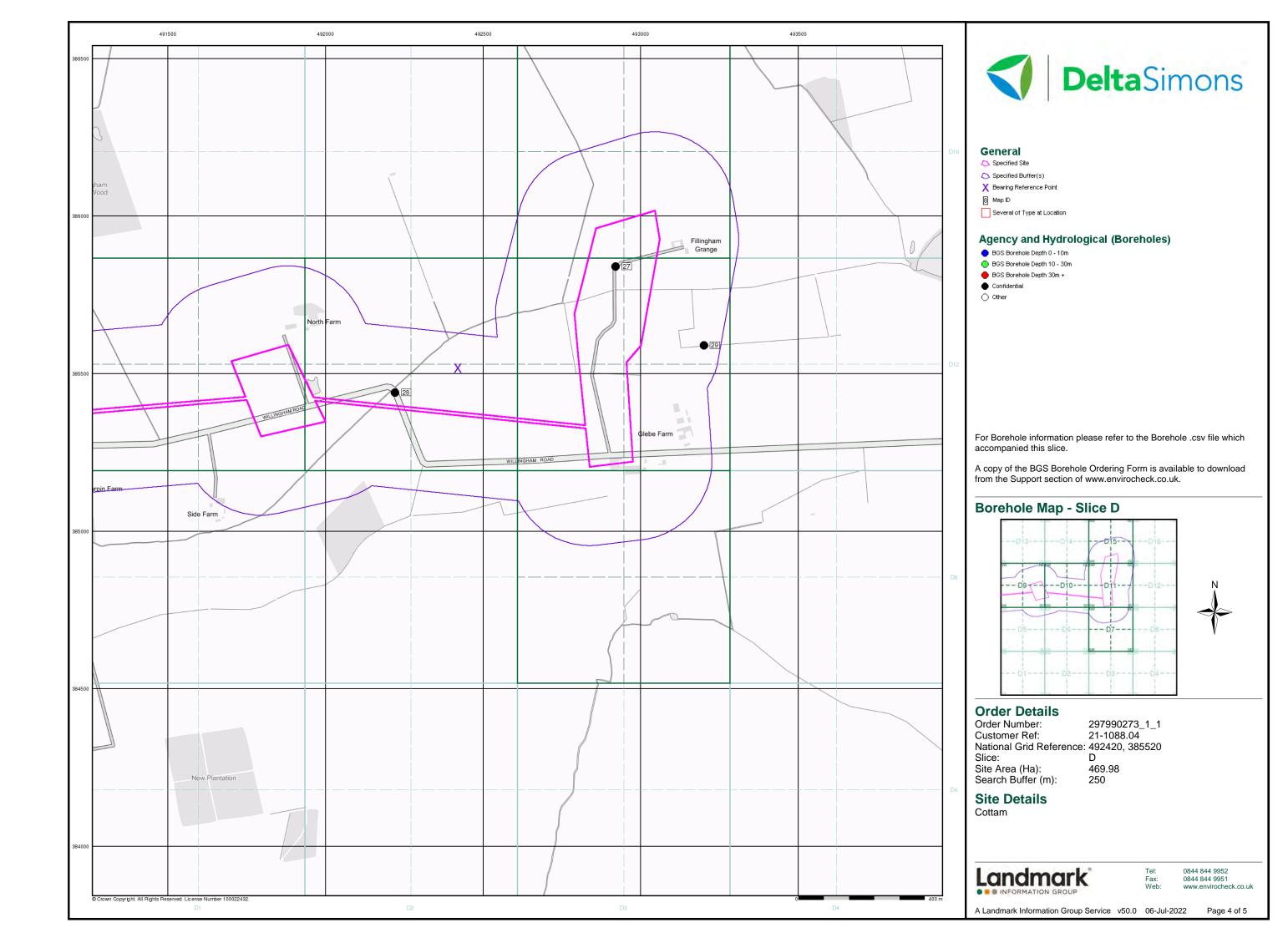
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1	British Geological Survey - Enquiry Service  British Geological Survey, Environmental Science Centre, Keyworth, Nottingham, Nottinghamshire, NG12 5GG	Telephone: 0115 936 3143 Fax: 0115 936 3276 Email: enquiries@bgs.ac.uk Website: www.bgs.ac.uk
2	Environment Agency - National Customer Contact Centre (NCCC) PO Box 544, Templeborough, Rotherham, S60 1BY	Telephone: 03708 506 506 Email: enquiries@environment-agency.gov.uk
3	Environment Agency - Head Office Rio House, Waterside Drive, Aztec West, Almondsbury, Bristol, Avon, BS32 4UD	Telephone: 01454 624400 Fax: 01454 624409
4	Ordnance Survey Adanac Drive, Southampton, Hampshire, SO16 0AS	Telephone: 03456 05 05 05 Email: customerservices@ordnancesurvey.co.uk Website: www.ordnancesurvey.gov.uk
5	West Lindsey District Council - Environmental Health Department  The Guildhall, Caskgate Street, Gainsborough, Lincolnshire, DN21 2DH	Telephone: 01427 676676 Fax: 01427 810623 Website: www.west-lindsey.gov.uk
6	Lincolnshire County Council 4th Floor, City Hall, Lincoln, Lincolnshire, LN1 1DN	Telephone: 01522 552222 Fax: 01522 552288 Email: PublicRelations@lincolnshire.gov.uk Website: www.lincolnshire.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

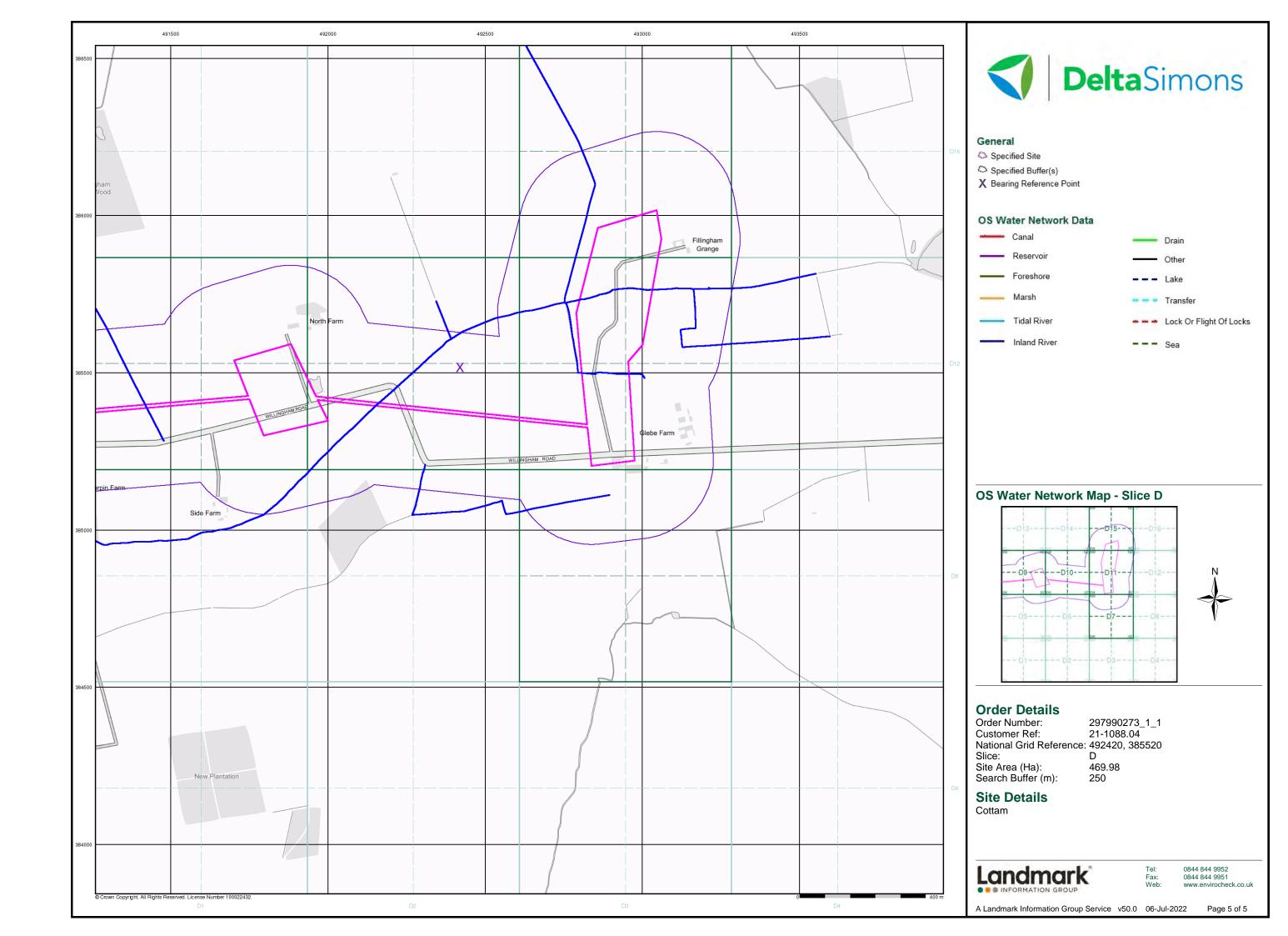
 $Please\ note\ that\ the\ Environment\ Agency\ /\ Natural\ Resources\ Wales\ /\ SEPA\ have\ a\ charging\ policy\ in\ place\ for\ enquiries.$ 

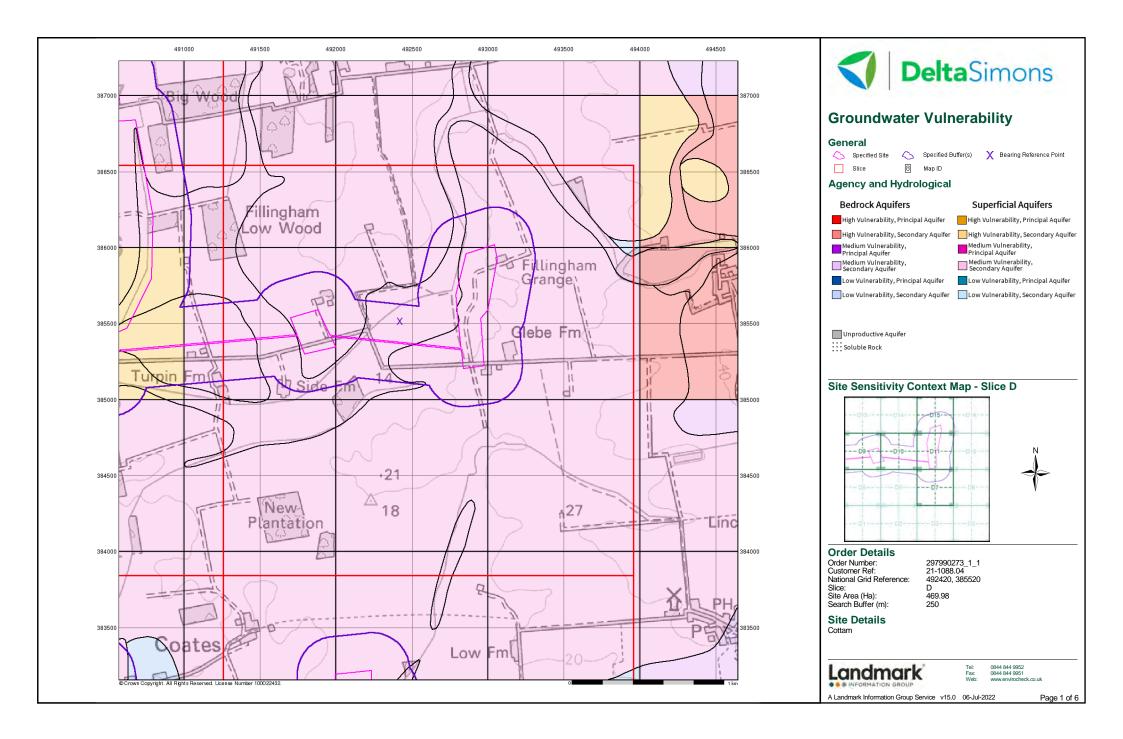


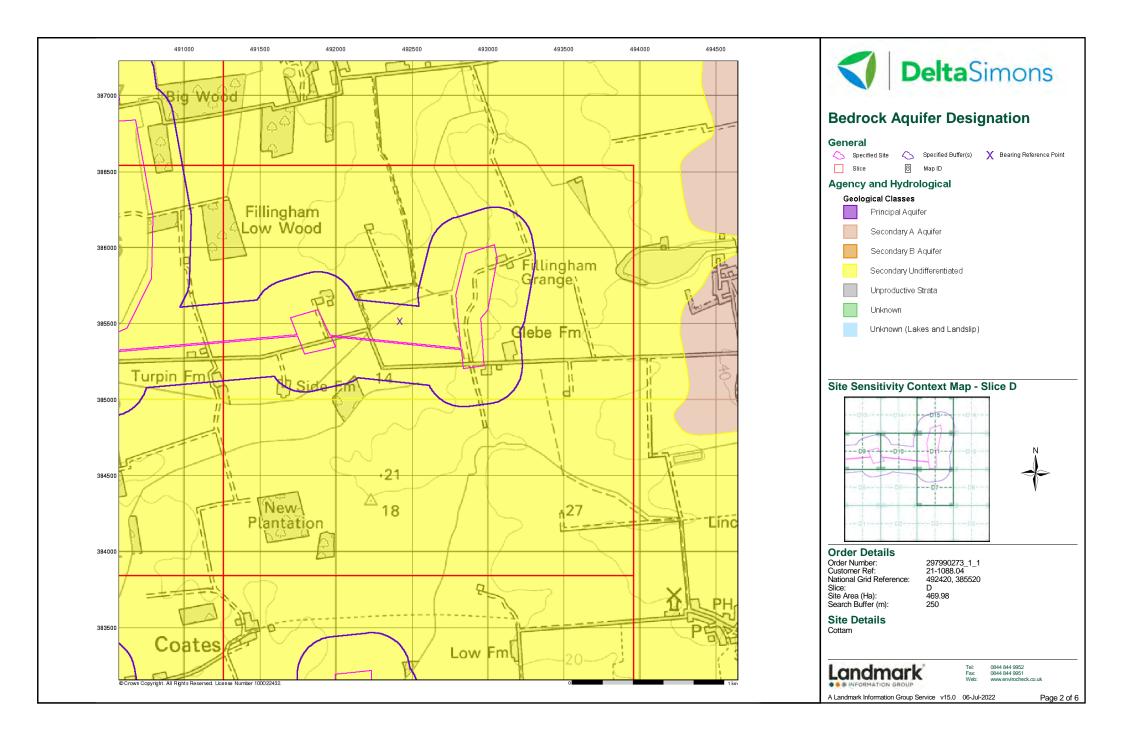


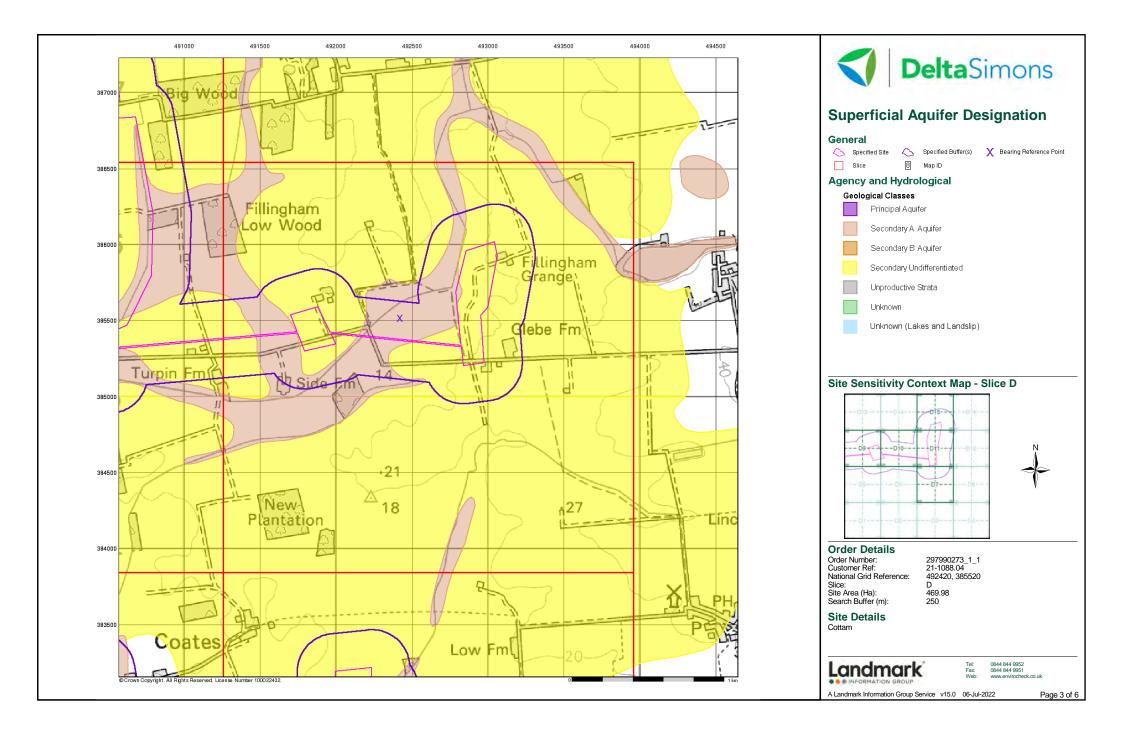


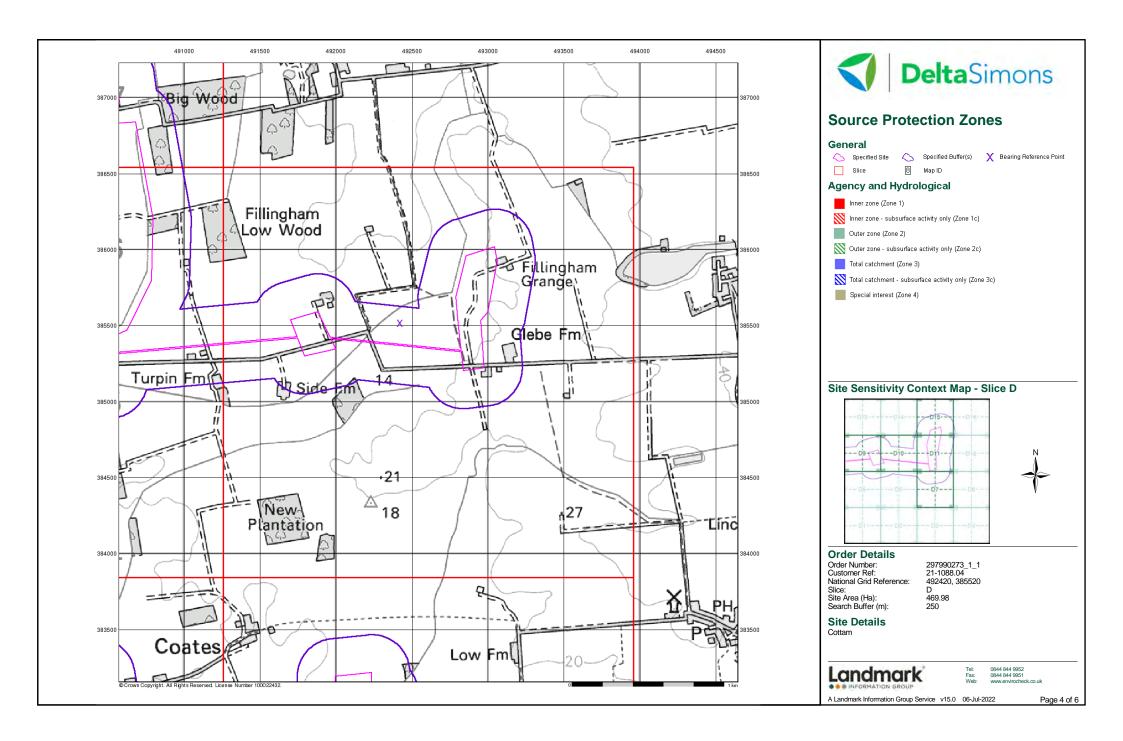


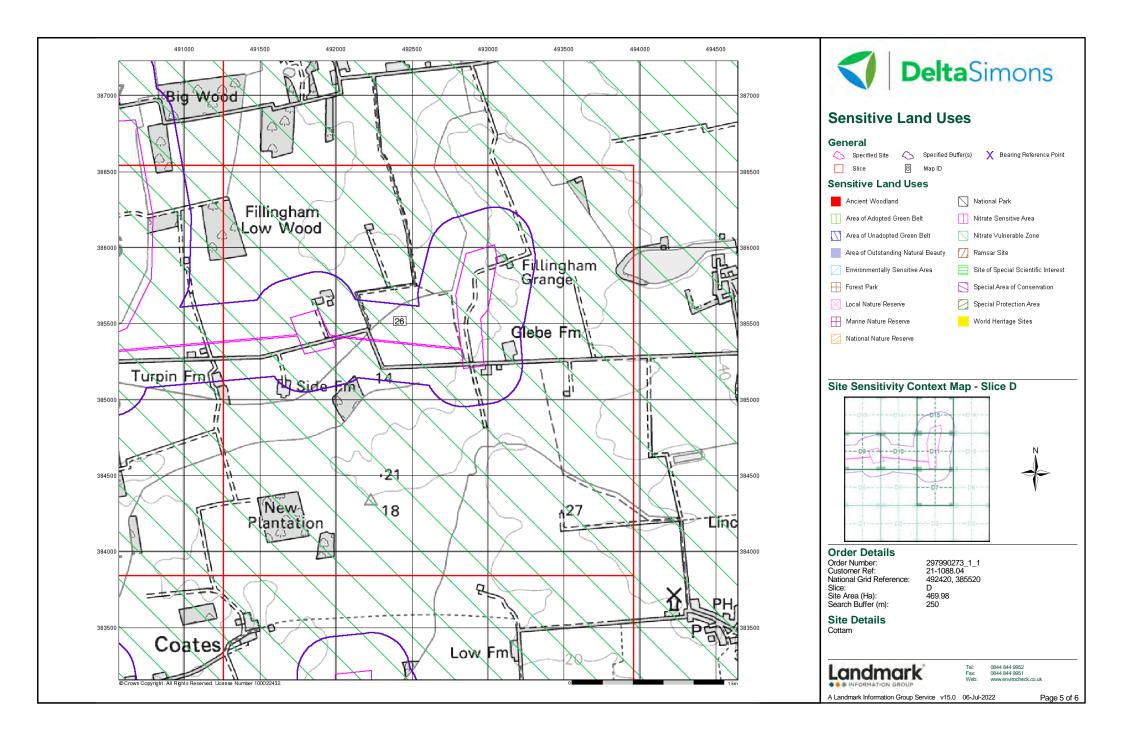


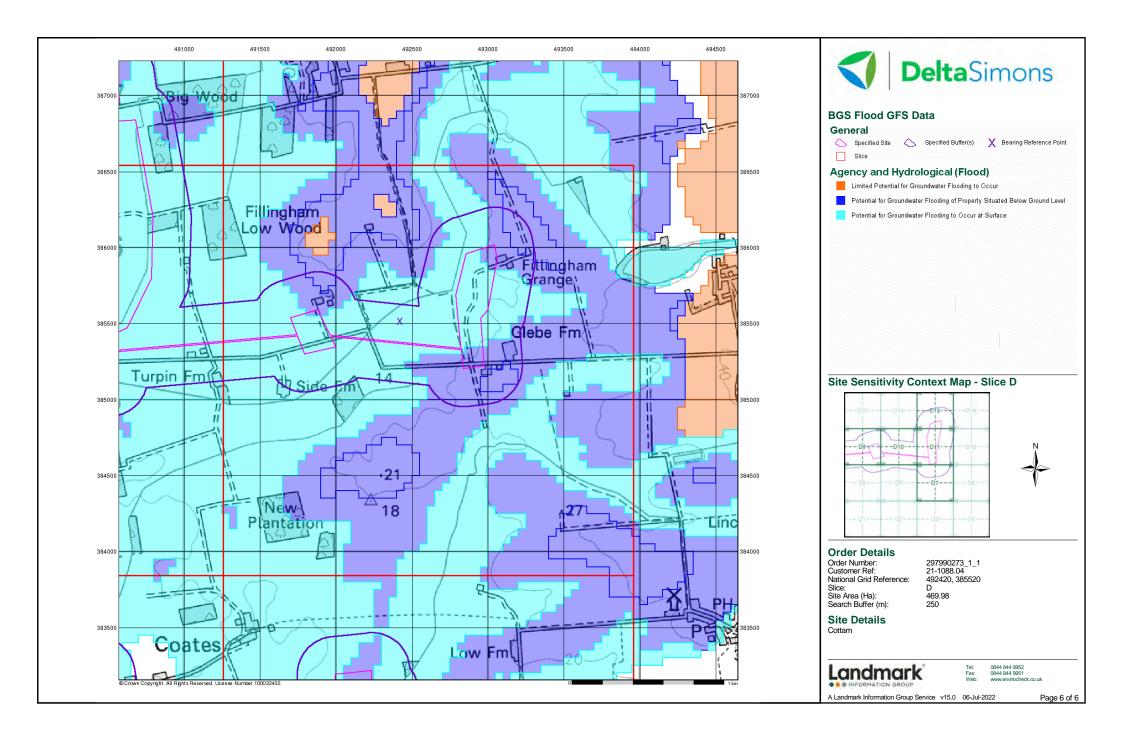














# **Envirocheck® Report:**

#### **Datasheet**

#### **Order Details:**

**Order Number:** 

297990273\_1\_1

**Customer Reference:** 

21-1088.04

**National Grid Reference:** 

489860, 387850

Slice:

Ε

Site Area (Ha):

469.98

Search Buffer (m):

250

#### **Site Details:**

Cottam

#### **Client Details:**

Ms M Booth Delta Simons Suite 4A One Portland Street Manchester M1 3BE







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#### Introduction

The Environment Act 1995 has made site sensitivity a key issue, as the legislation pays as much attention to the pathways by which contamination could spread,

and to the vulnerable targets of contamination, as it does the potential sources of contamination.

For this reason, Landmark's Site Sensitivity maps and Datasheet(s) place great emphasis on statutory data provided by the Environment Agency/Natural Resources Wales and the Scottish Environment Protection Agency; it also incorporates data from Natural England (and the Scottish and Welsh equivalents) and Local Authorities; and highlights hydrogeological features required by environmental and geotechnical consultants. It does not include any information concerning past uses of land. The datasheet is produced by querying the Landmark database to a distance defined by the client from a site boundary provided by the client. In this datasheet the National Grid References (NGRs) are rounded to the nearest 10m in accordance with Landmark's agreements with a number of Data Suppliers.

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Report Version v53.0





Data Type	Page Number	On Site	0 to 250m (*up to 500m)
Agency & Hydrological			
BGS Groundwater Flooding Susceptibility	pg 1	Yes	Yes
Contaminated Land Register Entries and Notices			
Discharge Consents	pg 2	1	
Prosecutions Relating to Controlled Waters			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 2	Yes	
Pollution Incidents to Controlled Waters			
Prosecutions Relating to Authorised Processes			
Registered Radioactive Substances			
River Quality			
River Quality Biology Sampling Points			
Substantiated Pollution Incident Register			
River Quality Chemistry Sampling Points			
Water Abstractions			
Water Industry Act Referrals			
Groundwater Vulnerability Map	pg 2	Yes	n/a
Groundwater Vulnerability - Soluble Rock Risk			n/a
Bedrock Aquifer Designations	pg 6	Yes	n/a
Superficial Aquifer Designations	pg 6	Yes	n/a
Source Protection Zones			
Extreme Flooding from Rivers or Sea without Defences	pg 7		Yes
Flooding from Rivers or Sea without Defences	pg 7		Yes
Areas Benefiting from Flood Defences			
Flood Water Storage Areas			
Flood Defences			
OS Water Network Lines	pg 7	28	22





Data Type	Page Number	On Site	0 to 250m (*up to 500m)
Waste			
BGS Recorded Landfill Sites			
Historical Landfill Sites			
Integrated Pollution Control Registered Waste Sites			
Licensed Waste Management Facilities (Landfill Boundaries)			
Licensed Waste Management Facilities (Locations)	pg 13		1
Local Authority Landfill Coverage	pg 13	2	n/a
Local Authority Recorded Landfill Sites			
Registered Landfill Sites			
Registered Waste Transfer Sites			
Registered Waste Treatment or Disposal Sites	pg 13		1
Hazardous Substances			
Control of Major Accident Hazards Sites (COMAH)			
Explosive Sites			
Notification of Installations Handling Hazardous Substances (NIHHS)			
Planning Hazardous Substance Consents			
Planning Hazardous Substance Enforcements			
Geological			
BGS 1:625,000 Solid Geology	pg 14	Yes	n/a
BGS Recorded Mineral Sites			
CBSCB Compensation District			n/a
Coal Mining Affected Areas			n/a
Mining Instability			n/a
Man-Made Mining Cavities			
Natural Cavities			
Non Coal Mining Areas of Great Britain			
Potential for Collapsible Ground Stability Hazards	pg 14	Yes	
Potential for Compressible Ground Stability Hazards	pg 14	Yes	
Potential for Ground Dissolution Stability Hazards			
Potential for Landslide Ground Stability Hazards	pg 14	Yes	
Potential for Running Sand Ground Stability Hazards	pg 14	Yes	
Potential for Shrinking or Swelling Clay Ground Stability Hazards	pg 14	Yes	
Radon Potential - Radon Affected Areas			n/a
Radon Potential - Radon Protection Measures			n/a



### **Summary**

Data Type	Page Number	On Site	0 to 250m (*up to 500m)
Industrial Land Use			
Contemporary Trade Directory Entries	pg 16	1	
Fuel Station Entries			
Gas Pipelines			
Underground Electrical Cables			
Sensitive Land Use			
Ancient Woodland			
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 17	2	
Ramsar Sites			
Sites of Special Scientific Interest			
Special Areas of Conservation			
Special Protection Areas			
World Heritage Sites			



/lap ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	E7NW (E)	0	1	490000 387800
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	E11NW (N)	0	1	489950 388400
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	E11NW (N)	0	1	490000 388400
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	E7SW (S)	0	1	489950 387450
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	E7NW (SE)	0	1	490100 387650
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	(N)	0	1	489800 389750
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	(E)	0	1	491650 387350
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	E7SW (SE)	0	1	490050 387400
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	(S)	0	1	490250 386000
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	E14NE (N)	0	1	489900 389200
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	E10NE (N)	0	1	489858 388250
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	E7NW (SE)	0	1	489950 387750
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	(N)	0	1	489800 389900
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding to Occur at Surface	E6NE (NW)	0	1	489858 387853
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding to Occur at Surface	E8SW (E)	0	1	490650 387550
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding to Occur at Surface	E7NW (E)	0	1	490000 387853
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	E7NE (E)	65	1	490550 387853
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	E11NW (N)	69	1	490100 388450
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	E4NW (SE)	100	1	490800 386900
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	(E)	110	1	491900 387300



Map ID		Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	Discharge Consent	s				
1	Operator: Property Type: Location: Authority: Catchment Area: Reference: Permit Version: Effective Date:	Whittons Agriculture Ltd WWTW (NOT WATER CO) (NOT STP AT A PRIVATE PREMISES) Premises At Low Farm Kexby, Gainsborough, Lincs, Dn21 5ne Environment Agency, Anglian Region Not Supplied Prnlf00482 1 8th February 1989	E7SE (SE)	0	2	490400 387400
	Issued Date: Revocation Date: Discharge Type: Discharge	8th February 1989 24th April 1997 Unknown Onto Land				
	Environment: Receiving Water: Status:	Land Post National Rivers Authority Legislation where issue date > 31/08/1989				
	Positional Accuracy:	Located by supplier to within 100m				
	Nearest Surface Wa	ater Feature	E3SW (S)	0	-	490094 386817
	Groundwater Vulne	erability Map				
	Combined Classification: Combined	Secondary Superficial Aquifer - Medium Vulnerability  Medium	(S)	0	3	489858 386000
	Vulnerability: Combined Aquifer: Pollutant Speed:	Productive Bedrock Aquifer, Productive Superficial Aquifer				
	Bedrock Flow: Dilution: Baseflow Index: Superficial	Well Connected Fractures <300 mm/year 40-70% <90%				
	Patchiness: Superficial Thickness:	<3m				
	Superficial Recharge:	Low				
	Groundwater Vulne	•				
	Combined Classification: Combined	Secondary Superficial Aquifer - High Vulnerability High	(S)	0	3	490252 386000
	Vulnerability: Combined Aquifer: Pollutant Speed:	Productive Bedrock Aquifer, Productive Superficial Aquifer High				
	Bedrock Flow: Dilution: Baseflow Index:	Well Connected Fractures <300 mm/year 40-70%				
	Superficial Patchiness: Superficial	>90% <3m				
	Thickness: Superficial Recharge:	Low				
	Groundwater Vulne	erability Map				
	Combined Classification:	Secondary Superficial Aquifer - High Vulnerability	(SE)	0	3	490709 386000
	Combined Vulnerability: Combined Aquifer:	High  Productive Bedrock Aquifer, Productive Superficial Aquifer				
	Pollutant Speed: Bedrock Flow: Dilution: Baseflow Index:	High Well Connected Fractures <300 mm/year 40-70%				
	Superficial Patchiness: Superficial	40-70% >90% <3m				
	Thickness: Superficial Recharge:	Low				



Map ID		Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	Groundwater Vulne	erability Map				
	Combined	Secondary Superficial Aquifer - High Vulnerability	(S)	0	3	490000
	Classification: Combined	High				386000
	Vulnerability: Combined Aquifer: Pollutant Speed: Bedrock Flow: Dilution: Baseflow Index: Superficial	Productive Bedrock Aquifer, Productive Superficial Aquifer High Well Connected Fractures <300 mm/year 40-70% >90%				
	Patchiness: Superficial	<3m				
	Thickness: Superficial Recharge:	Low				
	Groundwater Vulne	erability Map				
	Combined Classification:	Secondary Superficial Aquifer - Medium Vulnerability	(SE)	0	3	491342 386000
	Combined Vulnerability: Combined Aquifer: Pollutant Speed: Bedrock Flow: Dilution: Baseflow Index: Superficial Patchiness:	Medium  Productive Bedrock Aquifer, Productive Superficial Aquifer Low Poorly Connected Fractures <300 mm/year 40-70% >90%				
	Superficial Thickness:	3-10m				
	Superficial Recharge:	High				
	Groundwater Vulne	erability Map				
	Combined Classification: Combined Vulnerability: Combined Aquifer:	Secondary Superficial Aquifer - Medium Vulnerability  Medium  Productive Bedrock Aquifer, Productive Superficial Aquifer	(SE)	0	3	491000 386000
	Pollutant Speed: Bedrock Flow: Dilution: Baseflow Index: Superficial	Low Poorly Connected Fractures <300 mm/year 40-70% >90%				
	Patchiness: Superficial Thickness:	3-10m				
	Superficial Recharge:	High				
	Groundwater Vulne	erability Map				
	Combined Classification:	Secondary Superficial Aquifer - Medium Vulnerability	E6NE (NW)	0	3	489858 387853
	Combined Vulnerability: Combined Aquifer:	Medium  Productive Bedrock Aquifer, Productive Superficial Aquifer				
	Pollutant Speed: Bedrock Flow: Dilution: Baseflow Index:	Low Well Connected Fractures <300 mm/year 40-70% >90%				
	Superficial Patchiness: Superficial Thickness:	<3m				
	Superficial Recharge:	Low				



Map ID		Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	Groundwater Vulne	erability Map				
	Combined Classification:	Secondary Superficial Aquifer - Medium Vulnerability	E7NW (E)	0	3	490042 387874
	Combined Vulnerability:	Medium	(=)			00/0/1
	Combined Aquifer: Pollutant Speed:	Productive Bedrock Aquifer, Productive Superficial Aquifer Low				
	Bedrock Flow: Dilution:	Well Connected Fractures <300 mm/year				
	Baseflow Index: Superficial	40-70% >90%				
	Patchiness:					
	Superficial Thickness:	>10m				
	Superficial Recharge:	Low				
	Groundwater Vulne	•				
	Combined Classification:	Secondary Superficial Aquifer - Medium Vulnerability	E7NW (E)	0	3	490000 387853
	Combined Vulnerability:	Medium				
	Combined Aquifer: Pollutant Speed:	Productive Bedrock Aquifer, Productive Superficial Aquifer Low				
	Bedrock Flow: Dilution:	Well Connected Fractures <300 mm/year				
	Baseflow Index: Superficial	40-70% >90%				
	Patchiness: Superficial	>10m				
	Thickness: Superficial	Low				
	Recharge:					
	Groundwater Vulne	erability Map				
	Combined Classification:	Secondary Superficial Aquifer - Medium Vulnerability	E2NE (S)	0	3	489858 387000
	Combined Vulnerability:	Medium				
	Combined Aquifer: Pollutant Speed:	Productive Bedrock Aquifer, Productive Superficial Aquifer Low				
	Bedrock Flow: Dilution:	Well Connected Fractures <300 mm/year				
	Baseflow Index: Superficial	40-70% <90%				
	Patchiness: Superficial	<3m				
	Thickness: Superficial	Low				
	Recharge:	2011				
	Groundwater Vulne	, ·		•	•	400.5
	Combined Classification:	Secondary Superficial Aquifer - Medium Vulnerability	E3NW (S)	0	3	490129 387000
	Combined Vulnerability:	Medium				
	Combined Aquifer: Pollutant Speed:	Productive Bedrock Aquifer, Productive Superficial Aquifer Low				
	Bedrock Flow: Dilution:	Well Connected Fractures <300 mm/year				
	Baseflow Index: Superficial	40-70% >90%				
	Patchiness: Superficial	3-10m				
	Thickness: Superficial	Low				
	Recharge:	2011				



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Map ID		Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	Groundwater Vulne	erability Map				
	Combined Classification:	Secondary Superficial Aquifer - Medium Vulnerability	E4SW (SE)	0	3	490681 386786
	Combined Vulnerability:	Medium	(32)			000700
	Combined Aquifer: Pollutant Speed:	Productive Bedrock Aquifer, Productive Superficial Aquifer Low				
	Bedrock Flow: Dilution:	Well Connected Fractures <300 mm/year				
	Baseflow Index:	40-70% >90%				
	Superficial Patchiness:					
	Superficial Thickness:	3-10m				
	Superficial Recharge:	Low				
	Groundwater Vulne	• •				
	Combined Classification:	Secondary Superficial Aquifer - Medium Vulnerability	E3NW (S)	0	3	490000 387000
	Combined Vulnerability:	Medium				
	Combined Aquifer: Pollutant Speed:	Productive Bedrock Aquifer, Productive Superficial Aquifer Low				
	Bedrock Flow: Dilution:	Well Connected Fractures <300 mm/year				
	Baseflow Index: Superficial	40-70% >90%				
	Patchiness: Superficial	3-10m				
	Thickness:					
	Superficial Recharge:	Low				
	Groundwater Vulne	erability Map				
	Combined Classification:	Secondary Superficial Aquifer - Medium Vulnerability	E13NE (NW)	0	3	489000 389000
	Combined Vulnerability:	Medium				
	Combined Aquifer: Pollutant Speed:	Productive Bedrock Aquifer, Productive Superficial Aquifer Low				
	Bedrock Flow:	Well Connected Fractures <300 mm/year				
	Baseflow Index: Superficial	40-70% >90%				
	Patchiness:					
	Superficial Thickness:	3-10m				
	Superficial Recharge:	Low				
	Groundwater Vulne	• •				
	Combined Classification:	Secondary Superficial Aquifer - Medium Vulnerability	E14NE (N)	0	3	489858 389000
	Combined Vulnerability:	Medium				
	Combined Aquifer: Pollutant Speed:	Productive Bedrock Aquifer, Productive Superficial Aquifer Low				
	Bedrock Flow: Dilution:	Well Connected Fractures <300 mm/year				
	Baseflow Index: Superficial	40-70% >90%				
	Patchiness: Superficial					
	Thickness:	3-10m				
	Superficial Recharge:	Low				



lap ID		Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	Groundwater Vulne					
	Combined	Secondary Superficial Aguifer - Medium Vulnerability	E11SW	0	3	490000
	Classification:	Occordary Supernolar Aquiter Medium Valinerability	(N)		J	388204
	Combined	Medium	( ' ')			
	Vulnerability:					
	Combined Aquifer:	Productive Bedrock Aquifer, Productive Superficial Aquifer				
	Pollutant Speed:	Low				
	Bedrock Flow: Dilution:	Well Connected Fractures <300 mm/year				
	Baseflow Index:	40-70%				
	Superficial	>90%				
	Patchiness:					
	Superficial	<3m				
	Thickness:					
	Superficial	Low				
	Recharge:					
	Groundwater Vulne	erability Map				
	Combined	Secondary Superficial Aquifer - Medium Vulnerability	E10SE	0	3	489858
	Classification:		(N)			388000
	Combined	Medium				
	Vulnerability:					
	Combined Aquifer:	Productive Bedrock Aquifer, Productive Superficial Aquifer				
	Pollutant Speed: Bedrock Flow:	Low Well Connected Fractures				
	Dilution:	vveii Connected Fractures <300 mm/year				
	Baseflow Index:	40-70%				
	Superficial	>90%				
	Patchiness:					
	Superficial	<3m				
	Thickness:					
	Superficial Recharge:	Low				
	<u> </u>					
	Groundwater Vulne	erability Map				
	Combined	Secondary Superficial Aquifer - Medium Vulnerability	E11SW	0	3	490027
	Classification:		(NE)			388000
	Combined	Medium				
	Vulnerability: Combined Aquifer:	Productive Bedrock Aguifer, Productive Superficial Aguifer				
	Pollutant Speed:	Low				
	Bedrock Flow:	Poorly Connected Fractures				
	Dilution:	<300 mm/year				
	Baseflow Index:	40-70%				
	Superficial	>90%				
	Patchiness: Superficial	>10m				
	Thickness:	>10111				
	Superficial	Low				
	Recharge:					
	Groundwater Vulne	erability - Soluble Rock Risk				
	None	Hability - Goldbie Rock Risk				
	Bedrock Aquifer De	<del>-</del>				
	Aquifer Designation:	Secondary Aquifer - Undifferentiated	E11SW	0	3	490000
			(N)			388204
	Bedrock Aquifer De	<del>-</del>				
	Aquifer Designation:	Secondary Aquifer - Undifferentiated	E7NW	0	3	490042
			(E)			387874
	Bedrock Aquifer De	<del>-</del>				
	Aquifer Designation:	Secondary Aquifer - B	E6NE	0	3	489858
			(NW)			387853
	Bedrock Aquifer De	esignations				
	Aquifer Designation:	Secondary Aquifer - B	E7NW	0	3	490000
			(E)			387853
	Superficial Aquifer	Designations				
	Aquifer Designation:	Secondary Aquifer - Undifferentiated	E6NE	0	3	489858
	_		(NW)			387853
	Superficial Aquifer	Designations				
	-	Secondary Aquifer - Undifferentiated	E7NW	0	3	490000
	,		(E)			387853
	Superficial Aquifer	Designations				
		Secondary Aquifer - A	E4SW	0	3	490681
	,	occomany riganor ri	(SE)		•	386786



Order Number: 297990273\_1\_1

# **Agency & Hydrological**

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Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	Extreme Flooding from Rivers or Sea without Defences  Type: Extent of Extreme Flooding from Rivers or Sea without Defences Flood Plain Type: Fluvial Models Boundary Accuracy: As Supplied	E6NW (W)	22	2	489415 387690
	Flooding from Rivers or Sea without Defences  Type: Extent of Flooding from Rivers or Sea without Defences Flood Plain Type: Fluvial Models Boundary Accuracy: As Supplied	E6NW (W)	57	2	489385 387680
	Areas Benefiting from Flood Defences None				
	Flood Water Storage Areas None				
	Flood Defences None				
2	OS Water Network Lines  Watercourse Form: Inland river Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Witham Primacy: 1	E2SE (S)	0	4	489885 386779
3	OS Water Network Lines  Watercourse Form: Inland river Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Witham Primacy: 1	E4NW (SE)	0	4	490693 386945
4	OS Water Network Lines  Watercourse Form: Inland river Watercourse Length: 199.0 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Witham Primacy: 1	E14SW (NW)	0	4	489332 388593
5	OS Water Network Lines  Watercourse Form: Inland river Watercourse Length: 78.3 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Witham Primacy: 1	E13NE (NW)	0	4	489175 389203
6	OS Water Network Lines  Watercourse Form: Inland river Watercourse Length: 375.1 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Witham Primacy: 1	E14NW (N)	0	4	489419 389181
7	OS Water Network Lines  Watercourse Form: Inland river Watercourse Length: 77.1 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Witham Primacy: 1	E13NE (NW)	0	4	489181 389126
8	OS Water Network Lines  Watercourse Form: Inland river Watercourse Length: 6.9 Watercourse Level: Underground Permanent: True Watercourse Name: Not Supplied Catchment Name: Witham Primacy: 1	E13NE (NW)	0	4	489188 389127



Order Number: 297990273\_1\_1

# **Agency & Hydrological**

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
9	OS Water Network Lines  Watercourse Form: Inland river Watercourse Length: 689.1 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Witham Primacy: 1	E14NE (N)	0	4	489805 389141
	OS Water Network Lines				
10	Watercourse Form: Inland river Watercourse Length: 317.7 Watercourse Level: Not Supplied Permanent: True Watercourse Name: Not Supplied Catchment Name: Witham Primacy: 1	E6NW (W)	0	4	489529 387893
11	OS Water Network Lines  Watercourse Form: Inland river Watercourse Length: 5.3  Watercourse Level: Underground Permanent: True Watercourse Name: Not Supplied Catchment Name: Witham Primacy: 1	E14SW (NW)	0	4	489337 388595
12	OS Water Network Lines  Watercourse Form: Inland river Watercourse Length: 228.8  Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Witham Primacy: 1	E14SW (N)	0	4	489547 388630
13	OS Water Network Lines  Watercourse Form: Inland river Watercourse Length: 627.1 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Witham Primacy: 1	E7SW (S)	0	4	489930 387484
14	OS Water Network Lines  Watercourse Form: Inland river Watercourse Length: 1081.8  Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Witham Primacy: 1	E10SE (N)	0	4	489824 387958
15	OS Water Network Lines  Watercourse Form: Inland river Watercourse Length: 4.5 Watercourse Level: Underground Permanent: True Watercourse Name: Not Supplied Catchment Name: Witham Primacy: 1	E14SE (N)	0	4	489682 388645
16	OS Water Network Lines  Watercourse Form: Inland river Watercourse Length: 122.6  Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Witham Primacy: 1	E14SE (N)	0	4	489784 388653
17	OS Water Network Lines  Watercourse Form: Inland river Watercourse Length: 92.6 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Witham Primacy: 1	E3SW (S)	0	4	490094 386817

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Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
18	OS Water Network Lines  Watercourse Form: Inland river Watercourse Length: 8.7 Watercourse Level: Underground Permanent: True Watercourse Name: Not Supplied Catchment Name: Witham Primacy: 1	E3SW (S)	0	4	490088 386822
19	OS Water Network Lines  Watercourse Form: Inland river Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Witham Primacy: 1	E3SW (S)	0	4	490101 386827
20	OS Water Network Lines  Watercourse Form: Inland river Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Witham Primacy: 1	E3SE (SE)	0	4	490297 386861
21	OS Water Network Lines  Watercourse Form: Inland river Watercourse Level: Underground Permanent: True Watercourse Name: Not Supplied Catchment Name: Witham Primacy: 1	E3NE (SE)	0	4	490506 386913
22	OS Water Network Lines  Watercourse Form: Inland river Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Witham Primacy: 1	E3NE (SE)	0	4	490513 386915
23	OS Water Network Lines  Watercourse Form: Inland river Watercourse Length: 59.6 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Witham Primacy: 1	E3NE (SE)	0	4	490515 386916
24	OS Water Network Lines  Watercourse Form: Inland river Watercourse Length: 79.0 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Witham Primacy: 1	E7SE (SE)	0	4	490517 387329
25	OS Water Network Lines  Watercourse Form: Inland river Watercourse Length: 4.4 Watercourse Level: Underground Permanent: True Watercourse Name: Not Supplied Catchment Name: Witham Primacy: 1	E14SW (N)	0	4	489565 388639
26	OS Water Network Lines  Watercourse Form: Inland river Watercourse Length: 113.2 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Witham Primacy: 1	E14SE (N)	0	4	489678 388644



Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
27	OS Water Network Lines  Watercourse Form: Inland river Watercourse Length: 505.2 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Witham Primacy: 1	E13NE (NW)	0	4	489175 389203
28	OS Water Network Lines  Watercourse Form: Inland river Watercourse Length: 235.0 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Witham Primacy: 1	E9NE (NW)	0	4	489148 388519
29	OS Water Network Lines  Watercourse Form: Inland river Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Witham Primacy: 1	E3SW (S)	0	4	490000 386813
30	OS Water Network Lines  Watercourse Form: Inland river Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Witham Primacy: 1	E9NE (NW)	2	4	489148 388519
31	OS Water Network Lines  Watercourse Form: Inland river Watercourse Length: 120.6 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Witham Primacy: 1	E3NE (SE)	19	4	490574 386925
32	OS Water Network Lines  Watercourse Form: Inland river Watercourse Length: 139.4 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Witham Primacy: 1	E14NE (N)	20	4	489877 389035
33	OS Water Network Lines  Watercourse Form: Inland river Watercourse Length: 82.4 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Witham Primacy: 1	E14NE (N)	38	4	489846 389144
34	OS Water Network Lines  Watercourse Form: Inland river Watercourse Length: 2.3  Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Witham Primacy: 1	E14NE (N)	38	4	489846 389144
35	OS Water Network Lines  Watercourse Form: Inland river Watercourse Length: 9.7 Watercourse Level: Underground Permanent: True Watercourse Name: Not Supplied Catchment Name: Witham Primacy: 1	E14NE (N)	46	4	489902 389042



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Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
36	OS Water Network Lines  Watercourse Form: Inland river Watercourse Length: 98.0 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Witham Primacy: 1	E15NW (N)	55	4	489911 389046
	OS Water Network Lines				
37	Watercourse Form: Inland river Watercourse Length: 10.4 Watercourse Level: Underground Permanent: True Watercourse Name: Not Supplied Catchment Name: Witham Primacy: 1	E8SW (SE)	63	4	490596 387335
38	OS Water Network Lines  Watercourse Form: Inland river Watercourse Length: 166.8 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Witham Primacy: 1	E8SW (SE)	73	4	490606 387336
	OS Water Network Lines				
39	Watercourse Form: Inland river Watercourse Length: 5.3 Watercourse Level: Underground Permanent: True Watercourse Name: Not Supplied Catchment Name: Witham Primacy: 1	E14SE (N)	76	4	489804 388655
	OS Water Network Lines				
40	Watercourse Form: Inland river Watercourse Length: 163.4 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Witham Primacy: 1	E14SE (N)	81	4	489809 388656
	OS Water Network Lines				
41	Watercourse Form: Inland river Watercourse Length: 158.7 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Witham Primacy: 1	E4NW (SE)	106	4	490695 386950
42	OS Water Network Lines  Watercourse Form: Inland river Watercourse Length: 507.2  Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Witham	E6SW (SW)	168	4	489364 387538
	Primacy: 1				
43	OS Water Network Lines  Watercourse Form: Inland river Watercourse Length: 324.9  Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Witham Primacy: 1	E9NE (NW)	203	4	488906 388437
	OS Water Network Lines				
44	Watercourse Form: Inland river Watercourse Length: 312.2 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Witham Primacy: 1	E6SW (SW)	212	4	489379 387406



Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
45	OS Water Network Lines  Watercourse Form: Inland river Watercourse Length: 498.0 Watercourse Level: Not Supplied Permanent: True Watercourse Name: Not Supplied Catchment Name: Witham Primacy: 1	E5NE (W)	215	4	489213 387854
46	OS Water Network Lines  Watercourse Form: Inland river Watercourse Length: 370.9  Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Witham Primacy: 1	E8SW (SE)	217	4	490771 387347
47	OS Water Network Lines  Watercourse Form: Inland river Watercourse Length: 8.5 Watercourse Level: Underground Permanent: True Watercourse Name: Not Supplied Catchment Name: Witham Primacy: 1	E6SW (SW)	222	4	489388 387406
48	OS Water Network Lines  Watercourse Form: Inland river Watercourse Length: 108.4 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Witham Primacy: 1	E9NE (NW)	229	4	488974 388291
49	OS Water Network Lines  Watercourse Form: Inland river Watercourse Length: 3.3 Watercourse Level: Underground Permanent: True Watercourse Name: Not Supplied Catchment Name: Witham Primacy: 1	E8SW (SE)	237	4	490771 387351
50	OS Water Network Lines  Watercourse Form: Inland river Watercourse Length: 25.4 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Witham Primacy: 1	E9NE (NW)	249	4	488922 388386
51	OS Water Network Lines  Watercourse Form: Inland river Watercourse Length: 46.3 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Witham Primacy: 1	E9NE (NW)	249	4	488922 388386





	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
Licensed Waste Mail Licence Number: Location: Operator Name: Operator Location: Authority: Site Category: Licence Status: Issued: Last Modified: Expires: Suspended: Revoked: Surrendered: IPPC Reference:	nagement Facilities (Locations) 71048 Common Lane, Heapham, Gainsborough, Lincolnshire, DN21 5XD W J Furber Ltd Not Supplied Environment Agency - Anglian Region, Northern Area Metal Recycling Sites (Vehicle Dismantlers) Revoked 8th February 1994 Not Supplied Not Supplied Not Supplied Not Supplied 26th May 2015 Not Supplied Not Supplied Not Supplied Not Supplied	E14SW (NW)	67	2	489300 388900
Local Authority Lan	dfill Coverage				
	- Has no landfill data to supply		0	5	489858 387853
Local Authority Lan Name:	dfill Coverage Lincolnshire County Council - Had landfill data but passed it to the relevant environment agency		0	6	489858 387853
Registered Waste T	reatment or Disposal Sites				
Site Location:  Operator Location: Authority: Site Category: Max Input Rate: Waste Source Restrictions: Licence Status: Dated: Preceded By Licence: Superseded By Licence:	Old R.A.F. Sturgate, Common Lane, Heapham, GAINSBOROUGH, Lincolnshire, DN21 5XD Roving Bridge, Whixall, WHITCHURCH, Shropshire, SY13 2RT Environment Agency - Anglian Region, Northern Area Scrapyard - with Transfer Station Very Small (Less than 10,000 tonnes per year) No known restriction on source of waste  Operational as far as is knownOperational 8th February 1994 Not Given	E13SE (NW)	43	2	489200 388900
	Licence Number: Location: Operator Name: Operator Location: Authority: Site Category: Licence Status: Issued: Last Modified: Expires: Suspended: Revoked: Surrendered: IPPC Reference: Positional Accuracy: Local Authority Lan Name:  Registered Waste T Licence Holder: Licence Reference: Site Location: Operator Location: Authority: Site Category: Max Input Rate: Waste Source Restrictions: Licence Status: Dated: Preceded By Licence: Superseded By Licence: Superseded By Licence: Superseded By Licence: Soundary Quality:	Location: Common Lane, Heapham, Gainsborough, Lincolnshire, DN21 5XD Operator Name: V J Furber Ltd Operator Location: Not Supplied Environment Agency - Anglian Region, Northern Area Site Category: Metal Recycling Sites (Vehicle Dismantlers)  Licence Status: Stephender: Not Supplied Expires: Not Supplied Suspended: Not Supplied Suspended: Not Supplied Surrendered: Not Supplied Positional Accuracy: Located by supplied to within 100m  Local Authority Landfill Coverage  Name: West Lindsey District Council - Has no landfill data to supply  Local Authority Landfill Coverage  Name: West Lindsey District Council - Has no landfill data but passed it to the relevant environment agency  Registered Waste Treatment or Disposal Sites  Licence Holder: Licence Reference: Site Location: Operator Location: Authority: Site Category: Max Input Rate: Waste Source Restrictions: Licence Status: Dated: Str. Surgayard - with Transfer Station Very Small (Less than 10,000 tonnes per year)  Wost Given Licence: Superseded By Licence Superseded By Licence Mineral Oils Pressurized Containers Lices Cat. Al Inert Waste Lincs Cat. Al Inert Waste Lincs Cat. Bil Gen.WScrapmet.Nonsol Max. Waste Permitted By Licence Mineral Oils Pressurized Containers Rubber & Latex Including Tyres	Licensed Waste Management Facilities (Locations)  License Number:  Location: Operator Name: Operator Location: Not Supplied Authority: Licence Status: Issued: Last Modified: Not Supplied Suspended: Not Supplied No	Licensed Waste Management Facilities (Locations)  Licensec Number: Location: Coperator Name: Operator Location: Operator Status: Operator Location: Operator Status: Operator Location: Operator Location: Operator Location: Operator Location: Operator Location:	Licensed Waste Management Facilities (Locations) Location: Common Lane, Heapharm, Gainsborough, Lincolnshire, DN21 5XD Operator Name: VJ Furber Ltd Operator Location: Not Supplied Environment Agency - Anglian Region, Northern Area Expires: Suspended: Not Supplied Northern Agency - Anglian Region, Northern Area Expires: Suspended: Not Supplied Northern Agency - Anglian Region, Northern Area Environment Agency -





Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	BGS 1:625,000 Solid Geology				
	Description: Lias Group	E6NE (NW)	0	1	489858 387853
	Coal Mining Affected Areas	(1447)			307033
	In an area that might not be affected by coal mining				
	Non Coal Mining Areas of Great Britain No Hazard				
	Potential for Collapsible Ground Stability Hazards				
	Hazard Potential: No Hazard Source: British Geological Survey, National Geoscience Information Service	E4SW (SE)	0	1	490681 386786
	Potential for Collapsible Ground Stability Hazards	(02)			000.00
	Hazard Potential: Very Low	E6NE	0	1	489858
	Source: British Geological Survey, National Geoscience Information Service	(NW)			387853
	Potential for Collapsible Ground Stability Hazards Hazard Potential: Very Low	E7NW	0	1	490000
	Source: British Geological Survey, National Geoscience Information Service	(E)		·	387853
	Potential for Compressible Ground Stability Hazards				
	Hazard Potential: No Hazard Source: British Geological Survey, National Geoscience Information Service	E6NE (NW)	0	1	489858 387853
	Potential for Compressible Ground Stability Hazards	,			
	Hazard Potential: No Hazard	E7NW	0	1	490000
	Source: British Geological Survey, National Geoscience Information Service	(E)			387853
	Potential for Compressible Ground Stability Hazards Hazard Potential: Moderate	E4SW	0	1	490681
	Source: British Geological Survey, National Geoscience Information Service	(SE)			386786
	Potential for Ground Dissolution Stability Hazards				
	Hazard Potential: No Hazard Source: British Geological Survey, National Geoscience Information Service	E6NE (NW)	0	1	489858 387853
	Potential for Ground Dissolution Stability Hazards				
	Hazard Potential: No Hazard	E7NW	0	1	490000
	Source: British Geological Survey, National Geoscience Information Service	(E)			387853
	Potential for Landslide Ground Stability Hazards Hazard Potential: Very Low	E6NE	0	1	489858
	Source: British Geological Survey, National Geoscience Information Service	(NW)	-		387853
	Potential for Landslide Ground Stability Hazards				
	Hazard Potential: Very Low   Source: British Geological Survey, National Geoscience Information Service	E7NW (E)	0	1	490000 387853
	Potential for Running Sand Ground Stability Hazards				
	Hazard Potential: Very Low Source: British Geological Survey, National Geoscience Information Service	E6NE	0	1	489858
	Source: British Geological Survey, National Geoscience Information Service  Potential for Running Sand Ground Stability Hazards	(NW)			387853
	Hazard Potential: Very Low	E7NW	0	1	490000
	Source: British Geological Survey, National Geoscience Information Service	(E)			387853
	Potential for Running Sand Ground Stability Hazards	E 40144			400004
	Hazard Potential: Low   Source: British Geological Survey, National Geoscience Information Service	E4SW (SE)	0	1	490681 386786
	Potential for Shrinking or Swelling Clay Ground Stability Hazards				
	Hazard Potential: Low Source: British Geological Survey, National Geoscience Information Service	E6NE (NW)	0	1	489858 387853
	Potential for Shrinking or Swelling Clay Ground Stability Hazards	(1447)			307033
	Hazard Potential: Low	E7NW	0	1	490000
	Source: British Geological Survey, National Geoscience Information Service	(E)			387853
	Potential for Shrinking or Swelling Clay Ground Stability Hazards	E40144		4	400004
	Hazard Potential: Very Low Source: British Geological Survey, National Geoscience Information Service	E4SW (SE)	0	1	490681 386786
	Radon Potential - Radon Affected Areas				
	Affected Area: The property is in a Lower probability radon area (less than 1% of hom estimated to be at or above the Action Level).	es are E6NE (NW)	0	1	489858 387853
	Source: British Geological Survey, National Geoscience Information Service	(1444)			301000
	Radon Potential - Radon Affected Areas				
	Affected Area: The property is in a Lower probability radon area (less than 1% of hom estimated to be at or above the Action Level).	es are E7NW (E)	0	1	490000 387853
	Source: British Geological Survey, National Geoscience Information Service	(-)			307033



### **Geological**

Map ID		Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
		adon Protection Measures  No radon protective measures are necessary in the construction of new dwellings or extensions  British Geological Survey, National Geoscience Information Service	E6NE (NW)	0	1	489858 387853
		adon Protection Measures  No radon protective measures are necessary in the construction of new	E7NW	0	1	490000
	Source:	dwellings or extensions  British Geological Survey, National Geoscience Information Service	(E)		'	387853

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#### **Industrial Land Use**

Map ID		Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	Contemporary Trad	e Directory Entries				
54	Name: Location: Classification: <b>Status:</b> Positional Accuracy:	W J Furber Ltd Common Lane, Heapham, Gainsborough, Lincolnshire, DN21 5XD Car Breakers & Dismantlers Inactive Automatically positioned in the proximity of the address	E9NE (NW)	0	-	489168 388548

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#### **Sensitive Land Use**

Map ID		Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
55	Nitrate Vulnerable Name: Description: Source:	Zones River Eau From Kirton Lindsey Trib To R Trent Nvz Surface Water Environment Agency, Head Office	E15SE (NE)	0	3	490430 388690
56	Nitrate Vulnerable Name: Description: Source:	Zones  Lower Witham Nvz Surface Water Environment Agency, Head Office	E6NE (NW)	0	3	489858 387853

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Agency & Hydrological	Version	Update Cycle
Contaminated Land Register Entries and Notices		
Environment Agency - Head Office	June 2020	Annually
West Lindsey District Council - Environmental Health Department	September 2017	Annual Rolling Update
Discharge Consents		
Environment Agency - Anglian Region	April 2022	Quarterly
Environment Agency - Midlands Region	April 2022	Quarterly
Enforcement and Prohibition Notices		
Environment Agency - Anglian Region	March 2013	
Integrated Pollution Controls		
Environment Agency - Anglian Region	January 2009	
Integrated Pollution Prevention And Control		
Environment Agency - Anglian Region	April 2022	Quarterly
Local Authority Integrated Pollution Prevention And Control	·	
West Lindsey District Council - Environmental Health Department	November 2014	Variable
		Vallable
Local Authority Pollution Prevention and Controls	November 2014	Annual Polling Undate
West Lindsey District Council - Environmental Health Department	November 2014	Annual Rolling Update
Local Authority Pollution Prevention and Control Enforcements		
West Lindsey District Council - Environmental Health Department	November 2014	Variable
Nearest Surface Water Feature		
Ordnance Survey	May 2022	
Pollution Incidents to Controlled Waters		
Environment Agency - Midlands Region	December 1999	
Environment Agency - Anglian Region	September 1999	
Prosecutions Relating to Authorised Processes		
Environment Agency - Anglian Region	July 2015	
Prosecutions Relating to Controlled Waters		
Environment Agency - Anglian Region	March 2013	
Registered Radioactive Substances		
Environment Agency - Anglian Region	June 2016	As notified
River Quality		
Environment Agency - Head Office	November 2001	Not Applicable
	14040111501 2001	Not Applicable
River Quality Biology Sampling Points Environment Agency - Head Office	April 2012	
	April 2012	
River Quality Chemistry Sampling Points		
Environment Agency - Head Office	April 2012	
Substantiated Pollution Incident Register		
Environment Agency - Anglian Region - Northern Area	April 2022	Quarterly
Water Abstractions		
Environment Agency - Anglian Region	April 2022	Quarterly
Environment Agency - Midlands Region	April 2022	Quarterly
Water Industry Act Referrals		
Environment Agency - Anglian Region	October 2017	
Groundwater Vulnerability Map		
Environment Agency - Head Office	June 2018	As notified
Bedrock Aquifer Designations		
Environment Agency - Head Office	January 2018	Annually
	2334., 20.0	
Superficial Aquifer Designations Environment Agency - Head Office	January 2018	Annually
	January 2016	Ailliually
Source Protection Zones		5
Environment Agency - Head Office	May 2021	Bi-Annually



Agency & Hydrological	Version	Update Cycle
Extreme Flooding from Rivers or Sea without Defences		
Environment Agency - Head Office	May 2022	Quarterly
Flooding from Rivers or Sea without Defences		
Environment Agency - Head Office	May 2022	Quarterly
Areas Benefiting from Flood Defences		
Environment Agency - Head Office	May 2022	Quarterly
Flood Water Storage Areas		
Environment Agency - Head Office	May 2022	Quarterly
Flood Defences		
Environment Agency - Head Office	May 2022	Quarterly
OS Water Network Lines		
Ordnance Survey	April 2022	Quarterly
BGS Groundwater Flooding Susceptibility		
British Geological Survey - National Geoscience Information Service	May 2013	As notified
Waste	Version	Update Cycle
BGS Recorded Landfill Sites		
British Geological Survey - National Geoscience Information Service	November 2002	As notified
Historical Landfill Sites		
Environment Agency - Head Office	April 2022	Quarterly
Integrated Pollution Control Registered Waste Sites		
Environment Agency - Anglian Region	January 2009	Not Applicable
Licensed Waste Management Facilities (Landfill Boundaries)		
Environment Agency - Anglian Region - Northern Area	April 2022	Quarterly
Licensed Waste Management Facilities (Locations)		
Environment Agency - Anglian Region - Northern Area	April 2022	Quarterly
Local Authority Landfill Coverage	·	
Lincolnshire County Council	February 2003	Not Applicable
West Lindsey District Council - Environmental Health Department	February 2003	Not Applicable
Local Authority Recorded Landfill Sites		
Lincolnshire County Council	October 2018	
West Lindsey District Council - Environmental Health Department	October 2018	
Registered Landfill Sites		
Environment Agency - Anglian Region - Northern Area	March 2006	Not Applicable
Registered Waste Transfer Sites		
Environment Agency - Anglian Region - Northern Area	April 2018	
Registered Waste Treatment or Disposal Sites	·	

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Hazardous Substances	Version	Update Cycle
Control of Major Accident Hazards Sites (COMAH) Health and Safety Executive	January 2022	Bi-Annually
Explosive Sites	,	
Health and Safety Executive	March 2017	Annually
Notification of Installations Handling Hazardous Substances (NIHHS)		
Health and Safety Executive	August 2001	
Planning Hazardous Substance Enforcements Lincolnshire County Council - Highways and Planning Department	August 2010	Variable
West Lindsey District Council	February 2016	Variable
Planning Hazardous Substance Consents Lincolnshire County Council - Highways and Planning Department West Lindsey District Council	August 2007 February 2016	Variable Variable
Geological	Version	Update Cycle
BGS 1:625,000 Solid Geology British Geological Survey - National Geoscience Information Service	January 2009	As notified
BGS Recorded Mineral Sites British Geological Survey - National Geoscience Information Service	May 2022	Bi-Annually
CBSCB Compensation District Cheshire Brine Subsidence Compensation Board (CBSCB) Cheshire Brine Subsidence Compensation Board (CBSCB)	August 2011 November 2020	As notified
Coal Mining Affected Areas		
The Coal Authority - Property Searches	March 2014	Annual Rolling Update
Mining Instability Ove Arup & Partners	June 1998	Not Applicable
Non Coal Mining Areas of Great Britain British Geological Survey - National Geoscience Information Service	May 2015	Not Applicable
Potential for Collapsible Ground Stability Hazards British Geological Survey - National Geoscience Information Service	April 2020	As notified
Potential for Compressible Ground Stability Hazards British Geological Survey - National Geoscience Information Service	January 2019	As notified
Potential for Ground Dissolution Stability Hazards British Geological Survey - National Geoscience Information Service	January 2019	As notified
Potential for Landslide Ground Stability Hazards British Geological Survey - National Geoscience Information Service	January 2019	As notified
Potential for Running Sand Ground Stability Hazards British Geological Survey - National Geoscience Information Service	January 2019	As notified
Potential for Shrinking or Swelling Clay Ground Stability Hazards British Geological Survey - National Geoscience Information Service	January 2019	As notified
Radon Potential - Radon Affected Areas British Geological Survey - National Geoscience Information Service	July 2011	Annually
		+

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Industrial Land Use	Version	Update Cycle
Contemporary Trade Directory Entries Thomson Directories	April 2022	Quarterly
Fuel Station Entries Catalist Ltd - Experian	June 2022	Quarterly
Gas Pipelines National Grid	October 2021	Bi-Annually
Underground Electrical Cables National Grid	May 2021	Bi-Annually
Sensitive Land Use	Version	Update Cycle
Ancient Woodland Natural England	February 2021	Bi-Annually
Areas of Adopted Green Belt West Lindsey District Council	October 2020	Quarterly
Areas of Unadopted Green Belt West Lindsey District Council	October 2020	Quarterly
Areas of Outstanding Natural Beauty Natural England	January 2021	Bi-Annually
Environmentally Sensitive Areas Natural England	January 2017	
Forest Parks Forestry Commission	April 1997	Not Applicable
Local Nature Reserves Natural England	February 2021	Bi-Annually
Marine Nature Reserves Natural England	July 2019	Bi-Annually
National Nature Reserves Natural England	January 2021	Bi-Annually
National Parks Natural England	February 2018	Bi-Annually
Nitrate Sensitive Areas Natural England	April 2016	Not Applicable
Nitrate Vulnerable Zones Department for Environment, Food and Rural Affairs (DEFRA - formerly FRCA) Environment Agency - Head Office	April 2016 June 2017	Bi-Annually
Ramsar Sites Natural England	August 2020	Bi-Annually
Sites of Special Scientific Interest Natural England	February 2021	Bi-Annually
Special Areas of Conservation Natural England	July 2020	Bi-Annually
Special Protection Areas Natural England	February 2021	Bi-Annually

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#### **Data Suppliers**

A selection of organisations who provide data within this report

Data Supplier	Data Supplier Logo	
Ordnance Survey	Mop data	
Environment Agency	Environment	
Scottish Environment Protection Agency	SEPA	
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 Cyfrou Natural Resources Wales	
Scottish Natural Heritage	SCOTTISH NATURAL HERITAGE 谜살기	
Natural England	NATURAL ENGLAND	
Public Health England	Public Health England	
Ove Arup	ARUP	
Stantec UK Ltd	<b>Stantec</b>	

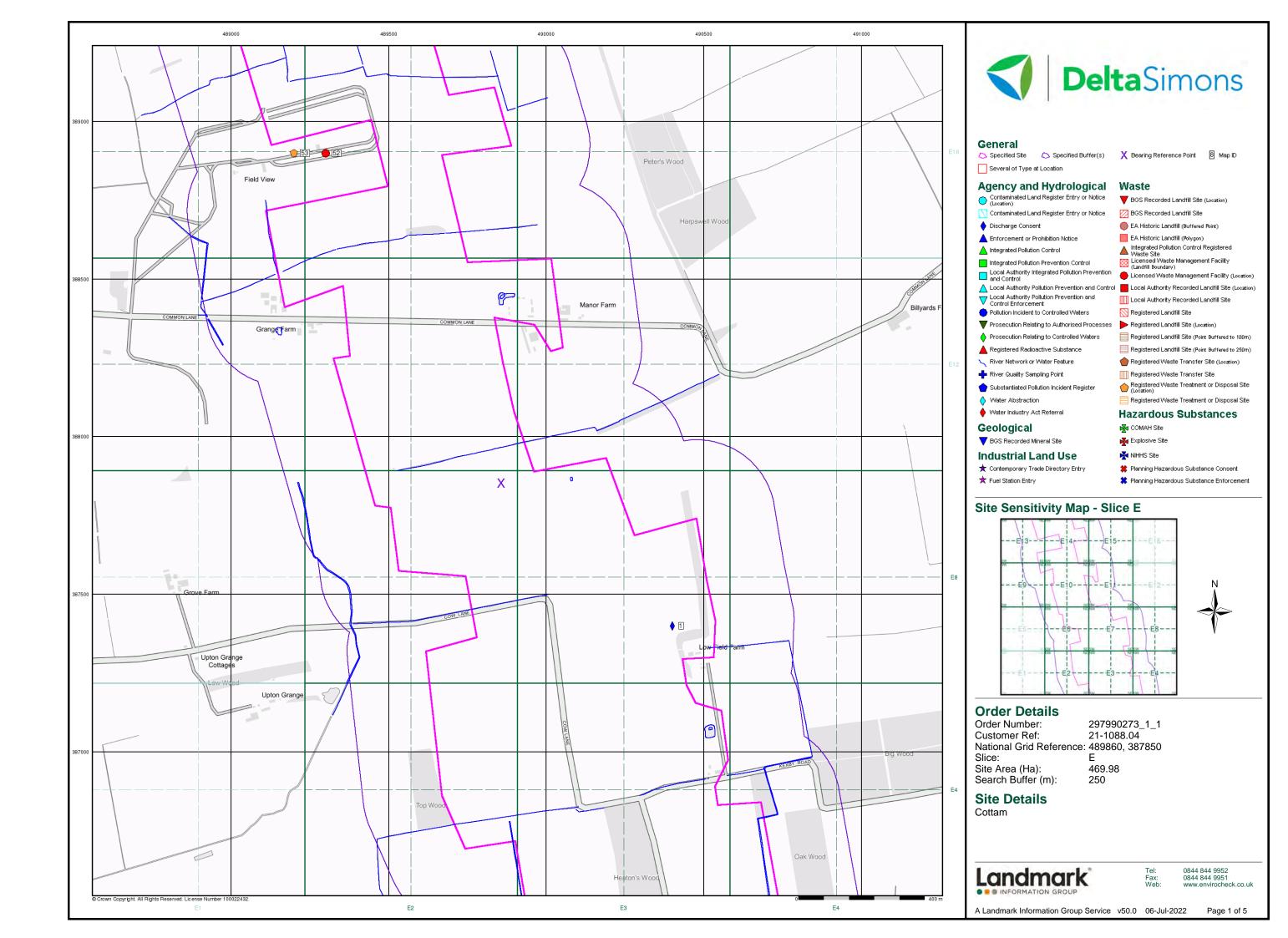


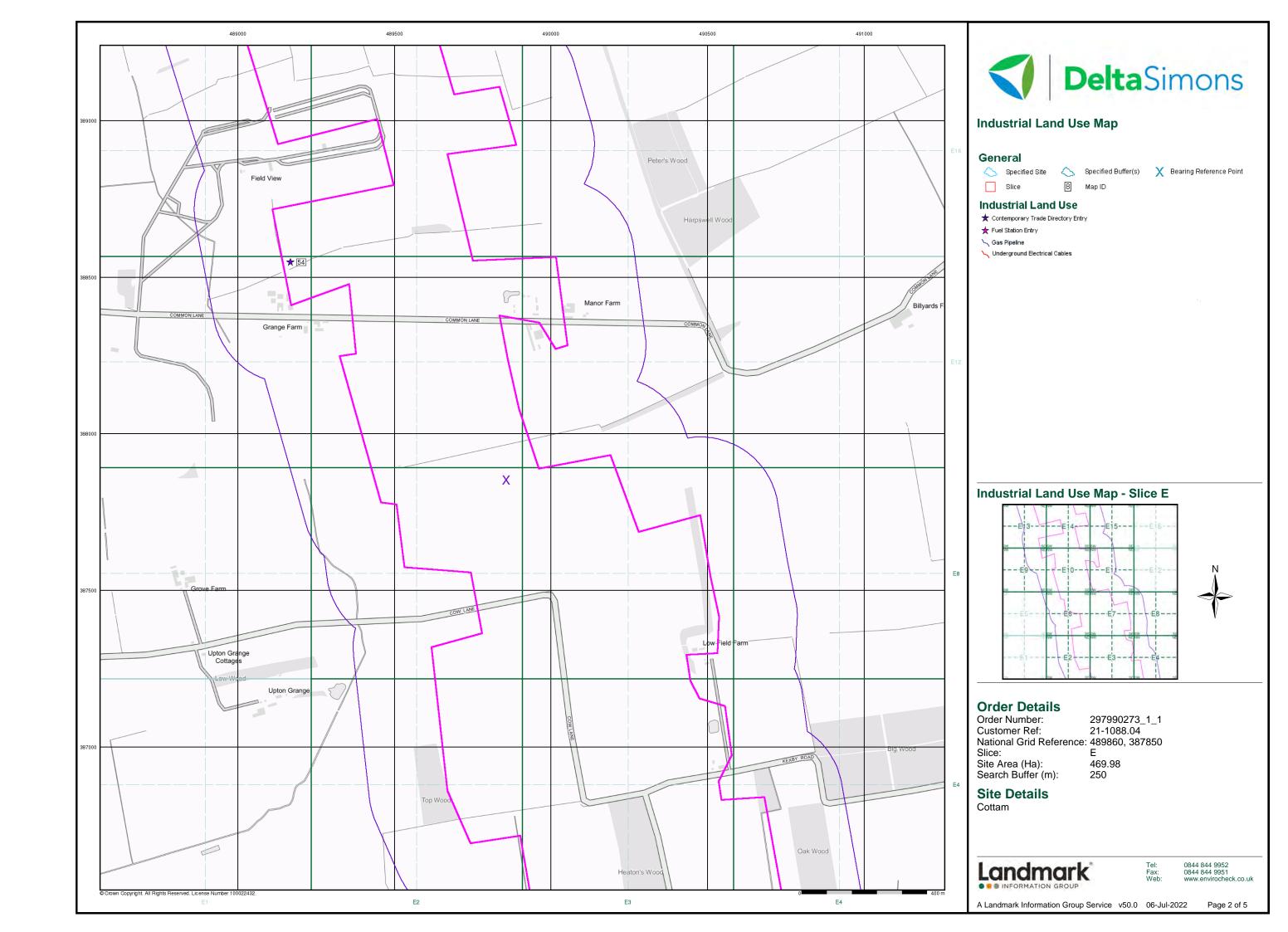
#### **Useful Contacts**

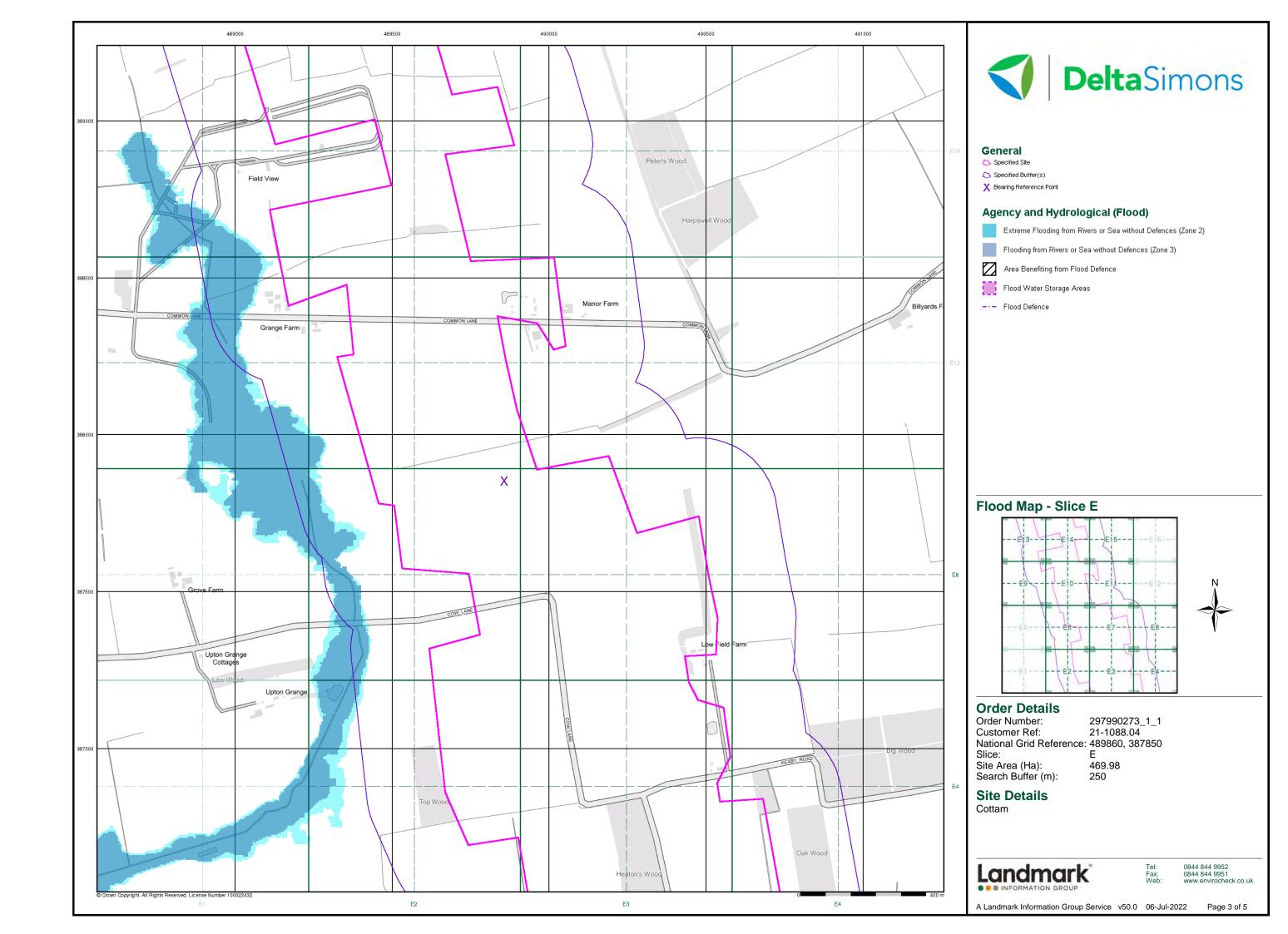
Page 23 of 23

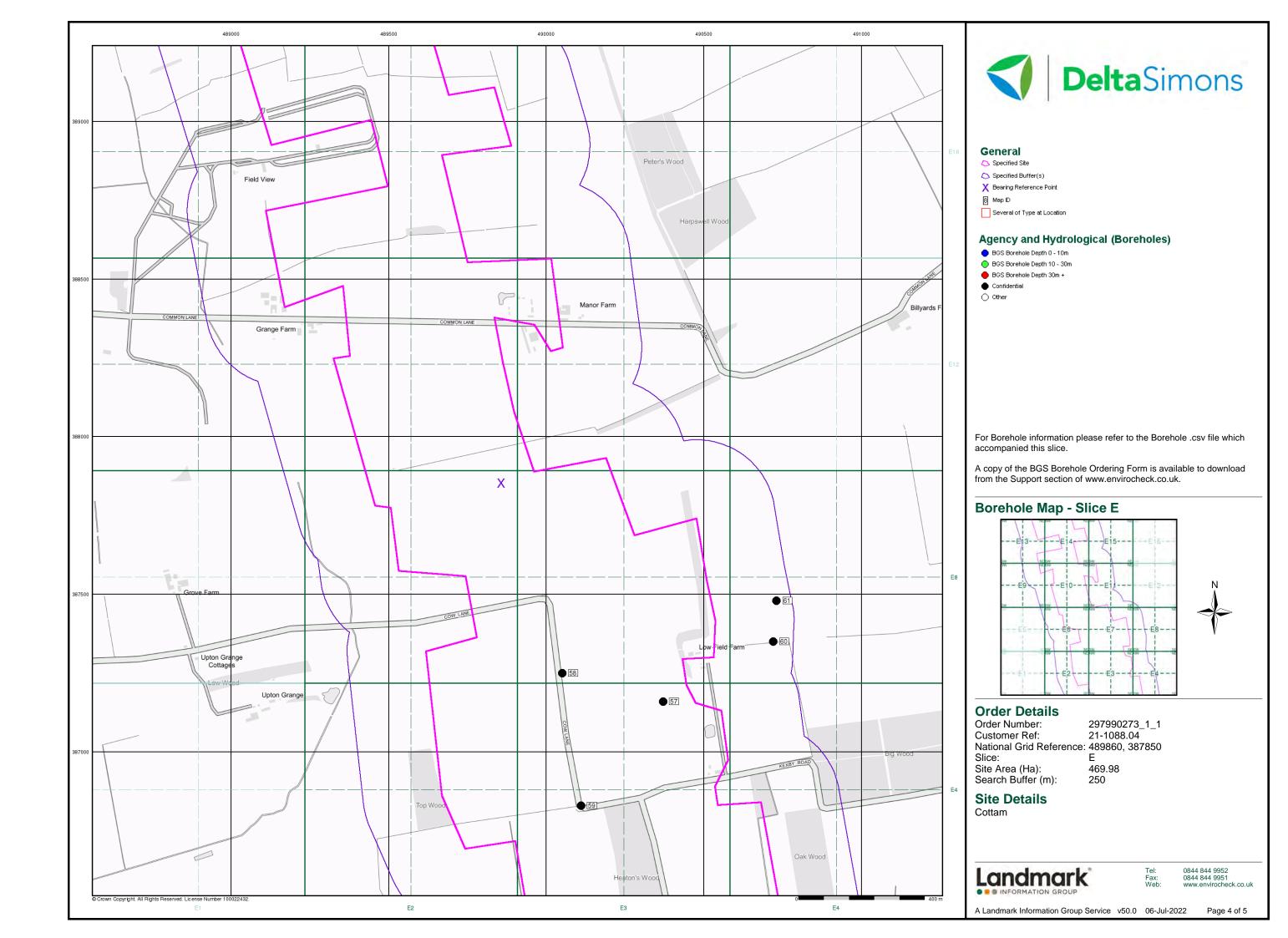
Contact	Name and Address	Contact Details	
1	British Geological Survey - Enquiry Service  British Geological Survey, Environmental Science Centre, Keyworth, Nottingham, Nottinghamshire, NG12 5GG	Telephone: 0115 936 3143 Fax: 0115 936 3276 Email: enquiries@bgs.ac.uk Website: www.bgs.ac.uk	
2	Environment Agency - National Customer Contact Centre (NCCC) PO Box 544, Templeborough, Rotherham, S60 1BY	Telephone: 03708 506 506 Email: enquiries@environment-agency.gov.uk	
3	Environment Agency - Head Office Rio House, Waterside Drive, Aztec West, Almondsbury, Bristol, Avon, BS32 4UD	Telephone: 01454 624400 Fax: 01454 624409	
4	Ordnance Survey Adanac Drive, Southampton, Hampshire, SO16 0AS	Telephone: 03456 05 05 05 Email: customerservices@ordnancesurvey.co.uk Website: www.ordnancesurvey.gov.uk	
5	West Lindsey District Council - Environmental Health Department The Guildhall, Caskgate Street, Gainsborough, Lincolnshire, DN21 2DH	Telephone: 01427 676676 Fax: 01427 810623 Website: www.west-lindsey.gov.uk	
6	Lincolnshire County Council 4th Floor, City Hall, Lincoln, Lincolnshire, LN1 1DN	Telephone: 01522 552222 Fax: 01522 552288 Email: PublicRelations@lincolnshire.gov.uk Website: www.lincolnshire.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	

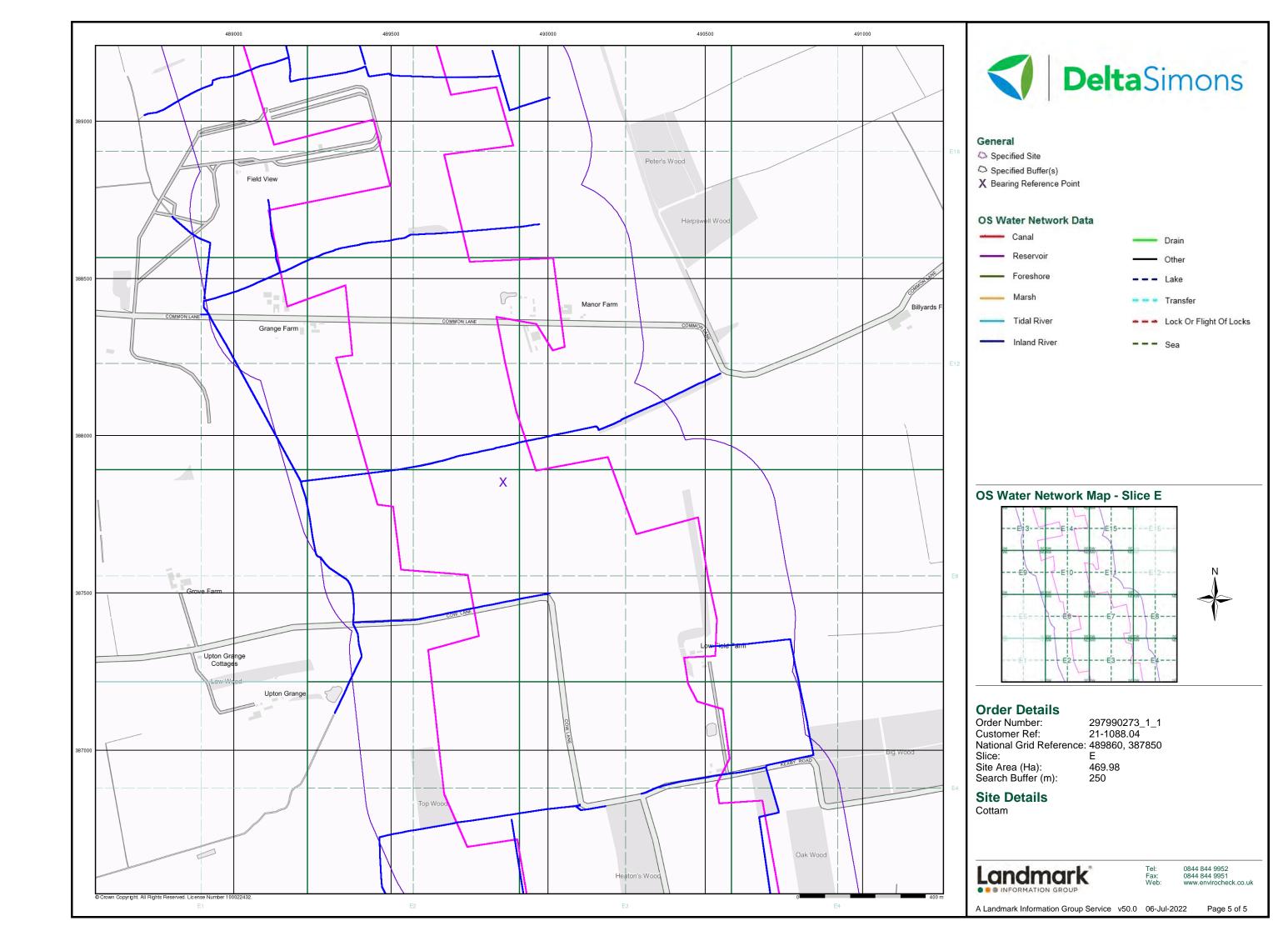
Please note that the Environment Agency / Natural Resources Wales / SEPA have a charging policy in place for enquiries.

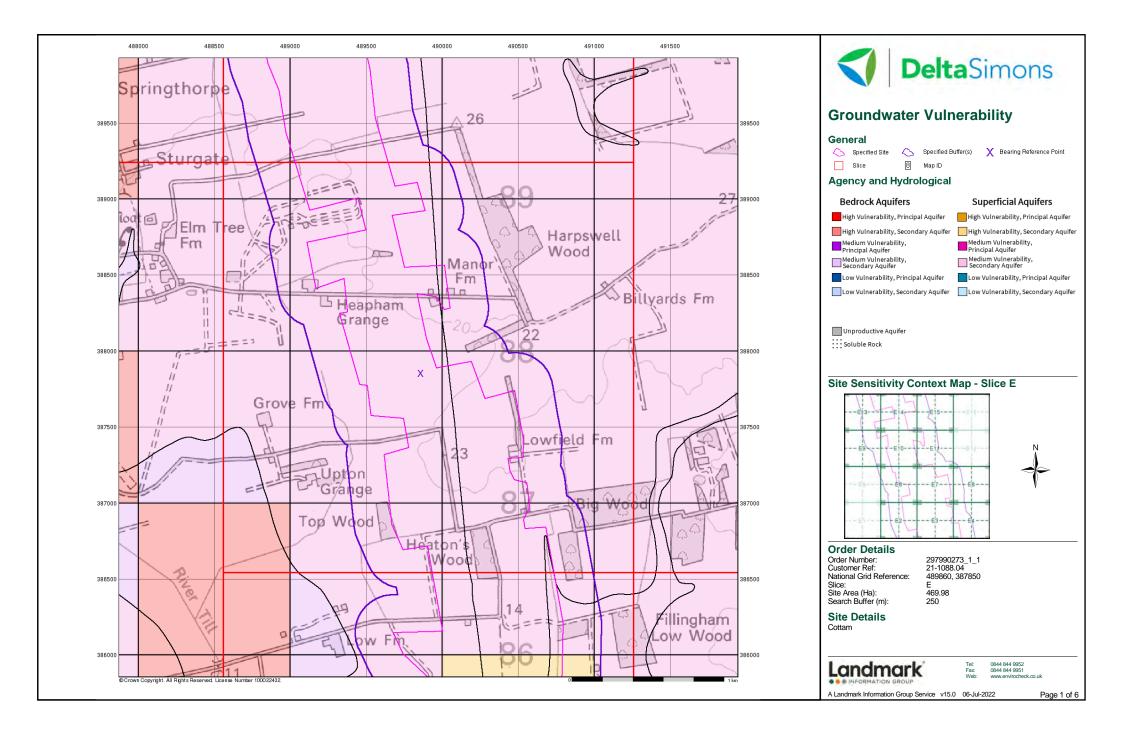


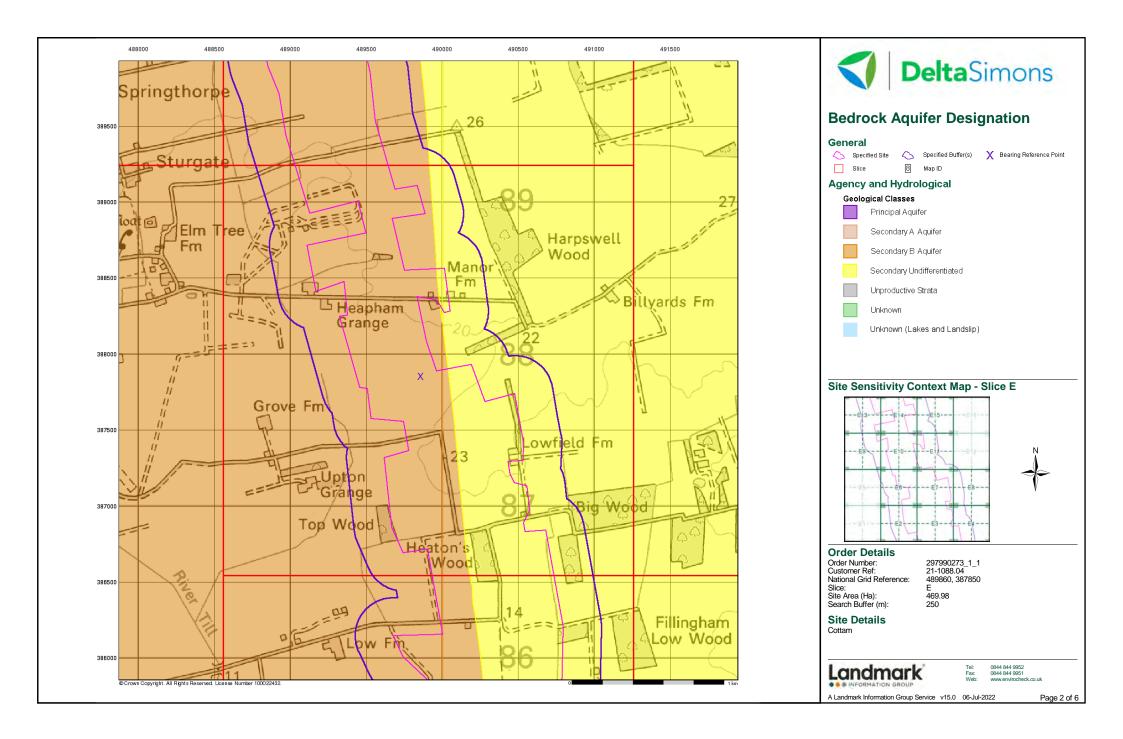


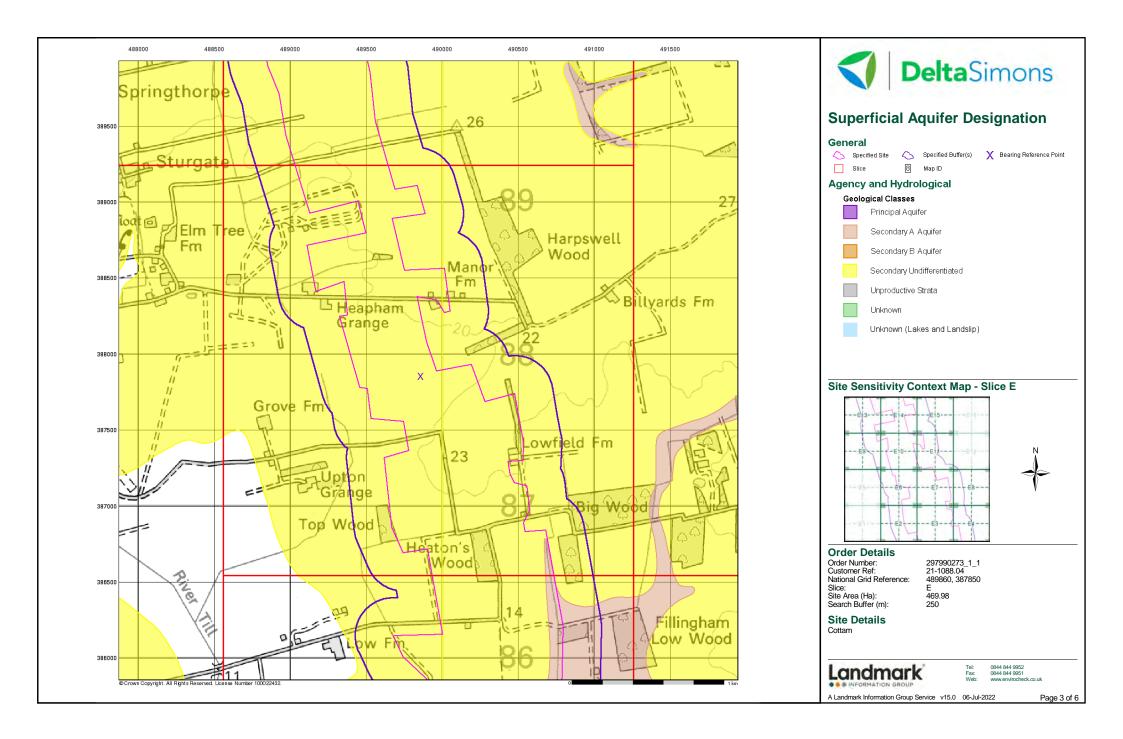


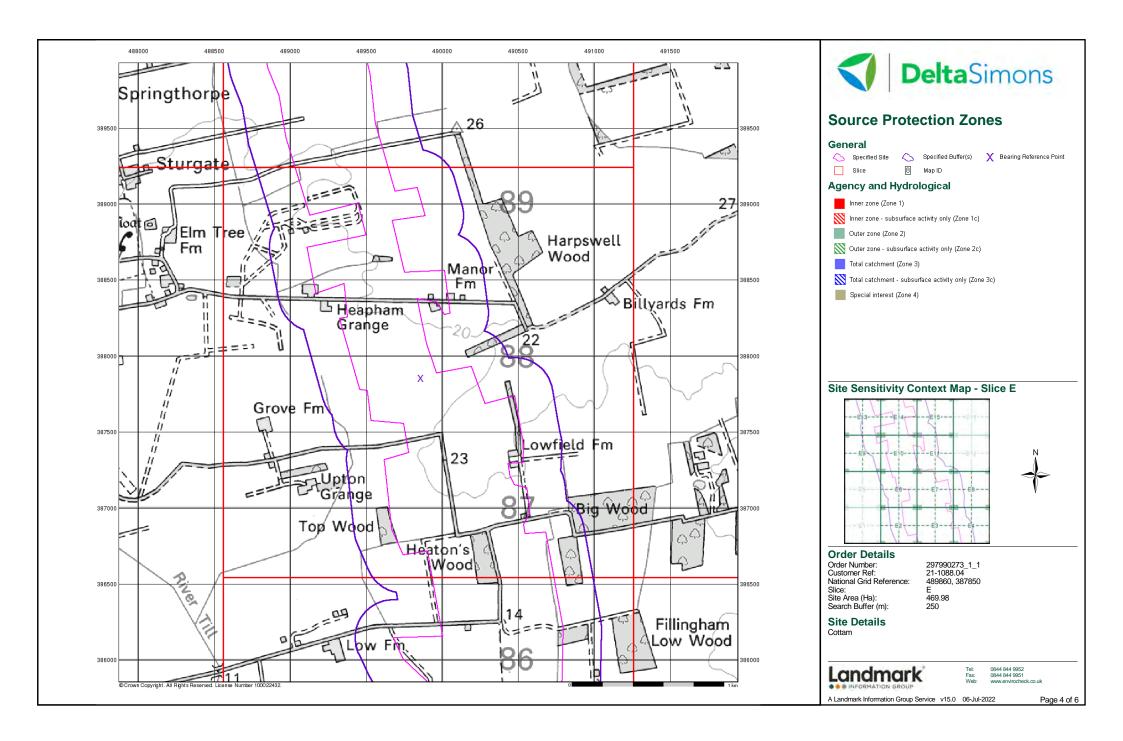


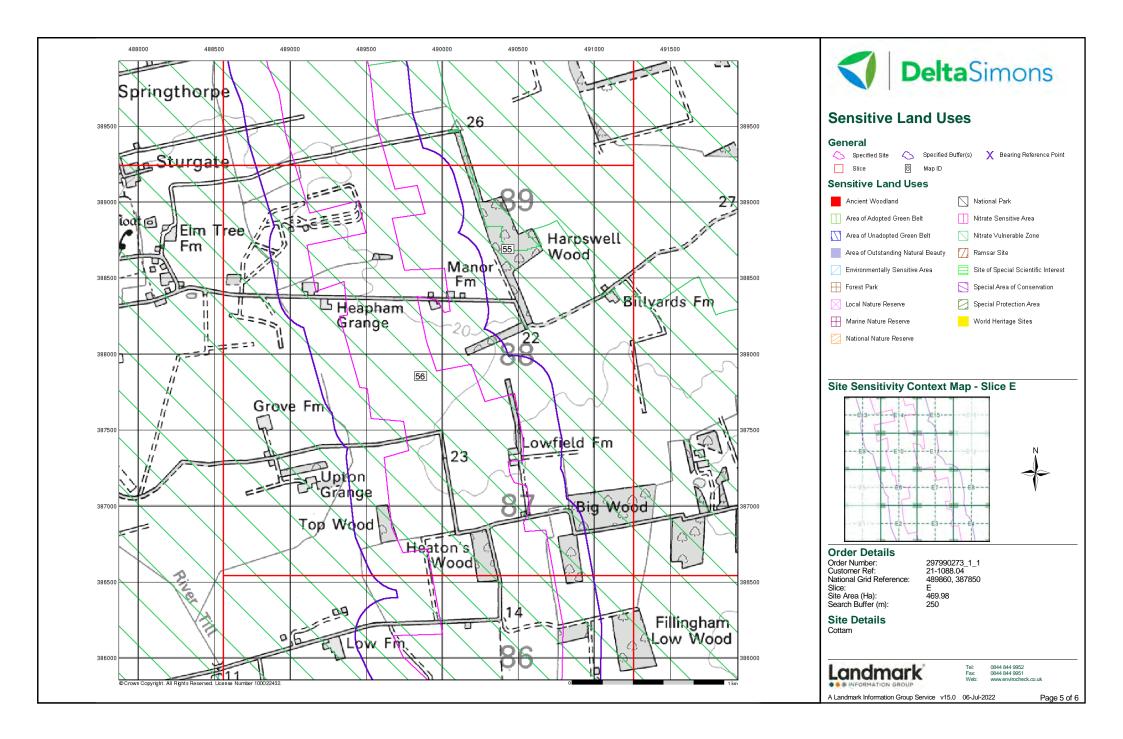


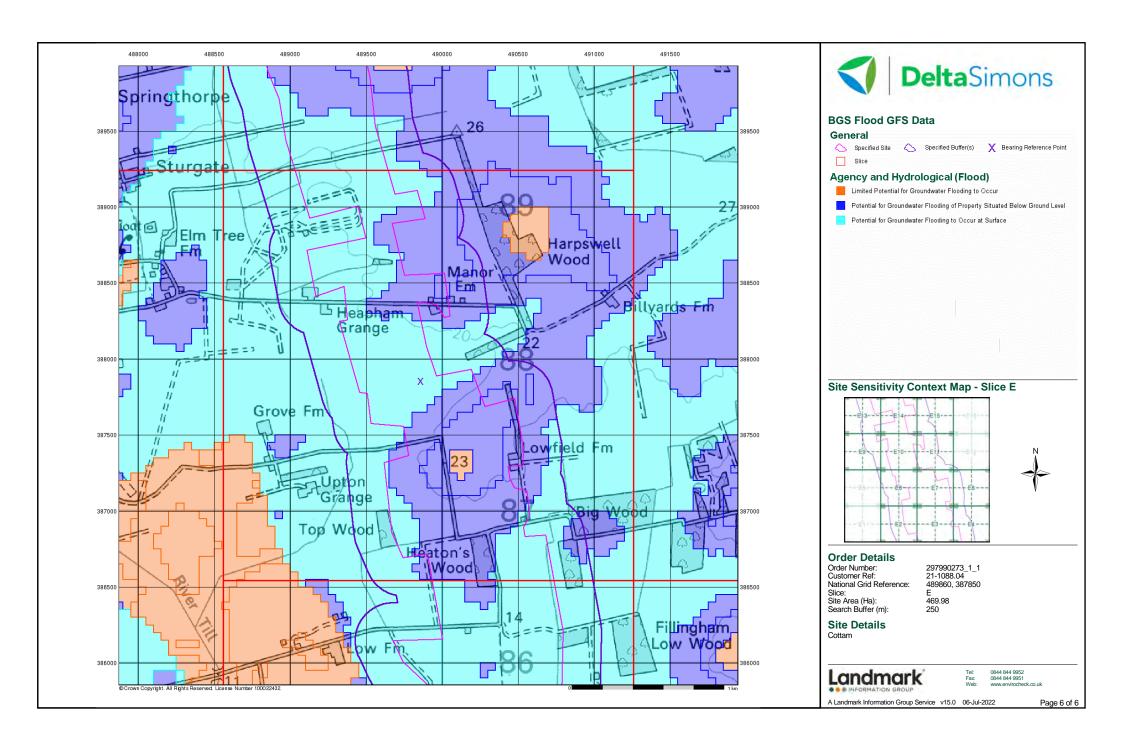














# **Envirocheck® Report:**

#### **Datasheet**

#### **Order Details:**

**Order Number:** 

297990273\_1\_1

**Customer Reference:** 

21-1088.04

**National Grid Reference:** 

488550, 390260

Slice:

F

Site Area (Ha):

469.98

Search Buffer (m):

250

#### **Site Details:**

Cottam

#### **Client Details:**

Ms M Booth Delta Simons Suite 4A One Portland Street Manchester M1 3BE







Report Section	Page Number
Summary	-
Agency & Hydrological	1
Waste	3
Hazardous Substances	-
Geological	4
Industrial Land Use	-
Sensitive Land Use	5
Data Currency	6
Data Suppliers	10
Useful Contacts	11

#### 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 (*up to 500m)
Agency & Hydrological			
BGS Groundwater Flooding Susceptibility	pg 1	Yes	
Contaminated Land Register Entries and Notices			
Discharge Consents			
Prosecutions Relating to Controlled Waters			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			
Pollution Incidents to Controlled Waters			
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			
Water Industry Act Referrals			
Groundwater Vulnerability Map	pg 1	Yes	n/a
Groundwater Vulnerability - Soluble Rock Risk			n/a
Bedrock Aquifer Designations	pg 2	Yes	n/a
Superficial Aquifer Designations	pg 2	Yes	n/a
Source Protection Zones			
Extreme Flooding from Rivers or Sea without Defences			
Flooding from Rivers or Sea without Defences			
Areas Benefiting from Flood Defences			
Flood Water Storage Areas			
Flood Defences			
OS Water Network Lines			





Data Type	Page Number	On Site	0 to 250m (*up to 500m)
Waste			
BGS Recorded Landfill Sites			
Historical Landfill Sites			
Integrated Pollution Control Registered Waste Sites			
Licensed Waste Management Facilities (Landfill Boundaries)			
Licensed Waste Management Facilities (Locations)			
Local Authority Landfill Coverage	pg 3	2	n/a
Local Authority Recorded Landfill Sites			
Registered Landfill Sites			
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 4	Yes	n/a
BGS Recorded Mineral Sites			
CBSCB Compensation District			n/a
Coal Mining Affected Areas			n/a
Mining Instability			n/a
Man-Made Mining Cavities			
Natural Cavities			
Non Coal Mining Areas of Great Britain			
Potential for Collapsible Ground Stability Hazards	pg 4	Yes	
Potential for Compressible Ground Stability Hazards			
Potential for Ground Dissolution Stability Hazards			
Potential for Landslide Ground Stability Hazards	pg 4	Yes	
Potential for Running Sand Ground Stability Hazards	pg 4	Yes	
Potential for Shrinking or Swelling Clay Ground Stability Hazards	pg 4	Yes	
Radon Potential - Radon Affected Areas			n/a
Radon Potential - Radon Protection Measures			n/a



### **Summary**

Data Type	Page Number	On Site	0 to 250m (*up to 500m)
Industrial Land Use			
Contemporary Trade Directory Entries			
Fuel Station Entries			
Gas Pipelines			
Underground Electrical Cables			
Sensitive Land Use			
Ancient Woodland			
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 5	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 Type:	Flooding Susceptibility Potential for Groundwater Flooding of Property Situated Below Ground Level	(E)	0	1	489100 390256
	BGS Groundwater	Flooding Susceptibility				390230
	Flooding Type:	Potential for Groundwater Flooding of Property Situated Below Ground Level	(SE)	0	1	488800 390150
	BGS Groundwater	Flooding Susceptibility				
	Flooding Type:	Potential for Groundwater Flooding of Property Situated Below Ground Level	(SE)	0	1	488800 390000
	BGS Groundwater	Flooding Susceptibility				
	Flooding Type:	Potential for Groundwater Flooding to Occur at Surface	F8SE (S)	0	1	488548 390000
	BGS Groundwater	Flooding Susceptibility	, ,			
	Flooding Type:	Potential for Groundwater Flooding to Occur at Surface	F8NE (SE)	0	1	488548 390256
	Nearest Surface Wa	ater Feature	(02)			000200
	None					
	Groundwater Vulne Combined Classification: Combined	erability Map Secondary Superficial Aquifer - Medium Vulnerability Medium	F8NE (SE)	0	2	488548 390256
	Vulnerability: Combined Aquifer: Pollutant Speed: Bedrock Flow: Dilution: Baseflow Index: Superficial	Productive Bedrock Aquifer, Productive Superficial Aquifer Low Well Connected Fractures <300 mm/year 40-70% >90%				
	Patchiness: Superficial	3-10m				
	Thickness: Superficial	Low				
	Recharge:					
	Groundwater Vulne	erability Map				
	Combined Classification:	Secondary Superficial Aquifer - Medium Vulnerability	(E)	0	2	489000 390256
	Combined Vulnerability:	Medium				
	Combined Aquifer: Pollutant Speed: Bedrock Flow:	Productive Bedrock Aquifer, Productive Superficial Aquifer Low Well Connected Fractures				
	Dilution: Baseflow Index:	<300 mm/year 40-70%				
	Superficial Patchiness:	>90%				
	Superficial Thickness:	3-10m				
	Superficial Recharge:	Low				
	Groundwater Vulne	erability Map				
	Combined Classification:	Secondary Superficial Aquifer - Medium Vulnerability	F8SE (S)	0	2	488548 390000
	Combined Vulnerability:	Medium	(0)			330000
	Combined Aquifer: Pollutant Speed: Bedrock Flow:	Productive Bedrock Aquifer, Productive Superficial Aquifer Low Well Connected Fractures				
	Dilution: Baseflow Index: Superficial	<300 mm/year 40-70% >90%				
	Patchiness: Superficial	>90% 3-10m				
	Thickness: Superficial	Low				
	Recharge:					



# **Agency & Hydrological**

Map ID		Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	Groundwater Vulne	erability Map				
	Combined Classification:	Secondary Superficial Aquifer - Medium Vulnerability	(SE)	0	2	489000 390000
	Combined Vulnerability:	Medium				
	Combined Aquifer: Pollutant Speed: Bedrock Flow: Dilution: Baseflow Index: Superficial Patchiness:	Productive Bedrock Aquifer, Productive Superficial Aquifer Low Well Connected Fractures <300 mm/year 40-70% >90%				
	Superficial Thickness: Superficial	3-10m Low				
	Recharge:	LOW				
	Groundwater Vulne	erability Map				
	Combined Classification: Combined Vulnerability: Combined Aquifer: Pollutant Speed:	Secondary Superficial Aquifer - Medium Vulnerability  Medium  Productive Bedrock Aquifer, Productive Superficial Aquifer Low	(S)	0	2	489000 389000
	Bedrock Flow: Dilution: Baseflow Index: Superficial Patchiness:	Well Connected Fractures <300 mm/year 40-70% >90%				
	Superficial Thickness: Superficial	<3m Low				
	Recharge:					
	None Groundwater Vulne	erability - Soluble Rock Risk				
	Bedrock Aquifer De	asignations				
	· -	Secondary Aquifer - B	F8SE (S)	0	2	488548 390000
	Bedrock Aquifer De	esignations	(9)			333333
	-	Secondary Aquifer - B	F8NE (SE)	0	2	488548 390256
	Superficial Aquifer	Designations				
	Aquifer Designation:	Secondary Aquifer - Undifferentiated	F8NE (SE)	0	2	488548 390256
	Superficial Aquifer					
	Aquifer Designation:	Secondary Aquifer - Undifferentiated	F8SE (S)	0	2	488548 390000
	Extreme Flooding f	from Rivers or Sea without Defences				
	Flooding from Rive	ers or Sea without Defences				
	None					
	Areas Benefiting fro	om Flood Defences				
	Flood Water Storag	ge Areas				
	None					
	Flood Defences None					
	OS Water Network	Lines				
	None					





Map ID		Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	Local Authority Lan	dfill Coverage				
	Name:	West Lindsey District Council - Has no landfill data to supply		0	3	488548 390256
	Local Authority Lan	dfill Coverage				
	Name:	Lincolnshire County Council - Had landfill data but passed it to the relevant environment agency		0	4	488548 390256

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# Geological

Map ID		Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	BGS 1:625,000 Solid	d Geology				
	Description:	Lias Group	F8NE (SE)	0	1	488548 390256
	Coal Mining Affecte	d Areas				
	In an area that might	not be affected by coal mining				
	Non Coal Mining Ar No Hazard	eas of Great Britain				
	Potential for Collap	sible Ground Stability Hazards				
	Hazard Potential: Source:	Very Low British Geological Survey, National Geoscience Information Service	F8NE (SE)	0	1	488548 390256
	Potential for Compr	ressible Ground Stability Hazards				
	Hazard Potential: Source:	No Hazard British Geological Survey, National Geoscience Information Service	F8NE (SE)	0	1	488548 390256
	Potential for Groun	d Dissolution Stability Hazards				
	Hazard Potential: Source:	No Hazard British Geological Survey, National Geoscience Information Service	F8NE (SE)	0	1	488548 390256
	Potential for Landsl	lide Ground Stability Hazards				
	Hazard Potential: Source:	Very Low British Geological Survey, National Geoscience Information Service	F8NE (SE)	0	1	488548 390256
	Potential for Runnin	ng Sand Ground Stability Hazards				
	Hazard Potential: Source:	Very Low British Geological Survey, National Geoscience Information Service	F8NE (SE)	0	1	488548 390256
	Potential for Shrink	ing or Swelling Clay Ground Stability Hazards				
	Hazard Potential: Source:	Low British Geological Survey, National Geoscience Information Service	F8NE (SE)	0	1	488548 390256
	Radon Potential - R	adon Affected Areas				
	Affected Area:	The property is in a Lower probability radon area (less than 1% of homes are estimated to be at or above the Action Level).	F8NE (SE)	0	1	488548 390256
	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	F8NE (SE)	0	1	488548 390256



### **Sensitive Land Use**

Map ID		Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
1	Nitrate Vulnerab Name: Description: Source:	le Zones  River Eau From Kirton Lindsey Trib To R Trent Nvz Surface Water Environment Agency, Head Office	(NE)	0	2	488852 390524
2	Nitrate Vulnerab Name: Description: Source:	le Zones  Lower Witham Nvz Surface Water Environment Agency, Head Office	F8NE (SE)	0	2	488548 390256

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Agency & Hydrological	Version	Update Cycle
Contaminated Land Register Entries and Notices		
Environment Agency - Head Office	June 2020	Annually
West Lindsey District Council - Environmental Health Department	September 2017	Annual Rolling Update
Discharge Consents		
Environment Agency - Anglian Region	April 2022	Quarterly
Environment Agency - Midlands Region	April 2022	Quarterly
Enforcement and Prohibition Notices Environment Agency - Anglian Region	March 2013	
Integrated Pollution Controls		
Environment Agency - Anglian Region	January 2009	
	Sandary 2005	
Integrated Pollution Prevention And Control	April 2022	Ou ortorly
Environment Agency - Anglian Region	April 2022	Quarterly
Local Authority Integrated Pollution Prevention And Control	N	
West Lindsey District Council - Environmental Health Department	November 2014	Variable
Local Authority Pollution Prevention and Controls		
West Lindsey District Council - Environmental Health Department	November 2014	Annual Rolling Update
Local Authority Pollution Prevention and Control Enforcements		
West Lindsey District Council - Environmental Health Department	November 2014	Variable
Nearest Surface Water Feature		
Ordnance Survey	May 2022	
Pollution Incidents to Controlled Waters		
Environment Agency - Midlands Region	December 1999	
Environment Agency - Anglian Region	September 1999	
Prosecutions Relating to Authorised Processes		
Environment Agency - Anglian Region	July 2015	
Prosecutions Relating to Controlled Waters		
Environment Agency - Anglian Region	March 2013	
Registered Radioactive Substances		
Environment Agency - Anglian Region	June 2016	As notified
River Quality		
Environment Agency - Head Office	November 2001	Not Applicable
River Quality Biology Sampling Points		
Environment Agency - Head Office	April 2012	
River Quality Chemistry Sampling Points		
Environment Agency - Head Office	April 2012	
Substantiated Pollution Incident Register		
Environment Agency - Anglian Region - Northern Area	April 2022	Quarterly
Water Abstractions	7,011 2022	Quarterly
Environment Agency - Anglian Region	April 2022	Quarterly
Environment Agency - Midlands Region	April 2022	Quarterly
	7.p.:: 2522	
Water Industry Act Referrals Environment Agency - Anglian Region	October 2017	
	October 2017	
Groundwater Vulnerability Map	luna 2049	No potition
Environment Agency - Head Office	June 2018	As notified
Bedrock Aquifer Designations Environment Agency - Head Office	January 2018	Annually
Superficial Aquifer Designations		1
Environment Agency - Head Office	January 2018	Annually
Source Protection Zones		
Environment Agency - Head Office	May 2021	Bi-Annually

Order Number: 297990273\_1\_1 Date: 06-Jul-2022 rpr\_ec\_datasheet v53.0 A Landmark Information Group Service



Agency & Hydrological	Version	Update Cycle
Extreme Flooding from Rivers or Sea without Defences		
Environment Agency - Head Office	May 2022	Quarterly
Flooding from Rivers or Sea without Defences		
Environment Agency - Head Office	May 2022	Quarterly
Areas Benefiting from Flood Defences		
Environment Agency - Head Office	May 2022	Quarterly
Flood Water Storage Areas		
Environment Agency - Head Office	May 2022	Quarterly
Flood Defences		
Environment Agency - Head Office	May 2022	Quarterly
OS Water Network Lines		
Ordnance Survey	April 2022	Quarterly
BGS Groundwater Flooding Susceptibility		
British Geological Survey - National Geoscience Information Service	May 2013	As notified
Waste	Version	Update Cycle
BGS Recorded Landfill Sites		
British Geological Survey - National Geoscience Information Service	November 2002	As notified
Historical Landfill Sites		
Environment Agency - Head Office	April 2022	Quarterly
Integrated Pollution Control Registered Waste Sites		
Environment Agency - Anglian Region	January 2009	Not Applicable
Licensed Waste Management Facilities (Landfill Boundaries)		
Environment Agency - Anglian Region - Northern Area	April 2022	Quarterly
Licensed Waste Management Facilities (Locations)		
Environment Agency - Anglian Region - Northern Area	April 2022	Quarterly
Local Authority Landfill Coverage		
Lincolnshire County Council	February 2003	Not Applicable
West Lindsey District Council - Environmental Health Department	February 2003	Not Applicable
Local Authority Recorded Landfill Sites		
Lincolnshire County Council	October 2018	
West Lindsey District Council - Environmental Health Department	October 2018	
Registered Landfill Sites		
Environment Agency - Anglian Region - Northern Area	March 2006	Not Applicable
Registered Waste Transfer Sites		
Environment Agency - Anglian Region - Northern Area	April 2018	
Registered Waste Treatment or Disposal Sites		
Environment Agency - Anglian Region - Northern Area	June 2015	

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Hazardous Substances	Version	Update Cycle
Control of Major Accident Hazards Sites (COMAH)		
Health and Safety Executive	January 2022	Bi-Annually
Explosive Sites		
Health and Safety Executive	March 2017	Annually
Notification of Installations Handling Hazardous Substances (NIHHS) Health and Safety Executive	August 2001	
Planning Hazardous Substance Enforcements		
Lincolnshire County Council - Highways and Planning Department	August 2010	Variable
Nest Lindsey District Council	February 2016	Variable
Planning Hazardous Substance Consents		
incolnshire County Council - Highways and Planning Department	August 2007	Variable
Vest Lindsey District Council	February 2016	Variable
Geological	Version	Update Cycle
3GS 1:625,000 Solid Geology		
British Geological Survey - National Geoscience Information Service	January 2009	As notified
BGS Recorded Mineral Sites		
British Geological Survey - National Geoscience Information Service	May 2022	Bi-Annually
CBSCB Compensation District		
Cheshire Brine Subsidence Compensation Board (CBSCB)	August 2011	
Cheshire Brine Subsidence Compensation Board (CBSCB)	November 2020	As notified
Coal Mining Affected Areas		
The Coal Authority - Property Searches	March 2014	Annual Rolling Updat
Mining Instability		
Ove Arup & Partners	June 1998	Not Applicable
Non Coal Mining Areas of Great Britain		
British Geological Survey - National Geoscience Information Service	May 2015	Not Applicable
Potential for Collapsible Ground Stability Hazards		
British Geological Survey - National Geoscience Information Service	April 2020	As notified
Potential for Compressible Ground Stability Hazards		
British Geological Survey - National Geoscience Information Service	January 2019	As notified
Potential for Ground Dissolution Stability Hazards British Geological Survey - National Geoscience Information Service	January 0040	A o
3 ,	January 2019	As notified
Potential for Landslide Ground Stability Hazards	January 2010	An notified
British Geological Survey - National Geoscience Information Service	January 2019	As notified
Potential for Running Sand Ground Stability Hazards	January 2040	A o
British Geological Survey - National Geoscience Information Service	January 2019	As notified
Potential for Shrinking or Swelling Clay Ground Stability Hazards	January 2010	An notified
British Geological Survey - National Geoscience Information Service	January 2019	As notified
Radon Potential - Radon Affected Areas	L.L. 0044	A
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

Order Number: 297990273\_1\_1 Date: 06-Jul-2022 rpr\_ec\_datasheet v53.0 A Landmark Information Group Service



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Industrial Land Use	Version	Update Cycle
Contemporary Trade Directory Entries Thomson Directories	April 2022	Quarterly
Fuel Station Entries Catalist Ltd - Experian	June 2022	Quarterly
Gas Pipelines National Grid	October 2021	Bi-Annually
Underground Electrical Cables National Grid	May 2021	Bi-Annually
Sensitive Land Use	Version	Update Cycle
Ancient Woodland Natural England	February 2021	Bi-Annually
Areas of Adopted Green Belt West Lindsey District Council	October 2020	Quarterly
Areas of Unadopted Green Belt West Lindsey District Council	October 2020	Quarterly
Areas of Outstanding Natural Beauty Natural England	January 2021	Bi-Annually
Environmentally Sensitive Areas Natural England	January 2017	
Forest Parks Forestry Commission	April 1997	Not Applicable
Local Nature Reserves Natural England	February 2021	Bi-Annually
Marine Nature Reserves Natural England	July 2019	Bi-Annually
National Nature Reserves Natural England	January 2021	Bi-Annually
National Parks Natural England	February 2018	Bi-Annually
Nitrate Sensitive Areas Natural England	April 2016	Not Applicable
Nitrate Vulnerable Zones Department for Environment, Food and Rural Affairs (DEFRA - formerly FRCA) Environment Agency - Head Office	April 2016 June 2017	Bi-Annually
Ramsar Sites Natural England	August 2020	Bi-Annually
Sites of Special Scientific Interest Natural England	February 2021	Bi-Annually
Special Areas of Conservation Natural England	July 2020	Bi-Annually
Special Protection Areas Natural England	February 2021	Bi-Annually

Order Number: 297990273\_1\_1 Date: 06-Jul-2022 rpr\_ec\_datasheet v53.0 A Landmark Information Group Service



### **Data Suppliers**

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A selection of organisations who provide data within this report

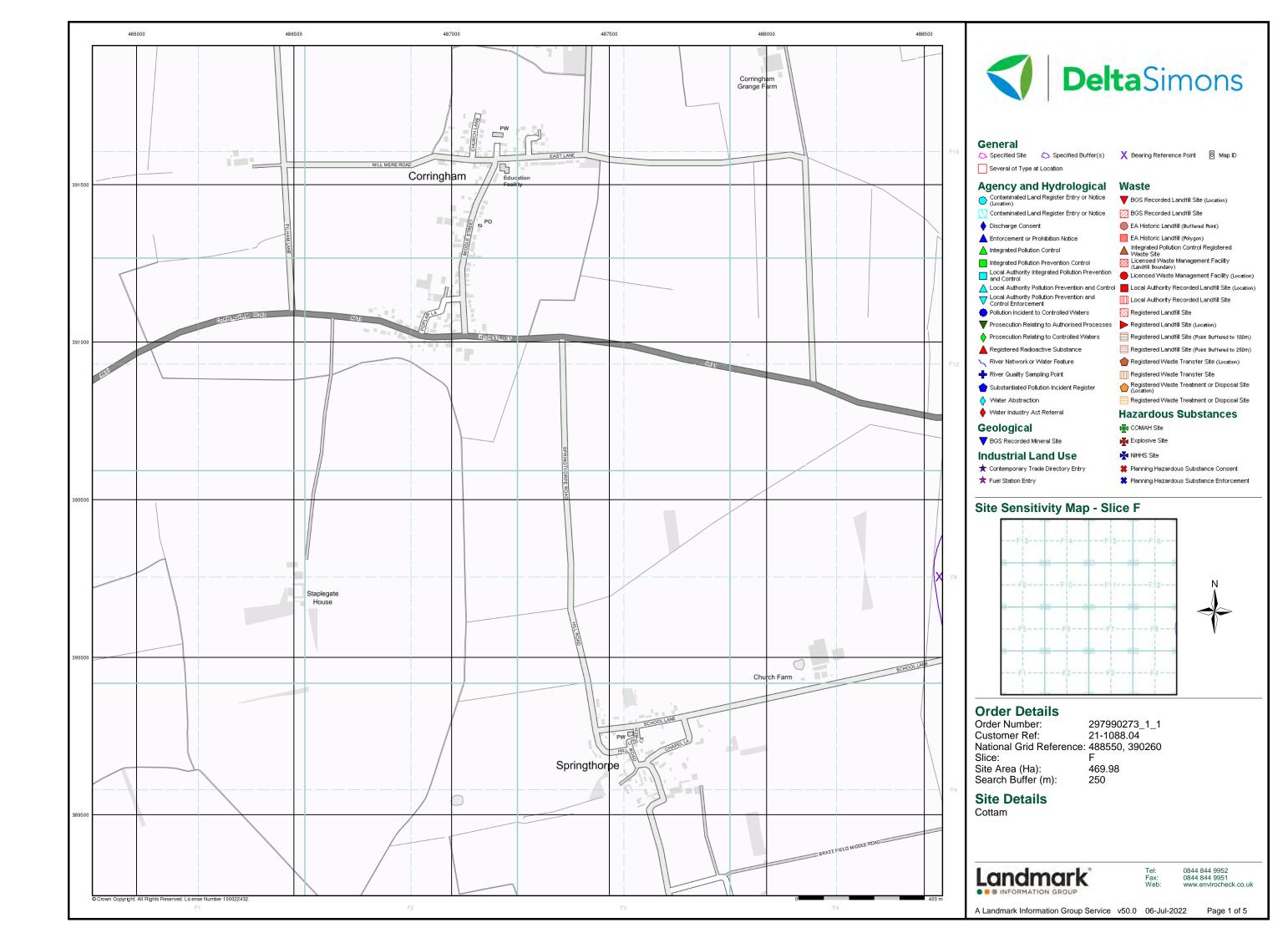
Data Supplier	Data Supplier Logo
Ordnance Survey	Mop data
Environment Agency	Environment
Scottish Environment Protection Agency	SEPA
The Coal Authority	The Coal Authority
British Geological Survey	British Geological Survey NATURAL ENVIRONMENT RESEARCH COUNCIL
Centre for Ecology and Hydrology	Centre for Ecology & Hydrology NATURAL ENVIRONMENT RESEARCH COUNCIL
Natural Resources Wales	Cyfoeth Naturiol Cyfrou Natural Resources Wales
Scottish Natural Heritage	SCOTTISH NATURAL HERITAGE 谜살기
Natural England	NATURAL ENGLAND
Public Health England	Public Health England
Ove Arup	ARUP
Stantec UK Ltd	<b>Stantec</b>

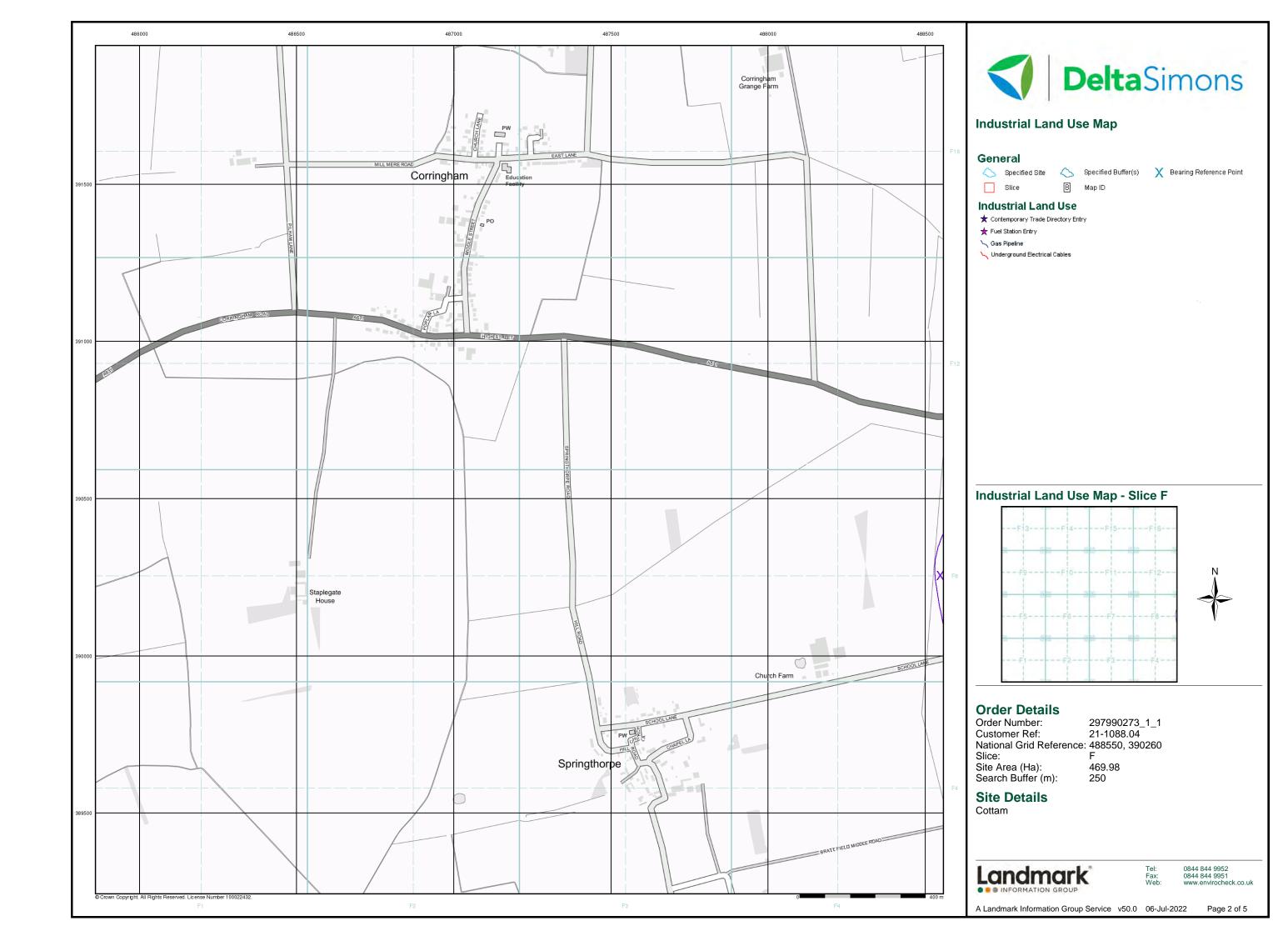


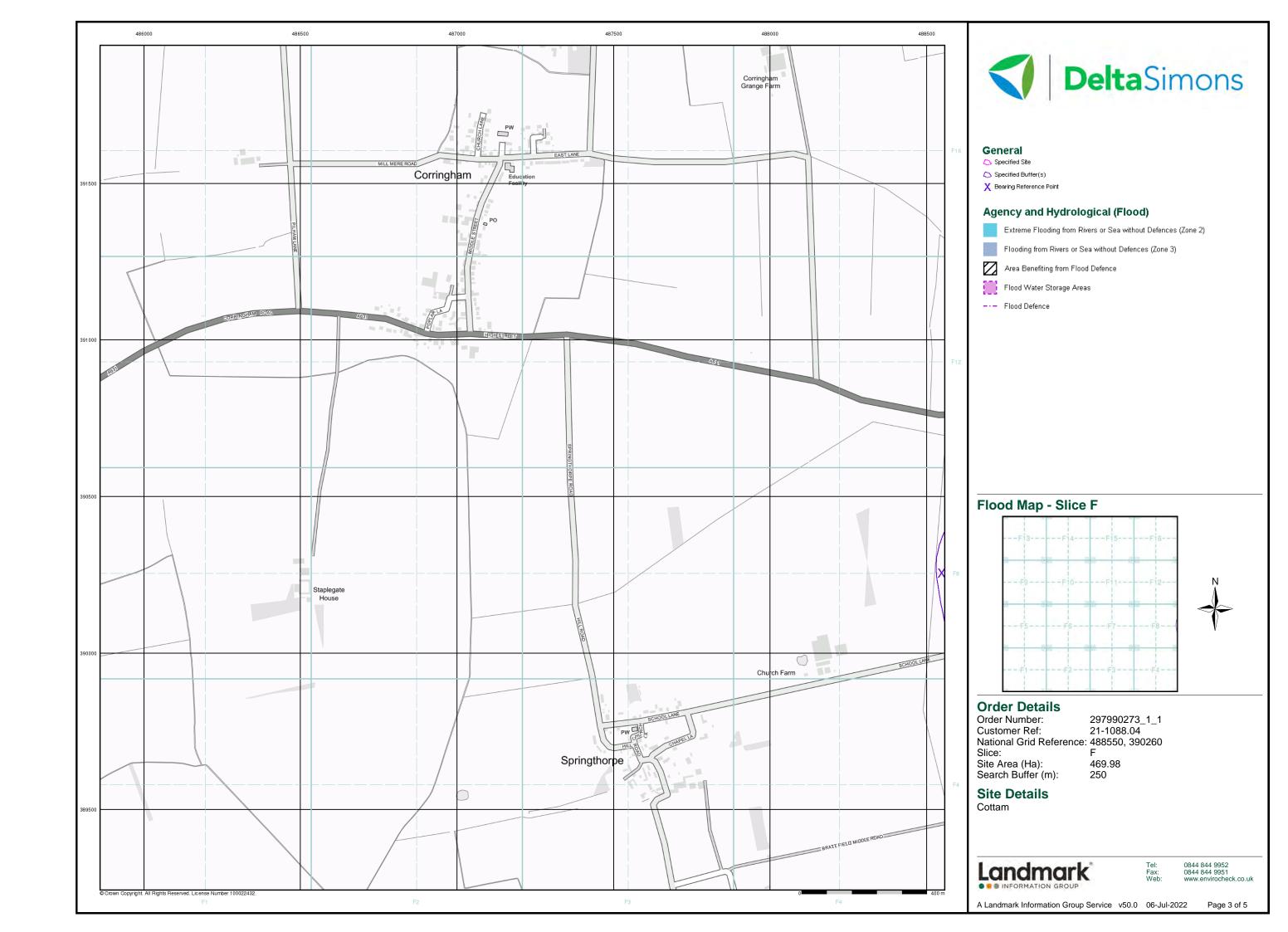
### **Useful Contacts**

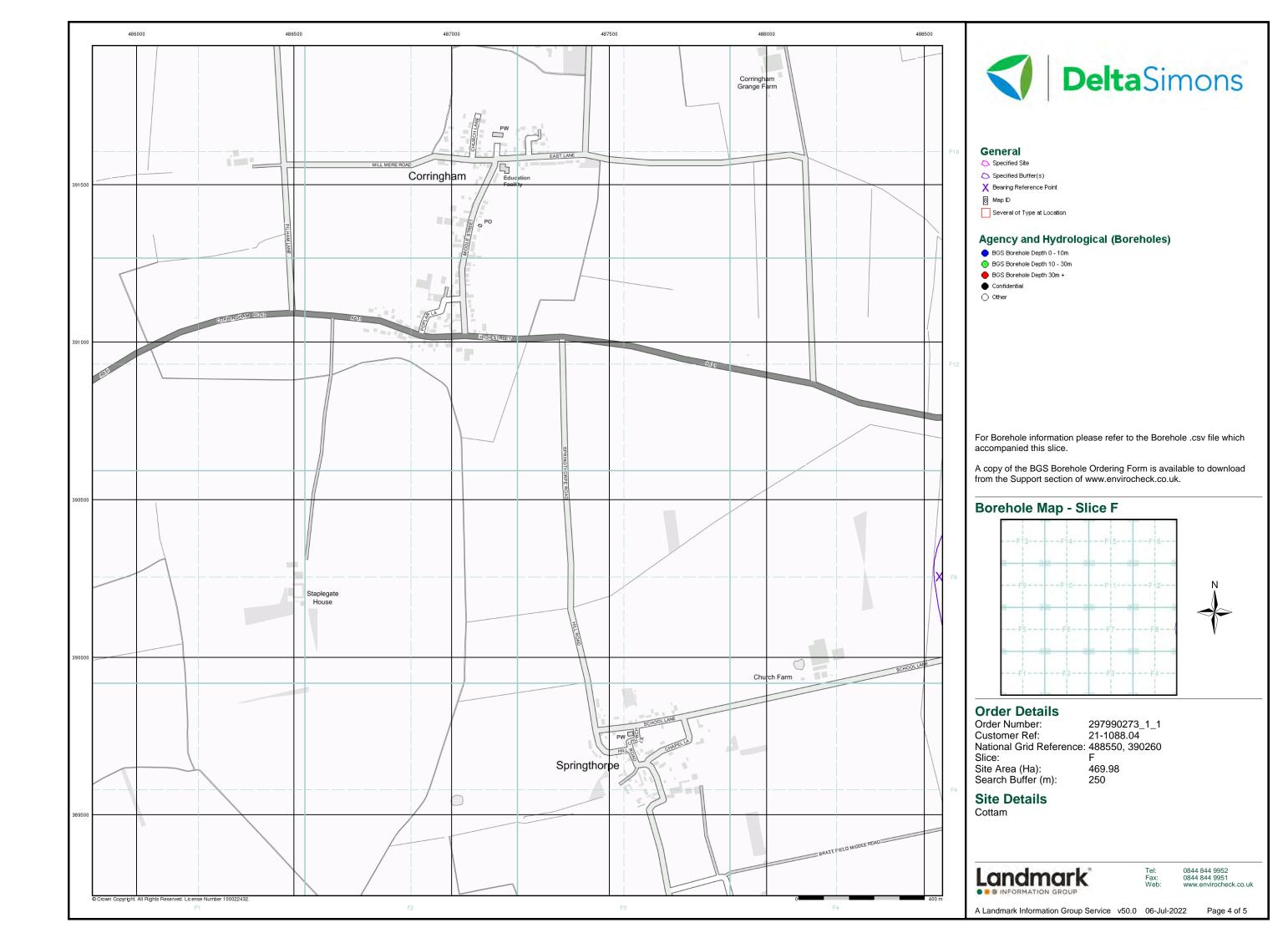
Contact	Name and Address	Contact Details
1	British Geological Survey - Enquiry Service  British Geological Survey, Environmental Science Centre, Keyworth, Nottingham, Nottinghamshire, NG12 5GG	Telephone: 0115 936 3143 Fax: 0115 936 3276 Email: enquiries@bgs.ac.uk Website: www.bgs.ac.uk
2	Environment Agency - Head Office Rio House, Waterside Drive, Aztec West, Almondsbury, Bristol, Avon, BS32 4UD	Telephone: 01454 624400 Fax: 01454 624409
3	West Lindsey District Council - Environmental Health Department  The Guildhall, Caskgate Street, Gainsborough, Lincolnshire, DN21 2DH	Telephone: 01427 676676 Fax: 01427 810623 Website: www.west-lindsey.gov.uk
4	Lincolnshire County Council 4th Floor, City Hall, Lincoln, Lincolnshire, LN1 1DN	Telephone: 01522 552222 Fax: 01522 552288 Email: PublicRelations@lincolnshire.gov.uk Website: www.lincolnshire.gov.uk
5	Natural England County Hall, Spetchley Road, Worcester, WR5 2NP	Telephone: 0300 060 3900 Email: enquiries@naturalengland.org.uk Website: www.naturalengland.org.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

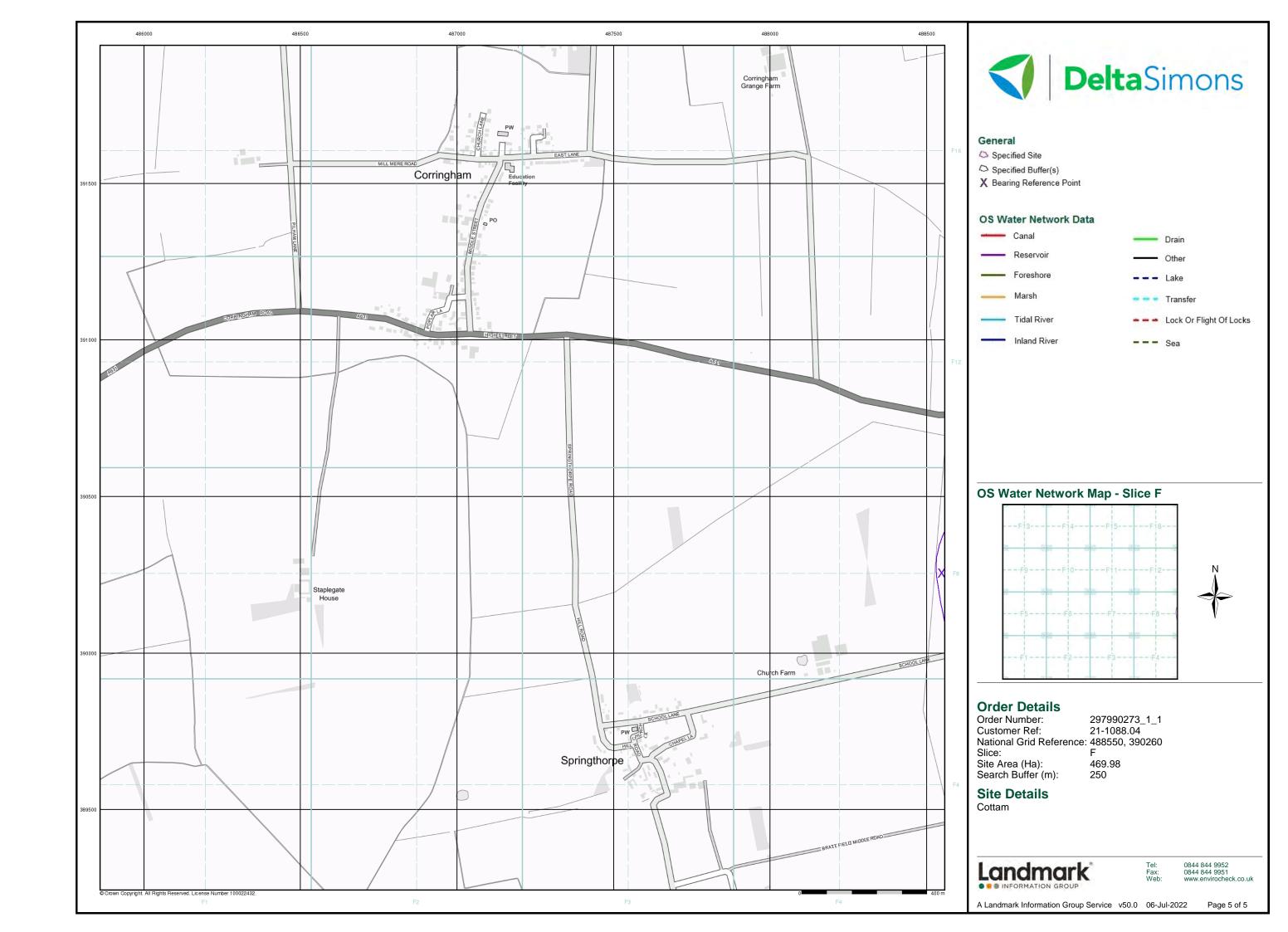
 $Please\ note\ that\ the\ Environment\ Agency\ /\ Natural\ Resources\ Wales\ /\ SEPA\ have\ a\ charging\ policy\ in\ place\ for\ enquiries.$ 

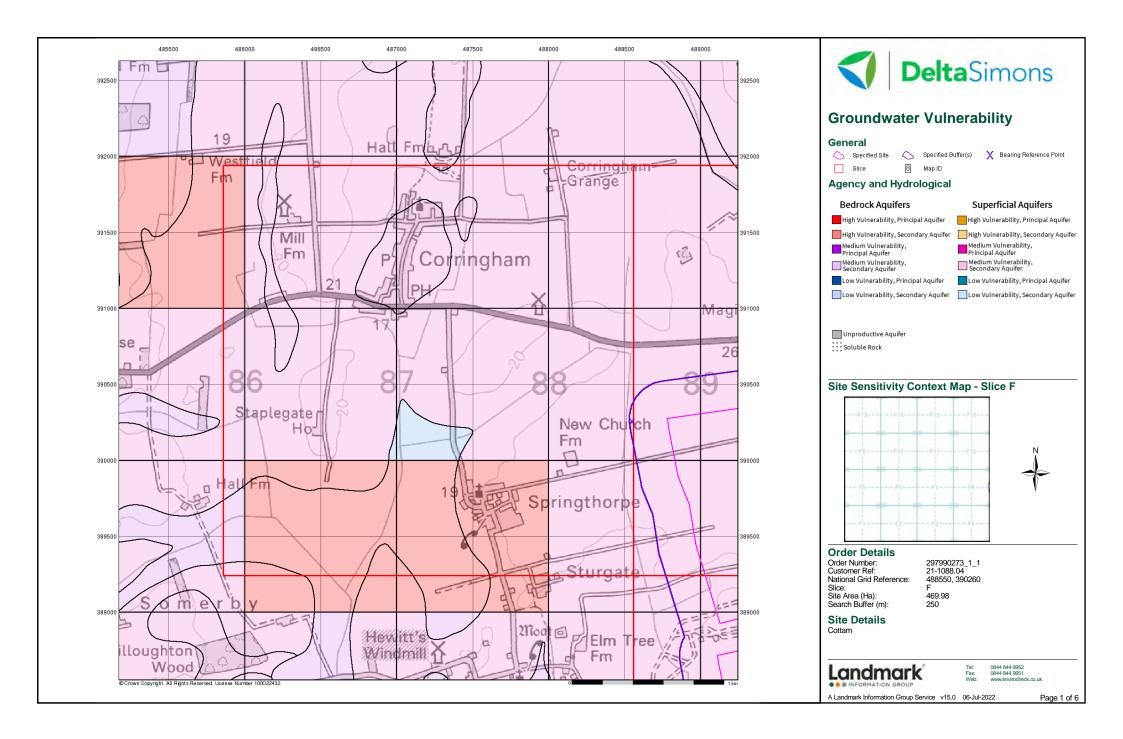


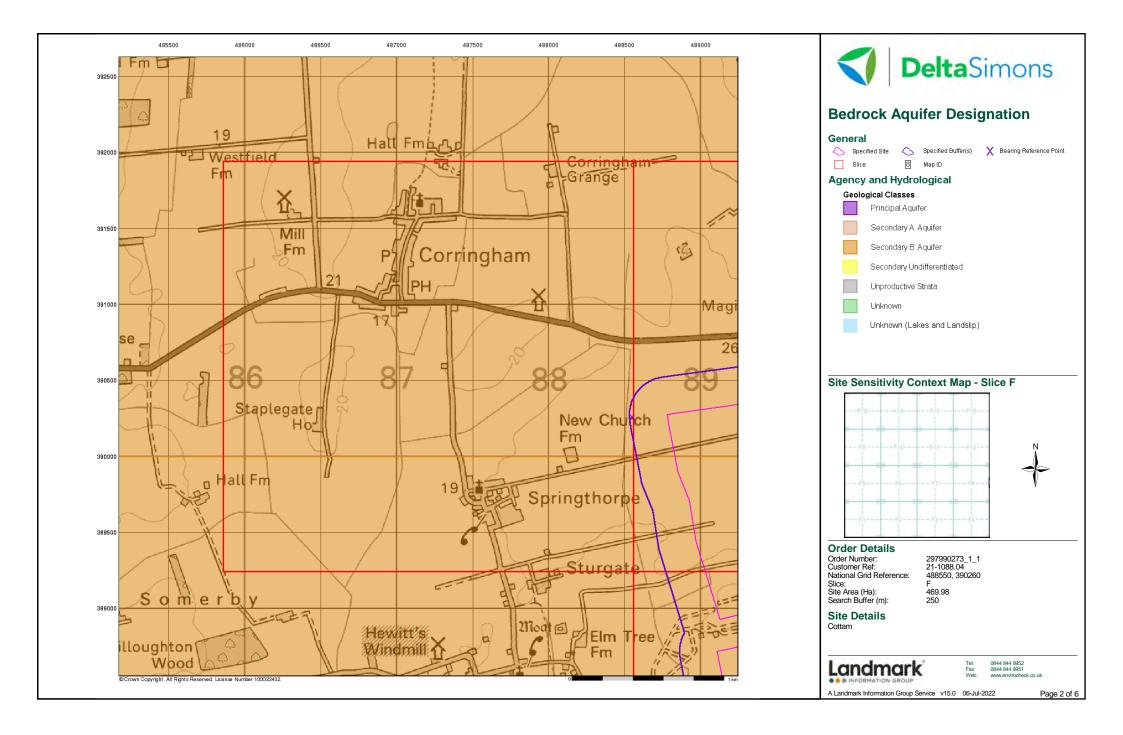


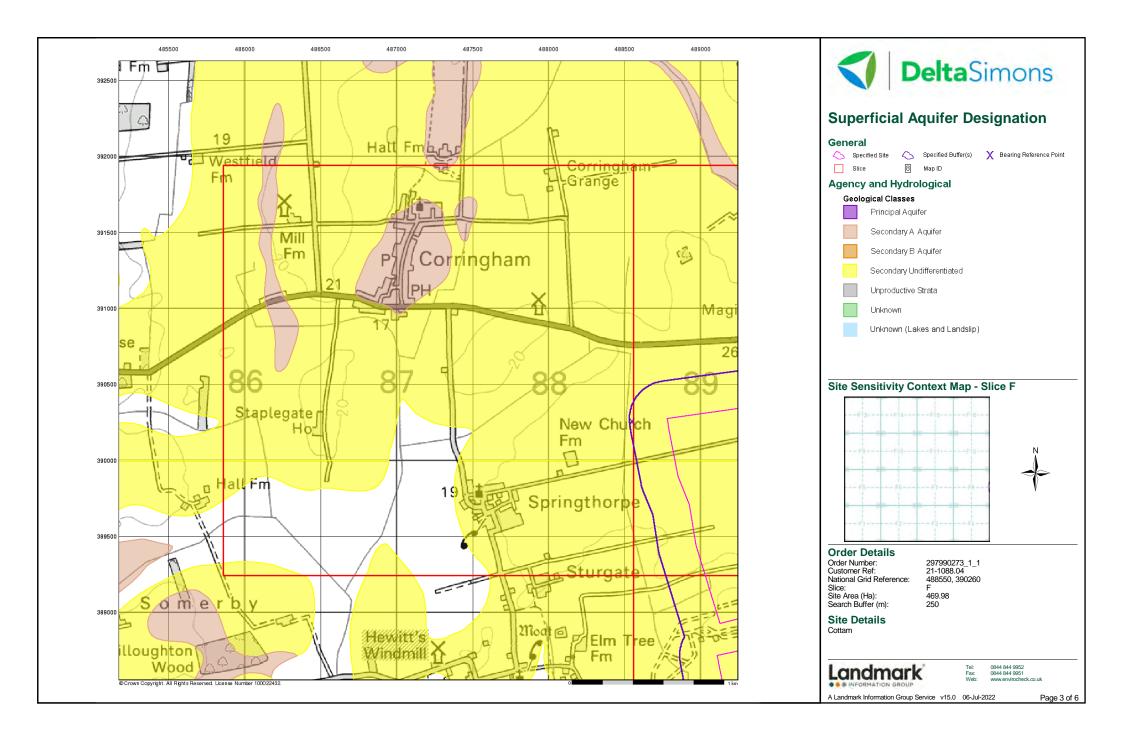


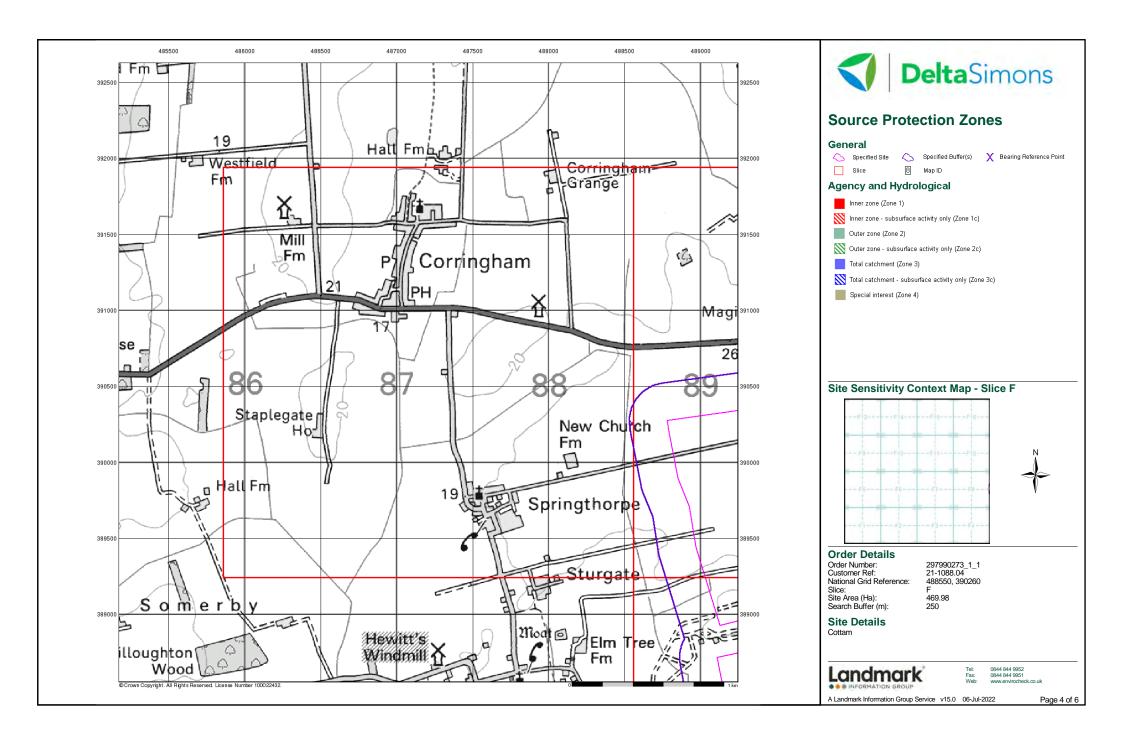


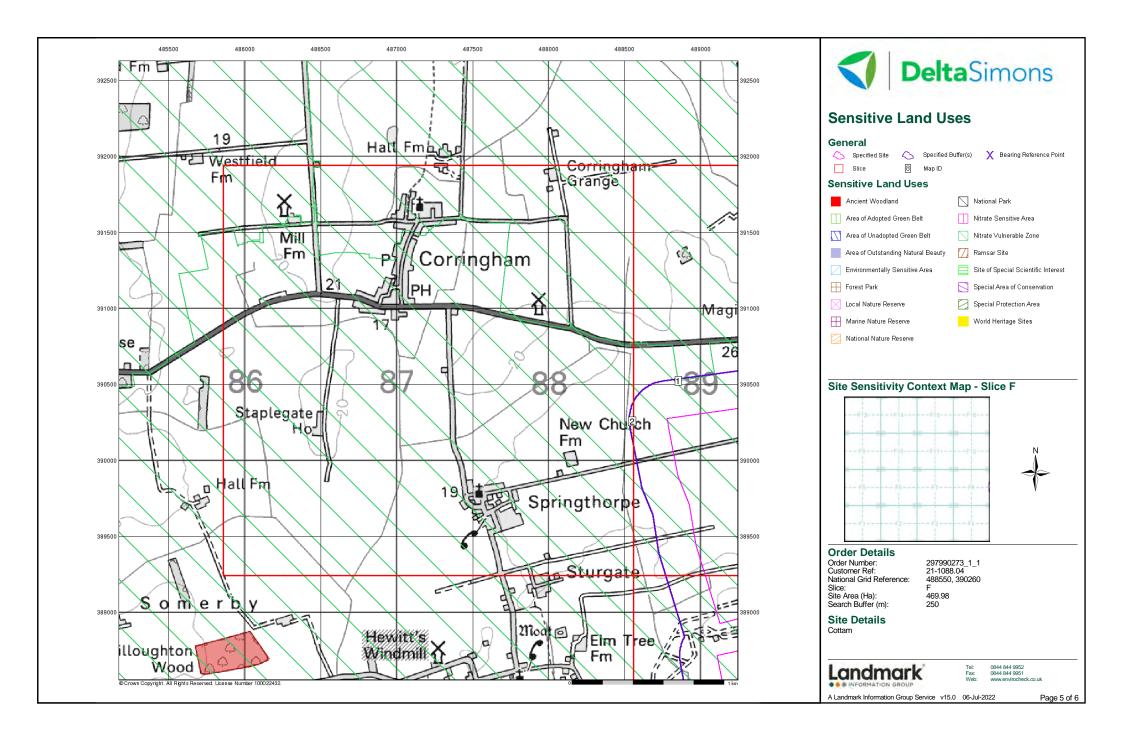


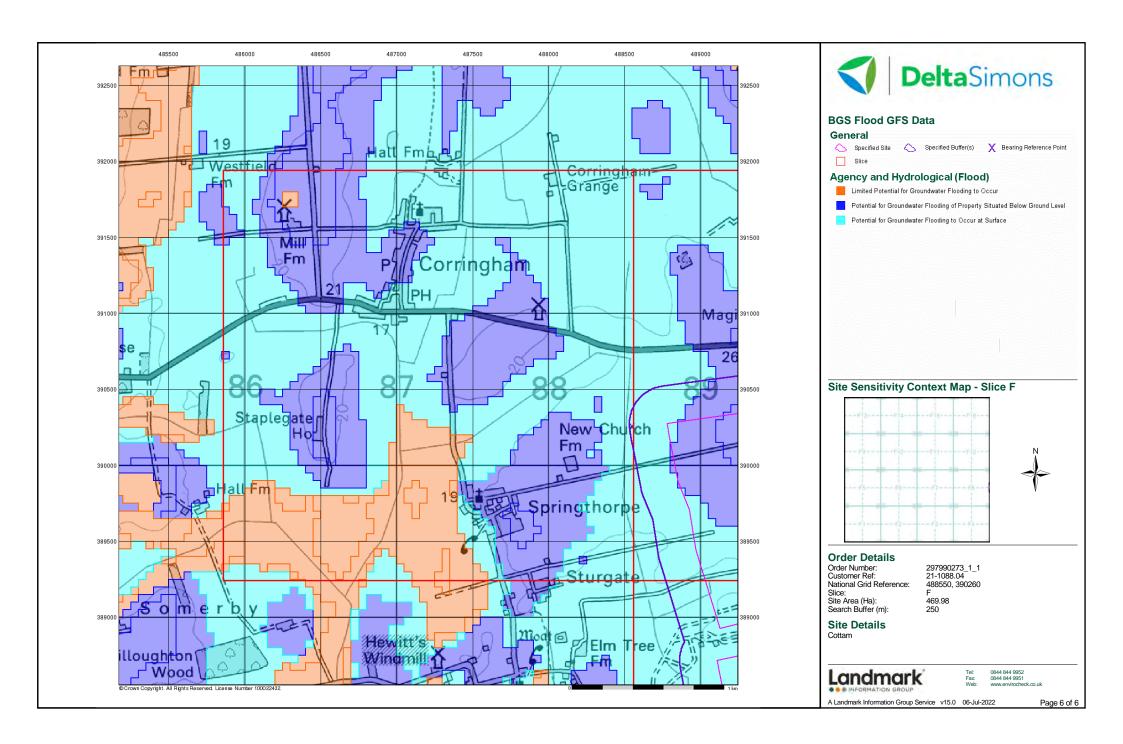














# **Envirocheck® Report:**

### **Datasheet**

### **Order Details:**

**Order Number:** 

297990273\_1\_1

**Customer Reference:** 

21-1088.04

**National Grid Reference:** 

489210, 389890

Slice:

G

Site Area (Ha):

469.98

Search Buffer (m):

250

### **Site Details:**

Cottam

### **Client Details:**

Ms M Booth Delta Simons Suite 4A One Portland Street Manchester M1 3BE







Report Section	Page Number
Summary	-
Agency & Hydrological	1
Waste	6
Hazardous Substances	-
Geological	7
Industrial Land Use	-
Sensitive Land Use	9
Data Currency	10
Data Suppliers	14
Useful Contacts	15

#### 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 (*up to 500m)
Agency & Hydrological			
BGS Groundwater Flooding Susceptibility	pg 1	Yes	Yes
Contaminated Land Register Entries and Notices			
Discharge Consents	pg 1	1	
Prosecutions Relating to Controlled Waters			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 1	Yes	
Pollution Incidents to Controlled Waters			
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			
Water Industry Act Referrals			
Groundwater Vulnerability Map	pg 1	Yes	n/a
Groundwater Vulnerability - Soluble Rock Risk			n/a
Bedrock Aquifer Designations	pg 3	Yes	n/a
Superficial Aquifer Designations	pg 3	Yes	n/a
Source Protection Zones			
Extreme Flooding from Rivers or Sea without Defences			
Flooding from Rivers or Sea without Defences			
Areas Benefiting from Flood Defences			
Flood Water Storage Areas			
Flood Defences			
OS Water Network Lines	pg 4	9	2





Data Type	Page Number	On Site	0 to 250m (*up to 500m)
Waste			
BGS Recorded Landfill Sites			
Historical Landfill Sites			
Integrated Pollution Control Registered Waste Sites			
Licensed Waste Management Facilities (Landfill Boundaries)			
Licensed Waste Management Facilities (Locations)			
Local Authority Landfill Coverage	pg 6	2	n/a
Local Authority Recorded Landfill Sites			
Registered Landfill Sites			
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 7	Yes	n/a
BGS Recorded Mineral Sites			
CBSCB Compensation District			n/a
Coal Mining Affected Areas			n/a
Mining Instability			n/a
Man-Made Mining Cavities			
Natural Cavities			
Non Coal Mining Areas of Great Britain			
Potential for Collapsible Ground Stability Hazards	pg 7	Yes	
Potential for Compressible Ground Stability Hazards			
Potential for Ground Dissolution Stability Hazards			
Potential for Landslide Ground Stability Hazards	pg 7	Yes	
Potential for Running Sand Ground Stability Hazards	pg 7	Yes	
Potential for Shrinking or Swelling Clay Ground Stability Hazards	pg 7	Yes	
Radon Potential - Radon Affected Areas			n/a
Radon Potential - Radon Protection Measures			n/a



## **Summary**

Data Type	Page Number	On Site	0 to 250m (*up to 500m)
Industrial Land Use			
Contemporary Trade Directory Entries			
Fuel Station Entries			
Gas Pipelines			
Underground Electrical Cables			
Sensitive Land Use			
Ancient Woodland			
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 9	2	
Ramsar Sites			
Sites of Special Scientific Interest			
Special Areas of Conservation			
Special Protection Areas			
World Heritage Sites			



Order Number: 297990273\_1\_1

# **Agency & Hydrological**

Map ID		Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	<b>BGS Groundwater I</b> Flooding Type:	Flooding Susceptibility  Potential for Groundwater Flooding of Property Situated Below Ground Level	G3NW (E)	0	1	490000 389893
	<b>BGS Groundwater I</b> Flooding Type:	Flooding Susceptibility  Potential for Groundwater Flooding of Property Situated Below Ground Level	G5SE (N)	0	1	489208 390000
	BGS Groundwater I Flooding Type:	Flooding Susceptibility Potential for Groundwater Flooding of Property Situated Below Ground Level	G6SW (NE)	0	1	489250 389950
	BGS Groundwater I Flooding Type:	Flooding Susceptibility Potential for Groundwater Flooding of Property Situated Below Ground Level	G5SE (N)	0	1	489200 390000
	BGS Groundwater I Flooding Type:	Flooding Susceptibility Potential for Groundwater Flooding of Property Situated Below Ground Level	G1NE	0	1	489208
	BGS Groundwater I	Flooding Susceptibility  Potential for Groundwater Flooding of Property Situated Below Ground Level	(S)	0	1	389893 489700
	BGS Groundwater I	Flooding Susceptibility				389000
	Flooding Type:	Limited Potential for Groundwater Flooding to Occur	G6SW (NE)	0	1	489450 390000
	BGS Groundwater I Flooding Type:	Flooding Susceptibility Limited Potential for Groundwater Flooding to Occur	G6SW (E)	0	1	489450 389950
	BGS Groundwater I Flooding Type:	Flooding Susceptibility Potential for Groundwater Flooding to Occur at Surface	G1NE (SW)	0	1	489050 389750
	BGS Groundwater I Flooding Type:	Flooding Susceptibility Potential for Groundwater Flooding to Occur at Surface	G3NE (E)	0	1	490300 389893
	BGS Groundwater I Flooding Type:	Flooding Susceptibility Potential for Groundwater Flooding to Occur at Surface	G5SW	0	1	488800
	BGS Groundwater I	Flooding Susceptibility  Potential for Groundwater Flooding of Property Situated Below Ground Level	(W)	69	1	390000 490100
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:	Miss N J Watson Not Given 6 Dwellings, Beckingham, Wharf, GAINSBOROUGH, Lincolnshire Environment Agency, Midlands Region Not Given 3/28/80/1649 /1 Not Supplied Not Supplied 3rd May 1971 Not Supplied Sewage Effluent Groundwater  Not Supplied Not Supplied Located by supplier to within 100m	G6SW (NE)	0	2	389050 489400 390100
	Nearest Surface Wa	tter Feature	G2SW (S)	0	-	489281 389316
	Groundwater Vulner Combined Classification: Combined Vulnerability: Combined Aquifer: Pollutant Speed: Bedrock Flow: Dilution: Baseflow Index: Superficial Patchiness: Superficial	rability Map Secondary Superficial Aquifer - Medium Vulnerability  Medium  Productive Bedrock Aquifer, Productive Superficial Aquifer Low Well Connected Fractures <300 mm/year 40-70% >90%  3-10m	G5SE (NW)	0	3	489000 390000
	Thickness: Superficial Recharge:	Low				

Page 1 of 15



# **Agency & Hydrological**

Map ID		Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	Groundwater Vulne	erability Map				
	Combined Classification:	Secondary Superficial Aquifer - Medium Vulnerability	G5SE (N)	0	3	489208 390000
	Combined Vulnerability:	Medium	(14)			000000
	Combined Aquifer: Pollutant Speed:	Productive Bedrock Aquifer, Productive Superficial Aquifer Low				
	Bedrock Flow:	Well Connected Fractures				
	Dilution: Baseflow Index:	<300 mm/year 40-70%				
	Superficial Patchiness:	>90%				
	Superficial Thickness:	3-10m				
	Superficial Recharge:	Low				
	Groundwater Vulne	erability Map				
	Combined	Secondary Superficial Aquifer - Medium Vulnerability	G1NE	0	3	489000
	Classification: Combined	Medium	(W)			389893
	Vulnerability: Combined Aquifer:	Productive Bedrock Aquifer, Productive Superficial Aquifer				
	Pollutant Speed: Bedrock Flow:	Low Well Connected Fractures				
	Dilution: Baseflow Index:	<300 mm/year 40-70%				
	Superficial	>90%				
	Patchiness: Superficial	3-10m				
	Thickness: Superficial	Low				
	Recharge:					
	Groundwater Vulne			_	_	
	Combined Classification:	Secondary Superficial Aquifer - Medium Vulnerability	G1NE (S)	0	3	489208 389893
	Combined Vulnerability:	Medium				
	Combined Aquifer: Pollutant Speed:	Productive Bedrock Aquifer, Productive Superficial Aquifer Low				
	Bedrock Flow:	Well Connected Fractures <300 mm/year				
	Baseflow Index:	40-70%				
	Superficial Patchiness:	>90%				
	Superficial Thickness:	3-10m				
	Superficial Recharge:	Low				
	Groundwater Vulne	erability Map				
	Combined Classification:	Secondary Superficial Aquifer - Medium Vulnerability	(SE)	0	3	489933 389000
	Combined	Medium				309000
	Vulnerability: Combined Aquifer:	Productive Bedrock Aquifer, Productive Superficial Aquifer				
	Pollutant Speed: Bedrock Flow:	Low Well Connected Fractures				
	Dilution: Baseflow Index:	<300 mm/year 40-70%				
	Superficial Patchiness:	>90%				
	Superficial	<3m				
	Thickness: Superficial	Low				
	Recharge:					



# **Agency & Hydrological**

Map ID		Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
Grou	Groundwater Vulnerability Map					
Comb Vulne Comb	sification: pined erability: pined Aquifer:	Secondary Superficial Aquifer - Medium Vulnerability  Medium  Productive Bedrock Aquifer, Productive Superficial Aquifer	(S)	0	3	489208 389000
Bedro Dilution Basel Super	flow Index:	Low Well Connected Fractures <300 mm/year 40-70% >90%				
Super Thick Super Rech	ness: rficial	<3m Low				
	ndwater Vulne	rability Map				
Comb	oined sification:	Secondary Superficial Aquifer - Medium Vulnerability	(SE)	0	3	490000 389000
Comb Pollut Bedro Dilutio	erability: pined Aquifer: tant Speed: pck Flow:	Medium  Productive Bedrock Aquifer, Productive Superficial Aquifer Low Poorly Connected Fractures <300 mm/year 40-70%				
Supe	rficial niness:	>90% >10m				
Thick Super Rech	rficial	Low				
<b>Grou</b> None		rability - Soluble Rock Risk				
	ock Aquifer De er Designation:	signations Secondary Aquifer - Undifferentiated	G6SE (E)	0	3	489856 389957
	ock Aquifer De er Designation:	signations Secondary Aquifer - Undifferentiated	G3NW (E)	0	3	490000 389893
Bedro	ock Aquifer De	signations				
Aquife	er Designation:	Secondary Aquifer - B	G1NE (S)	0	3	489208 389893
Bedro	ock Aquifer De	signations				
		Secondary Aquifer - B	G5SE (N)	0	3	489208 390000
-	erficial Aquifer er Designation:	Designations Secondary Aquifer - Undifferentiated	G5SE (N)	0	3	489208 390000
	erficial Aquifer er Designation:	<b>Designations</b> Secondary Aquifer - Undifferentiated	G1NE (S)	0	3	489208 389893
-	erficial Aquifer er Designation:	<b>Designations</b> Secondary Aquifer - Undifferentiated	G3NW (E)	0	3	490000 389893
Extre None	_	rom Rivers or Sea without Defences	(L)			309093
Floor None	_	rs or Sea without Defences				
Areas None	_	om Flood Defences				
Floor None	d Water Storag	e Areas				
Floor None	d Defences					



Order Number: 297990273\_1\_1

# **Agency & Hydrological**

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Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
2	OS Water Network Lines  Watercourse Form: Inland river Watercourse Length: 4.5 Watercourse Level: Underground Permanent: True Watercourse Name: Not Supplied Catchment Name: Witham Primacy: 1	G1SE (S)	0	4	489151 389280
	OS Water Network Lines				
3	Watercourse Form: Inland river Watercourse Length: 4.5 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Witham Primacy: 1	G1SE (S)	0	4	489156 389281
	OS Water Network Lines		_	_	
4	Watercourse Form: Inland river Watercourse Length: 608.8 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Witham Primacy: 1	G2SW (SE)	0	4	489563 389553
	OS Water Network Lines				
5	Watercourse Form: Inland river Watercourse Length: 10.8 Watercourse Level: Underground Permanent: True Watercourse Name: Not Supplied Catchment Name: Witham Primacy: 1	G1SE (S)	0	4	489152 389291
	OS Water Network Lines				
6	Watercourse Form: Inland river Watercourse Length: 2.7 Watercourse Level: Underground Permanent: True Watercourse Name: Not Supplied Catchment Name: Witham Primacy: 1	G1SE (S)	0	4	489156 389281
	OS Water Network Lines				
7	Watercourse Form: Inland river Watercourse Length: 5.5 Watercourse Level: Underground Permanent: True Watercourse Name: Not Supplied Catchment Name: Witham Primacy: 1	G1SE (S)	0	4	489162 389282
	OS Water Network Lines				
8	Watercourse Form: Inland river Watercourse Length: 78.3 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Witham Primacy: 1	G1SE (S)	0	4	489157 389279
	OS Water Network Lines				
9	Watercourse Form: Inland river Watercourse Length: 375.1 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Witham Primacy: 1	G2SW (S)	0	4	489353 389328
	OS Water Network Lines				
10	Watercourse Form: Inland river Watercourse Length: 92.9 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Witham Primacy: 1	G1SE (S)	0	4	489147 389279



# **Agency & Hydrological**

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Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
11	OS Water Network Lines  Watercourse Form: Inland river Watercourse Length: 6.8 Watercourse Level: Underground Permanent: True Watercourse Name: Not Supplied Catchment Name: Witham Primacy: 1	G2SW (SE)	9	4	489565 389554
12	OS Water Network Lines  Watercourse Form: Inland river Watercourse Length: 482.3  Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Witham Primacy: 1	G2SE (SE)	16	4	489572 389556

Order Number: 297990273\_1\_1 Date: 06-Jul-2022 rpr\_ec\_datasheet v53.0 A Landmark Information Group Service





Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	Local Authority Landfill Coverage				
	Name: West Lindsey District Council - Has no landfill data to supply		0	5	489208 389893
	Local Authority Landfill Coverage				
	Name: Lincolnshire County Council - Had landfill data but passed it to the relevant environment agency		0	6	489208 389893

Order Number: 297990273\_1\_1 Date: 06-Jul-2022 rpr\_ec\_datasheet v53.0 A Landmark Information Group Service Page 6 of 15





lap ID		Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	BGS 1:625,000 Solid Geology					
	Description: Lias Group		G1NE (S)	0	1	489208 389893
	Coal Mining Affected Areas					
	In an area that might not be affected I	by coal mining				
	Non Coal Mining Areas of Great Bri	tain				
	No Hazard					
	Potential for Collapsible Ground St Hazard Potential: Very Low	ability Hazards	G5SE	0	1	489208
		al Survey, National Geoscience Information Service	(N)	0		390000
	Potential for Collapsible Ground St	ability Hazards				
	Hazard Potential: Very Low	al Curvey National Cassaignes Information Comics	G1NE	0	1	489208
		al Survey, National Geoscience Information Service	(S)			389893
	Potential for Collapsible Ground St Hazard Potential: Very Low Source: British Geologic	ability Hazards  al Survey, National Geoscience Information Service	G3NW (E)	0	1	490000 389893
	Potential for Compressible Ground	•	(L)			309093
	Hazard Potential: No Hazard	al Survey, National Geoscience Information Service	G5SE (N)	0	1	489208 390000
	Potential for Compressible Ground		, ,			
	Hazard Potential: No Hazard	al Survey, National Geoscience Information Service	G1NE (S)	0	1	489208 389893
	Potential for Compressible Ground	Stability Hazards				
	Hazard Potential: No Hazard Source: British Geologic	al Survey, National Geoscience Information Service	G3NW (E)	0	1	490000 389893
	Potential for Ground Dissolution St	ability Hazards				
	Hazard Potential: No Hazard Source: British Geologic	al Survey, National Geoscience Information Service	G1NE (S)	0	1	489208 389893
	Potential for Ground Dissolution St	ability Hazards				
	Hazard Potential: No Hazard Source: British Geologic	al Survey, National Geoscience Information Service	G3NW (E)	0	1	490000 389893
	Potential for Ground Dissolution St	ability Hazards				
	Hazard Potential: No Hazard Source: British Geologic	al Survey, National Geoscience Information Service	G5SE (N)	0	1	489208 390000
	Potential for Landslide Ground Sta	pility Hazards				
	Hazard Potential: Very Low Source: British Geologic	al Survey, National Geoscience Information Service	G1NE (S)	0	1	489208 389893
	Potential for Landslide Ground Sta		(-)			
	Hazard Potential: Very Low	•	G5SE	0	1	489208
		al Survey, National Geoscience Information Service	(N)			390000
	Potential for Landslide Ground Sta	pility Hazards	C25114/		4	40000
	Hazard Potential: Very Low Source: British Geologic	al Survey, National Geoscience Information Service	G3NW (E)	0	1	490000 389893
	Potential for Running Sand Ground	Stability Hazards				
	Hazard Potential: Very Low	ol Sunov National Casasianas Information Continu	G1NE	0	1	48920
		al Survey, National Geoscience Information Service	(S)			389893
	Potential for Running Sand Ground Hazard Potential: Very Low	Stability mazards	G3NW	0	1	49000
		al Survey, National Geoscience Information Service	(E)			389893
	Potential for Running Sand Ground	Stability Hazards				
	Hazard Potential: Very Low Source: British Geologic	al Survey, National Geoscience Information Service	G5SE (N)	0	1	489208 390000
	Potential for Shrinking or Swelling Hazard Potential: Low	Clay Ground Stability Hazards	G5SE	0	1	489208
	Source: British Geologic	al Survey, National Geoscience Information Service	(N)			390000
	Potential for Shrinking or Swelling Hazard Potential: Low		G1NE	0	1	489208
		al Survey, National Geoscience Information Service	(S)			389893
	Potential for Shrinking or Swelling Hazard Potential: Low	Clay Ground Stability Hazards	G3NW	0	1	490000



## **Geological**

Map ID		Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
		adon Affected Areas		_		
	Affected Area: Source:	The property is in a Lower probability radon area (less than 1% of homes are estimated to be at or above the Action Level).  British Geological Survey, National Geoscience Information Service	G5SE (N)	0	1	489208 390001
	Radon Potential - R	adon Affected Areas				
	Affected Area: Source:	The property is in a Lower probability radon area (less than 1% of homes are estimated to be at or above the Action Level).  British Geological Survey, National Geoscience Information Service	G1NE (S)	0	1	489208 389893
	Radon Potential - Radon Affected Areas					
	Affected Area: Source:	The property is in a Lower probability radon area (less than 1% of homes are estimated to be at or above the Action Level).  British Geological Survey, National Geoscience Information Service	G3NW (E)	0	1	490000 389893
	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	G5SE (N)	0	1	489208 390001
	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	G1NE (S)	0	1	489208 389893
	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	G3NW (E)	0	1	490000 389893



### **Sensitive Land Use**

Map ID		Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	Nitrate Vulnerab	le Zones				
13	Name: Description: Source:	River Eau From Kirton Lindsey Trib To R Trent Nvz Surface Water Environment Agency, Head Office	G6SW (E)	0	3	489506 389939
	Nitrate Vulnerable Zones					
14	Name: Description: Source:	Lower Witham Nvz Surface Water Environment Agency, Head Office	G1NE (S)	0	3	489208 389893

Order Number: 297990273\_1\_1 Date: 06-Jul-2022 rpr\_ec\_datasheet v53.0 A Landmark Information Group Service Page 9 of 15



Agency & Hydrological	Version	Update Cycle
Contaminated Land Register Entries and Notices		
Environment Agency - Head Office	June 2020	Annually
West Lindsey District Council - Environmental Health Department	September 2017	Annual Rolling Update
Discharge Consents		
Environment Agency - Anglian Region	April 2022	Quarterly
Environment Agency - Midlands Region	April 2022	Quarterly
Enforcement and Prohibition Notices		
Environment Agency - Anglian Region	March 2013	
ntegrated Pollution Controls		
Environment Agency - Anglian Region	January 2009	
Integrated Pollution Prevention And Control		
Environment Agency - Anglian Region	April 2022	Quarterly
Local Authority Integrated Pollution Prevention And Control		
West Lindsey District Council - Environmental Health Department	November 2014	Variable
Local Authority Pollution Prevention and Controls		
West Lindsey District Council - Environmental Health Department	November 2014	Annual Rolling Update
Local Authority Pollution Prevention and Control Enforcements		
West Lindsey District Council - Environmental Health Department	November 2014	Variable
	November 2014	Variable
Nearest Surface Water Feature Ordnance Survey	May 2022	
Pollution Incidents to Controlled Waters		
Environment Agency - Midlands Region	December 1999	
Environment Agency - Anglian Region	September 1999	
Prosecutions Relating to Authorised Processes	Coptozor 1000	
Environment Agency - Anglian Region	July 2015	
	July 2013	
Prosecutions Relating to Controlled Waters	March 2013	
Environment Agency - Anglian Region	Maich 2013	
Registered Radioactive Substances	Luca 2010	A = = (*f* =)
Environment Agency - Anglian Region	June 2016	As notified
River Quality		
Environment Agency - Head Office	November 2001	Not Applicable
River Quality Biology Sampling Points		
Environment Agency - Head Office	April 2012	
River Quality Chemistry Sampling Points		
Environment Agency - Head Office	April 2012	
Substantiated Pollution Incident Register		
Environment Agency - Anglian Region - Northern Area	April 2022	Quarterly
Water Abstractions		
Environment Agency - Anglian Region	April 2022	Quarterly
Environment Agency - Midlands Region	April 2022	Quarterly
Water Industry Act Referrals	-	-
Environment Agency - Anglian Region	October 2017	
Groundwater Vulnerability Map	2	
Environment Agency - Head Office	June 2018	As notified
	34.10 2010	7.6 Hotilloa
Bedrock Aquifer Designations	lanuary 2019	Appually
Environment Agency - Head Office	January 2018	Annually
Superficial Aquifer Designations		
Environment Agency - Head Office	January 2018	Annually
Source Protection Zones		
Environment Agency - Head Office	May 2021	Bi-Annually

Order Number: 297990273\_1\_1 Date: 06-Jul-2022 rpr\_ec\_datasheet v53.0 A Landmark Information Group Service



Agency & Hydrological	Version	Update Cycle
Extreme Flooding from Rivers or Sea without Defences		
Environment Agency - Head Office	May 2022	Quarterly
Flooding from Rivers or Sea without Defences		
Environment Agency - Head Office	May 2022	Quarterly
Areas Benefiting from Flood Defences		
Environment Agency - Head Office	May 2022	Quarterly
Flood Water Storage Areas		
Environment Agency - Head Office	May 2022	Quarterly
Flood Defences		
Environment Agency - Head Office	May 2022	Quarterly
OS Water Network Lines		
Ordnance Survey	April 2022	Quarterly
BGS Groundwater Flooding Susceptibility		
British Geological Survey - National Geoscience Information Service	May 2013	As notified
Waste	Version	Update Cycle
BGS Recorded Landfill Sites		
British Geological Survey - National Geoscience Information Service	November 2002	As notified
Historical Landfill Sites		
Environment Agency - Head Office	April 2022	Quarterly
Integrated Pollution Control Registered Waste Sites		
Environment Agency - Anglian Region	January 2009	Not Applicable
Licensed Waste Management Facilities (Landfill Boundaries)		
Environment Agency - Anglian Region - Northern Area	April 2022	Quarterly
Licensed Waste Management Facilities (Locations)		
Environment Agency - Anglian Region - Northern Area	April 2022	Quarterly
Local Authority Landfill Coverage		
Lincolnshire County Council	February 2003	Not Applicable
West Lindsey District Council - Environmental Health Department	February 2003	Not Applicable
Local Authority Recorded Landfill Sites		
Lincolnshire County Council	October 2018	
West Lindsey District Council - Environmental Health Department	October 2018	
Registered Landfill Sites		
Environment Agency - Anglian Region - Northern Area	March 2006	Not Applicable
Registered Waste Transfer Sites		
Environment Agency - Anglian Region - Northern Area	April 2018	
Registered Waste Treatment or Disposal Sites		
Environment Agency - Anglian Region - Northern Area	June 2015	



Hazardous Substances	Version	Update Cycle
Control of Major Accident Hazards Sites (COMAH) Health and Safety Executive	January 2022	Bi-Annually
Explosive Sites		
Health and Safety Executive	March 2017	Annually
Notification of Installations Handling Hazardous Substances (NIHHS)		
Health and Safety Executive	August 2001	
Planning Hazardous Substance Enforcements Lincolnshire County Council - Highways and Planning Department	August 2010	Variable
West Lindsey District Council	February 2016	Variable
Planning Hazardous Substance Consents		
Lincolnshire County Council - Highways and Planning Department	August 2007	Variable
West Lindsey District Council	February 2016	Variable
Geological	Version	Update Cycle
BGS 1:625,000 Solid Geology		
British Geological Survey - National Geoscience Information Service	January 2009	As notified
BGS Recorded Mineral Sites	May 2000	Di Annuallu
British Geological Survey - National Geoscience Information Service	May 2022	Bi-Annually
CBSCB Compensation District Cheshire Brine Subsidence Compensation Board (CBSCB)	August 2011	
Cheshire Brine Subsidence Compensation Board (CBSCB)	November 2020	As notified
Coal Mining Affected Areas		
The Coal Authority - Property Searches	March 2014	Annual Rolling Update
Mining Instability		
Ove Arup & Partners	June 1998	Not Applicable
Non Coal Mining Areas of Great Britain		
British Geological Survey - National Geoscience Information Service	May 2015	Not Applicable
Potential for Collapsible Ground Stability Hazards		
British Geological Survey - National Geoscience Information Service	April 2020	As notified
Potential for Compressible Ground Stability Hazards		
British Geological Survey - National Geoscience Information Service	January 2019	As notified
Potential for Ground Dissolution Stability Hazards	January 2040	As notified
British Geological Survey - National Geoscience Information Service	January 2019	As notined
Potential for Landslide Ground Stability Hazards British Geological Survey - National Geoscience Information Service	January 2019	As notified
- · ·	January 2019	As notined
Potential for Running Sand Ground Stability Hazards  British Geological Survey - National Geoscience Information Service	January 2019	As notified
Potential for Shrinking or Swelling Clay Ground Stability Hazards		7.0
British Geological Survey - National Geoscience Information Service	January 2019	As notified
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

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Industrial Land Use	Version	Update Cycle
Contemporary Trade Directory Entries Thomson Directories	April 2022	Quarterly
Fuel Station Entries Catalist Ltd - Experian	June 2022	Quarterly
Gas Pipelines National Grid	October 2021	Bi-Annually
Underground Electrical Cables National Grid	May 2021	Bi-Annually
Sensitive Land Use	Version	Update Cycle
Ancient Woodland Natural England	February 2021	Bi-Annually
Areas of Adopted Green Belt West Lindsey District Council	October 2020	Quarterly
Areas of Unadopted Green Belt West Lindsey District Council	October 2020	Quarterly
Areas of Outstanding Natural Beauty Natural England	January 2021	Bi-Annually
Environmentally Sensitive Areas Natural England	January 2017	
Forest Parks Forestry Commission	April 1997	Not Applicable
Local Nature Reserves Natural England	February 2021	Bi-Annually
Marine Nature Reserves Natural England	July 2019	Bi-Annually
National Nature Reserves Natural England	January 2021	Bi-Annually
National Parks Natural England	February 2018	Bi-Annually
Nitrate Sensitive Areas Natural England	April 2016	Not Applicable
Nitrate Vulnerable Zones Department for Environment, Food and Rural Affairs (DEFRA - formerly FRCA) Environment Agency - Head Office	April 2016 June 2017	Bi-Annually
Ramsar Sites Natural England	August 2020	Bi-Annually
Sites of Special Scientific Interest Natural England	February 2021	Bi-Annually
Special Areas of Conservation Natural England	July 2020	Bi-Annually
Special Protection Areas Natural England	February 2021	Bi-Annually

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## **Data Suppliers**

A selection of organisations who provide data within this report

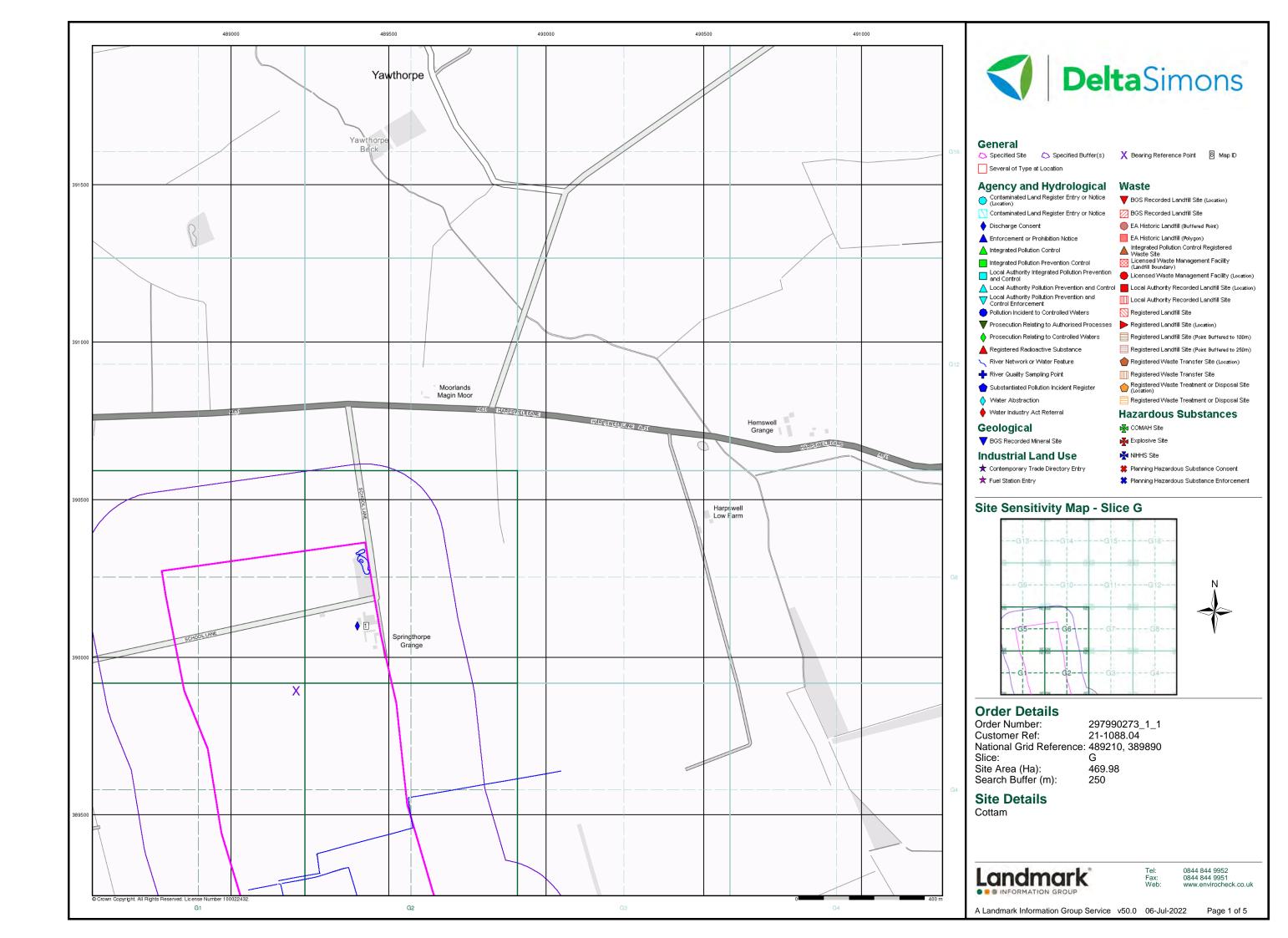
Data Supplier	Data Supplier Logo		
Ordnance Survey	Mop data		
Environment Agency	Environment		
Scottish Environment Protection Agency	SEPA		
The Coal Authority	The Coal Authority		
British Geological Survey	British Geological Survey NATURAL ENVIRONMENT RESEARCH COUNCIL		
Centre for Ecology and Hydrology	Centre for Ecology & Hydrology NATURAL ENVIRONMENT RESEARCH COUNCIL		
Natural Resources Wales	Cyfoeth Naturiol Cyfrou Natural Resources Wales		
Scottish Natural Heritage	SCOTTISH NATURAL HERITAGE 谜살기		
Natural England	NATURAL ENGLAND		
Public Health England	Public Health England		
Ove Arup	ARUP		
Stantec UK Ltd	<b>Stantec</b>		

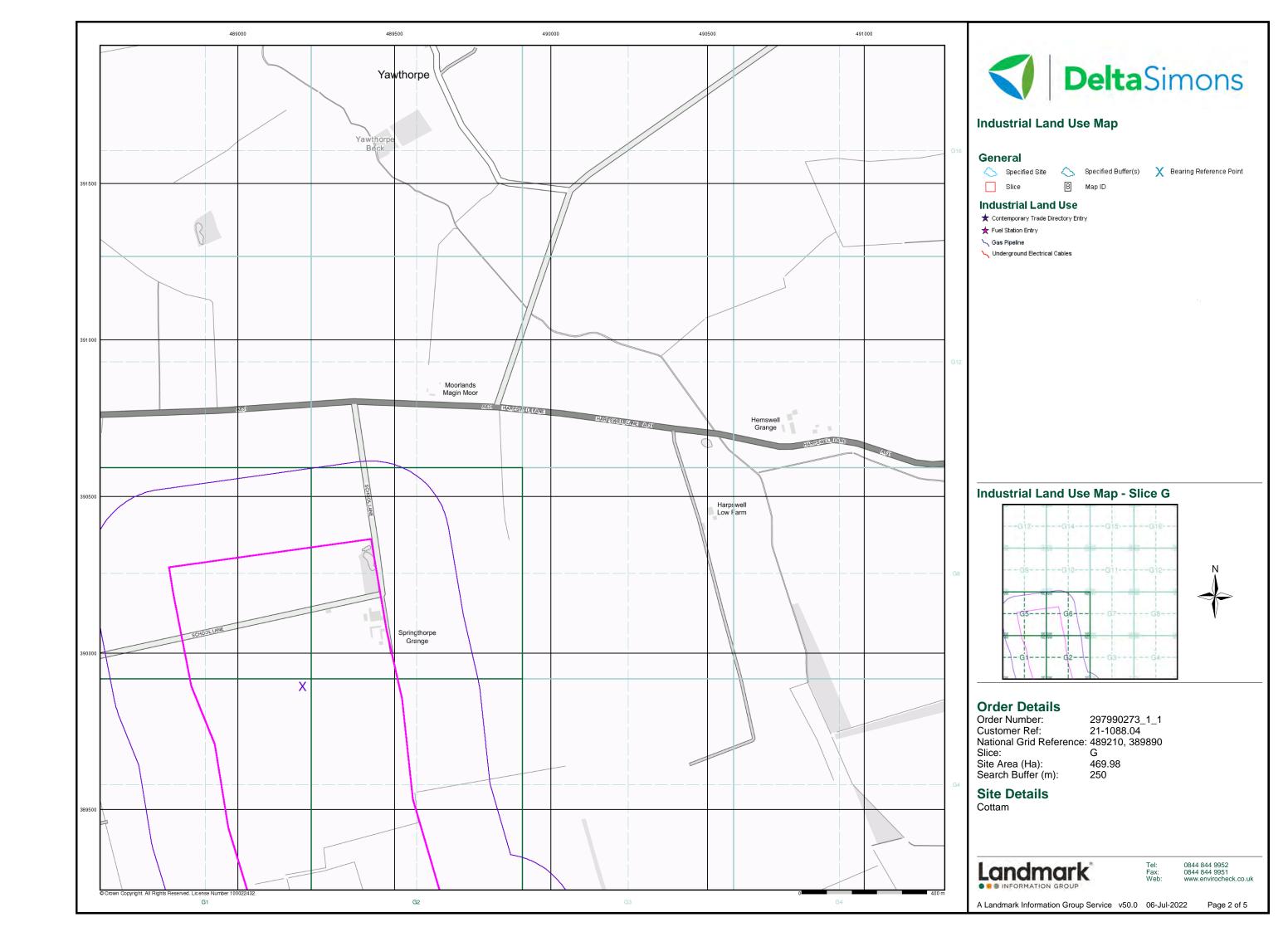


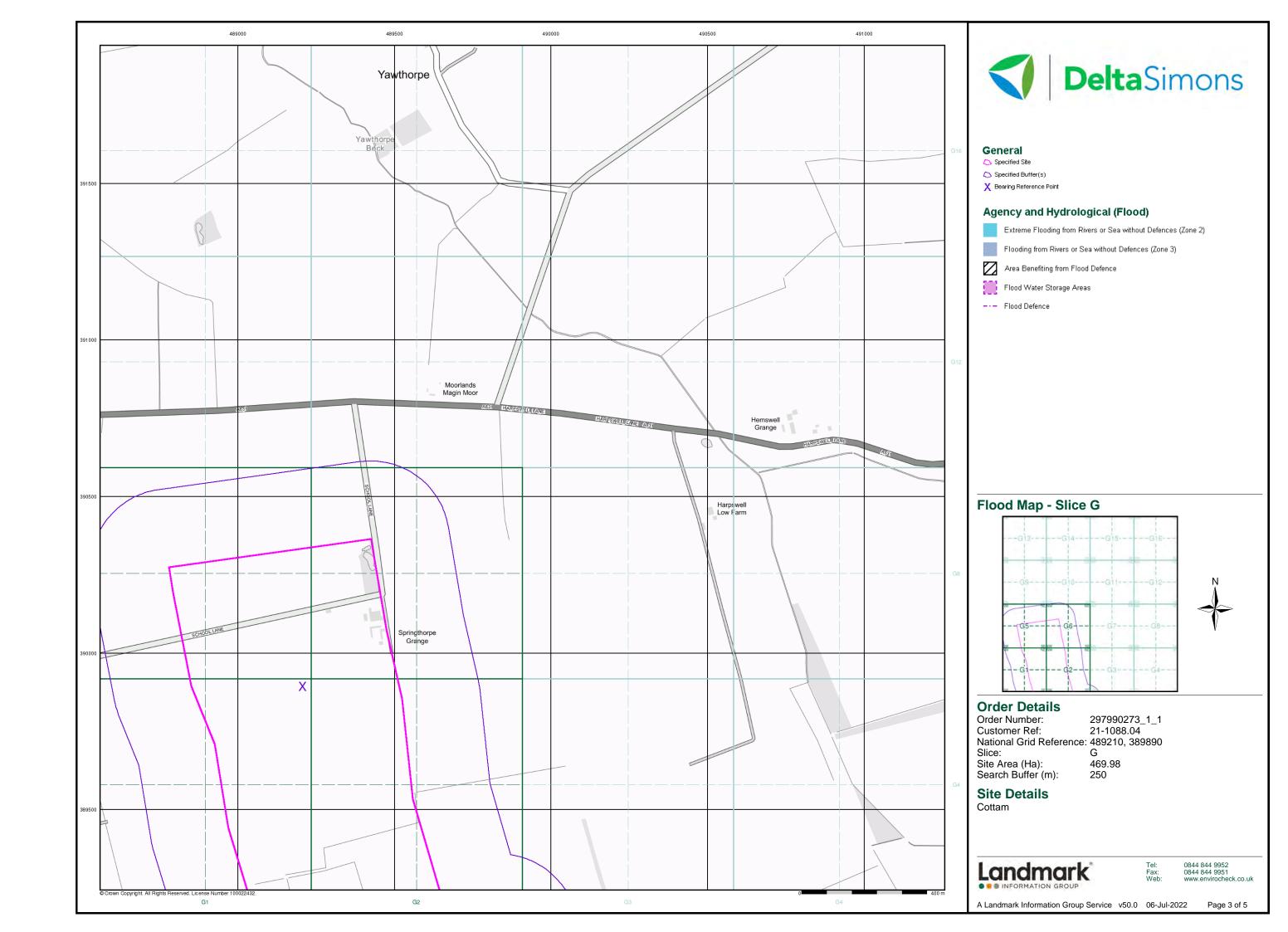
### **Useful Contacts**

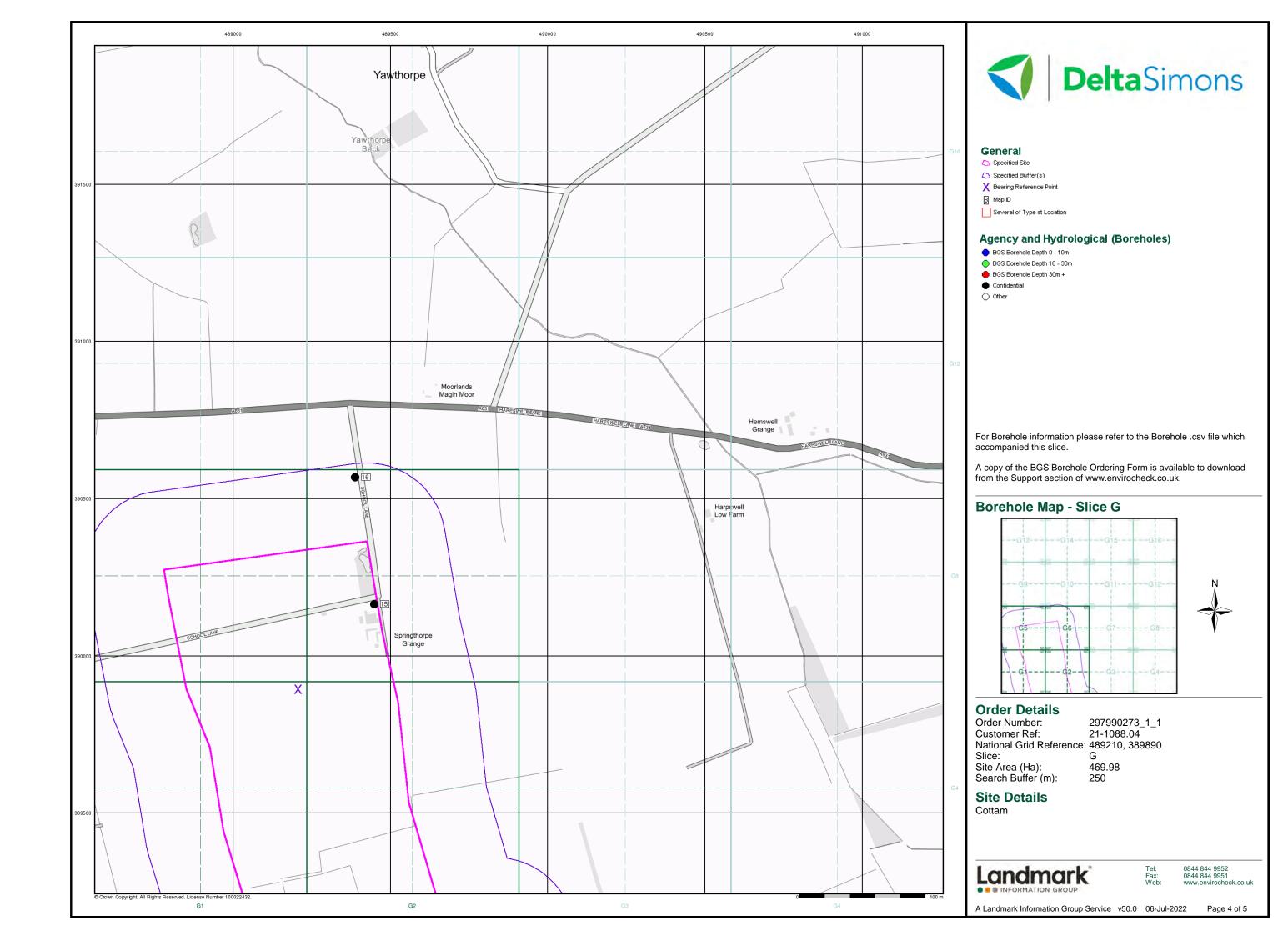
Contact	Name and Address	Contact Details
1	British Geological Survey - Enquiry Service  British Geological Survey, Environmental Science Centre, Keyworth, Nottingham, Nottinghamshire, NG12 5GG	Telephone: 0115 936 3143 Fax: 0115 936 3276 Email: enquiries@bgs.ac.uk Website: www.bgs.ac.uk
2	Environment Agency - National Customer Contact Centre (NCCC) PO Box 544, Templeborough, Rotherham, S60 1BY	Telephone: 03708 506 506 Email: enquiries@environment-agency.gov.uk
3	Environment Agency - Head Office Rio House, Waterside Drive, Aztec West, Almondsbury, Bristol, Avon, BS32 4UD	Telephone: 01454 624400 Fax: 01454 624409
4	Ordnance Survey Adanac Drive, Southampton, Hampshire, SO16 0AS	Telephone: 03456 05 05 05 Email: customerservices@ordnancesurvey.co.uk Website: www.ordnancesurvey.gov.uk
5	West Lindsey District Council - Environmental Health Department The Guildhall, Caskgate Street, Gainsborough, Lincolnshire, DN21 2DH	Telephone: 01427 676676 Fax: 01427 810623 Website: www.west-lindsey.gov.uk
6	Lincolnshire County Council 4th Floor, City Hall, Lincoln, Lincolnshire, LN1 1DN	Telephone: 01522 552222 Fax: 01522 552288 Email: PublicRelations@lincolnshire.gov.uk Website: www.lincolnshire.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

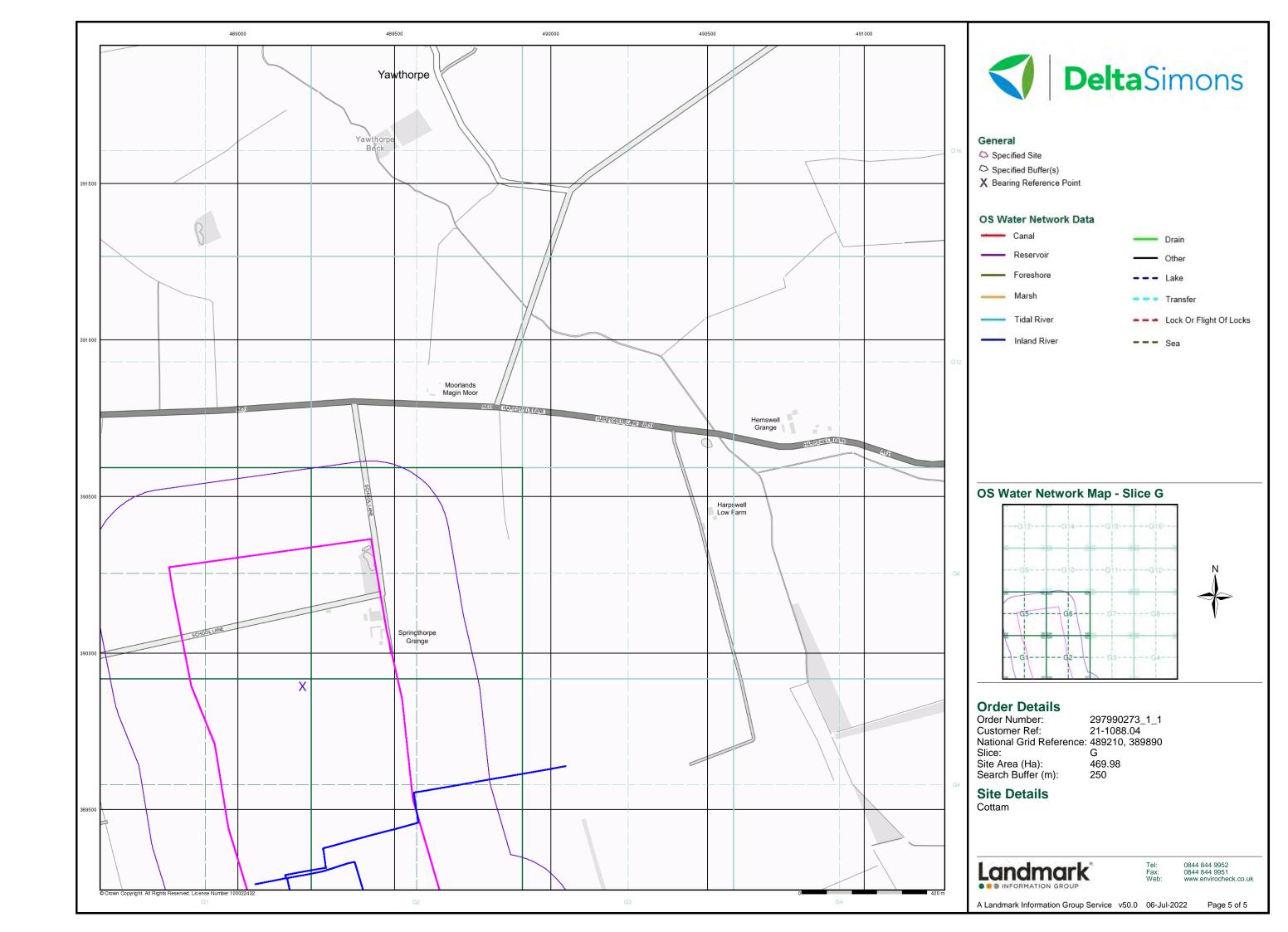
Please note that the Environment Agency / Natural Resources Wales / SEPA have a charging policy in place for enquiries.

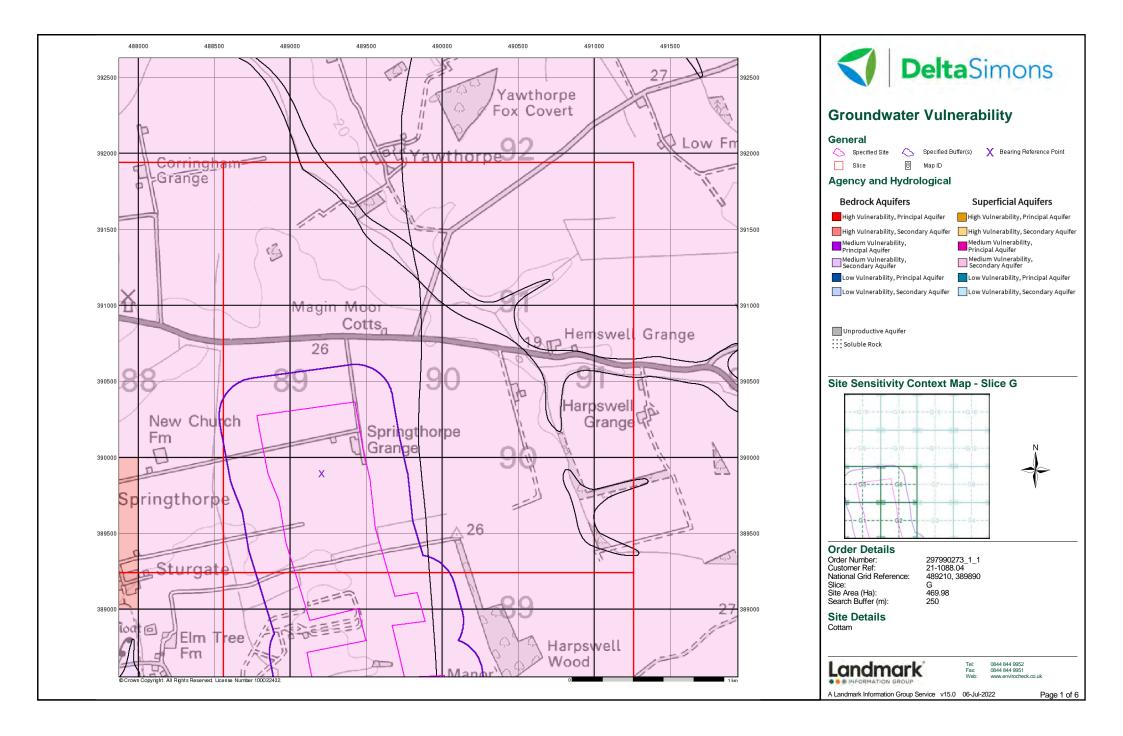


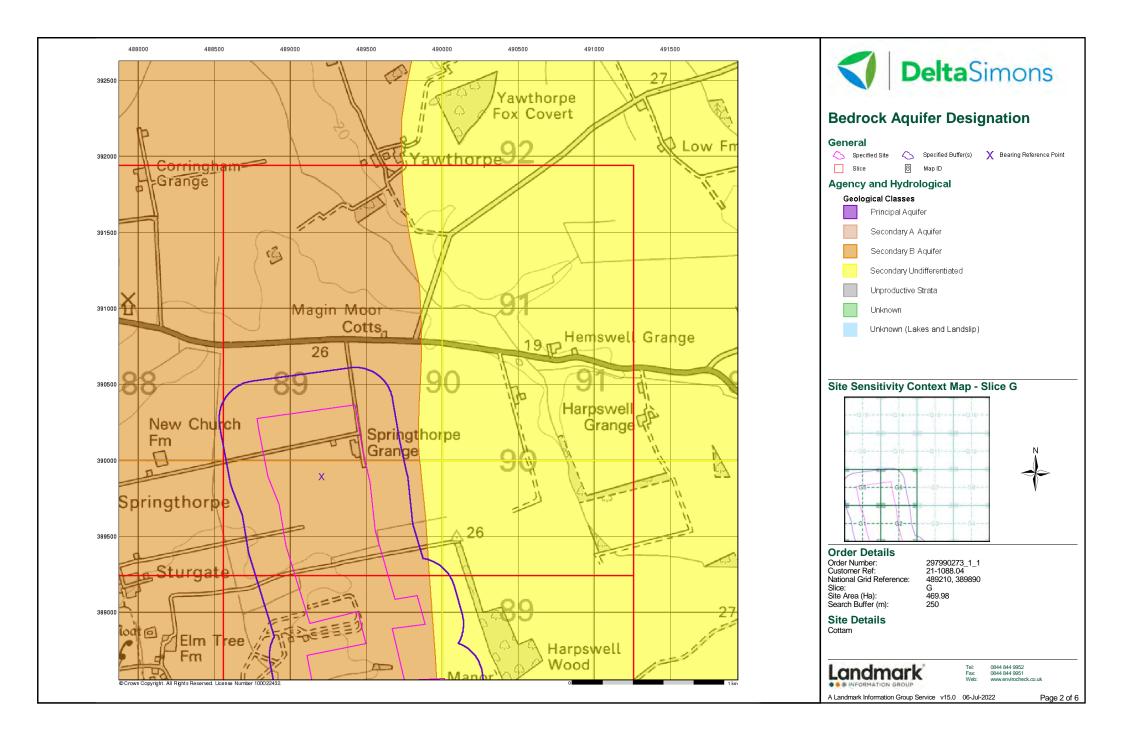


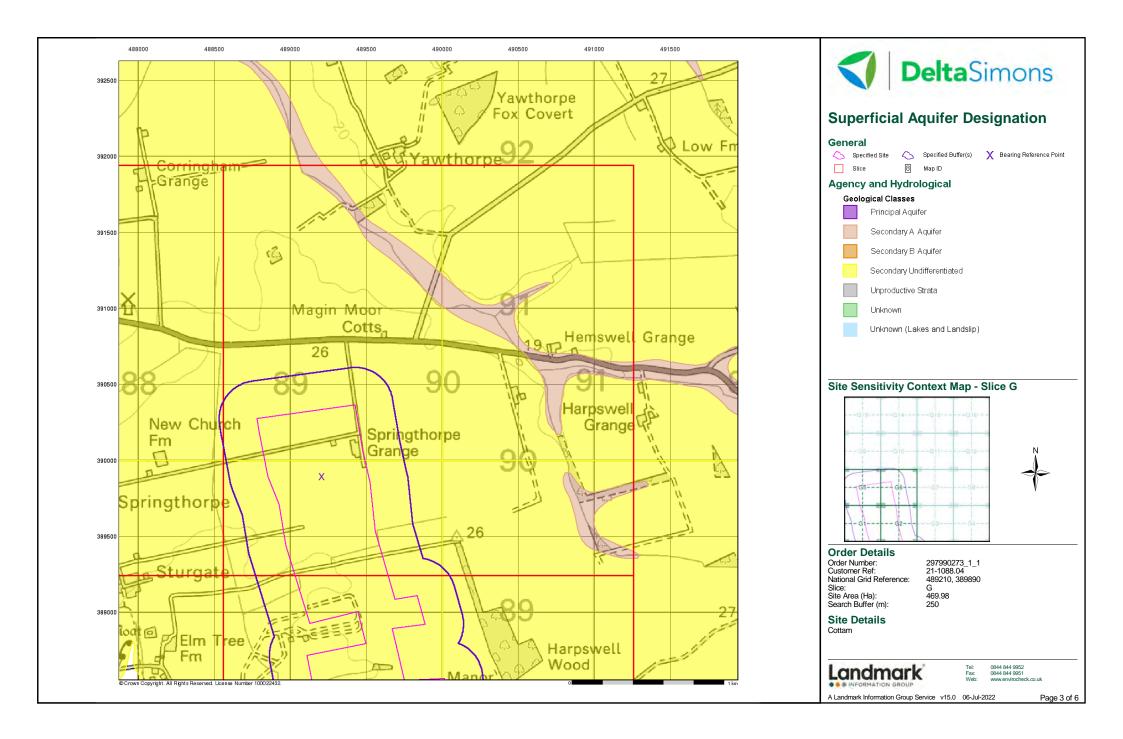


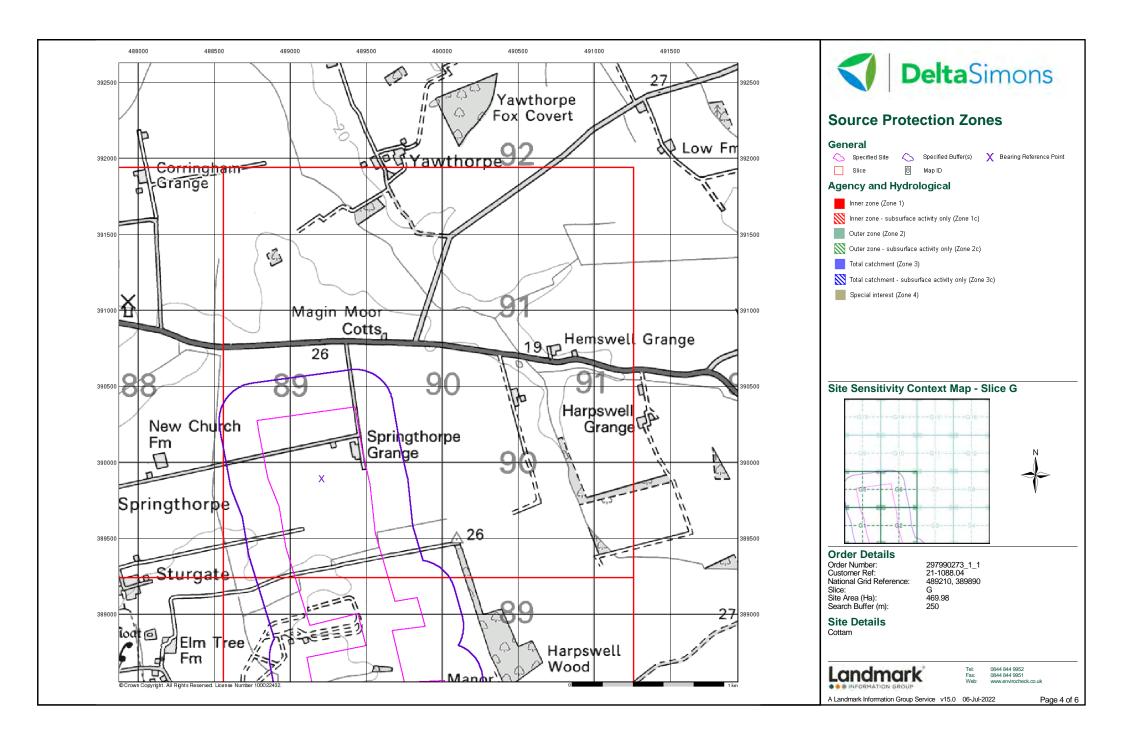


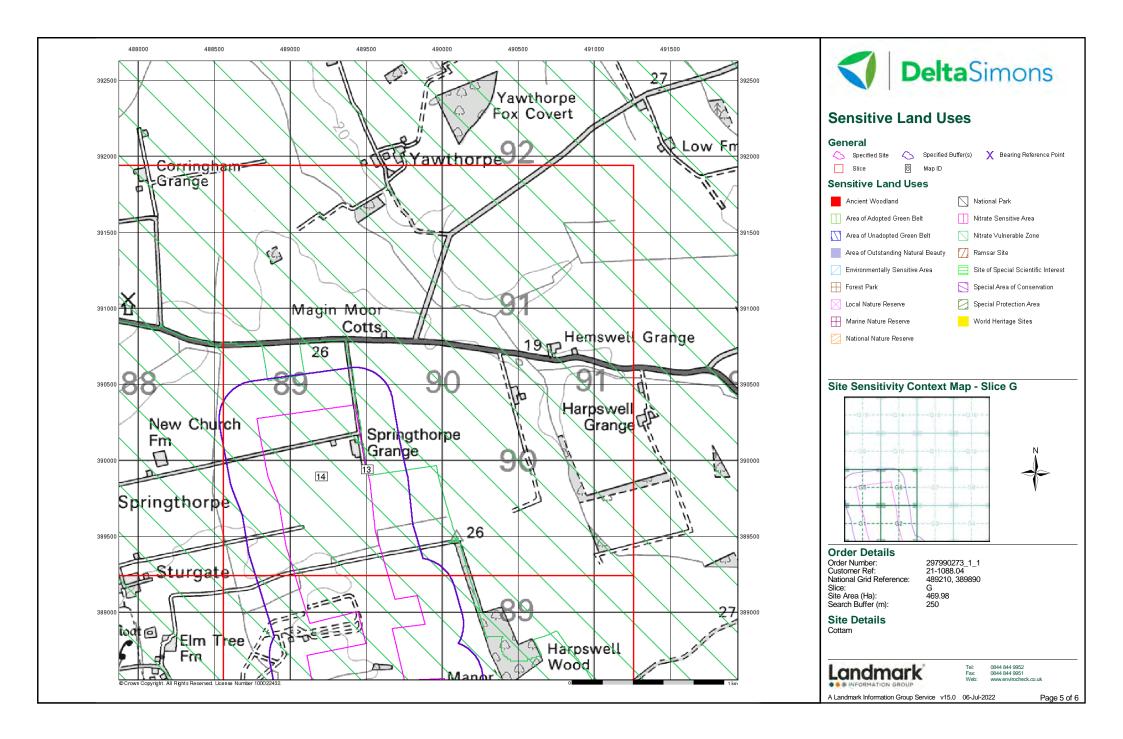


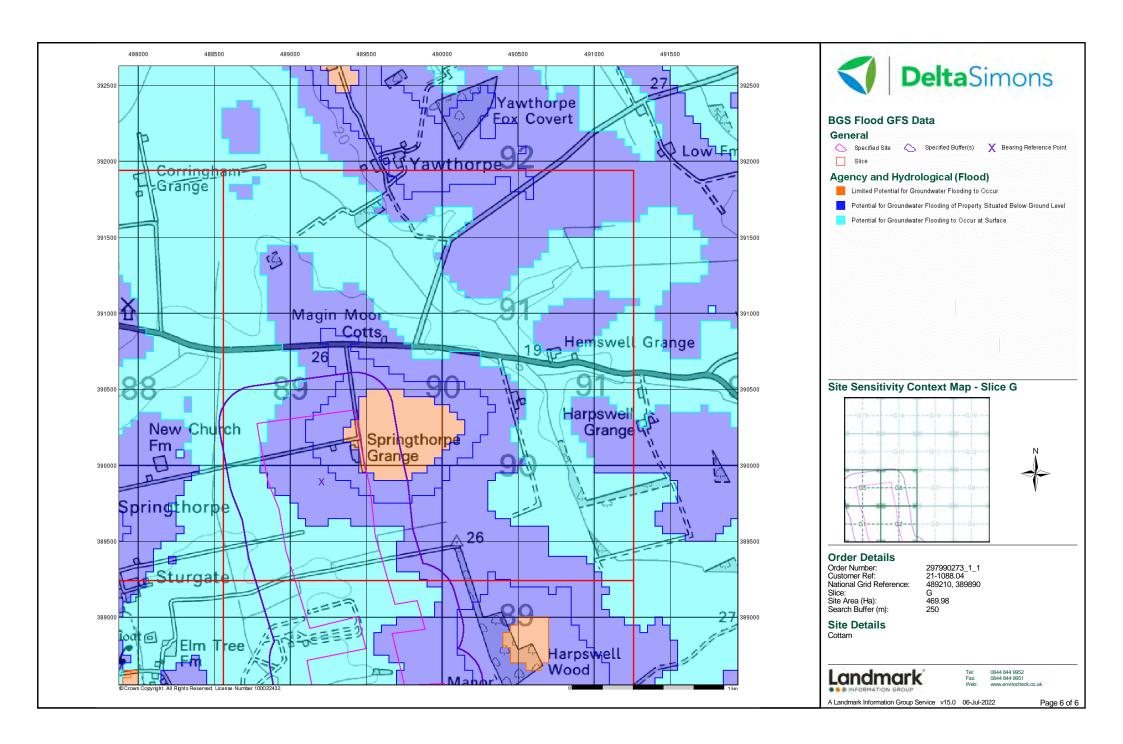














# **Envirocheck® Report:**

### **Datasheet**

### **Order Details:**

**Order Number:** 

298004566\_1\_1

**Customer Reference:** 

21-1088.04

**National Grid Reference:** 

487960, 391710

Slice:

Α

Site Area (Ha):

453.84

Search Buffer (m):

250

### **Site Details:**

Cottam 3

### **Client Details:**

Ms M Booth Delta Simons Suite 4A One Portland Street Manchester M1 3BE







Report Section	Page Number
Summary	-
Agency & Hydrological	1
Waste	7
Hazardous Substances	-
Geological	8
Industrial Land Use	9
Sensitive Land Use	10
Data Currency	11
Data Suppliers	15
Useful Contacts	16

#### Introduction

The Environment Act 1995 has made site sensitivity a key issue, as the legislation pays as much attention to the pathways by which contamination could spread,

and to the vulnerable targets of contamination, as it does the potential sources of contamination.

For this reason, Landmark's Site Sensitivity maps and Datasheet(s) place great emphasis on statutory data provided by the Environment Agency/Natural Resources Wales and the Scottish Environment Protection Agency; it also incorporates data from Natural England (and the Scottish and Welsh equivalents) and Local Authorities; and highlights hydrogeological features required by environmental and geotechnical consultants. It does not include any information concerning past uses of land. The datasheet is produced by querying the Landmark database to a distance defined by the client from a site boundary provided by the client. In this datasheet the National Grid References (NGRs) are rounded to the nearest 10m in accordance with Landmark's agreements with a number of Data Suppliers.

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Report Version v53.0





Data Type	Page Number	On Site	0 to 250m (*up to 500m)
Agency & Hydrological			
BGS Groundwater Flooding Susceptibility	pg 1	Yes	Yes
Contaminated Land Register Entries and Notices			
Discharge Consents	pg 1		1
Prosecutions Relating to Controlled Waters			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 1	Yes	
Pollution Incidents to Controlled Waters			
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			
Water Industry Act Referrals			
Groundwater Vulnerability Map	pg 1	Yes	n/a
Groundwater Vulnerability - Soluble Rock Risk			n/a
Bedrock Aquifer Designations	pg 3	Yes	n/a
Superficial Aquifer Designations	pg 3	Yes	n/a
Source Protection Zones			
Extreme Flooding from Rivers or Sea without Defences			
Flooding from Rivers or Sea without Defences			
Areas Benefiting from Flood Defences			
Flood Water Storage Areas			
Flood Defences			
OS Water Network Lines	pg 3	5	16





Data Type	Page Number	On Site	0 to 250m (*up to 500m)
Waste			
BGS Recorded Landfill Sites			
Historical Landfill Sites			
Integrated Pollution Control Registered Waste Sites			
Licensed Waste Management Facilities (Landfill Boundaries)			
Licensed Waste Management Facilities (Locations)			
Local Authority Landfill Coverage	pg 7	2	n/a
Local Authority Recorded Landfill Sites			
Registered Landfill Sites			
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 8	Yes	n/a
BGS Recorded Mineral Sites			
CBSCB Compensation District			n/a
Coal Mining Affected Areas			n/a
Mining Instability			n/a
Man-Made Mining Cavities			
Natural Cavities			
Non Coal Mining Areas of Great Britain			
Potential for Collapsible Ground Stability Hazards	pg 8	Yes	
Potential for Compressible Ground Stability Hazards			
Potential for Ground Dissolution Stability Hazards			
Potential for Landslide Ground Stability Hazards	pg 8	Yes	
Potential for Running Sand Ground Stability Hazards	pg 8	Yes	
Potential for Shrinking or Swelling Clay Ground Stability Hazards	pg 8	Yes	
Radon Potential - Radon Affected Areas	pg 8	Yes	n/a
Radon Potential - Radon Protection Measures			n/a



### **Summary**

Data Type	Page Number	On Site	0 to 250m (*up to 500m)
Industrial Land Use			
Contemporary Trade Directory Entries	pg 9		1
Fuel Station Entries			
Gas Pipelines			
Underground Electrical Cables			
Sensitive Land Use			
Ancient Woodland			
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 10	3	
Ramsar Sites			
Sites of Special Scientific Interest			
Special Areas of Conservation			
Special Protection Areas			
World Heritage Sites			



Order Number: 298004566\_1\_1

## **Agency & Hydrological**

Map ID		Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	BGS Groundwater Flooding Type:	Flooding Susceptibility  Potential for Groundwater Flooding of Property Situated Below Ground Level	(NW)	0	1	487650 392300
	BGS Groundwater Flooding Type:	Flooding Susceptibility  Potential for Groundwater Flooding of Property Situated Below Ground Level	(E)	0	1	488800 391400
	BGS Groundwater Flooding Type:	Flooding Susceptibility Potential for Groundwater Flooding to Occur at Surface	A16SW (N)	0	1	487963 391710
	BGS Groundwater Flooding Type:	Flooding Susceptibility Limited Potential for Groundwater Flooding to Occur	(NW)	47	1	485700 392850
	BGS Groundwater	Flooding Susceptibility				002000
	Flooding Type:	Limited Potential for Groundwater Flooding to Occur	(W)	65	1	485650 391800
1		Mr J R Riddle DOMESTIC PROPERTY (SINGLE) (INCL FARM HOUSE) An Stp Serving Keepers Cottage, Corringham, Gainsborough, Lincolnshire, Dn21 5qx Environment Agency, Midlands Region River Eau Catchment T/80/46398/S 1 25th July 2007 25th July 2007 Not Supplied Sewage Discharges - Final/Treated Effluent - Not Water Company Freshwater Stream/River  A Trib Of The Corringham Beck New Consent (Water Resources Act 1991, Section 88 & Schedule 10 as amended by Environment Act 1995) Located by supplier to within 10m	A15NE (NW)	17	2	487430 392050
	Nearest Surface Wa	ater reature	A16NE (NE)	0	-	488081 391882
	Groundwater Vulne	erability Map	(IVL)			391002
	Combined Classification: Combined Vulnerability: Combined Aquifer: Pollutant Speed: Bedrock Flow: Dilution: Baseflow Index: Superficial Patchiness: Superficial Thickness: Superficial Recharge:	Secondary Superficial Aquifer - Medium Vulnerability  Medium  Productive Bedrock Aquifer, Productive Superficial Aquifer Low  Well Connected Fractures <300 mm/year 40-70% >90%  3-10m  Low	A12SW (S)	0	3	488000 391000
	Groundwater Vulne Combined Classification: Combined Vulnerability: Combined Aquifer: Pollutant Speed: Bedrock Flow: Dilution: Baseflow Index: Superficial Patchiness: Superficial Thickness: Superficial Recharge:	Secondary Superficial Aquifer - Medium Vulnerability  Medium  Productive Bedrock Aquifer, Productive Superficial Aquifer Low  Well Connected Fractures <300 mm/year 40-70% >90%  3-10m  Low	(SE)	0	3	489000 391000

Page 1 of 16



# **Agency & Hydrological**

lap ID		Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	Groundwater Vulne	rability Map				
	Combined	Secondary Superficial Aquifer - Medium Vulnerability	A16NW	0	3	488000
	Classification: Combined	Medium	(N)			392000
	Vulnerability: Combined Aquifer:	Productive Bedrock Aquifer, Productive Superficial Aquifer				
	Pollutant Speed: Bedrock Flow:	Low Well Connected Fractures				
	Dilution:	<300 mm/year				
	Baseflow Index:	40-70%				
	Superficial Patchiness:	>90%				
	Superficial Thickness:	3-10m				
	Superficial Recharge:	Low				
	Groundwater Vulne	erability Map				
	Combined Classification:	Secondary Superficial Aquifer - Medium Vulnerability	A16NW (N)	0	3	487963 392000
	Combined Vulnerability:	Medium				
	Combined Aquifer: Pollutant Speed:	Productive Bedrock Aquifer, Productive Superficial Aquifer Low				
	Bedrock Flow:	Well Connected Fractures				
	Dilution:	<300 mm/year				
	Baseflow Index: Superficial	40-70% >90%				
	Patchiness:	0.40				
	Superficial Thickness:	3-10m				
	Superficial Recharge:	Low				
	Groundwater Vulne	rability Map				
	Combined Classification:	Secondary Superficial Aquifer - Medium Vulnerability	A15NE (NW)	0	3	487414 392003
	Combined Vulnerability:	Medium	(,			002000
	Combined Aquifer:	Productive Bedrock Aquifer, Productive Superficial Aquifer				
	Pollutant Speed:	Low				
	Bedrock Flow: Dilution:	Well Connected Fractures <300 mm/year				
	Baseflow Index:	40-70%				
	Superficial	>90%				
	Patchiness:					
	Superficial Thickness:	3-10m				
	Superficial	Low				
	Recharge:					
	Groundwater Vulne					
	Combined Classification:	Secondary Superficial Aquifer - Medium Vulnerability	A16SW (N)	0	3	487963 391710
	Combined	Medium	(14)			391710
	Vulnerability:					
	Combined Aquifer:	Productive Bedrock Aquifer, Productive Superficial Aquifer				
	Pollutant Speed: Bedrock Flow:	Low Well Connected Fractures				
	Dilution:	Well Connected Fractures <300 mm/year				
	Baseflow Index:	40-70%				
	Superficial	>90%				
	Patchiness:	2.40m				
	Superficial Thickness:	3-10m				
	Superficial	Low				
	Recharge:					



# **Agency & Hydrological**

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Map ID		Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	Groundwater Vulnerability Map					
	Combined	Secondary Superficial Aquifer - Medium Vulnerability	A16SW	0	3	488000
	Classification:		(E)	-		391710
	Combined	Medium				
	Vulnerability:					
	Combined Aquifer: Pollutant Speed:	Productive Bedrock Aquifer, Productive Superficial Aquifer Low				
	Bedrock Flow:	Well Connected Fractures				
	Dilution:	<300 mm/year				
	Baseflow Index:	40-70%				
	Superficial Patchiness:	>90%				
	Superficial	3-10m				
	Thickness:					
	Superficial	Low				
	Recharge:					
	Groundwater Vulne	erability Map				
	Combined	Secondary Superficial Aquifer - Medium Vulnerability	(E)	0	3	489000
	Classification:		, ,			391710
	Combined	Medium				
	Vulnerability: Combined Aquifer:	Productive Bedrock Aquifer, Productive Superficial Aquifer				
	Pollutant Speed:	Low				
	Bedrock Flow:	Well Connected Fractures				
	Dilution:	<300 mm/year				
	Baseflow Index: Superficial	40-70% >90%				
	Patchiness:	29070				
	Superficial	3-10m				
	Thickness:					
	Superficial Recharge:	Low				
	-					
	Groundwater Vulne	erability - Soluble Rock Risk				
	None					
	Bedrock Aquifer De	esignations				
	· -	Secondary Aquifer - B	A16SW	0	3	487963
	, iquilor 2 coignation.	Cocondary / Hamor D	(N)	, and the second	Ü	391710
	Superficial Aquifer	Designations				
		Secondary Aquifer - Undifferentiated	A16SW	0	3	487963
	,	, in the second	(N)			391710
	Superficial Aquifer	Designations				
	Aguifer Designation:	Secondary Aquifer - A	A15NE	0	3	487414
			(NW)			392003
	Extreme Flooding f	rom Rivers or Sea without Defences				
	None					
	Eleading from Bive	rs or Sea without Defences				
	None	is of Sea without Defences				
	Areas Benefiting from	om Flood Defences				
	None					
	Flood Water Storag	e Areas				
	None	•				
	Flood Defences					
	None					
	OS Water Network	Lines				
2	Watercourse Form:	Inland river	A16NW	0	4	487977
	Watercourse Length	: 59.9	(N)			391938
	Watercourse Level: Permanent:	On ground surface True				
	Watercourse Name:					
	Catchment Name:					
	Primacy:	1				
	OS Water Network	Lines				
3	Watercourse Form:		A16NE	0	4	488082
J	Watercourse Length	: 68.1	(NE)			391883
	Watercourse Level:	On ground surface	, ,			
	Permanent:	True				
		Not Cupplied				
	Watercourse Name: Catchment Name:					



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# **Agency & Hydrological**

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
4	OS Water Network Lines  Watercourse Form: Inland river Watercourse Length: 11.2 Watercourse Level: Underground Permanent: True Watercourse Name: Not Supplied Catchment Name: Trent Primacy: 1	A16NE (NE)	0	4	488084 391872
5	OS Water Network Lines  Watercourse Form: Inland river Watercourse Length: 37.8 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Trent Primacy: 1	A16NE (NE)	0	4	488090 391834
6	OS Water Network Lines  Watercourse Form: Inland river Watercourse Length: 277.3  Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Trent Primacy: 1	A16SE (SE)	0	4	488334 391501
7	OS Water Network Lines  Watercourse Form: Inland river Watercourse Level: On ground surface Permanent: True Watercourse Name: Corringham Beck Catchment Name: Trent Primacy: 1	(NW)	1	4	487697 392129
8	OS Water Network Lines  Watercourse Form: Inland river Watercourse Length: 383.6 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Trent Primacy: 1	A16SW (W)	2	4	487744 391749
9	OS Water Network Lines  Watercourse Form: Inland river Watercourse Length: 16.4 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Trent Primacy: 1	A15NE (NW)	10	4	487432 391983
10	OS Water Network Lines  Watercourse Form: Inland river Watercourse Length: 120.9 Watercourse Level: On ground surface Permanent: True Watercourse Name: Corringham Beck Catchment Name: Trent Primacy: 1	A15NE (W)	12	4	487425 391863
11	OS Water Network Lines  Watercourse Form: Inland river Watercourse Length: 421.9 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Trent Primacy: 1	A16SE (SE)	15	4	488334 391501
12	OS Water Network Lines  Watercourse Form: Inland river Watercourse Length: 222.0  Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Trent Primacy: 1	A16SE (SE)	15	4	488129 391586

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# **Agency & Hydrological**

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
13	OS Water Network Lines  Watercourse Form: Inland river Watercourse Length: 1692.4  Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Witham Primacy: 1	A8NE (S)	68	4	488328 390738
	OS Water Network Lines				
14	Watercourse Form: Inland river Watercourse Length: 6.4 Watercourse Level: Underground Permanent: True Watercourse Name: Corringham Beck Catchment Name: Trent Primacy: 1	A15NE (W)	128	4	487425 391856
15	OS Water Network Lines  Watercourse Form: Inland river Watercourse Length: 10.6 Watercourse Level: Underground Permanent: True Watercourse Name: Not Supplied Catchment Name: Trent Primacy: 1	A16SE (SE)	128	4	488119 391589
16	OS Water Network Lines  Watercourse Form: Inland river Watercourse Length: 9.8  Watercourse Level: On ground surface Permanent: True Watercourse Name: Corringham Beck Catchment Name: Trent Primacy: 1	A15NE (W)	134	4	487425 391847
17	OS Water Network Lines  Watercourse Form: Inland river Watercourse Length: 164.3 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Trent Primacy: 1	A16SW (S)	134	4	487977 391588
18	OS Water Network Lines  Watercourse Form: Inland river Watercourse Length: 250.9 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Trent Primacy: 1	A15NE (W)	144	4	487425 391847
19	OS Water Network Lines  Watercourse Form: Inland river Watercourse Length: 83.2 Watercourse Level: On ground surface Permanent: True Watercourse Name: Corringham Beck Catchment Name: Trent Primacy: 1	A15SE (W)	144	4	487423 391764
20	OS Water Network Lines  Watercourse Form: Inland river Watercourse Length: 4.5  Watercourse Level: Underground Permanent: True Watercourse Name: Corringham Beck Catchment Name: Trent Primacy: 1	A15SE (W)	226	4	487423 391759
21	OS Water Network Lines  Watercourse Form: Inland river Watercourse Length: 157.3  Watercourse Level: On ground surface Permanent: True Watercourse Name: Corringham Beck Catchment Name: Trent Primacy: 1	A15SE (W)	231	4	487422 391720



# **Agency & Hydrological**

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
22	OS Water Network Lines  Watercourse Form: Inland river Watercourse Length: 85.7 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Primacy: 1	A15NW (W)	248	4	487195 391922

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Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	Local Authority Landfill Coverage				
	Name: West Lindsey District Council - Has no landfill data to supply		0	5	487963 391710
	ocal Authority Landfill Coverage				
	Name: Lincolnshire County Council - Had landfill data but passed it to the relevant environment agency		0	6	487963 391710

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# Geological

/lap ID		Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	BGS 1:625,000 Soli	d Geology				
	Description:	Lias Group	A16SW (N)	0	1	487963 391710
	Coal Mining Affecte In an area that might	ed Areas not be affected by coal mining				
	Non Coal Mining Ar	reas of Great Britain				
	Potential for Collan	sible Ground Stability Hazards				
	Hazard Potential: Source:	Very Low British Geological Survey, National Geoscience Information Service	A16SW (N)	0	1	487963 391710
	Potential for Compi	ressible Ground Stability Hazards				
	Hazard Potential: Source:	No Hazard British Geological Survey, National Geoscience Information Service	A16SW (N)	0	1	487963 391710
	Potential for Groun	d Dissolution Stability Hazards				
	Hazard Potential: Source:	No Hazard British Geological Survey, National Geoscience Information Service	A16SW (N)	0	1	487963 391710
	Potential for Lands	lide Ground Stability Hazards				
	Hazard Potential: Source:	Very Low British Geological Survey, National Geoscience Information Service	A16SW (N)	0	1	487963 391710
	Potential for Runnii	ng Sand Ground Stability Hazards				
	Hazard Potential: Source:	Very Low British Geological Survey, National Geoscience Information Service	A16SW (N)	0	1	487963 391710
	Potential for Shrink	ing or Swelling Clay Ground Stability Hazards				
	Hazard Potential: Source:	No Hazard British Geological Survey, National Geoscience Information Service	A15NE (NW)	0	1	487414 392003
	Potential for Shrink	ing or Swelling Clay Ground Stability Hazards				
	Hazard Potential: Source:	Low British Geological Survey, National Geoscience Information Service	A16SW (N)	0	1	487963 391710
	Radon Potential - R	adon Affected Areas				
	Affected Area: Source:	The property is in a Lower probability radon area (less than 1% of homes are estimated to be at or above the Action Level).  British Geological Survey, National Geoscience Information Service	A16SW (N)	0	1	487963 391710
	Affected Area:	adon Affected Areas  The property is in an Intermediate probability radon area (1 to 3% of homes	A15NE	0	1	487475
	Source:	are estimated to be at or above the Action Level).  British Geological Survey, National Geoscience Information Service	(NW)			391951
	Radon Potential - R	adon Protection Measures				
		No radon protective measures are necessary in the construction of new dwellings or extensions	A16SW (N)	0	1	487963 391710
	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	A15NE (NW)	0	1	487475 391951



### **Industrial Land Use**

Map ID		Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	Contemporary Trad	e Directory Entries				
23	Name: Location: Classification: <b>Status:</b> Positional Accuracy:	Aisby Haulage & Plant Ltd Hall Farm, East Lane, Corringham, Gainsborough, Lincolnshire, DN21 5QX Road Haulage Services Active Automatically positioned to the address	A15NW (NW)	224	-	487223 392039

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### **Sensitive Land Use**

Map ID		Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	Nitrate Vulnerabl	e Zones				
24	Name: Description: Source:	River Eau From Kirton Lindsey Trib To R Trent Nvz Surface Water Environment Agency, Head Office	A16SW (N)	0	3	487963 391710
	Nitrate Vulnerabl	e Zones				
25	Name: Description: Source:	Laughton Drain From Source To River Trent Nvz Surface Water Environment Agency, Head Office	(NW)	0	3	487100 392800
	Nitrate Vulnerabl	e Zones				
26	Name: Description: Source:	Lower Witham Nvz Surface Water Environment Agency, Head Office	A16SW (SW)	0	3	487746 391561

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Agency & Hydrological	Version	Update Cycle
Contaminated Land Register Entries and Notices		
Environment Agency - Head Office	June 2020	Annually
West Lindsey District Council - Environmental Health Department	September 2017	Annual Rolling Update
Discharge Consents		
Environment Agency - Anglian Region	April 2022	Quarterly
Environment Agency - Midlands Region	April 2022	Quarterly
Enforcement and Prohibition Notices Environment Agency - Anglian Region	March 2013	
Integrated Pollution Controls		
Environment Agency - Anglian Region	January 2009	
	Sandary 2005	
Integrated Pollution Prevention And Control	April 2022	Ou ortorly
Environment Agency - Anglian Region	April 2022	Quarterly
Local Authority Integrated Pollution Prevention And Control	N	
West Lindsey District Council - Environmental Health Department	November 2014	Variable
Local Authority Pollution Prevention and Controls		
West Lindsey District Council - Environmental Health Department	November 2014	Annual Rolling Update
Local Authority Pollution Prevention and Control Enforcements		
West Lindsey District Council - Environmental Health Department	November 2014	Variable
Nearest Surface Water Feature		
Ordnance Survey	May 2022	
Pollution Incidents to Controlled Waters		
Environment Agency - Midlands Region	December 1999	
Environment Agency - Anglian Region	September 1999	
Prosecutions Relating to Authorised Processes		
Environment Agency - Anglian Region	July 2015	
Prosecutions Relating to Controlled Waters		
Environment Agency - Anglian Region	March 2013	
Registered Radioactive Substances		
Environment Agency - Anglian Region	June 2016	As notified
River Quality		
Environment Agency - Head Office	November 2001	Not Applicable
River Quality Biology Sampling Points		
Environment Agency - Head Office	April 2012	
River Quality Chemistry Sampling Points		
Environment Agency - Head Office	April 2012	
Substantiated Pollution Incident Register		
Environment Agency - Anglian Region - Northern Area	April 2022	Quarterly
Water Abstractions	7,011 2022	Quarterly
Environment Agency - Anglian Region	April 2022	Quarterly
Environment Agency - Midlands Region	April 2022	Quarterly
	7.p.:: 2522	
Water Industry Act Referrals Environment Agency - Anglian Region	October 2017	
	October 2017	
Groundwater Vulnerability Map	luna 2049	No potition
Environment Agency - Head Office	June 2018	As notified
Bedrock Aquifer Designations Environment Agency - Head Office	January 2018	Annually
Superficial Aquifer Designations		1
Environment Agency - Head Office	January 2018	Annually
Source Protection Zones		
Environment Agency - Head Office	May 2021	Bi-Annually

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Agency & Hydrological	Version	Update Cycle
Extreme Flooding from Rivers or Sea without Defences		
Environment Agency - Head Office	May 2022	Quarterly
Flooding from Rivers or Sea without Defences		
Environment Agency - Head Office	May 2022	Quarterly
Areas Benefiting from Flood Defences		
Environment Agency - Head Office	May 2022	Quarterly
Flood Water Storage Areas		
Environment Agency - Head Office	May 2022	Quarterly
Flood Defences		
Environment Agency - Head Office	May 2022	Quarterly
OS Water Network Lines		
Ordnance Survey	April 2022	Quarterly
BGS Groundwater Flooding Susceptibility		
British Geological Survey - National Geoscience Information Service	May 2013	As notified
Waste	Version	Update Cycle
BGS Recorded Landfill Sites		
British Geological Survey - National Geoscience Information Service	November 2002	As notified
Historical Landfill Sites		
Environment Agency - Head Office	April 2022	Quarterly
Integrated Pollution Control Registered Waste Sites		
Environment Agency - Anglian Region	January 2009	Not Applicable
Licensed Waste Management Facilities (Landfill Boundaries)		
Environment Agency - Anglian Region - Northern Area	April 2022	Quarterly
Licensed Waste Management Facilities (Locations)		
Environment Agency - Anglian Region - Northern Area	April 2022	Quarterly
Local Authority Landfill Coverage		
Lincolnshire County Council	February 2003	Not Applicable
West Lindsey District Council - Environmental Health Department	February 2003	Not Applicable
Local Authority Recorded Landfill Sites		
Lincolnshire County Council	October 2018	
West Lindsey District Council - Environmental Health Department	October 2018	
Registered Landfill Sites		
Environment Agency - Anglian Region - Northern Area	March 2006	Not Applicable
Registered Waste Transfer Sites		
Environment Agency - Anglian Region - Northern Area	April 2018	
Registered Waste Treatment or Disposal Sites		
Environment Agency - Anglian Region - Northern Area	June 2015	



Hazardous Substances	Version	Update Cycle
Control of Major Accident Hazards Sites (COMAH) Health and Safety Executive	January 2022	Bi-Annually
Explosive Sites	,	
Health and Safety Executive	March 2017	Annually
Notification of Installations Handling Hazardous Substances (NIHHS)		
Health and Safety Executive	August 2001	
Planning Hazardous Substance Enforcements Lincolnshire County Council - Highways and Planning Department	August 2010	Variable
West Lindsey District Council	February 2016	Variable
Planning Hazardous Substance Consents Lincolnshire County Council - Highways and Planning Department West Lindsey District Council	August 2007 February 2016	Variable Variable
Geological	Version	Update Cycle
BGS 1:625,000 Solid Geology British Geological Survey - National Geoscience Information Service	January 2009	As notified
BGS Recorded Mineral Sites British Geological Survey - National Geoscience Information Service	May 2022	Bi-Annually
CBSCB Compensation District Cheshire Brine Subsidence Compensation Board (CBSCB) Cheshire Brine Subsidence Compensation Board (CBSCB)	August 2011 November 2020	As notified
Coal Mining Affected Areas		
The Coal Authority - Property Searches	March 2014	Annual Rolling Update
Mining Instability Ove Arup & Partners	June 1998	Not Applicable
Non Coal Mining Areas of Great Britain British Geological Survey - National Geoscience Information Service	May 2015	Not Applicable
Potential for Collapsible Ground Stability Hazards British Geological Survey - National Geoscience Information Service	April 2020	As notified
Potential for Compressible Ground Stability Hazards British Geological Survey - National Geoscience Information Service	January 2019	As notified
Potential for Ground Dissolution Stability Hazards British Geological Survey - National Geoscience Information Service	January 2019	As notified
Potential for Landslide Ground Stability Hazards British Geological Survey - National Geoscience Information Service	January 2019	As notified
Potential for Running Sand Ground Stability Hazards British Geological Survey - National Geoscience Information Service	January 2019	As notified
Potential for Shrinking or Swelling Clay Ground Stability Hazards British Geological Survey - National Geoscience Information Service	January 2019	As notified
Radon Potential - Radon Affected Areas British Geological Survey - National Geoscience Information Service	July 2011	Annually
		+



Industrial Land Use	Version	Update Cycle
Contemporary Trade Directory Entries Thomson Directories	April 2022	Quarterly
Fuel Station Entries Catalist Ltd - Experian	June 2022	Quarterly
Gas Pipelines National Grid	October 2021	Bi-Annually
Underground Electrical Cables National Grid	May 2021	Bi-Annually
Sensitive Land Use	Version	Update Cycle
Ancient Woodland Natural England	February 2021	Bi-Annually
Areas of Adopted Green Belt West Lindsey District Council	October 2020	Quarterly
Areas of Unadopted Green Belt West Lindsey District Council	October 2020	Quarterly
Areas of Outstanding Natural Beauty Natural England	January 2021	Bi-Annually
Environmentally Sensitive Areas Natural England	January 2017	
Forest Parks Forestry Commission	April 1997	Not Applicable
Local Nature Reserves Natural England	February 2021	Bi-Annually
Marine Nature Reserves Natural England	July 2019	Bi-Annually
National Nature Reserves Natural England	January 2021	Bi-Annually
National Parks Natural England	February 2018	Bi-Annually
Nitrate Sensitive Areas Natural England	April 2016	Not Applicable
Nitrate Vulnerable Zones Department for Environment, Food and Rural Affairs (DEFRA - formerly FRCA) Environment Agency - Head Office	April 2016 June 2017	Bi-Annually
Ramsar Sites Natural England	August 2020	Bi-Annually
Sites of Special Scientific Interest Natural England	February 2021	Bi-Annually
Special Areas of Conservation Natural England	July 2020	Bi-Annually
Special Protection Areas Natural England	February 2021	Bi-Annually

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### **Data Suppliers**

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A selection of organisations who provide data within this report

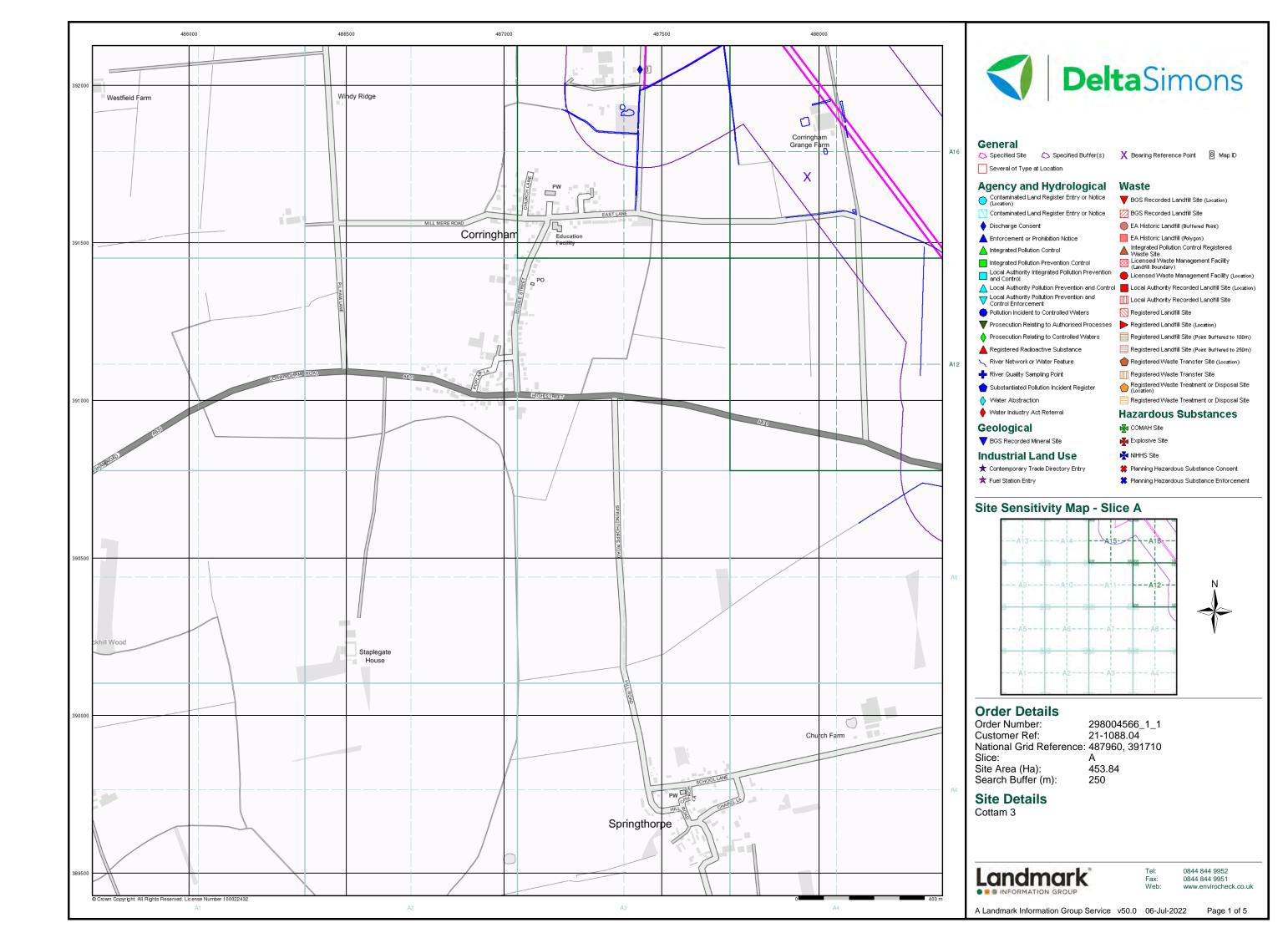
Data Supplier	Data Supplier Logo
Ordnance Survey	Mop data
Environment Agency	Environment
Scottish Environment Protection Agency	SEPA
The Coal Authority	The Coal Authority
British Geological Survey	British Geological Survey NATURAL ENVIRONMENT RESEARCH COUNCIL
Centre for Ecology and Hydrology	Centre for Ecology & Hydrology NATURAL ENVIRONMENT RESEARCH COUNCIL
Natural Resources Wales	Cyloeth Naturiol Cymru Natural Resources Wales
Scottish Natural Heritage	SCOTTISH NATURAL HERITAGE 谜살기
Natural England	NATURAL ENGLAND
Public Health England	Public Health England
Ove Arup	ARUP
Stantec UK Ltd	<b>Stantec</b>

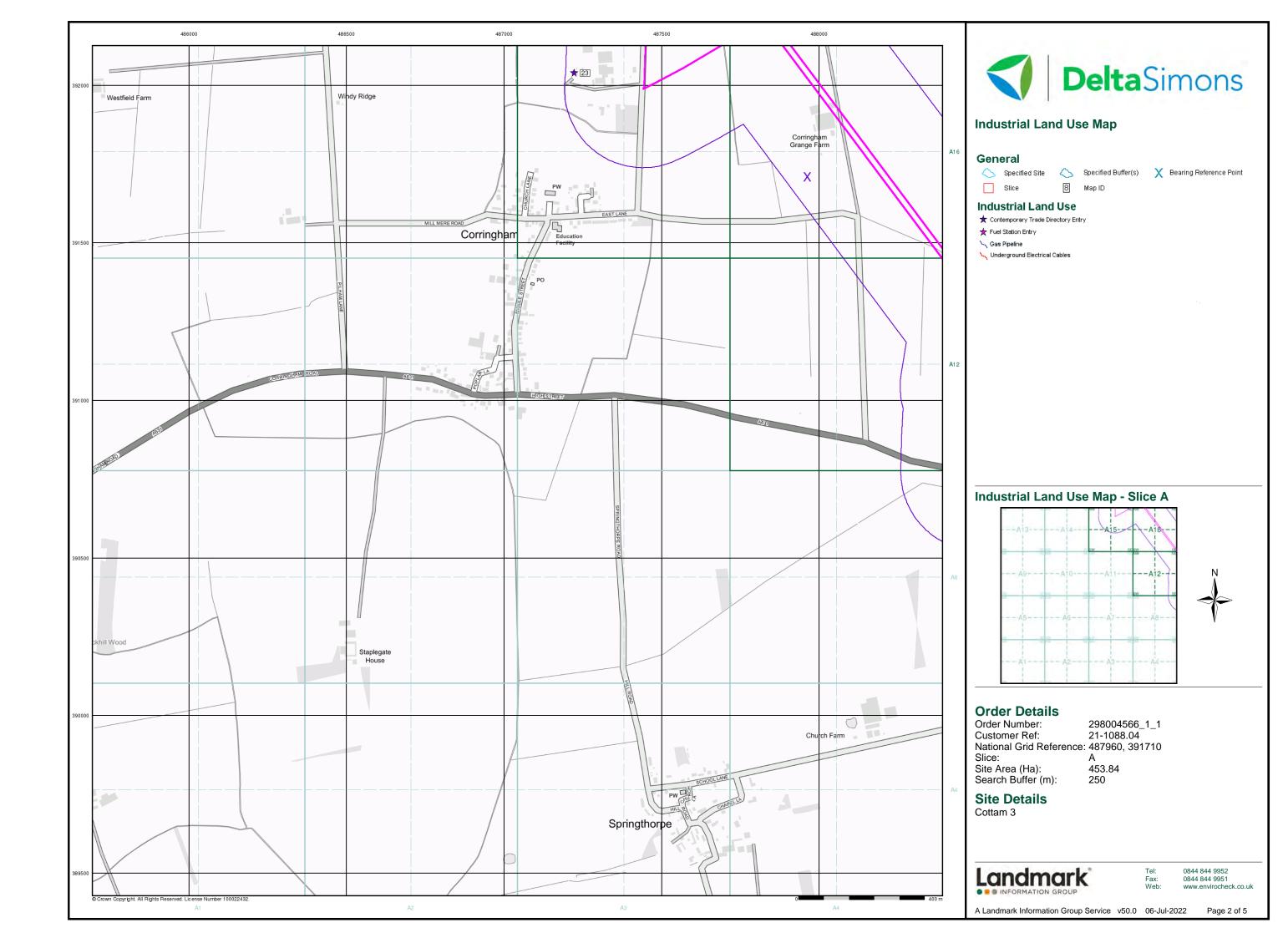


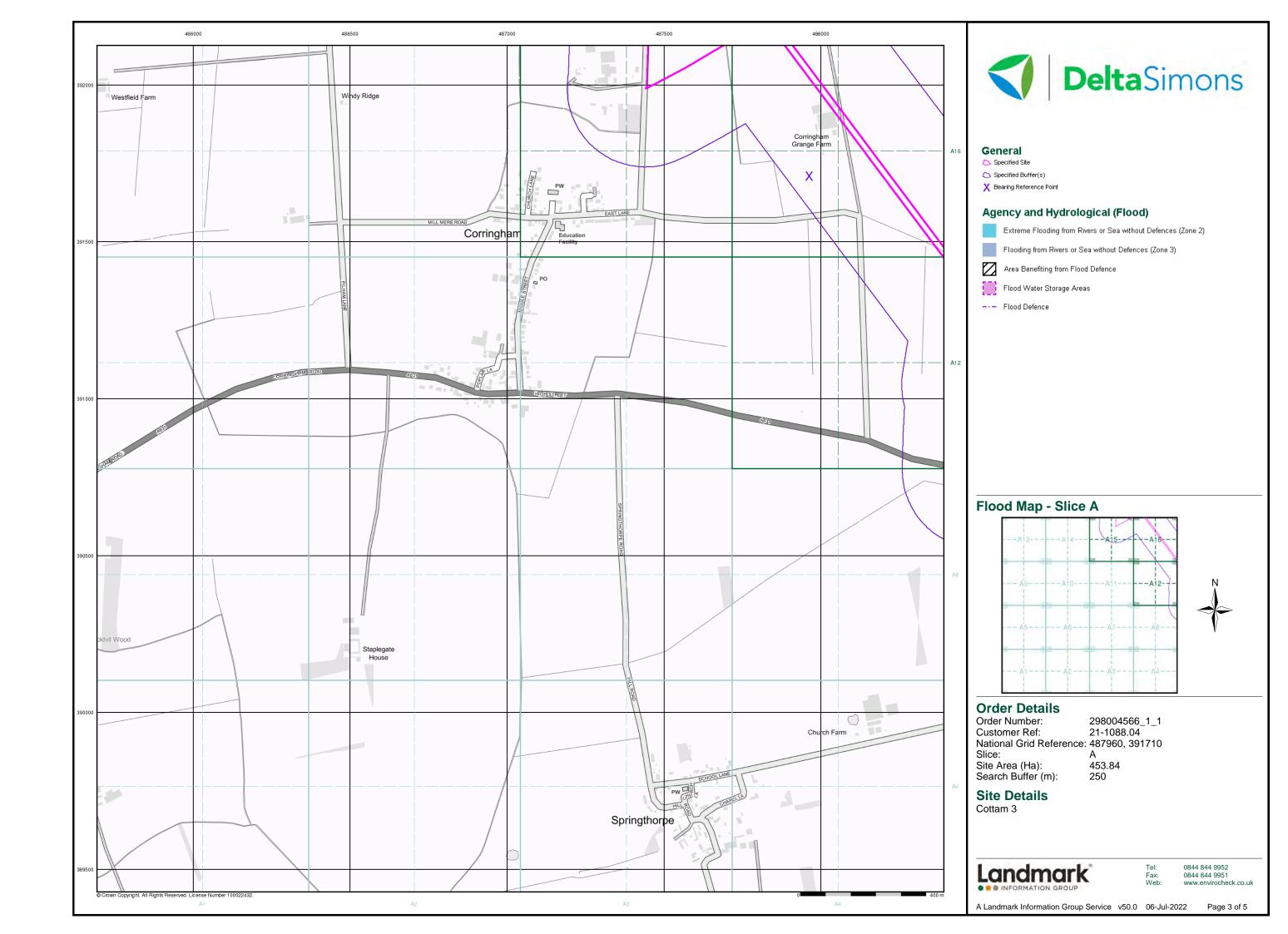
### **Useful Contacts**

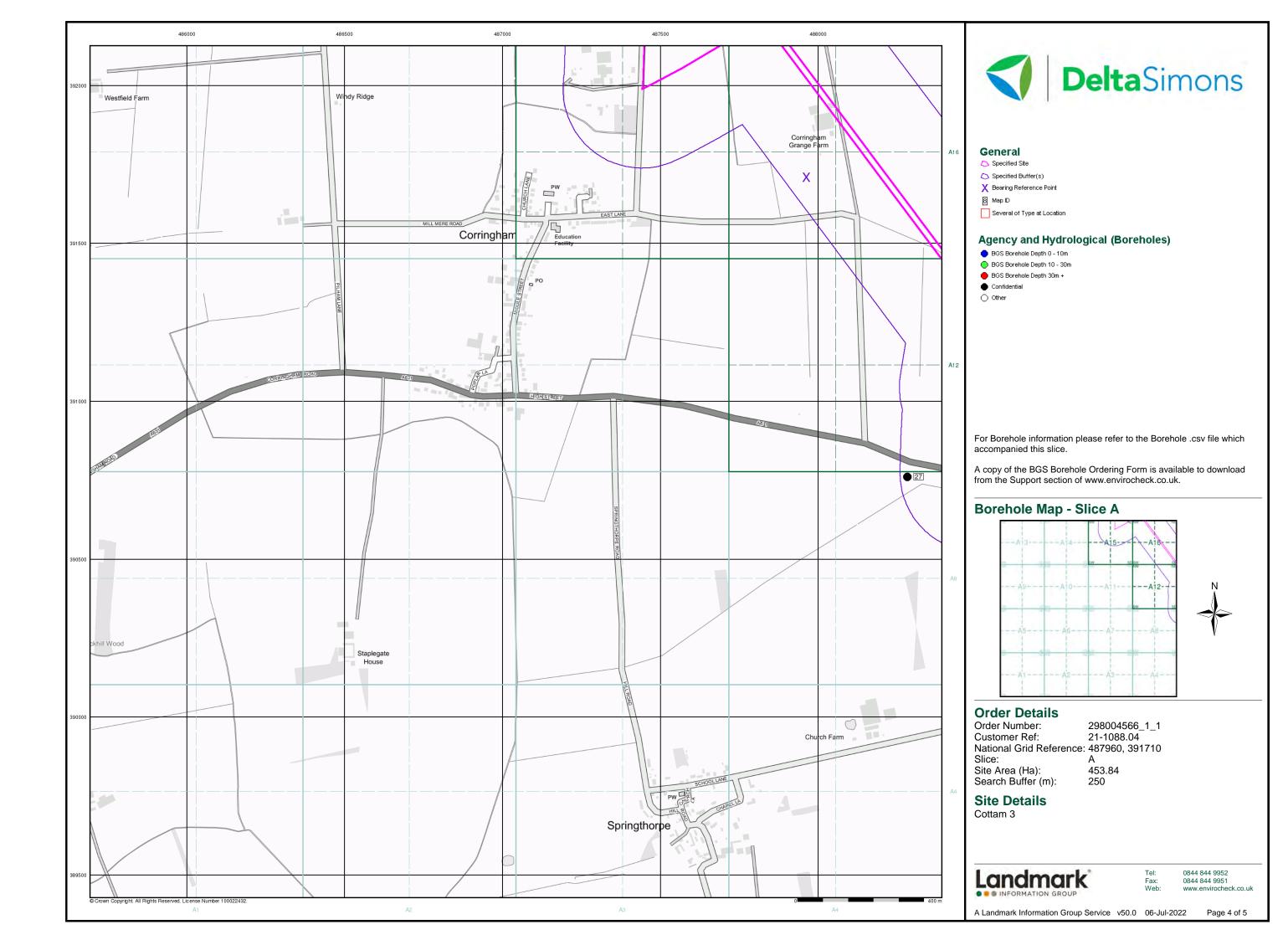
Contact	Name and Address	Contact Details
1	British Geological Survey - Enquiry Service  British Geological Survey, Environmental Science Centre, Keyworth, Nottingham, Nottinghamshire, NG12 5GG	Telephone: 0115 936 3143 Fax: 0115 936 3276 Email: enquiries@bgs.ac.uk Website: www.bgs.ac.uk
2	Environment Agency - National Customer Contact Centre (NCCC) PO Box 544, Templeborough, Rotherham, S60 1BY	Telephone: 03708 506 506 Email: enquiries@environment-agency.gov.uk
3	Environment Agency - Head Office  Rio House, Waterside Drive, Aztec West, Almondsbury, Bristol, Avon, BS32 4UD	Telephone: 01454 624400 Fax: 01454 624409
4	Ordnance Survey Adanac Drive, Southampton, Hampshire, SO16 0AS	Telephone: 03456 05 05 05 Email: customerservices@ordnancesurvey.co.uk Website: www.ordnancesurvey.gov.uk
5	West Lindsey District Council - Environmental Health Department  The Guildhall, Caskgate Street, Gainsborough, Lincolnshire, DN21 2DH	Telephone: 01427 676676 Fax: 01427 810623 Website: www.west-lindsey.gov.uk
6	Lincolnshire County Council 4th Floor, City Hall, Lincoln, Lincolnshire, LN1 1DN	Telephone: 01522 552222 Fax: 01522 552288 Email: PublicRelations@lincolnshire.gov.uk Website: www.lincolnshire.gov.uk
7	Natural England County Hall, Spetchley Road, Worcester, WR5 2NP	Telephone: 0300 060 3900 Email: enquiries@naturalengland.org.uk Website: www.naturalengland.org.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

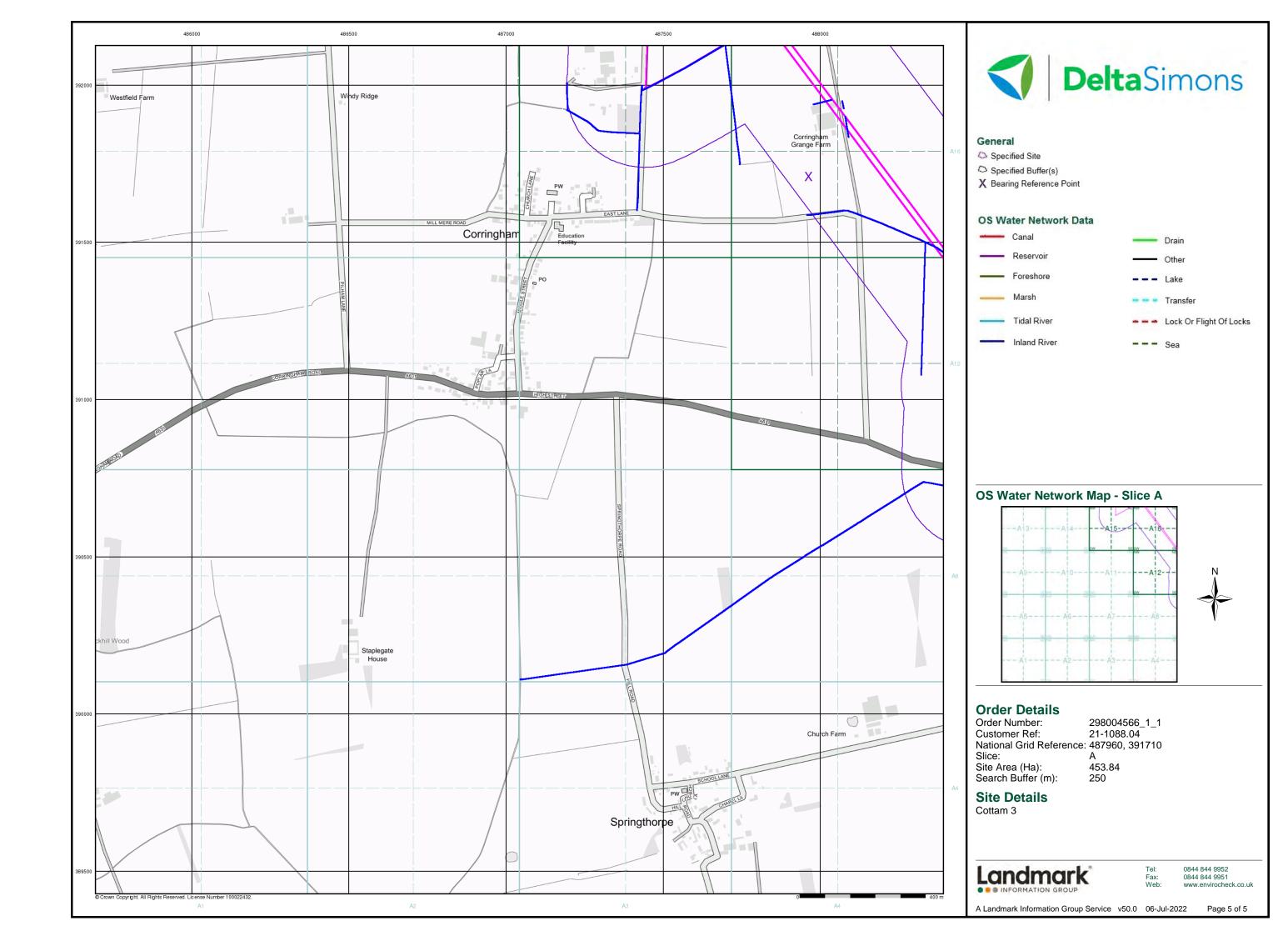
 ${\sf Please\ note\ that\ the\ Environment\ Agency\ /\ Natural\ Resources\ Wales\ /\ SEPA\ have\ a\ charging\ policy\ in\ place\ for\ enquiries.}$ 

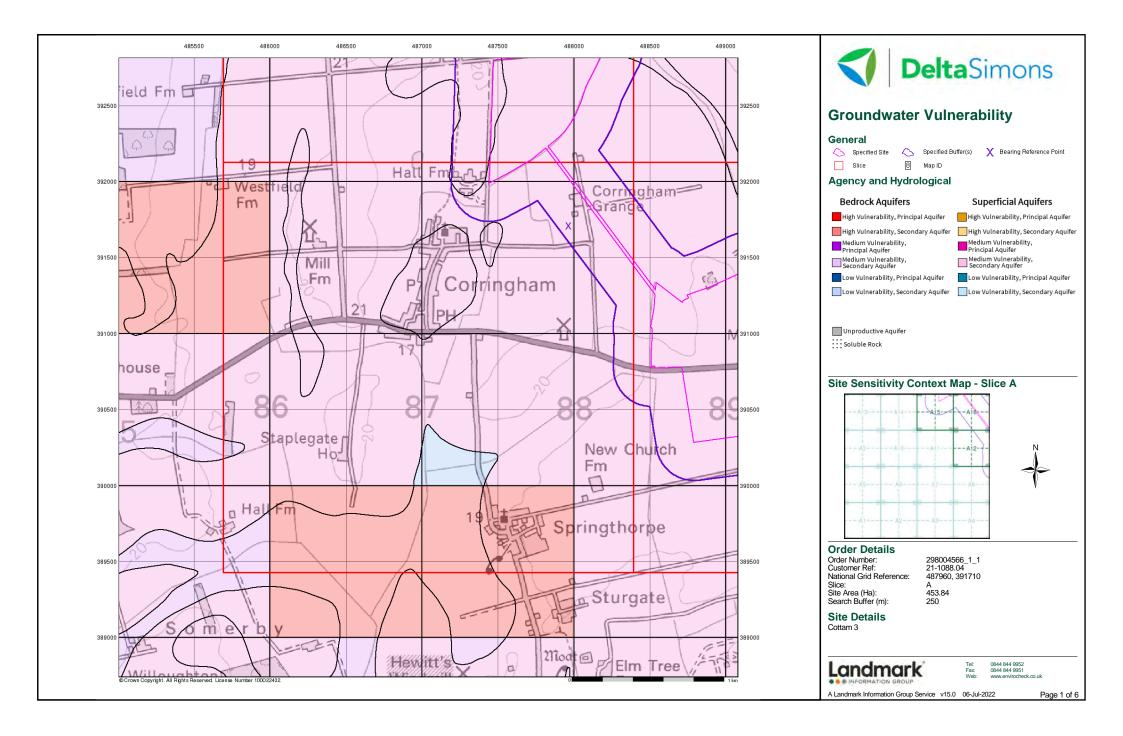


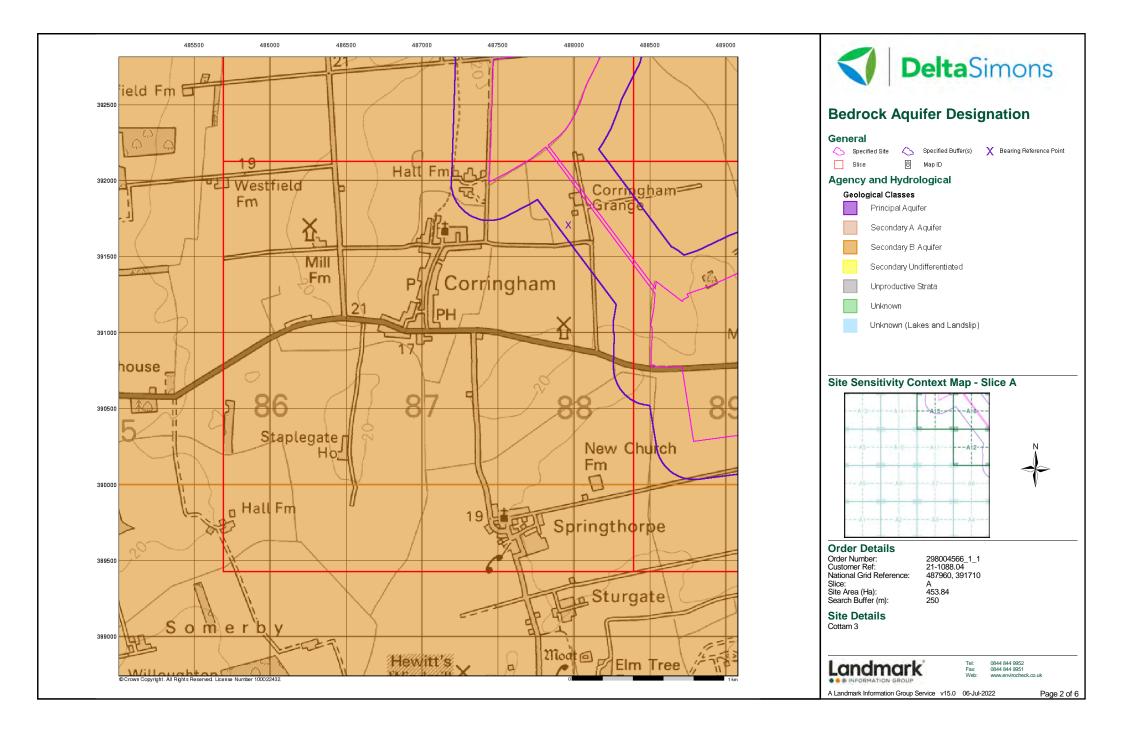


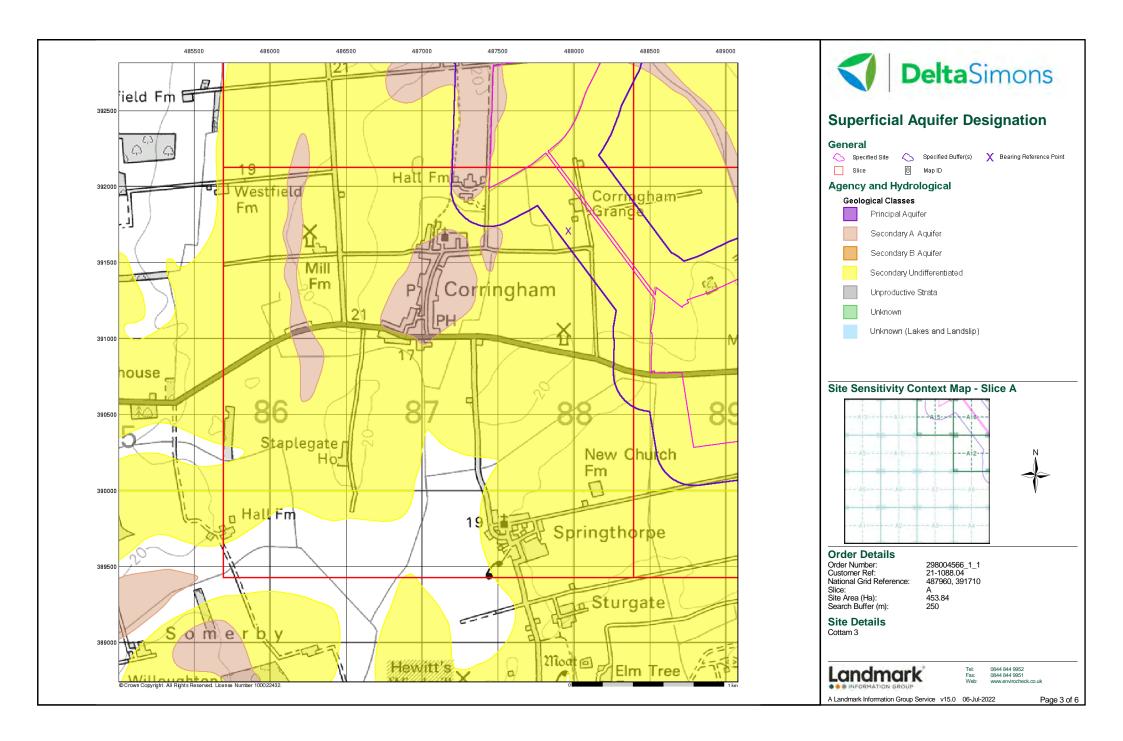


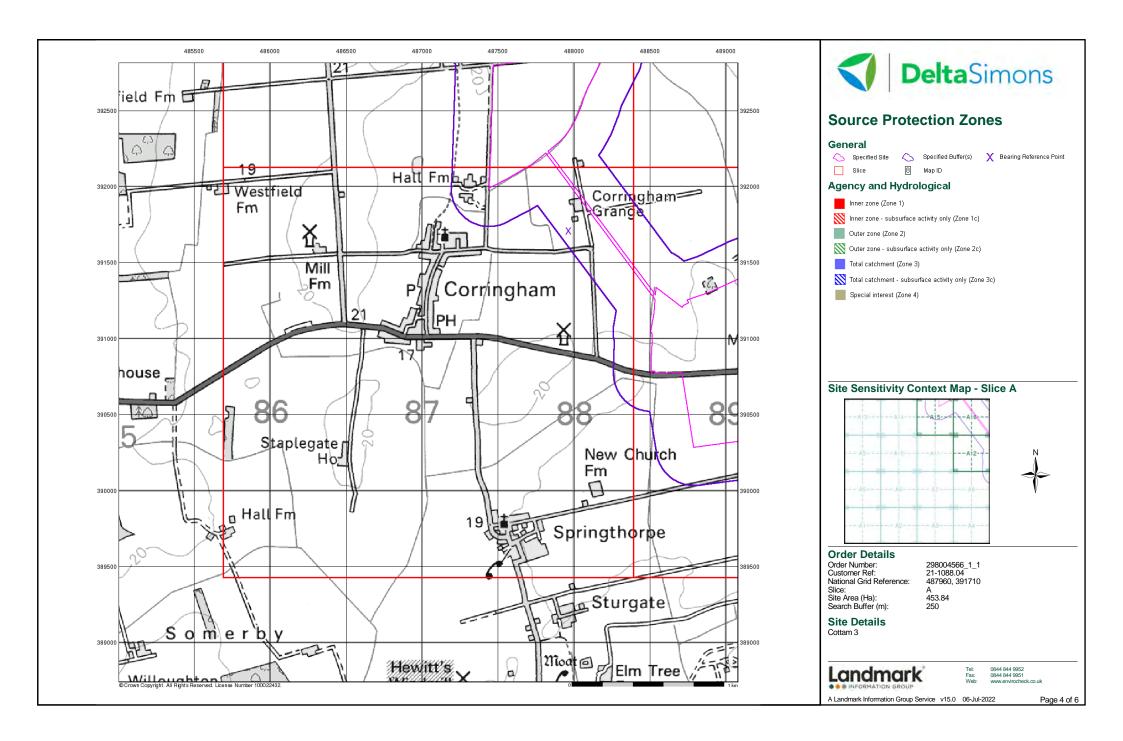


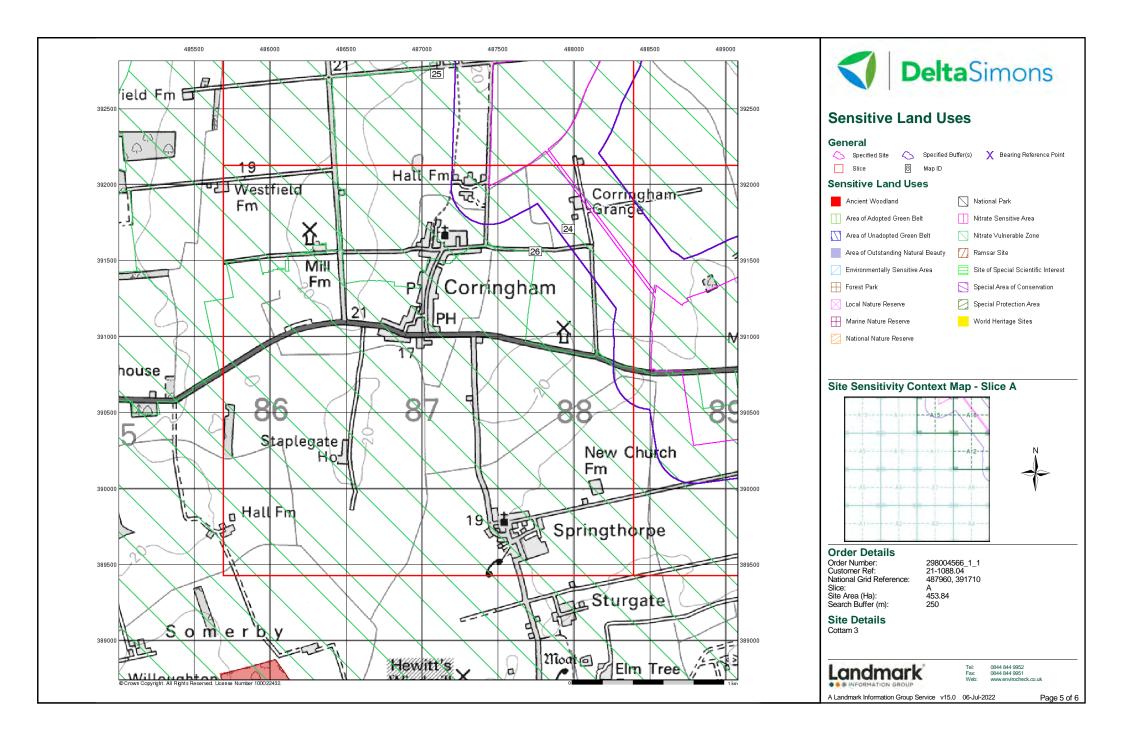


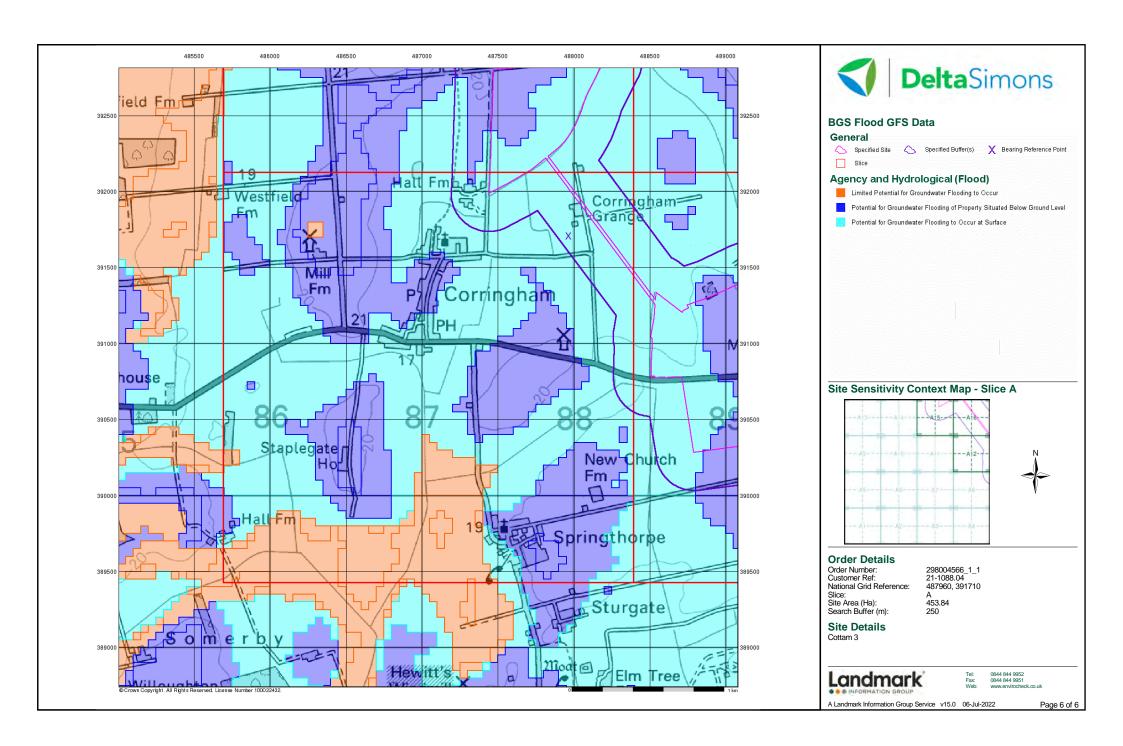














# **Envirocheck® Report:**

### **Datasheet**

### **Order Details:**

**Order Number:** 

298004566\_1\_1

**Customer Reference:** 

21-1088.04

**National Grid Reference:** 

489000, 390850

Slice:

В

Site Area (Ha):

453.84

Search Buffer (m):

250

### **Site Details:**

Cottam 3

### **Client Details:**

Ms M Booth Delta Simons Suite 4A One Portland Street Manchester M1 3BE







Report Section	Page Number
Summary	-
Agency & Hydrological	1
Waste	5
Hazardous Substances	-
Geological	6
Industrial Land Use	-
Sensitive Land Use	7
Data Currency	8
Data Suppliers	12
Useful Contacts	13

#### 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 (*up to 500m)
Agency & Hydrological			
BGS Groundwater Flooding Susceptibility	pg 1	Yes	Yes
Contaminated Land Register Entries and Notices			
Discharge Consents			
Prosecutions Relating to Controlled Waters			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 1	Yes	
Pollution Incidents to Controlled Waters			
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			
Water Industry Act Referrals			
Groundwater Vulnerability Map	pg 1	Yes	n/a
Groundwater Vulnerability - Soluble Rock Risk			n/a
Bedrock Aquifer Designations	pg 2	Yes	n/a
Superficial Aquifer Designations	pg 2	Yes	n/a
Source Protection Zones			
Extreme Flooding from Rivers or Sea without Defences			
Flooding from Rivers or Sea without Defences			
Areas Benefiting from Flood Defences			
Flood Water Storage Areas			
Flood Defences			
OS Water Network Lines	pg 3	9	5





Data Type	Page Number	On Site	0 to 250m (*up to 500m)
Waste			
BGS Recorded Landfill Sites			
Historical Landfill Sites			
Integrated Pollution Control Registered Waste Sites			
Licensed Waste Management Facilities (Landfill Boundaries)			
Licensed Waste Management Facilities (Locations)			
Local Authority Landfill Coverage	pg 5	2	n/a
Local Authority Recorded Landfill Sites			
Registered Landfill Sites			
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 6	Yes	n/a
BGS Recorded Mineral Sites			
CBSCB Compensation District			n/a
Coal Mining Affected Areas			n/a
Mining Instability			n/a
Man-Made Mining Cavities			
Natural Cavities			
Non Coal Mining Areas of Great Britain			
Potential for Collapsible Ground Stability Hazards	pg 6	Yes	
Potential for Compressible Ground Stability Hazards			
Potential for Ground Dissolution Stability Hazards			
Potential for Landslide Ground Stability Hazards	pg 6	Yes	
Potential for Running Sand Ground Stability Hazards	pg 6	Yes	
Potential for Shrinking or Swelling Clay Ground Stability Hazards	pg 6	Yes	
Radon Potential - Radon Affected Areas			n/a
Radon Potential - Radon Protection Measures			n/a



### **Summary**

Data Type	Page Number	On Site	0 to 250m (*up to 500m)
Industrial Land Use			
Contemporary Trade Directory Entries			
Fuel Station Entries			
Gas Pipelines			
Underground Electrical Cables			
Sensitive Land Use			
Ancient Woodland			
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 7	2	
Ramsar Sites			
Sites of Special Scientific Interest			
Special Areas of Conservation			
Special Protection Areas			
World Heritage Sites			



# **Agency & Hydrological**

Page 1 of 13

Map ID		Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	BGS Groundwater Flooding Type:	Flooding Susceptibility  Potential for Groundwater Flooding of Property Situated Below Ground Level	(W)	0	1	487250
	BGS Groundwater	Flooding Susceptibility				391450
	Flooding Type:	Potential for Groundwater Flooding of Property Situated Below Ground Level	B10SW (E)	0	1	489200 390851
	<b>BGS Groundwater</b>	Flooding Susceptibility				
	Flooding Type:	Potential for Groundwater Flooding of Property Situated Below Ground Level	B9SE (N)	0	1	489001 390851
	BGS Groundwater	Flooding Susceptibility				
	Flooding Type:	Potential for Groundwater Flooding to Occur at Surface	B9SE (SW)	0	1	488950 390800
	BGS Groundwater	Flooding Susceptibility	(- )			
	Flooding Type:	Limited Potential for Groundwater Flooding to Occur	B6NE (SE)	15	1	489450 390450
	Nearest Surface Wa	ater Feature	(32)			230.00
			B9SW (W)	0	-	488509 391039
	Groundwater Vulne	erability Map	(**)			231000
	Combined Classification: Combined	Secondary Superficial Aquifer - Medium Vulnerability  Medium	B9SE (W)	0	2	489000 390851
	Vulnerability: Combined Aquifer: Pollutant Speed:	Productive Bedrock Aquifer, Productive Superficial Aquifer Low				
	Bedrock Flow:	Well Connected Fractures				
	Baseflow Index:	<300 mm/year 40-70%				
	Superficial Patchiness:	>90%				
	Superficial	3-10m				
	Thickness: Superficial	Low				
	Recharge:  Groundwater Vulne	orability Man				
	Combined	Secondary Superficial Aquifer - Medium Vulnerability	B9SE	0	2	489001
	Classification:		(N)		_	390851
	Combined Vulnerability:	Medium				
	Combined Aquifer:	Productive Bedrock Aquifer, Productive Superficial Aquifer				
	Pollutant Speed: Bedrock Flow:	Low Well Connected Fractures				
	Dilution: Baseflow Index:	<300 mm/year				
	Superficial	40-70% >90%				
	Patchiness: Superficial	3-10m				
	Thickness:					
	Superficial Recharge:	Low				
	Groundwater Vulne	erability Map				
	Combined Classification:	Secondary Superficial Aquifer - Medium Vulnerability	B13NE	0	2	489000
	Combined	Medium	(N)			392000
	Vulnerability: Combined Aquifer:	Productive Bedrock Aquifer, Productive Superficial Aquifer				
	Pollutant Speed: Bedrock Flow:	Low Well Connected Fractures				
	Dilution:	<300 mm/year				
	Baseflow Index: Superficial	40-70% >90%				
	Patchiness:					
	Superficial Thickness:	3-10m				
	Superficial	Low				1



Order Number: 298004566\_1\_1

# **Agency & Hydrological**

Page 2 of 13

Classification: Combined Combi	ap D	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR	
Classification: Combined Combi	Groundwater	Vulnerability Map					
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Combined Secondary Superficial Aquifer - Medium Vulnerability Classification: Combined Medium Vulnerability: Combined Aquifer: Productive Bedrock Aquifer, Productive Superficial Aquifer Pollutant Speed: Bedrock Flow: Well Connected Fractures Dilution: <300 mm/year Baseflow Index: 40-70% Patchiness: Superficial 3-10m Thickness: Superficial Secondary Superficial Aquifer - Medium Vulnerability Recharge:  Groundwater Vulnerability: Combined Aquifer: Productive Bedrock Aquifer, Productive Superficial Aquifer Pollutant Speed: Low Recharge:  Groundwater Vulnerability: Combined Medium Vulnerability: Combined Aquifer: Productive Superficial Aquifer Pollutant Speed: Low Recharge: Low Redock Aquifer Productive Bedrock Aquifer, Productive Superficial Aquifer Pollutant Speed: Low Redock Flow: Well Connected Fractures Dilution: 300 mm/year Baseflow Index: 40-70% Superficial 3-10m Thickness: Superficial 3-10m Superficial Secondary Aquifer - B Redock Aquifer Designations Aquifer Designations: Secondary Aquifer - B Redock Aquifer Designations Aquifer Designations: Secondary Aquifer - Undifferentiated  Extreme Flooding from Rivers or Sea without Defences							
Classification: Combined Medium Vulnerability: Combined Aguifier: Productive Bedrock Aquifer, Productive Superficial Aquifer Pollutan Speed: Low Basfock Flow: Well Connected Fractures Dilution:	Groundwater	Vulnerability Map					
Combined Aquifer: Productive Bedrock Aquifer, Productive Superficial Aquifer Pollutant Speed: Low Bedrock Flow: Well Connected Fractures Dilution: 430 mm/year Baseflow Index: 40-70% Superficial >90% Patchiness: Superficial Superficial Low Recharge: Superficial Low Recharge: Superficial	Combined	Secondary Superficial Aquifer - Medium Vulnerability	B9SE	0	2	489000	
Vulnerability:   Combined Aquifer:   Productive Bedrock Aquifer, Productive Superficial Aquifer   Pollutant Speed:   Low   Bedrock Flow:   Well Connected Fractures   Superficial   Low   Recharge:   Superficial   Low   Recharge:   Superficial   Superfic			(N)			391000	
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Pollutant Speed:		ifer: Productive Bedrock Aquifer Productive Superficial Aquifer					
Dilution:	Pollutant Spee	d: Low					
Baseflow Index: 40-70% Superficial >90% Patchiness: Superficial 1. Low Recharge:  Groundwater Vulnerability Map Combined Secondary Superficial Aquifer - Medium Vulnerability Classification: Combined Medium Vulnerability: Combined Aquifer: Productive Bedrock Aquifer, Productive Superficial Aquifer Pollutant Speed: Low Bedrock Flow: Well Connected Fractures Dilution: <300 mm/year Baseflow Index: 40-70% Superficial >90% Patchiness: Superficial 3-10m Thickness: Superficial Low Recharge:  Groundwater Vulnerability - Soluble Rock Risk None  Bedrock Aquifer Designations Aquifer Designation: Secondary Aquifer - B Superficial Aquifer Designations Aquifer Designation: Secondary Aquifer - Undifferentiated BSSE 0 2 48900 Superficial Rouse BSSE 0 2 48900 Superfi							
Superficial >90% Patchiness: Superficial 3-10m Thickness: Superficial Low Recharge:  Groundwater Vulnerability Map Combined Secondary Superficial Aquifer - Medium Vulnerability Combined Medium Vulnerability: Combined Aquifer: Productive Bedrock Aquifer, Productive Superficial Aquifer Pollutant Speed: Low Bedrock Flow: Well Connected Fractures Dilution: <300 mm/year Baseflow Index: 40-70% Patchiness: Superficial >90% Patchiness: Superficial Jow Recharge:  Groundwater Vulnerability - Soluble Rock Risk None  Bedrock Aquifer Designations Aquifer Designation: Secondary Aquifer - B Superficial Aquifer Designation: Superficial Aquifer Designations Aquifer Designation: Secondary Aquifer - Undifferentiated Extreme Flooding from Rivers or Sea without Defences							
Superficial 3-10m Thickness: Superficial Low Recharge:  Groundwater Vulnerability Map Combined Secondary Superficial Aquifer - Medium Vulnerability Classification: Combined Medium Vulnerability: Combined Aquifer: Productive Bedrock Aquifer, Productive Superficial Aquifer Pollutant Speed: Low Bedrock Flow: Well Connected Fractures Dilution: <300 mm/year Baseflow Index: 40-70% Superficial >90% Patchiness: Superficial 3-10m Thickness: Superficial I.ow Recharge:  Groundwater Vulnerability - Soluble Rock Risk None  Bedrock Aquifer Designations Aquifer Designation: Secondary Aquifer - B  Superficial Aquifer Designation: Secondary Aquifer - Undifferentiated  B9SE 0 2 48900 39085  Extreme Flooding from Rivers or Sea without Defences							
Thickness: Superficial Low Recharge:  Groundwater Vulnerability Map Combined Secondary Superficial Aquifer - Medium Vulnerability Classification: Combined Medium Vulnerability: Combined Aquifer: Productive Bedrock Aquifer, Productive Superficial Aquifer Pollutant Speed: Bedrock Flow: Productive Bedrock Aquifer, Productive Superficial Aquifer Pollutant Speed: Dilution: 300 mm/year Baseflow Index: 40-70% Superficial 3-90% Patchiness: Superficial Superficial Low Recharge:  Groundwater Vulnerability - Soluble Rock Risk None  Bedrock Aquifer Designations Aquifer Designation: Secondary Aquifer - B  Superficial Aquifer Designations Aquifer Designation: Superficial Secondary Aquifer - Undifferentiated  Byse Color Speed Color							
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Recharge:  Groundwater Vulnerability Map Combined Secondary Superficial Aquifer - Medium Vulnerability Classification: Combined Medium Vulnerability: Combined Aquifer: Productive Bedrock Aquifer, Productive Superficial Aquifer Pollutant Speed: Bedrock Flow: Well Connected Fractures Dilution: Superficial Superficial Superficial Superficial Superficial Complement Superficial Aquifer Designations Aquifer Designation: Superficial Superficial Aquifer - Undifferentiated Superficial Super		Low					
Combined Secondary Superficial Aquifer - Medium Vulnerability (N)  Classification: Combined Medium  Vulnerability: Combined Aquifer: Productive Bedrock Aquifer, Productive Superficial Aquifer Pollutant Speed: Low Bedrock Flow: Well Connected Fractures Dilution: <300 mm/year Baseflow Index: 40-70% Superficial >90% Patchiness: Superficial 3-10m Thickness: Superficial Low Recharge:  Groundwater Vulnerability - Soluble Rock Risk None  Bedrock Aquifer Designations Aquifer Designation: Secondary Aquifer - B  Superficial Aquifer Designations Aquifer Designation: Secondary Aquifer - Undifferentiated  BSSE 0 2 48906 (N)  Superficial Aquifer Designations Aquifer Designation: Secondary Aquifer - Undifferentiated  BSSE 0 2 48906 (N)  Superficial Aquifer Designations Aquifer Designation: Secondary Aquifer - Undifferentiated  BSSE 0 2 48906 (N)  Superficial Aquifer Designations Aquifer Designation: Secondary Aquifer - Undifferentiated  BSSE 0 2 48906 (N)  Superficial Aquifer Designations Aquifer Designation: Secondary Aquifer - Undifferentiated							
Classification: Combined Medium Vulnerability: Combined Aquifer: Productive Bedrock Aquifer, Productive Superficial Aquifer Pollutant Speed: Low Bedrock Flow: Well Connected Fractures Dilution: <300 mm/year Baseflow Index: 40-70% Superficial >90% Patchiness: Superficial 3-10m Thickness: Superficial Low Recharge:  Groundwater Vulnerability - Soluble Rock Risk None  Bedrock Aquifer Designations Aquifer Designation: Secondary Aquifer - B  Superficial Aquifer Designation: Secondary Aquifer - Undifferentiated  Base Flooding from Rivers or Sea without Defences	Groundwater	Vulnerability Map					
Combined Medium Vulnerability: Combined Aquifer: Productive Bedrock Aquifer, Productive Superficial Aquifer Pollutant Speed: Low Bedrock Flow: Well Connected Fractures Dilution: <300 mm/year Baseflow Index: 40-70% Superficial >90% Patchiness: Superficial 3-10m Thickness: Superficial Low Recharge:  Groundwater Vulnerability - Soluble Rock Risk None  Bedrock Aquifer Designations Aquifer Designation: Secondary Aquifer - B Superficial Aquifer Designations Aquifer Designation: Secondary Aquifer - Undifferentiated BSSE 0 2 48906 39085  Extreme Flooding from Rivers or Sea without Defences	Combined			0	2	48900	
Vulnerability: Combined Aquifer: Productive Bedrock Aquifer, Productive Superficial Aquifer Pollutant Speed: Low Bedrock Flow: Well Connected Fractures Dilution: <300 mm/year Baseflow Index: 40-70% Superficial >90% Patchiness: Superficial I. Low Recharge:  Groundwater Vulnerability - Soluble Rock Risk None  Bedrock Aquifer Designations Aquifer Designation: Secondary Aquifer - B Superficial Aquifer Designation: Secondary Aquifer - Undifferentiated B9SE 0 2 48900 (N) 39085  Extreme Flooding from Rivers or Sea without Defences			(N)			39100	
Combined Áquifer: Productive Bedrock Aquifer, Productive Superficial Aquifer Pollutant Speed: Low Bedrock Flow: Well Connected Fractures Dilution: <300 mm/year Baseflow Index: 40-70% Superficial >90% Patchiness: Superficial 3-10m Thickness: Superficial Low Recharge:  Groundwater Vulnerability - Soluble Rock Risk None  Bedrock Aquifer Designations Aquifer Designation: Secondary Aquifer - B  Superficial Aquifer Designation: Secondary Aquifer - Undifferentiated  B9SE 0 2 48900 (N) 39085  Extreme Flooding from Rivers or Sea without Defences		weaium					
Pollutant Speed: Low Bedrock Flow: Well Connected Fractures Dilution: <300 mm/year Baseflow Index: 40-70% Superficial >90% Patchiness: Superficial 3-10m Thickness: Superficial Low Recharge:  Groundwater Vulnerability - Soluble Rock Risk None  Bedrock Aquifer Designations Aquifer Designation: Secondary Aquifer - B  Superficial Aquifer Designations Aquifer Designation: Secondary Aquifer - Undifferentiated  B9SE 0 2 48900 39085  Extreme Flooding from Rivers or Sea without Defences		ifer: Productive Bedrock Aquifer. Productive Superficial Aquifer					
Dilution: <300 mm/year Baseflow Index: 40-70% Superficial >90% Patchiness: Superficial 3-10m Thickness: Superficial Low Recharge:  Groundwater Vulnerability - Soluble Rock Risk None  Bedrock Aquifer Designations Aquifer Designation: Secondary Aquifer - B  Superficial Aquifer Designations Aquifer Designation: Secondary Aquifer - Undifferentiated  Extreme Flooding from Rivers or Sea without Defences	Pollutant Spee	d: Low					
Baseflow Index: 40-70% Superficial >90% Patchiness: Superficial 3-10m Thickness: Superficial Low Recharge:  Groundwater Vulnerability - Soluble Rock Risk None  Bedrock Aquifer Designations Aquifer Designation: Secondary Aquifer - B Superficial Aquifer Designations Aquifer Designation: Secondary Aquifer - Undifferentiated B9SE 0 2 48900 (N) 39085  Extreme Flooding from Rivers or Sea without Defences							
Superficial >90% Patchiness: Superficial 3-10m Thickness: Superficial Low Recharge:  Groundwater Vulnerability - Soluble Rock Risk None  Bedrock Aquifer Designations Aquifer Designation: Secondary Aquifer - B  Superficial Aquifer Designations Aquifer Designation: Secondary Aquifer - Undifferentiated  Extreme Flooding from Rivers or Sea without Defences							
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Thickness: Superficial Low Recharge:  Groundwater Vulnerability - Soluble Rock Risk None  Bedrock Aquifer Designations Aquifer Designation: Secondary Aquifer - B  Superficial Aquifer Designations Aquifer Designation: Secondary Aquifer - Undifferentiated  Extreme Flooding from Rivers or Sea without Defences	Patchiness:						
Superficial Low Recharge:  Groundwater Vulnerability - Soluble Rock Risk None  Bedrock Aquifer Designations Aquifer Designation: Secondary Aquifer - B  Superficial Aquifer Designations Aquifer Designation: Secondary Aquifer - Undifferentiated  Extreme Flooding from Rivers or Sea without Defences		3-10m					
Recharge:  Groundwater Vulnerability - Soluble Rock Risk None  Bedrock Aquifer Designations Aquifer Designation: Secondary Aquifer - B  Superficial Aquifer Designations Aquifer Designation: Secondary Aquifer - Undifferentiated  Besse 0 2 48900 39085  Superficial Aquifer Designation: Secondary Aquifer - Undifferentiated  Besse 0 2 48900 39085  Extreme Flooding from Rivers or Sea without Defences		Low					
None  Bedrock Aquifer Designations Aquifer Designation: Secondary Aquifer - B  Superficial Aquifer Designations Aquifer Designations Aquifer Designation: Secondary Aquifer - Undifferentiated  B9SE 0 2 48900 (N) 39085  Extreme Flooding from Rivers or Sea without Defences		-5"					
None  Bedrock Aquifer Designations Aquifer Designation: Secondary Aquifer - B  Superficial Aquifer Designations Aquifer Designations Aquifer Designation: Secondary Aquifer - Undifferentiated  B9SE 0 2 48900 (N) 39085  Extreme Flooding from Rivers or Sea without Defences	Groundwater	Vulnerability - Soluble Rock Risk					
Aquifer Designation: Secondary Aquifer - B  B9SE (N)  Superficial Aquifer Designations  Aquifer Designation: Secondary Aquifer - Undifferentiated  B9SE 0 2 48900 (N)  Extreme Flooding from Rivers or Sea without Defences		-					
Aquifer Designation: Secondary Aquifer - B  B9SE (N)  Superficial Aquifer Designations  Aquifer Designation: Secondary Aquifer - Undifferentiated  B9SE 0 2 48900 (N)  Extreme Flooding from Rivers or Sea without Defences	Bedrock Aqui	er Designations					
Superficial Aquifer Designations Aquifer Designation: Secondary Aquifer - Undifferentiated  B9SE 0 2 48900 (N) 39085  Extreme Flooding from Rivers or Sea without Defences		-		0	2	48900	
Aquifer Designation: Secondary Aquifer - Undifferentiated  B9SE 0 2 48900 (N) 39085  Extreme Flooding from Rivers or Sea without Defences	0	uifee Designations	(N)			39085	
Extreme Flooding from Rivers or Sea without Defences	-		5005		_	40000	
Extreme Flooding from Rivers or Sea without Defences	Aquiter Design	ation: Secondary Aquirer - Undifferentiated		0	2	48900 39085	
	Extreme Floo	ling from Rivers or Sea without Defences	()			11000	
INONE	None						



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Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	Flooding from Rivers or Sea without Defences None				
	Areas Benefiting from Flood Defences None				
	Flood Water Storage Areas None				
	Flood Defences None				
1	OS Water Network Lines  Watercourse Form: Inland river Watercourse Length: 568.2 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Trent Primacy: 1	B9SW (W)	0	3	488514 390864
2	OS Water Network Lines  Watercourse Form: Inland river Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Primacy: 1	B9SE (W)	0	3	488751 390851
3	OS Water Network Lines  Watercourse Form: Inland river Watercourse Length: 343.1 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Primacy: 1	B9SE (W)	0	3	488931 390848
4	OS Water Network Lines  Watercourse Form: Inland river Watercourse Length: 182.1 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Trent Primacy: 1	B9NE (N)	0	3	488916 391125
5	OS Water Network Lines  Watercourse Form: Inland river Watercourse Length: 1.7 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Trent Primacy: 1	B9NE (NW)	0	3	488746 391184
6	OS Water Network Lines  Watercourse Form: Inland river Watercourse Length: 37.3 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Trent Primacy: 1	B9NE (NW)	0	3	488746 391186
7	OS Water Network Lines  Watercourse Form: Inland river Watercourse Length: 216.2 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Trent Primacy: 1	B9NW (NW)	0	3	488714 391205
8	OS Water Network Lines  Watercourse Form: Inland river Watercourse Length: 2.3 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Trent Primacy: 1	B9NW (NW)	0	3	488542 391333



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Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
9	OS Water Network Lines  Watercourse Form: Inland river Watercourse Length: 277.3  Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Trent Primacy: 1	B9NW (NW)	0	3	488542 391336
	OS Water Network Lines				
10	Watercourse Form: Inland river Watercourse Length: 60.6 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Witham Primacy: 1	B5NW (W)	20	3	488569 390753
	OS Water Network Lines				
11	Watercourse Form: Inland river Watercourse Length: 1692.4 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Witham Primacy: 1	B5NW (W)	68	3	488561 390694
	OS Water Network Lines				
12	Watercourse Form: Inland river Watercourse Length: 713.0 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Witham Primacy: 1	B5NW (W)	79	3	488562 390692
	OS Water Network Lines				
13	Watercourse Form: Inland river Watercourse Length: 94.2 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Primacy: 1	B13SE (N)	218	3	488796 391502
	OS Water Network Lines				
14	Watercourse Form: Inland river Watercourse Length: 335.3 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Trent Primacy: 1	B13SE (N)	230	3	488877 391549





Map ID		Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	Local Authority Lar	ndfill Coverage				
	Name:	West Lindsey District Council - Has no landfill data to supply		0	4	489001 390851
	Local Authority Lar	ndfill Coverage				
	Name:	Lincolnshire County Council - Had landfill data but passed it to the relevant environment agency		0	5	489001 390851

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### **Geological**

Map ID		Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	BGS 1:625,000 Solid	d Geology				
	Description:	Lias Group	B9SE (N)	0	1	489001 390851
	Coal Mining Affecte	d Areas				
	In an area that might	not be affected by coal mining				
	Non Coal Mining Ar No Hazard	eas of Great Britain				
	Potential for Collap	sible Ground Stability Hazards				
	Hazard Potential: Source:	Very Low British Geological Survey, National Geoscience Information Service	B9SE (N)	0	1	489001 390851
	Potential for Compr	ressible Ground Stability Hazards				
	Hazard Potential: Source:	No Hazard British Geological Survey, National Geoscience Information Service	B9SE (N)	0	1	489001 390851
	Potential for Groun	d Dissolution Stability Hazards				
	Hazard Potential: Source:	No Hazard British Geological Survey, National Geoscience Information Service	B9SE (N)	0	1	489001 390851
	Potential for Landsl	lide Ground Stability Hazards				
	Hazard Potential: Source:	Very Low British Geological Survey, National Geoscience Information Service	B9SE (N)	0	1	489001 390851
	Potential for Runnin	ng Sand Ground Stability Hazards				
	Hazard Potential: Source:	Very Low British Geological Survey, National Geoscience Information Service	B9SE (N)	0	1	489001 390851
	Potential for Shrink	ing or Swelling Clay Ground Stability Hazards				
	Hazard Potential: Source:	Low British Geological Survey, National Geoscience Information Service	B9SE (N)	0	1	489001 390851
	Radon Potential - R	adon Affected Areas				
	Affected Area:	The property is in a Lower probability radon area (less than 1% of homes are estimated to be at or above the Action Level).	B9SE (N)	0	1	489001 390851
	Source:	British Geological Survey, National Geoscience Information Service				
	Radon Potential - Radon 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	B9SE (N)	0	1	489001 390851



### **Sensitive Land Use**

Map ID		Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	Nitrate Vulnerab	le Zones				
15	Name: Description: Source:	River Eau From Kirton Lindsey Trib To R Trent Nvz Surface Water Environment Agency, Head Office	B9SE (N)	0	2	489001 390851
	Nitrate Vulnerab	le Zones				
16	Name: Description: Source:	Lower Witham Nvz Surface Water Environment Agency, Head Office	B5NE (SE)	0	2	489060 390775

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Agency & Hydrological	Version	Update Cycle
Contaminated Land Register Entries and Notices		
Environment Agency - Head Office	June 2020	Annually
West Lindsey District Council - Environmental Health Department	September 2017	Annual Rolling Update
Discharge Consents		
Environment Agency - Anglian Region	April 2022	Quarterly
Environment Agency - Midlands Region	April 2022	Quarterly
Enforcement and Prohibition Notices Environment Agency - Anglian Region	March 2013	
Integrated Pollution Controls		
Environment Agency - Anglian Region	January 2009	
	Sandary 2005	
Integrated Pollution Prevention And Control	April 2022	Ou ortorly
Environment Agency - Anglian Region	April 2022	Quarterly
Local Authority Integrated Pollution Prevention And Control	N	
West Lindsey District Council - Environmental Health Department	November 2014	Variable
Local Authority Pollution Prevention and Controls		
West Lindsey District Council - Environmental Health Department	November 2014	Annual Rolling Update
Local Authority Pollution Prevention and Control Enforcements		
West Lindsey District Council - Environmental Health Department	November 2014	Variable
Nearest Surface Water Feature		
Ordnance Survey	May 2022	
Pollution Incidents to Controlled Waters		
Environment Agency - Midlands Region	December 1999	
Environment Agency - Anglian Region	September 1999	
Prosecutions Relating to Authorised Processes		
Environment Agency - Anglian Region	July 2015	
Prosecutions Relating to Controlled Waters		
Environment Agency - Anglian Region	March 2013	
Registered Radioactive Substances		
Environment Agency - Anglian Region	June 2016	As notified
River Quality		
Environment Agency - Head Office	November 2001	Not Applicable
River Quality Biology Sampling Points		
Environment Agency - Head Office	April 2012	
River Quality Chemistry Sampling Points		
Environment Agency - Head Office	April 2012	
Substantiated Pollution Incident Register		
Environment Agency - Anglian Region - Northern Area	April 2022	Quarterly
Water Abstractions	7,011 2022	Quarterly
Environment Agency - Anglian Region	April 2022	Quarterly
Environment Agency - Midlands Region	April 2022	Quarterly
	7.p.:: 2522	
Water Industry Act Referrals Environment Agency - Anglian Region	October 2017	
	October 2017	
Groundwater Vulnerability Map	luna 2049	No potition
Environment Agency - Head Office	June 2018	As notified
Bedrock Aquifer Designations Environment Agency - Head Office	January 2018	Annually
Superficial Aquifer Designations		1
Environment Agency - Head Office	January 2018	Annually
Source Protection Zones		
Environment Agency - Head Office	May 2021	Bi-Annually

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Agency & Hydrological	Version	Update Cycle
Extreme Flooding from Rivers or Sea without Defences		
Environment Agency - Head Office	May 2022	Quarterly
Flooding from Rivers or Sea without Defences		
Environment Agency - Head Office	May 2022	Quarterly
Areas Benefiting from Flood Defences		
Environment Agency - Head Office	May 2022	Quarterly
Flood Water Storage Areas		
Environment Agency - Head Office	May 2022	Quarterly
Flood Defences		
Environment Agency - Head Office	May 2022	Quarterly
OS Water Network Lines		
Ordnance Survey	April 2022	Quarterly
BGS Groundwater Flooding Susceptibility		
British Geological Survey - National Geoscience Information Service	May 2013	As notified
Waste	Version	Update Cycle
BGS Recorded Landfill Sites		
British Geological Survey - National Geoscience Information Service	November 2002	As notified
Historical Landfill Sites		
Environment Agency - Head Office	April 2022	Quarterly
Integrated Pollution Control Registered Waste Sites		
Environment Agency - Anglian Region	January 2009	Not Applicable
Licensed Waste Management Facilities (Landfill Boundaries)		
Environment Agency - Anglian Region - Northern Area	April 2022	Quarterly
Licensed Waste Management Facilities (Locations)		
Environment Agency - Anglian Region - Northern Area	April 2022	Quarterly
Local Authority Landfill Coverage		
Lincolnshire County Council	February 2003	Not Applicable
West Lindsey District Council - Environmental Health Department	February 2003	Not Applicable
Local Authority Recorded Landfill Sites		
Lincolnshire County Council	October 2018	
West Lindsey District Council - Environmental Health Department	October 2018	
Registered Landfill Sites		
Environment Agency - Anglian Region - Northern Area	March 2006	Not Applicable
Registered Waste Transfer Sites		
Environment Agency - Anglian Region - Northern Area	April 2018	
Registered Waste Treatment or Disposal Sites		
Environment Agency - Anglian Region - Northern Area	June 2015	



Hazardous Substances	Version	Update Cycle
Control of Major Accident Hazards Sites (COMAH)		
Health and Safety Executive	January 2022	Bi-Annually
Explosive Sites		
Health and Safety Executive	March 2017	Annually
Notification of Installations Handling Hazardous Substances (NIHHS) Health and Safety Executive	August 2001	
Planning Hazardous Substance Enforcements		
Lincolnshire County Council - Highways and Planning Department	August 2010	Variable
Nest Lindsey District Council	February 2016	Variable
Planning Hazardous Substance Consents		
incolnshire County Council - Highways and Planning Department	August 2007	Variable
Vest Lindsey District Council	February 2016	Variable
Geological	Version	Update Cycle
3GS 1:625,000 Solid Geology		
British Geological Survey - National Geoscience Information Service	January 2009	As notified
BGS Recorded Mineral Sites		
British Geological Survey - National Geoscience Information Service	May 2022	Bi-Annually
CBSCB Compensation District		
Cheshire Brine Subsidence Compensation Board (CBSCB)	August 2011	
Cheshire Brine Subsidence Compensation Board (CBSCB)	November 2020	As notified
Coal Mining Affected Areas		
The Coal Authority - Property Searches	March 2014	Annual Rolling Updat
Mining Instability		
Ove Arup & Partners	June 1998	Not Applicable
Non Coal Mining Areas of Great Britain		
British Geological Survey - National Geoscience Information Service	May 2015	Not Applicable
Potential for Collapsible Ground Stability Hazards		
British Geological Survey - National Geoscience Information Service	April 2020	As notified
Potential for Compressible Ground Stability Hazards		
British Geological Survey - National Geoscience Information Service	January 2019	As notified
Potential for Ground Dissolution Stability Hazards British Geological Survey - National Geoscience Information Service	January 0040	A o
3 ,	January 2019	As notified
Potential for Landslide Ground Stability Hazards	January 2010	An notified
British Geological Survey - National Geoscience Information Service	January 2019	As notified
Potential for Running Sand Ground Stability Hazards	January 2040	A o
British Geological Survey - National Geoscience Information Service	January 2019	As notified
Potential for Shrinking or Swelling Clay Ground Stability Hazards	January 2010	An notified
British Geological Survey - National Geoscience Information Service	January 2019	As notified
Radon Potential - Radon Affected Areas	L.L. 0044	A
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

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Industrial Land Use	Version	Update Cycle
Contemporary Trade Directory Entries Thomson Directories	April 2022	Quarterly
Fuel Station Entries Catalist Ltd - Experian	June 2022	Quarterly
Gas Pipelines National Grid	October 2021	Bi-Annually
Underground Electrical Cables National Grid	May 2021	Bi-Annually
Sensitive Land Use	Version	Update Cycle
Ancient Woodland Natural England	February 2021	Bi-Annually
Areas of Adopted Green Belt West Lindsey District Council	October 2020	Quarterly
Areas of Unadopted Green Belt West Lindsey District Council	October 2020	Quarterly
Areas of Outstanding Natural Beauty Natural England	January 2021	Bi-Annually
Environmentally Sensitive Areas Natural England	January 2017	
Forest Parks Forestry Commission	April 1997	Not Applicable
Local Nature Reserves Natural England	February 2021	Bi-Annually
Marine Nature Reserves Natural England	July 2019	Bi-Annually
National Nature Reserves Natural England	January 2021	Bi-Annually
National Parks Natural England	February 2018	Bi-Annually
Nitrate Sensitive Areas Natural England	April 2016	Not Applicable
Nitrate Vulnerable Zones Department for Environment, Food and Rural Affairs (DEFRA - formerly FRCA) Environment Agency - Head Office	April 2016 June 2017	Bi-Annually
Ramsar Sites Natural England	August 2020	Bi-Annually
Sites of Special Scientific Interest Natural England	February 2021	Bi-Annually
Special Areas of Conservation Natural England	July 2020	Bi-Annually
Special Protection Areas Natural England	February 2021	Bi-Annually

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### **Data Suppliers**

A selection of organisations who provide data within this report

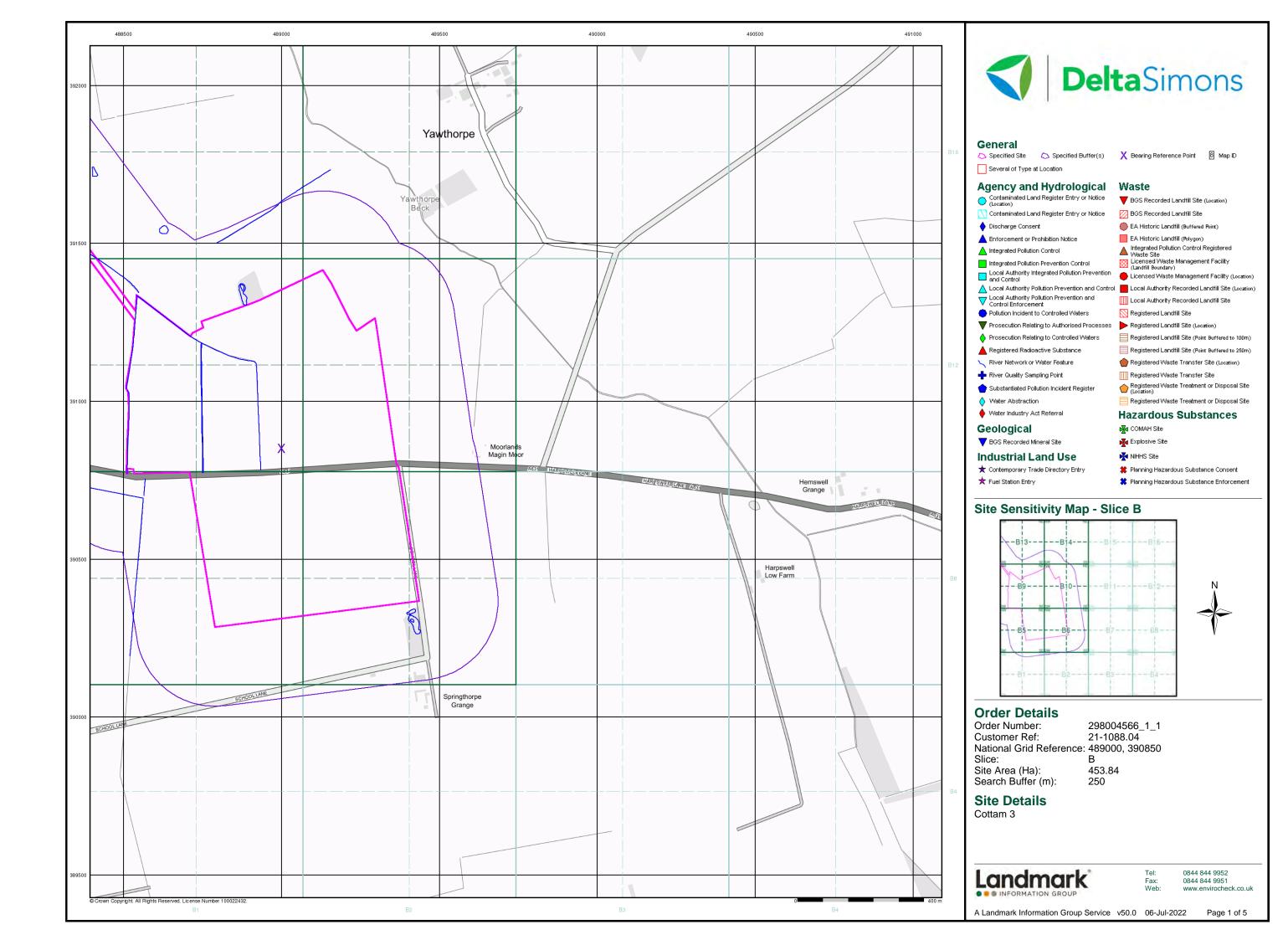
Data Supplier	Data Supplier Logo
Ordnance Survey	Mop data
Environment Agency	Environment
Scottish Environment Protection Agency	SEPA
The Coal Authority	The Coal Authority
British Geological Survey	British Geological Survey NATURAL ENVIRONMENT RESEARCH COUNCIL
Centre for Ecology and Hydrology	Centre for Ecology & Hydrology NATURAL ENVIRONMENT RESEARCH COUNCIL
Natural Resources Wales	Cyfoeth Naturiol Cymru Natural Resources Wales
Scottish Natural Heritage	SCOTTISH NATURAL HERITAGE 迎念新
Natural England	NATURAL ENGLAND
Public Health England	Public Health England
Ove Arup	ARUP
Stantec UK Ltd	<b>Stantec</b>

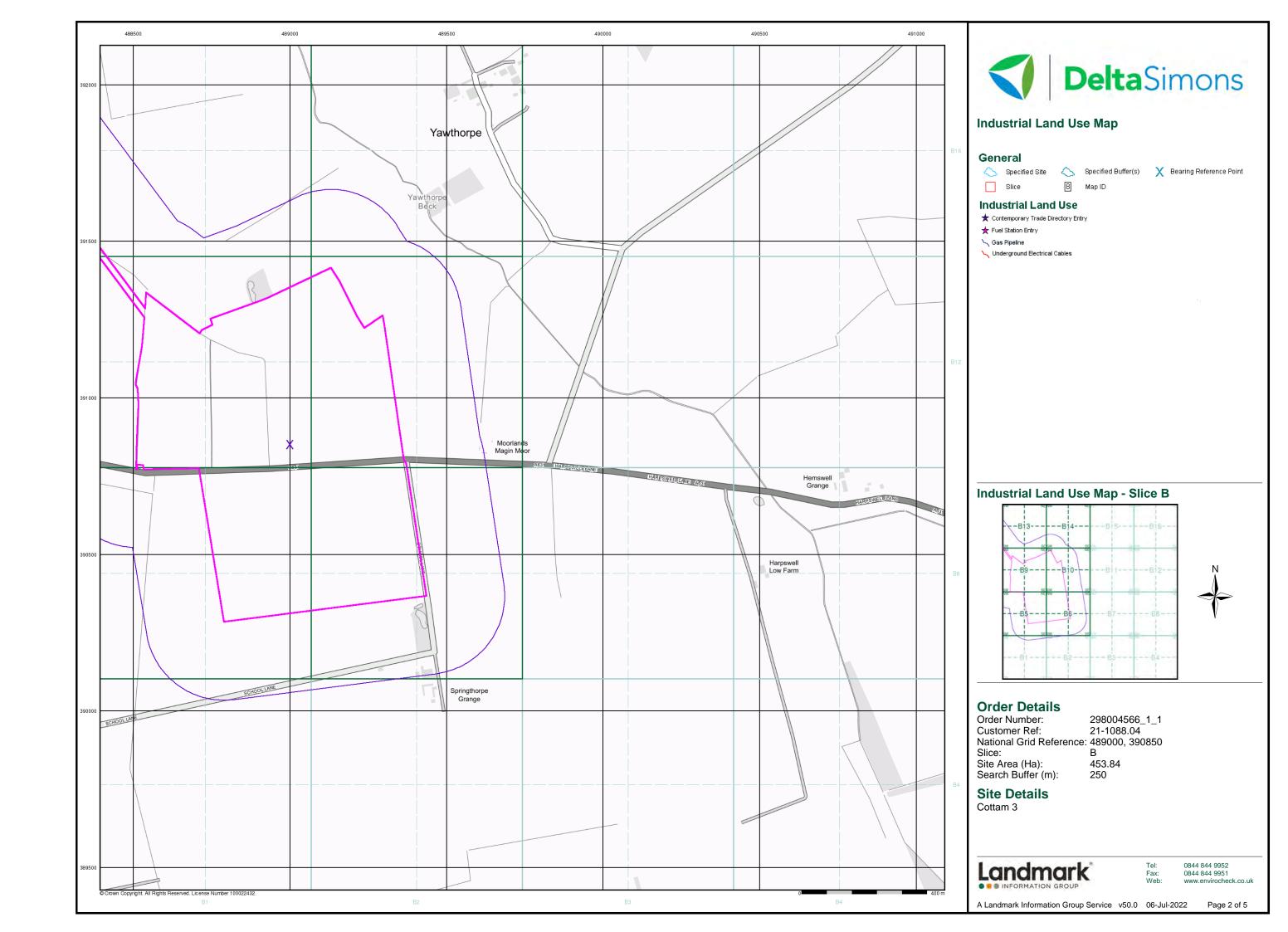


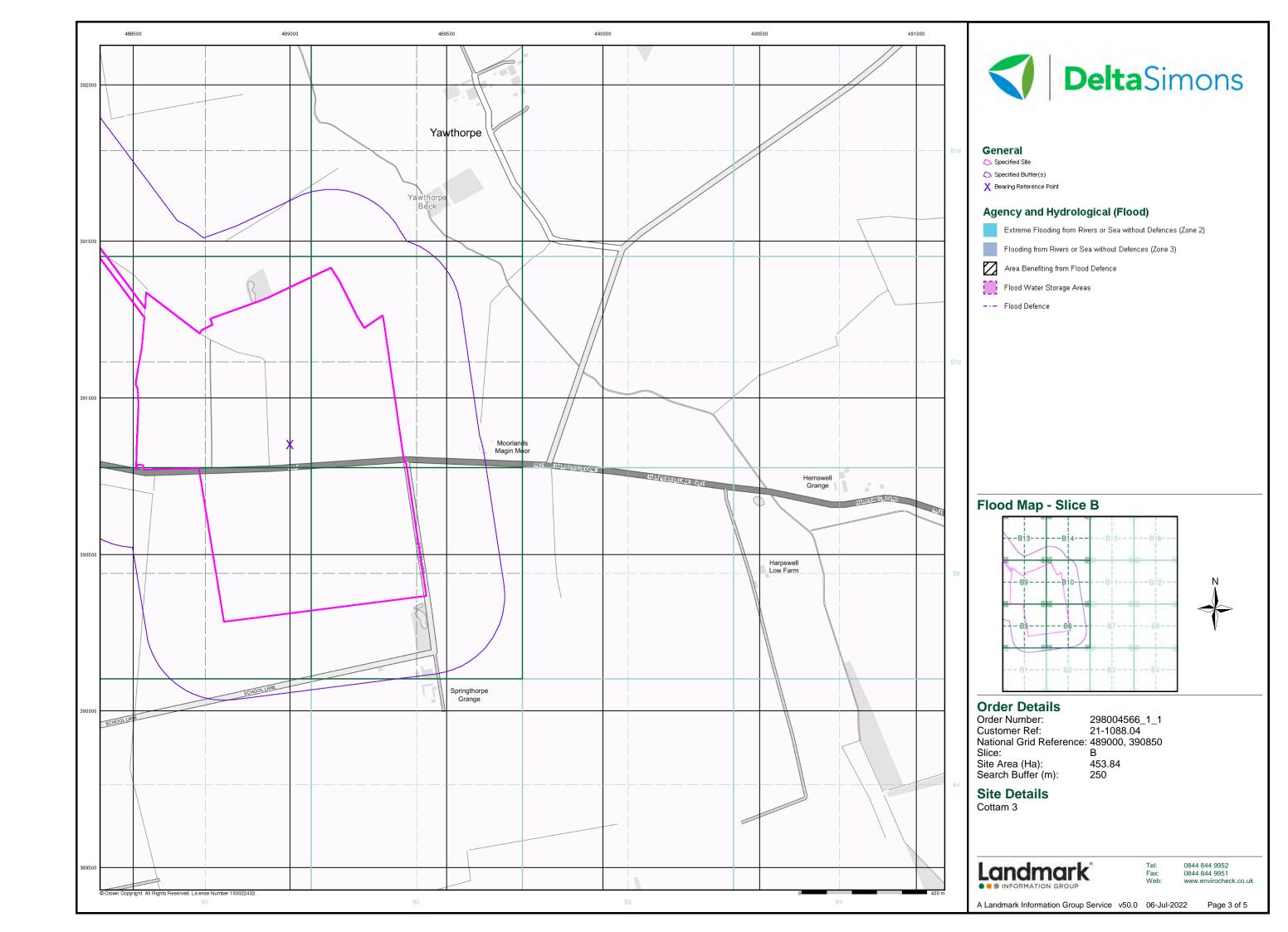
### **Useful Contacts**

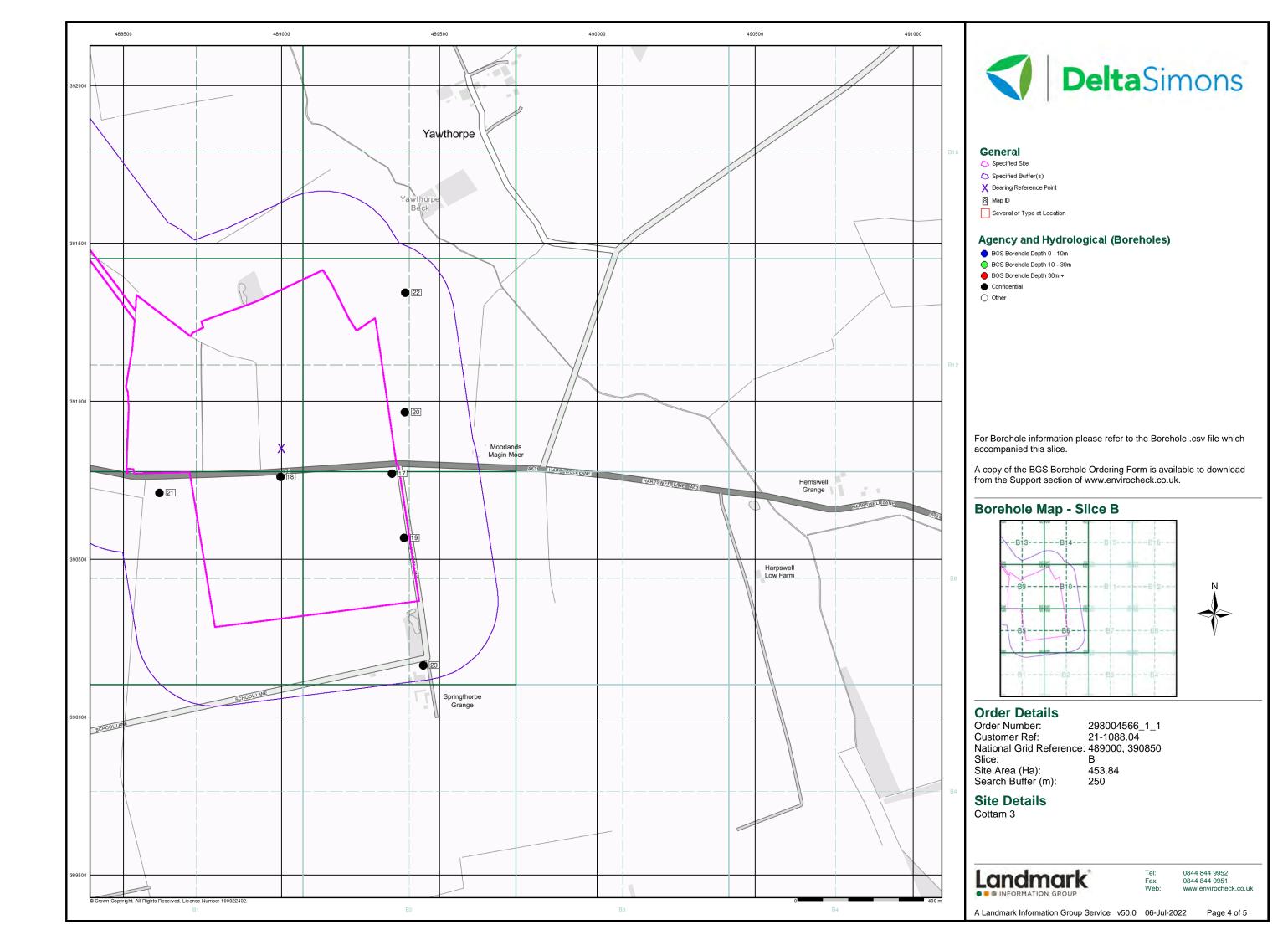
Contact	Name and Address	Contact Details
1	British Geological Survey - Enquiry Service  British Geological Survey, Environmental Science Centre, Keyworth, Nottingham, Nottinghamshire, NG12 5GG	Telephone: 0115 936 3143 Fax: 0115 936 3276 Email: enquiries@bgs.ac.uk Website: www.bgs.ac.uk
2	Environment Agency - Head Office Rio House, Waterside Drive, Aztec West, Almondsbury, Bristol, Avon, BS32 4UD	Telephone: 01454 624400 Fax: 01454 624409
3	Ordnance Survey Adanac Drive, Southampton, Hampshire, SO16 0AS	Telephone: 03456 05 05 05 Email: customerservices@ordnancesurvey.co.uk Website: www.ordnancesurvey.gov.uk
4	West Lindsey District Council - Environmental Health Department The Guildhall, Caskgate Street, Gainsborough, Lincolnshire, DN21 2DH	Telephone: 01427 676676 Fax: 01427 810623 Website: www.west-lindsey.gov.uk
5	Lincolnshire County Council 4th Floor, City Hall, Lincoln, Lincolnshire, LN1 1DN	Telephone: 01522 552222 Fax: 01522 552288 Email: PublicRelations@lincolnshire.gov.uk Website: www.lincolnshire.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

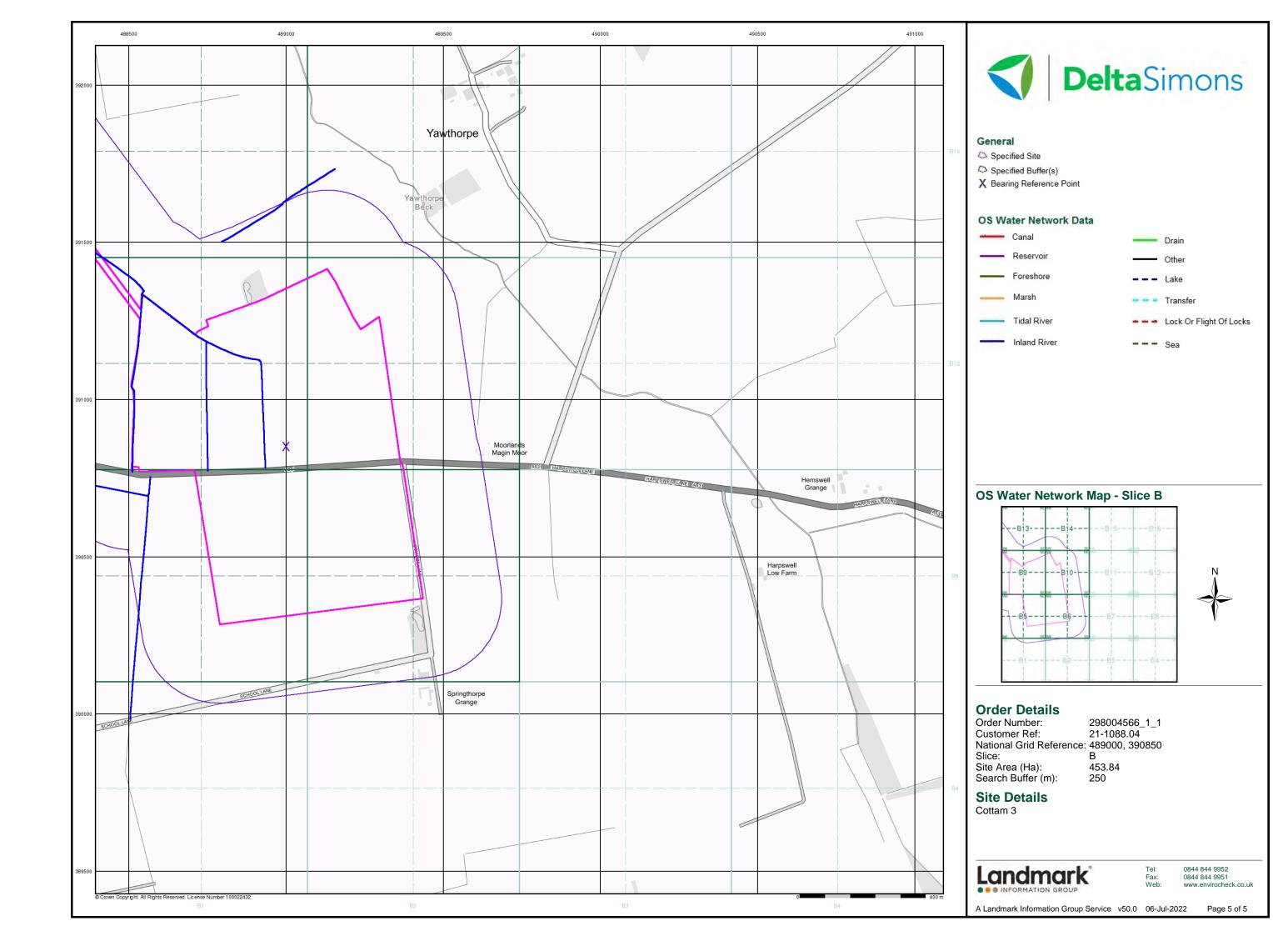
 ${\sf Please\ note\ that\ the\ Environment\ Agency\ /\ Natural\ Resources\ Wales\ /\ SEPA\ have\ a\ charging\ policy\ in\ place\ for\ enquiries.}$ 

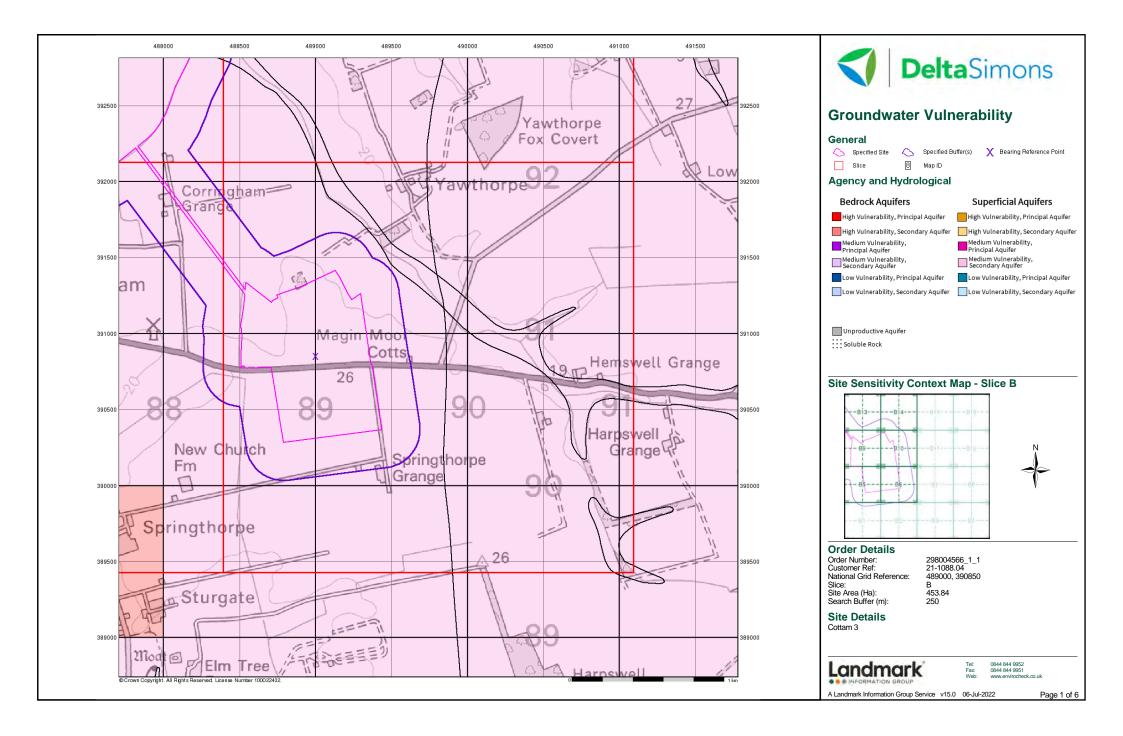


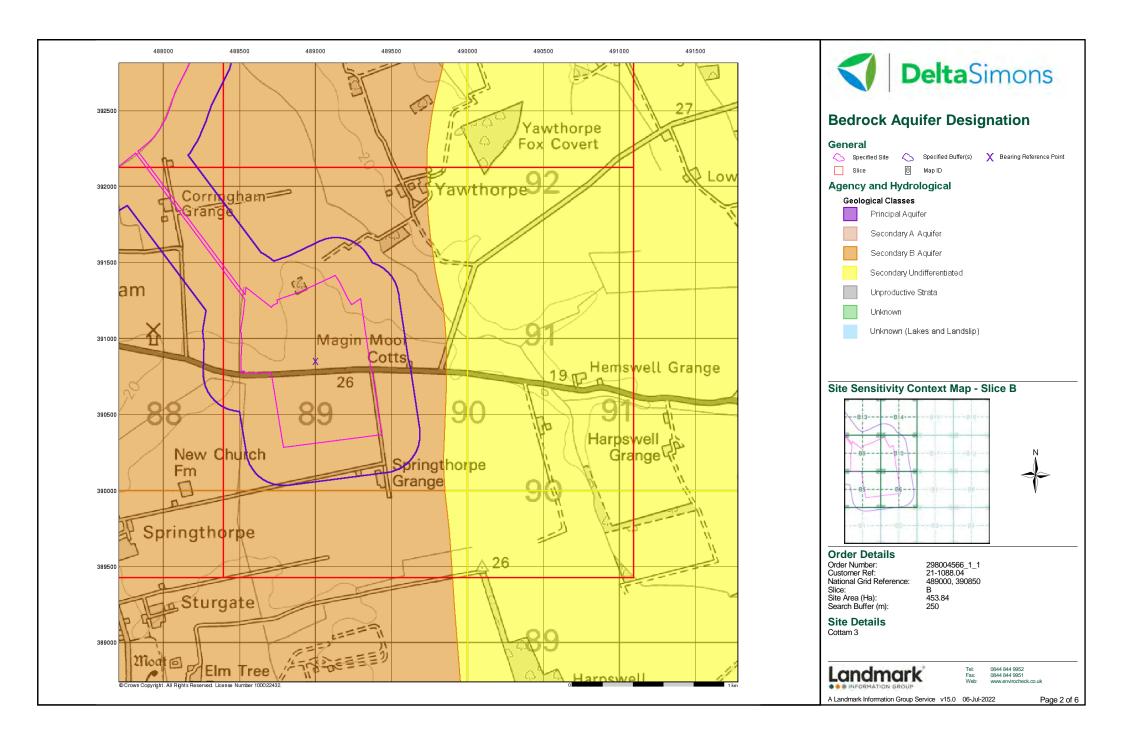


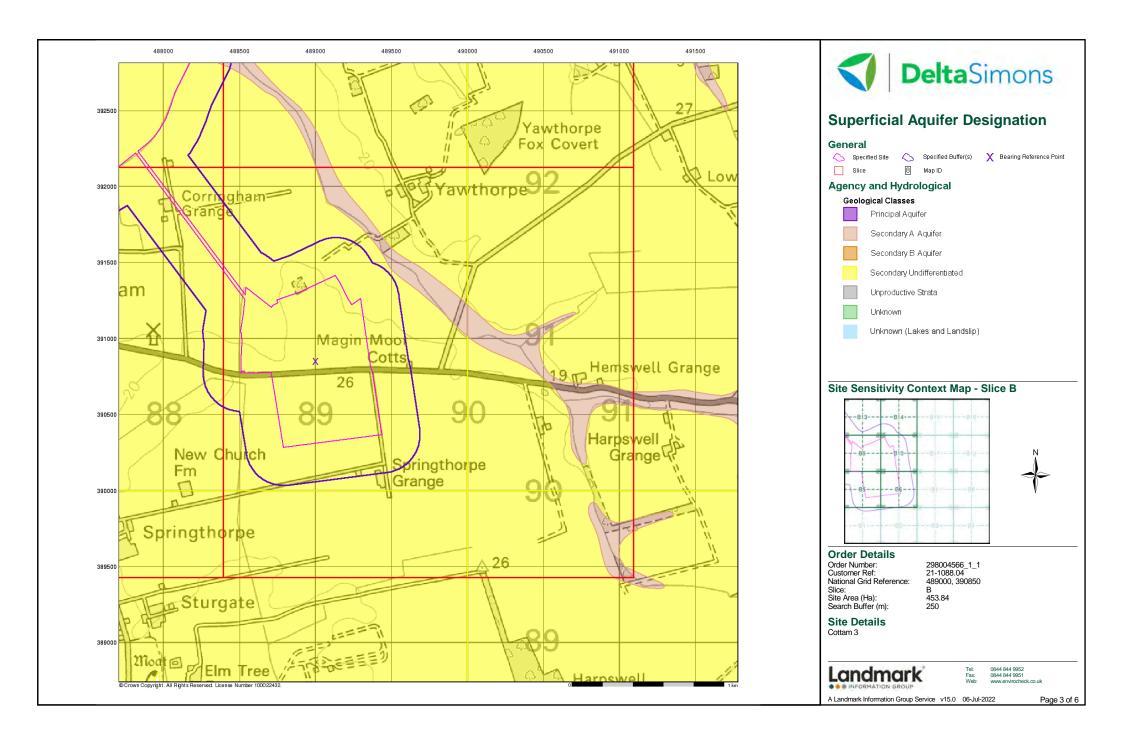


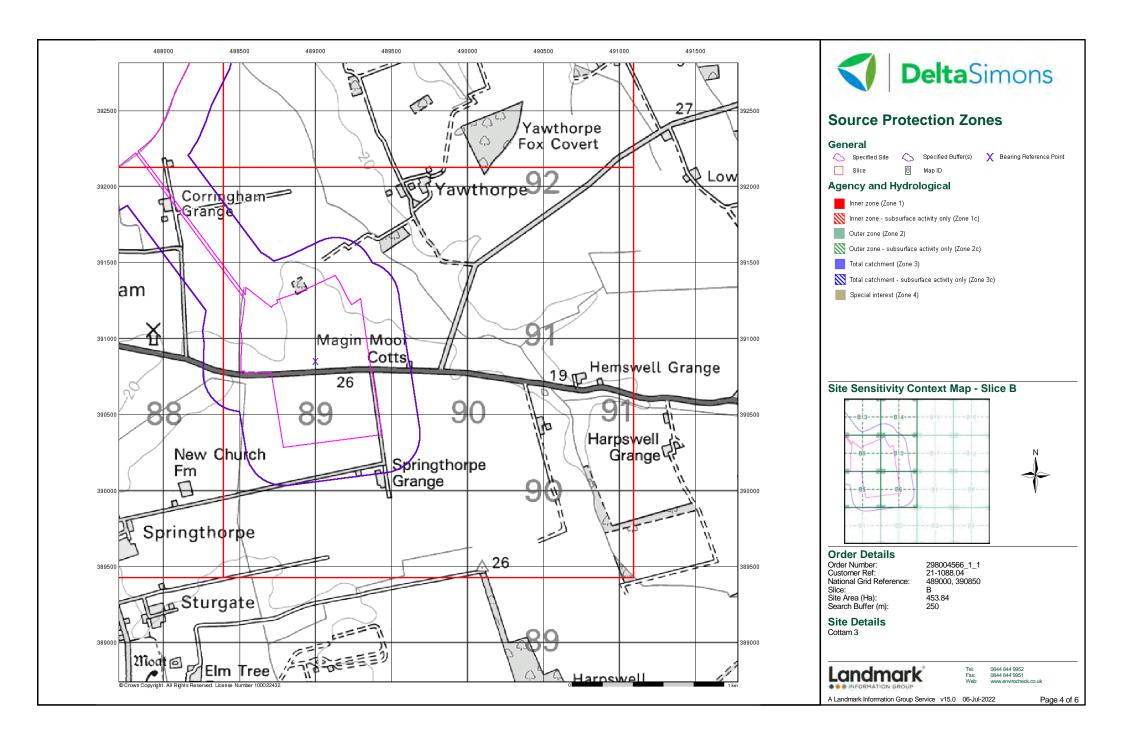


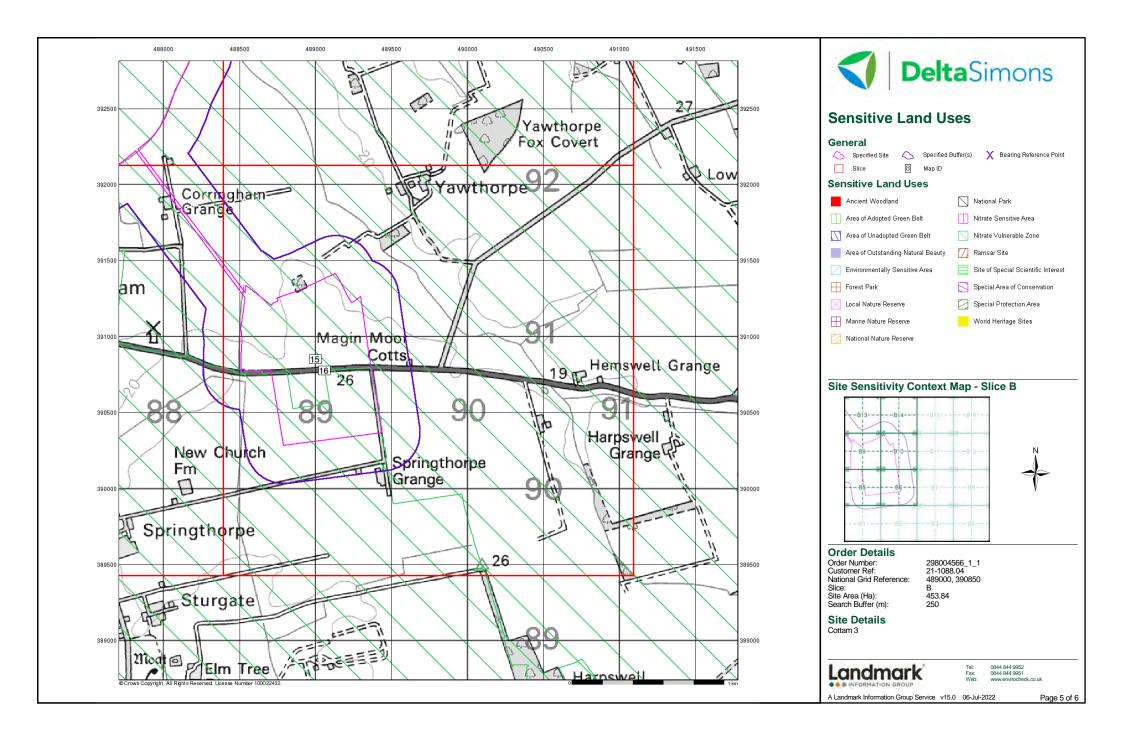


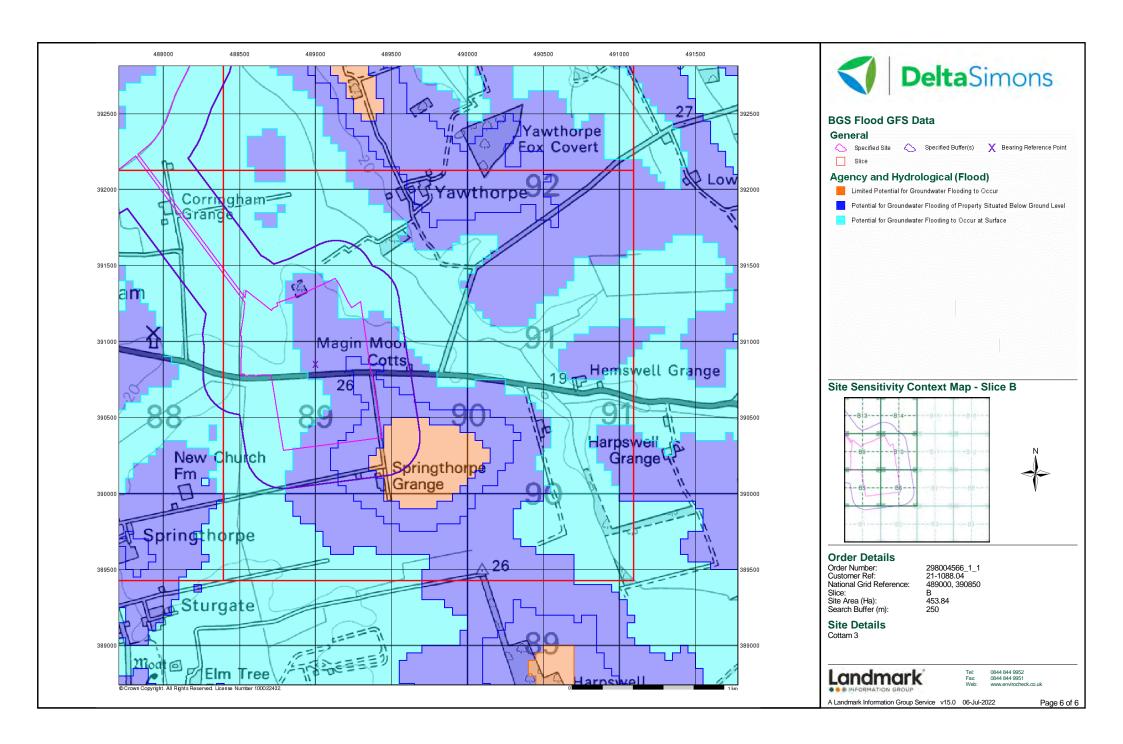














# **Envirocheck® Report:**

### **Datasheet**

### **Order Details:**

**Order Number:** 

298004566\_1\_1

**Customer Reference:** 

21-1088.04

**National Grid Reference:** 

487290, 393730

Slice:

С

Site Area (Ha):

453.84

Search Buffer (m):

250

### **Site Details:**

Cottam 3

### **Client Details:**

Ms M Booth Delta Simons Suite 4A One Portland Street Manchester M1 3BE







Report Section	Page Number
Summary	-
Agency & Hydrological	1
Waste	25
Hazardous Substances	-
Geological	26
Industrial Land Use	28
Sensitive Land Use	29
Data Currency	30
Data Suppliers	34
Useful Contacts	35

#### Introduction

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

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

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

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#### Report Version v53.0





Data Type	Page Number	On Site	0 to 250m (*up to 500m)
Agency & Hydrological			
BGS Groundwater Flooding Susceptibility	pg 1	Yes	Yes
Contaminated Land Register Entries and Notices			
Discharge Consents	pg 2	1	14
Prosecutions Relating to Controlled Waters			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 6	Yes	
Pollution Incidents to Controlled Waters	pg 6	2	1
Prosecutions Relating to Authorised Processes			
Registered Radioactive Substances			
River Quality	pg 6		1
River Quality Biology Sampling Points			
River Quality Chemistry Sampling Points			
Substantiated Pollution Incident Register			
Water Abstractions			
Water Industry Act Referrals			
Groundwater Vulnerability Map	pg 7	Yes	n/a
Groundwater Vulnerability - Soluble Rock Risk	pg 16	2	n/a
Bedrock Aquifer Designations	pg 16	Yes	n/a
Superficial Aquifer Designations	pg 16	Yes	n/a
Source Protection Zones			
Extreme Flooding from Rivers or Sea without Defences	pg 16	Yes	Yes
Flooding from Rivers or Sea without Defences	pg 16	Yes	Yes
Areas Benefiting from Flood Defences			
Flood Water Storage Areas			
Flood Defences			
OS Water Network Lines	pg 17	35	34





Data Type	Page Number	On Site	0 to 250m (*up to 500m)
Waste			
BGS Recorded Landfill Sites			
Historical Landfill Sites			
Integrated Pollution Control Registered Waste Sites			
Licensed Waste Management Facilities (Landfill Boundaries)			
Licensed Waste Management Facilities (Locations)	pg 25		1
Local Authority Landfill Coverage	pg 25	2	n/a
Local Authority Recorded Landfill Sites			
Registered Landfill Sites			
Registered Waste Transfer Sites			
Registered Waste Treatment or Disposal Sites	pg 25		1
Hazardous Substances			
Control of Major Accident Hazards Sites (COMAH)			
Explosive Sites			
Notification of Installations Handling Hazardous Substances (NIHHS)			
Planning Hazardous Substance Consents			
Planning Hazardous Substance Enforcements			
Geological			
BGS 1:625,000 Solid Geology	pg 26	Yes	n/a
BGS Recorded Mineral Sites	pg 26		1
CBSCB Compensation District			n/a
Coal Mining Affected Areas			n/a
Mining Instability			n/a
Man-Made Mining Cavities			
Natural Cavities			
Non Coal Mining Areas of Great Britain			
Potential for Collapsible Ground Stability Hazards	pg 26	Yes	
Potential for Compressible Ground Stability Hazards	pg 26		Yes
Potential for Ground Dissolution Stability Hazards	pg 26	Yes	
Potential for Landslide Ground Stability Hazards	pg 26	Yes	
Potential for Running Sand Ground Stability Hazards	pg 26	Yes	Yes
Potential for Shrinking or Swelling Clay Ground Stability Hazards	pg 27	Yes	Yes
Radon Potential - Radon Affected Areas			n/a
Radon Potential - Radon Protection Measures			n/a



### **Summary**

Data Type	Page Number	On Site	0 to 250m (*up to 500m)
Industrial Land Use			
Contemporary Trade Directory Entries	pg 28	2	3
Fuel Station Entries			
Gas Pipelines			
Underground Electrical Cables			
Sensitive Land Use			
Ancient Woodland			
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 29	3	
Ramsar Sites			
Sites of Special Scientific Interest			
Special Areas of Conservation			
Special Protection Areas			
World Heritage Sites			



Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	C14NW (NW)	0	1	486600 394500
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	C10NE (NW)	0	1	486800 394150
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	C13SE (NW)	0	1	486200 394350
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding to Occur at Surface	C13SE (NW)	0	1	486250 394350
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding to Occur at Surface	(N)	0	1	487294 395000
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding to Occur at Surface	C15NW (N)	0	1	487050 394600
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	(NW)	0	1	486400 395000
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	(NW)	0	1	486300 394950
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	C13SE (NW)	0	1	486250 394200
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	C14NW (NW)	0	1	486400 394600
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding to Occur at Surface	C13SE (NW)	0	1	486200 394250
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding to Occur at Surface	C9NE (W)	0	1	486250 394100
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	C11SW (N)	0	1	487294 393750
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	(NW)	0	1	486300 394850
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	C13NE (NW)	0	1	486350 394750
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	C14SW (NW)	0	1	486500 394450
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	(N)	0	1	486900 395000
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	C14NE (NW)	0	1	486750 394700
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	C13NE (NW)	0	1	486300 394800
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	C11NE (NE)	0	1	487700 394100
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	(NW)	0	1	486200 394900
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	C7SE	0	1	487400



Order Number: 298004566\_1\_1

### **Agency & Hydrological**

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Map ID		Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	BGS Groundwater Floor Flooding Type: Po	oding Susceptibility otential for Groundwater Flooding of Property Situated Below Ground Level	(SE)	0	1	488850 391450
	BGS Groundwater Floor Flooding Type: Po	oding Susceptibility otential for Groundwater Flooding to Occur at Surface	C11SW (NE)	0	1	487294 393728
	BGS Groundwater Floor Flooding Type: Po	oding Susceptibility otential for Groundwater Flooding to Occur at Surface	C13NE (NW)	0	1	486350 394600
	BGS Groundwater Floe Flooding Type: Po	oding Susceptibility otential for Groundwater Flooding to Occur at Surface	(NW)	0	1	486100
	BGS Groundwater Floor Flooding Type: Lin	ooding Susceptibility imited Potential for Groundwater Flooding to Occur	C14SW	0	1	395000 486400
	BGS Groundwater Floo Flooding Type: Lin	roding Susceptibility imited Potential for Groundwater Flooding to Occur	C12NW	0	1	394450 487800
	BGS Groundwater Floo Flooding Type: Lin	ooding Susceptibility imited Potential for Groundwater Flooding to Occur	(NE)	15	1	394150 486150
	BGS Groundwater Floor Flooding Type: Lin	ooding Susceptibility imited Potential for Groundwater Flooding to Occur	(W) (NW)	33	1	393950 486150
	BGS Groundwater Floe Flooding Type: Lin	oding Susceptibility imited Potential for Groundwater Flooding to Occur	C9NE (W)	47	1	395150 486100 394150
	BGS Groundwater Floe Flooding Type: Po	oding Susceptibility otential for Groundwater Flooding of Property Situated Below Ground Level	(NE)	55	1	488100 395000
	BGS Groundwater Floo Flooding Type: Lin	oding Susceptibility imited Potential for Groundwater Flooding to Occur	C9SE (W)	65	1	486150 393728
	BGS Groundwater Floe Flooding Type: Po	oding Susceptibility otential for Groundwater Flooding of Property Situated Below Ground Level	C13SW (NW)	98	1	485800 394450
	BGS Groundwater Floe Flooding Type: Lin	oding Susceptibility imited Potential for Groundwater Flooding to Occur	(NW)	137	1	486100 395250
1	Property Type: Location: St Authority: Catchment Area: Reference: Permit Version: Effective Date: Issued Date: Revocation Date: Discharge Type: Discharge Environment: Receiving Water: No	J Hollingsworth ot Given tation Farm, Pilham, GAINSBOROUGH, Lincolnshire nvironment Agency, Midlands Region ot Given /28/80/2601 /1 ot Supplied ot Supplied ot Supplied tot Supplied ewage Effluent iroundwater  ot Supplied ot Supplied	C10NW (W)	0	2	486400 394000
2	Property Type: Location: Authority: Catchment Area: Reference: Permit Version: Effective Date: Issued Date: Revocation Date: Discharge Type: Discharge Environment: Receiving Water: Lastatus: Status:	erek T Styles ewage Disposal Works bak Lodge, Green Lane, Pilham, Gainsborough , Lincolnshire nvironment Agency, Midlands Region aughton Drain Catchment T/79/45077/S/1 lot Supplied ot Supplied th February 1997 ot Supplied ewage Treatment Works - Final Effluent rain aughton Highland Drain ot Supplied ocated by supplier to within 100m	C9SE (W)	127	2	486275 393765



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Map ID		Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
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:	Mr Derek T Styles WWTW (NOT WATER CO) (NOT STP AT A PRIVATE PREMISES) Oak Lodge Green Lane, Pilham, Gainsborough, Lincolnsh Environment Agency, Midlands Region River Eau Catchment T/79/45077/S 1 6th February 1997 6th February 1997 Not Supplied Sewage Discharges - Final/Treated Effluent - Not Water Company Freshwater Stream/River  Trib Of Laughton Drain Post National Rivers Authority Legislation where issue date > 31/08/1989 Located by supplier to within 10m	C9SE (W)	133	2	486270 393770
2	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:	Derektstyles Not Given Oak Lodge , Green Lane , Pilham , GAINSBOROUGH Environment Agency, Midlands Region Not Given T/79/11568/S /1 Not Supplied Not Supplied 21st June 1989 Not Supplied Sewage Treatment Works - Final Effluent Drain  Laughton Highland Drain Not Supplied Located by supplier to within 100m	C9SE (W)	133	2	486270 393770
3	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:	Severn Trent Water Limited WWTW/SEWAGE TREATMENT WORKS (WATER COMPANY) Aisby Sewage Treatment Works, Aisby, Lincolnshire, ., Dn21 5rf Environment Agency, Midlands Region River Eau Catchment T/80/45928/R 2 12th May 2021 12th May 2021 12th May 2021 Not Supplied Sewage Discharges - Final/Treated Effluent - Water Company Freshwater Stream/River  Tributary Of Aisby Beck Varied under EPR 2010 Located by supplier to within 10m	C7NW (S)	165	2	487194 393185
3	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:	Severn Trent Water Limited WWTW/SEWAGE TREATMENT WORKS (WATER COMPANY) Aisby Sewage Treatment Works, Aisby, Lincolnshire, ., Dn21 5rf Environment Agency, Midlands Region River Eau Catchment T/80/45928/R 2 12th May 2021 12th May 2021 12th May 2021 Not Supplied Sewage Discharges - Stw Storm Overflow/Storm Tank - Water Company Freshwater Stream/River  Tributary Of Aisby Beck Varied under EPR 2010 Located by supplier to within 10m	C7NW (S)	165	2	487194 393185



Page 4 of 35

Map ID		Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
3	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:	Severn Trent Water Limited WWTW/SEWAGE TREATMENT WORKS (WATER COMPANY) Aisby Sewage Treatment Works, Aisby, Lincolnshire, ., Dn21 5rf Environment Agency, Midlands Region River Eau Catchment T/80/45928/R 2 12th May 2021 12th May 2021 12th May 2021 1Not Supplied Sewage Discharges - Pumping Station - Water Company Freshwater Stream/River  Tributary Of Aisby Beck Varied under EPR 2010 Located by supplier to within 10m	C7NW (S)	165	2	487194 393185
3	1	Severn Trent Water Limited WWTW/SEWAGE TREATMENT WORKS (WATER COMPANY) Aisby Sewage Treatment Works, Aisby, Lincolnshire, ., Dn21 5rf Environment Agency, Midlands Region River Eau Catchment T/80/45928/R 1 31st March 2005 4th February 2004 11th May 2021 Sewage Discharges - Final/Treated Effluent - Water Company Freshwater Stream/River  Aisby Beck New Consent (Water Resources Act 1991, Section 88 & Schedule 10 as amended by Environment Act 1995) Located by supplier to within 10m	C7NW (S)	168	2	487190 393190
3	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:	Severn Trent Water Limited WWTW/SEWAGE TREATMENT WORKS (WATER COMPANY) Aisby Sewage Treatment Works, Aisby, Lincolnshire, ., Dn21 5rf Environment Agency, Midlands Region River Eau Catchment T/80/45928/R 1 31st March 2005 4th February 2004 11th May 2021 Sewage Discharges - Pumping Station - Water Company Freshwater Stream/River  Aisby Beck New Consent (Water Resources Act 1991, Section 88 & Schedule 10 as amended by Environment Act 1995) Located by supplier to within 10m	C7NW (S)	168	2	487190 393190
3	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:	Severn Trent Water Limited WWTW/SEWAGE TREATMENT WORKS (WATER COMPANY) Aisby Sewage Treatment Works, Aisby, Lincolnshire, ., Dn21 5rf Environment Agency, Midlands Region River Eau Catchment T/80/45928/R 1 31st March 2005 4th February 2004 11th May 2021 Sewage Discharges - Stw Storm Overflow/Storm Tank - Water Company Freshwater Stream/River  Aisby Beck New Consent (Water Resources Act 1991, Section 88 & Schedule 10 as amended by Environment Act 1995) Located by supplier to within 10m	C7NW (S)	168	2	487190 393190



Order Number: 298004566\_1\_1

Map ID		Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	Discharge Consent	s				
4	Operator: Property Type: Location:  Authority: Catchment Area: Reference: Permit Version: Effective Date: Issued Date: Revocation Date: Discharge Type: Discharge Environment: Receiving Water: Status: Property Type: Positional Accuracy:	Severn Trent Water Limited WWTW/SEWAGE TREATMENT WORKS (WATER COMPANY) Pilham Sewage Treatment Works Pilham Lane, Pilham, Gainsborough, Lincolnshire, Dn21 3nu Environment Agency, Midlands Region River Eau Catchment T/80/45348/R 2 30th April 2021 30th April 2021 Not Supplied Sewage Discharges - Stw Storm Overflow/Storm Tank - Water Company Freshwater Stream/River  Laughton Drain Varied under EPR 2010 Located by supplier to within 10m	C9NE (W)	170	2	486062 393960
	-	,				
4	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:	Severn Trent Water Limited WWTW/SEWAGE TREATMENT WORKS (WATER COMPANY) Pilham Sewage Treatment Works Pilham Lane, Pilham, Gainsborough, Lincolnshire, Dn21 3nu Environment Agency, Midlands Region River Eau Catchment T/80/45348/R 2 30th April 2021 30th April 2021 Not Supplied Sewage Discharges - Final/Treated Effluent - Water Company Freshwater Stream/River  Laughton Drain Varied under EPR 2010	C9NE (W)	170	2	486062 393960
	Positional Accuracy:	Located by supplier to within 10m				
4		Severn Trent Water Limited WWTW/SEWAGE TREATMENT WORKS (WATER COMPANY) Pilham Sewage Treatment Works Pilham Lane, Pilham, Gainsborough, Lincolnshire, Dn21 3nu Environment Agency, Midlands Region River Eau Catchment T/80/45348/R 1 31st January 2000 31st January 2000 29th April 2021 Sewage Discharges - Final/Treated Effluent - Water Company Freshwater Stream/River  Laughton Drain New Consent (Water Resources Act 1991, Section 88 & Schedule 10 as amended by Environment Act 1995) Located by supplier to within 10m	C9NE (W)	171	2	486060 393960
	Discharge Consent					
4	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:	Severn Trent Water Limited WWTW/SEWAGE TREATMENT WORKS (WATER COMPANY) Pilham Sewage Treatment Works Pilham Lane, Pilham, Gainsborough, Lincolnshire, Dn21 3nu Environment Agency, Midlands Region River Eau Catchment T/80/45348/R 1 31st January 2000 31st January 2000 31st January 2000 29th April 2021 Sewage Discharges - Stw Storm Overflow/Storm Tank - Water Company Freshwater Stream/River  Laughton Drain New Consent (Water Resources Act 1991, Section 88 & Schedule 10 as amended by Environment Act 1995) Located by supplier to within 10m	C9NE (W)	171	2	486060 393960



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Map ID		Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
5	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:	Messrs J & M Riding & Sons DOMESTIC PROPERTY (SINGLE) (INCL FARM HOUSE) Bonsdale Farm, Blyton, Gainsborough, Lincolnshire Environment Agency, Midlands Region River Eau Catchment 3/28/69/2247 1 22nd February 1973 22nd February 1973 Not Supplied Sewage Discharges - Final/Treated Effluent - Not Water Company Land/Soakaway  Underground Strata Pre National Rivers Authority Legislation where issue date < 01/09/1989 Located by supplier to within 100m	C12NE (E)	188	2	488200 394000
	Nearest Surface Wa	tter Feature	C14SW (NW)	0	-	486525 394475
6	Property Type: Location: Authority: Pollutant: Note: Incident Date: Incident Reference: Catchment Area: Receiving Water: Cause of Incident: Incident Severity:	to Controlled Waters  Miscellaneous Drainage: Sewer Dikes/Village Drains PILHAM Environment Agency, Midlands Region Crude Sewage Smelly Milky Discolouration - Hands Burning; Public Water Supply Effected 19th November 1997 2803657 Trent Catchment: River Eau Watercourse Inadequate Construction Category 3 - Minor Incident Located by supplier to within 100m	C10SW (W)	0	2	486600 393800
7	Property Type: Location: Authority: Pollutant: Note: Incident Date: Incident Reference: Catchment Area: Receiving Water: Cause of Incident: Incident Severity:	to Controlled Waters  Ships/Boats Lincoln District Environment Agency, Anglian Region Oils - Other Oil Fosdyke 7th August 1996 2569 Not Given Freshwater Stream/River Unknown Category 3 - Minor Incident Located by supplier to within 100m	C15SW (N)	0	2	487200 394300
8	Property Type: Location: Authority: Pollutant: Note: Incident Date: Incident Reference: Catchment Area: Receiving Water: Cause of Incident: Incident Severity:	Dairy Cattle River Eau Environment Agency, Midlands Region Organic Wastes: Cattle slurry Fish Affected; Sewage Type Pollution; Farmyard Type 19th July 1998 2804814 Trent Catchment : River Eau Watercourse Land Runoff Category 3 - Minor Incident Located by supplier to within 100m	C4NE (SE)	154	2	488200 392500
	River Quality Name: GQA Grade: Reach: Estimated Distance (km): Flow Rate: Flow Type: Year:	Laughton Drain River Quality D Northfield Farm Rd Br To Conf. R. Trent 10  Flow less than 0.31 cumecs River 2000	C9NW (W)	84	2	485993 393859



Map ID		Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	Groundwater Vulne	erability Map				
	Combined Classification:	Secondary Superficial Aquifer - Medium Vulnerability	C14NW (NW)	0	3	486377 394572
	Combined Vulnerability:	Medium	(,			30.072
	Combined Aquifer: Pollutant Speed: Bedrock Flow:	Productive Bedrock Aquifer, Productive Superficial Aquifer Low Well Connected Fractures				
	Dilution: Baseflow Index: Superficial	<300 mm/year 40-70% <90%				
	Patchiness: Superficial	3-10m				
	Thickness: Superficial Recharge:	No Data				
	Groundwater Vulne	erability Map				
	Combined Classification:	Secondary Superficial Aquifer - Medium Vulnerability	C14NW (NW)	0	3	486391 394532
	Combined Vulnerability:	Medium				
	Combined Aquifer: Pollutant Speed: Bedrock Flow:	Productive Bedrock Aquifer, Productive Superficial Aquifer Low Well Connected Fractures				
	Dilution: Baseflow Index: Superficial	<300 mm/year 40-70% <90%				
	Patchiness: Superficial	3-10m				
	Thickness: Superficial Recharge:	No Data				
	Groundwater Vulne	erability Map				
	Combined Classification:	Secondary Superficial Aquifer - Medium Vulnerability	C14NW (NW)	0	3	486626 394542
	Combined Vulnerability:	Medium				
	Combined Aquifer: Pollutant Speed: Bedrock Flow:	Productive Bedrock Aquifer, Productive Superficial Aquifer Low Well Connected Fractures				
	Dilution: Baseflow Index:	<300 mm/year 40-70%				
	Superficial Patchiness: Superficial	<90% 3-10m				
	Thickness: Superficial Recharge:	No Data				
	Groundwater Vulne	erability Man				
	Combined Classification:	Secondary Superficial Aquifer - Medium Vulnerability	C13SE (NW)	0	3	486198 394189
	Combined Vulnerability:	Medium	(1444)			394169
	Combined Aquifer: Pollutant Speed:	Productive Bedrock Aquifer, Productive Superficial Aquifer Low				
	Bedrock Flow: Dilution: Baseflow Index:	Well Connected Fractures <300 mm/year 40-70%				
	Superficial Patchiness: Superficial	<90% 3-10m				
	Thickness: Superficial Recharge:	No Data				



Map ID		Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	Groundwater Vulne	erability Map				
	Combined Classification:	Secondary Superficial Aquifer - Medium Vulnerability	C13NE (NW)	0	3	486094 394775
	Combined Vulnerability:	Medium	(1111)			001170
	Combined Aquifer: Pollutant Speed:	Productive Bedrock Aquifer, Productive Superficial Aquifer Low				
	Bedrock Flow: Dilution:	Well Connected Fractures <300 mm/year				
	Baseflow Index: Superficial	40-70% <90%				
	Patchiness: Superficial	3-10m				
	Thickness: Superficial	No Data				
	Recharge:	No Data				
	Groundwater Vulne Combined	• •	C10NE	0	3	487000
	Classification:	Secondary Superficial Aquifer - Medium Vulnerability	(NW)		S	394000
	Combined Vulnerability:	Medium  Productive Podroek Aguifer Productive Superficial Aguifer				
	Combined Aquifer: Pollutant Speed: Bedrock Flow:	Productive Bedrock Aquifer, Productive Superficial Aquifer Low Well Connected Fractures				
	Dilution:	<300 mm/year				
	Baseflow Index: Superficial	40-70% <90%				
	Patchiness: Superficial Thickness:	3-10m				
	Superficial Recharge:	No Data				
	Groundwater Vulne	erability Map				
	Combined Classification:	Secondary Superficial Aquifer - Medium Vulnerability	C14NW (NW)	0	3	486566 394550
	Combined Vulnerability:	Medium				
	Combined Aquifer: Pollutant Speed:	Productive Bedrock Aquifer, Productive Superficial Aquifer Low				
	Bedrock Flow: Dilution:	Well Connected Fractures <300 mm/year				
	Baseflow Index: Superficial	40-70% <90%				
	Patchiness: Superficial	3-10m				
	Thickness: Superficial	No Data				
	Recharge:					
	Groundwater Vulne	•	04005		_	40040:
	Combined Classification:	Secondary Superficial Aquifer - Medium Vulnerability	C13SE (NW)	0	3	486181 394217
	Combined Vulnerability:	Medium				
	Combined Aquifer: Pollutant Speed:	Productive Bedrock Aquifer, Productive Superficial Aquifer Low				
	Bedrock Flow: Dilution:	Well Connected Fractures <300 mm/year				
	Baseflow Index: Superficial	40-70% <90%				
	Patchiness: Superficial	3-10m				
	Thickness: Superficial Recharge:	No Data				



Map ID		Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	Groundwater Vulne	erability Map				
	Combined Classification:	Secondary Superficial Aquifer - Medium Vulnerability	(NW)	0	3	486130 395000
	Combined Vulnerability:	Medium				000000
	Combined Aquifer: Pollutant Speed: Bedrock Flow: Dilution: Baseflow Index: Superficial Patchiness:	Productive Bedrock Aquifer, Productive Superficial Aquifer Low Well Connected Fractures <300 mm/year 40-70% >90%				
	Superficial Thickness: Superficial	3-10m Low				
	Recharge:					
	Groundwater Vulne	erability Map				
	Combined Classification: Combined	Secondary Superficial Aquifer - Medium Vulnerability  Medium	(NW)	0	3	486176 395000
	Vulnerability: Combined Aquifer: Pollutant Speed: Bedrock Flow: Dilution: Baseflow Index:	Productive Bedrock Aquifer, Productive Superficial Aquifer Low Well Connected Fractures <300 mm/year 40-70%				
	Superficial Patchiness: Superficial	>90% 3-10m				
	Thickness: Superficial Recharge:	Low				
	Groundwater Vulne	erability Map				
	Combined Classification:	Secondary Superficial Aquifer - Medium Vulnerability	(NW)	0	3	486106 395000
	Combined Vulnerability: Combined Aquifer: Pollutant Speed:	Medium  Productive Bedrock Aquifer, Productive Superficial Aquifer Low				
	Bedrock Flow: Dilution: Baseflow Index:	Well Connected Fractures <300 mm/year 40-70% >90%				
	Superficial Patchiness: Superficial Thickness:	3-10m				
	Superficial Recharge:	Low				
	Groundwater Vulne	erability Map				
	Combined Classification:	Secondary Superficial Aquifer - Medium Vulnerability	(N)	0	3	487000 395000
	Combined Vulnerability:	Medium  Productive Reductive Reductive Cornectical Application				333000
	Combined Aquifer: Pollutant Speed: Bedrock Flow: Dilution:	Productive Bedrock Aquifer, Productive Superficial Aquifer Low Well Connected Fractures <300 mm/year				
	Baseflow Index: Superficial Patchiness:	40-70% >90%				
	Superficial Thickness: Superficial	3-10m Low				
	Recharge:					



Map ID		Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	Groundwater Vulne	erability Map				
	Combined Classification:	Secondary Superficial Aquifer - Medium Vulnerability	C10SE (W)	0	3	487000 393728
	Combined Vulnerability:	Medium				
	Combined Aquifer: Pollutant Speed: Bedrock Flow: Dilution: Baseflow Index:	Productive Bedrock Aquifer, Productive Superficial Aquifer Low Well Connected Fractures <300 mm/year 40-70% <90%				
	Superficial Patchiness:	3-10m				
	Superficial Thickness: Superficial	Low				
	Recharge:  Groundwater Vulne	arahility Man				
	Combined Classification: Combined	Secondary Superficial Aquifer - Medium Vulnerability  Medium	C11SW (NE)	0	3	487294 393728
	Vulnerability: Combined Aquifer: Pollutant Speed: Bedrock Flow: Dilution: Baseflow Index:	Productive Bedrock Aquifer, Productive Superficial Aquifer Low Well Connected Fractures <300 mm/year 40-70%				
	Superficial Patchiness: Superficial Thickness:	>90% 3-10m				
	Superficial Recharge:	Low				
	Groundwater Vulne	erability Map				
	Combined Classification: Combined	Secondary Superficial Aquifer - Medium Vulnerability  Medium	C7SW (S)	0	3	487328 393051
	Vulnerability: Combined Aquifer: Pollutant Speed: Bedrock Flow: Dilution: Baseflow Index:	Productive Bedrock Aquifer, Productive Superficial Aquifer Low Well Connected Fractures <300 mm/year 40-70%				
	Superficial Patchiness: Superficial Thickness:	>90% 3-10m				
	Superficial Recharge:	Low				
	Groundwater Vulne	erability Map				
	Combined Classification:	Secondary Superficial Aquifer - Medium Vulnerability	C12SW (E)	0	3	488000 393728
	Combined Vulnerability:	Medium				
	Combined Aquifer: Pollutant Speed: Bedrock Flow: Dilution: Baseflow Index:	Productive Bedrock Aquifer, Productive Superficial Aquifer Low Well Connected Fractures <300 mm/year 40-70%				
	Superficial Patchiness: Superficial	3-10m				
	Thickness: Superficial Recharge:	Low				



Map ID		Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	Groundwater Vulne	erability Map				
	Combined Classification:	Secondary Superficial Aquifer - Medium Vulnerability	C8SW (SE)	0	3	488000 393000
	Combined Vulnerability:	Medium	(02)			000000
	Combined Aquifer: Pollutant Speed:	Productive Bedrock Aquifer, Productive Superficial Aquifer Low				
	Bedrock Flow: Dilution:	Well Connected Fractures <300 mm/year				
	Baseflow Index: Superficial	40-70% - >90%				
	Patchiness: Superficial	3-10m				
	Thickness: Superficial Recharge:	Low				
	Groundwater Vulne	erability Map				
	Combined Classification:	Secondary Superficial Aquifer - Medium Vulnerability	C7SE (S)	0	3	487432 393000
	Combined Vulnerability:	Medium	(-7			
	Combined Aquifer: Pollutant Speed:	Productive Bedrock Aquifer, Productive Superficial Aquifer Low				
	Bedrock Flow: Dilution:	Well Connected Fractures <300 mm/year				
	Baseflow Index: Superficial Patchiness:	40-70% >90%				
	Superficial Thickness:	3-10m				
	Superficial Recharge:	Low				
	Groundwater Vulne	erability Map				
	Combined Classification:	Secondary Superficial Aquifer - Medium Vulnerability	C7SW (S)	0	3	487294 393000
	Combined Vulnerability:	Medium				
	Combined Aquifer: Pollutant Speed:	Productive Bedrock Aquifer, Productive Superficial Aquifer Low				
	Bedrock Flow: Dilution:	Well Connected Fractures <300 mm/year				
	Baseflow Index: Superficial Patchiness:	40-70% >90%				
	Superficial Thickness:	3-10m				
	Superficial Recharge:	Low				
	Groundwater Vulne	erability Map				
	Combined Classification:	Secondary Superficial Aquifer - Medium Vulnerability	(N)	0	3	487294 395000
	Combined Vulnerability:	Medium				
	Combined Aquifer: Pollutant Speed:	Productive Bedrock Aquifer, Productive Superficial Aquifer Low				
	Bedrock Flow: Dilution:	Well Connected Fractures <300 mm/year				
	Baseflow Index: Superficial Patchiness:	40-70% >90%				
	Superficial Thickness:	3-10m				
	Superficial Recharge:	Low				



Map ID		Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	Groundwater Vulne	erability Map				
	Combined Classification:	Secondary Superficial Aquifer - Medium Vulnerability	(NE)	0	3	488000 395000
	Combined Vulnerability:	Medium				
	Combined Aquifer: Pollutant Speed:	Productive Bedrock Aquifer, Productive Superficial Aquifer Low				
	Bedrock Flow:	Well Connected Fractures				
	Dilution: Baseflow Index:	<300 mm/year 40-70%				
	Superficial	>90%				
	Patchiness:	0.40				
	Superficial Thickness:	3-10m				
	Superficial	Low				
	Recharge:					
	Groundwater Vulne	erability Map				
	Combined Classification:	Secondary Superficial Aquifer - Medium Vulnerability	C11NW (N)	0	3	487294 394000
	Combined Vulnerability:	Medium				
	Combined Aquifer:	Productive Bedrock Aquifer, Productive Superficial Aquifer				
	Pollutant Speed: Bedrock Flow:	Low Well Connected Fractures				
	Dilution:	<300 mm/year				
	Baseflow Index:	40-70%				
	Superficial Patchiness:	>90%				
	Superficial	3-10m				
	Thickness: Superficial	Low				
	Recharge:					
	Groundwater Vulne	erability Map				
	Combined	Secondary Superficial Aquifer - Medium Vulnerability	C12NW	0	3	488000
	Classification: Combined	Medium	(E)			394000
	Vulnerability:	inculaiii				
	Combined Aquifer:	Productive Bedrock Aquifer, Productive Superficial Aquifer				
	Pollutant Speed: Bedrock Flow:	Low Well Connected Fractures				
	Dilution:	<300 mm/year				
	Baseflow Index: Superficial	40-70% ·				
	Patchiness:					
	Superficial Thickness:	3-10m				
	Superficial	Low				
	Recharge:					
	Groundwater Vulne					
	Combined Classification:	Secondary Superficial Aquifer - Medium Vulnerability	(S)	0	3	487190 392000
	Combined	Medium				392000
	Vulnerability:	Descharting Designation Descharting On 1971 A. W.				
	Combined Aquifer: Pollutant Speed:	Productive Bedrock Aquifer, Productive Superficial Aquifer Low				
	Bedrock Flow:	Well Connected Fractures				
	Dilution: Baseflow Index:	<300 mm/year 40-70%				
	Superficial	>90%				
	Patchiness: Superficial	2 10m				
	Superriciai Thickness:	3-10m				
	Superficial	Low				
	Recharge:					



Map ID		Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	Groundwater Vulne	erability Map				
	Combined Classification:	Secondary Superficial Aquifer - Medium Vulnerability	(S)	0	3	488000 392000
	Combined Vulnerability:	Medium				392000
	Combined Aquifer:	Productive Bedrock Aquifer, Productive Superficial Aquifer				
	Pollutant Speed: Bedrock Flow:	Low Well Connected Fractures				
	Dilution:	<300 mm/year				
	Baseflow Index:	40-70%				
	Superficial Patchiness:	>90%				
	Superficial	3-10m				
	Thickness:					
	Superficial Recharge:	Low				
	Groundwater Vulne	erability Map				
	Combined	Secondary Superficial Aquifer - Medium Vulnerability	(SE)	0	3	489000
	Classification: Combined	Medium				392000
	Vulnerability:	ivicului i				
	Combined Aquifer:	Productive Bedrock Aquifer, Productive Superficial Aquifer				
	Pollutant Speed:	Low				
	Bedrock Flow: Dilution:	Well Connected Fractures <300 mm/year				
	Baseflow Index:	40-70%				
	Superficial	>90%				
	Patchiness: Superficial	3-10m				
	Thickness:	3-10111				
	Superficial	Low				
	Recharge:					
	Groundwater Vulne					
	Combined Classification:	Secondary Bedrock Aquifer - Medium Vulnerability	C14NW (NW)	0	3	486396 394535
	Combined	Medium	(1444)			394333
	Vulnerability:					
	Combined Aquifer:	Productive Bedrock Aquifer, No Superficial Aquifer				
	Pollutant Speed: Bedrock Flow:	Low Well Connected Fractures				
	Dilution:	<300 mm/year				
	Baseflow Index:	40-70%				
	Superficial Patchiness:	<90%				
	Superficial	3-10m				
	Thickness:					
	Superficial Recharge:	No Data				
	Groundwater Vulne	arahility Man				
	Combined	Secondary Bedrock Aquifer - Medium Vulnerability	C13NE	0	3	486326
	Classification:		(NW)			394523
	Combined Vulnerability:	Medium				
	Combined Aquifer:	Productive Bedrock Aquifer, No Superficial Aquifer				
	Pollutant Speed:	Low				
	Bedrock Flow: Dilution:	Well Connected Fractures <300 mm/year				
	Baseflow Index:	40-70%				
	Superficial	<90%				
	Patchiness:	2 10m				
	Superficial Thickness:	3-10m				
	Superficial	No Data				
	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	C13SE (NW)	0	3	486340 394486
	Combined Vulnerability:	Medium	(1117)			001100
	Combined Aquifer: Pollutant Speed:	Productive Bedrock Aquifer, No Superficial Aquifer Low				
	Bedrock Flow: Dilution:	Well Connected Fractures <300 mm/year				
	Baseflow Index: Superficial	40-70% <90%				
	Patchiness: Superficial	3-10m				
	Thickness: Superficial	No Data				
	Recharge:					
	Groundwater Vulne	• •	04005		_	400040
	Combined Classification:	Secondary Bedrock Aquifer - Medium Vulnerability	C13SE (NW)	0	3	486212 394221
	Combined Vulnerability: Combined Aquifer:	Medium  Productive Redrock Aguifer, No Superficial Aguifer.				
	Pollutant Speed: Bedrock Flow:	Productive Bedrock Aquifer, No Superficial Aquifer Low Well Connected Fractures				
	Dilution:	<300 mm/year				
	Baseflow Index: Superficial	40-70% <90%				
	Patchiness: Superficial	3-10m				
	Thickness: Superficial Recharge:	No Data				
	Groundwater Vulne	erability Map				
	Combined Classification:	Secondary Bedrock Aquifer - Medium Vulnerability	C13SE (W)	0	3	486191 394172
	Combined Vulnerability:	Medium	(**)			
	Combined Aquifer: Pollutant Speed:	Productive Bedrock Aquifer, No Superficial Aquifer Low				
	Bedrock Flow: Dilution:	Well Connected Fractures <300 mm/year				
	Baseflow Index: Superficial	40-70% <90%				
	Patchiness: Superficial	3-10m				
	Thickness: Superficial	No Data				
	Recharge:					
	Groundwater Vulne	•				
	Combined Classification:	Secondary Bedrock Aquifer - Low Vulnerability	C13SW (NW)	0	3	486000 394276
	Combined Vulnerability:	Low				
	Combined Aquifer: Pollutant Speed:	Productive Bedrock Aquifer, No Superficial Aquifer Low				
	Bedrock Flow: Dilution:	Well Connected Fractures <300 mm/year				
	Baseflow Index: Superficial	40-70% >90%				
	Patchiness: Superficial	3-10m				
	Thickness: Superficial	Low				
	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	C14NW (NW)	0	3	486424 394543
	Combined Vulnerability:	Medium	(1111)			001010
	Combined Aquifer: Pollutant Speed:	Productive Bedrock Aquifer, No Superficial Aquifer Low				
	Bedrock Flow: Dilution:	Well Connected Fractures <300 mm/year				
	Baseflow Index: Superficial	40-70% <90%				
	Patchiness: Superficial	3-10m				
	Thickness: Superficial	No Data				
	Recharge:	No Data				
	Groundwater Vulne	• •	04015			4000
	Combined Classification:	Secondary Bedrock Aquifer - Medium Vulnerability	C13NE (NW)	0	3	486341 394503
	Combined Vulnerability:	Medium				
	Combined Aquifer: Pollutant Speed:	Productive Bedrock Aquifer, No Superficial Aquifer Low				
	Bedrock Flow: Dilution:	Well Connected Fractures <300 mm/year				
	Baseflow Index: Superficial	40-70% <90%				
	Patchiness: Superficial	3-10m				
	Thickness: Superficial	No Data				
	Recharge:					
	Groundwater Vulne	erability Map				
	Combined Classification:	Secondary Bedrock Aquifer - Medium Vulnerability	C13SE (NW)	0	3	486201 394267
	Combined Vulnerability:	Medium				
	Combined Aquifer: Pollutant Speed:	Productive Bedrock Aquifer, No Superficial Aquifer Low				
	Bedrock Flow: Dilution:	Well Connected Fractures <300 mm/year				
	Baseflow Index: Superficial	40-70% <90%				
	Patchiness: Superficial	3-10m				
	Thickness: Superficial	No Data				
	Recharge:					
	Groundwater Vulne	•				
	Combined Classification:	Secondary Bedrock Aquifer - Medium Vulnerability	C13SE (W)	0	3	486165 394175
	Combined Vulnerability:	Medium				
	Combined Aquifer: Pollutant Speed:	Productive Bedrock Aquifer, No Superficial Aquifer Low				
	Bedrock Flow: Dilution:	Well Connected Fractures <300 mm/year				
	Baseflow Index: Superficial	40-70% <90%				
	Patchiness: Superficial	3-10m				
	Thickness: Superficial	No Data				
	Recharge:	NO Dala				



lap ID		Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	Groundwater Vulne	rability Map				
	Combined	Secondary Bedrock Aquifer - Medium Vulnerability	C13SE	0	3	486242
	Classification:	Coolings, 2001.001.71quilor modium vainorability	(NW)		, and the second	394198
	Combined	Medium				
	Vulnerability: Combined Aquifer:	Productive Bedrock Aquifer, No Superficial Aquifer				
	Pollutant Speed:	Low				
	Bedrock Flow:	Well Connected Fractures				
	Dilution:	<300 mm/year				
	Baseflow Index:	40-70%				
	Superficial Patchiness:	<90%				
	Superficial	3-10m				
	Thickness:					
	Superficial Recharge:	No Data				
	-	rability - Soluble Rock Risk				
	Classification:	Significant Risk - Problems Unlikely	C10NE	0	3	487000
			(NW)			394000
		rability - Soluble Rock Risk				
	Classification:	Significant Risk - Problems Unlikely	(N)	0	3	487000
			+			395000
	Bedrock Aquifer De	_				
	Aquifer Designation:	Secondary Aquifer - Undifferentiated	C14NW	0	3	486396
	Dadasi A. W. T	-!	(NW)			39453
	Bedrock Aquifer De	_	**	_	_	
	Aquiter Designation:	Secondary Aquifer - Undifferentiated	(NW)	0	3	48613 39500
	Bedrock Aquifer De	signations				
	=	Secondary Aquifer - B	(N)	0	3	487294
						39500
	Bedrock Aquifer De	signations				
	Aquifer Designation:	Secondary Aquifer - B	C14NW	0	3	486566
			(NW)			394550
	Bedrock Aquifer De					
	Aquifer Designation:	Secondary Aquifer - B	C11SW	0	3	48729
			(NE)			393728
	Bedrock Aquifer De	<del>-</del>				
	Aquifer Designation:	Secondary Aquifer - A	C14NW (NW)	0	3	486620 394542
	Bedrock Aguifer De	signations	(1447)			004042
	•	Secondary Aquifer - A	(NW)	0	3	486170
	Aquilei Designation.	Secondary Aquiler - A	(1400)	0	3	39500
	Superficial Aquifer	Designations				
		Secondary Aquifer - Undifferentiated	C11SW	0	3	48729
	Aquilor Designation.	occordary requirer originated	(NE)		J	39372
	Superficial Aquifer	Designations				
		Secondary Aquifer - Undifferentiated	(N)	0	3	48729
			(14)			39500
-	Superficial Aquifer	Designations				
		Secondary Aquifer - A	C13SW	0	3	485902
	,		(NW)	-	-	39443
	Superficial Aquifer	Designations				
	Aquifer Designation:	Secondary Aquifer - A	(NW)	0	3	48610
						39500
	Superficial Aquifer	Designations				
	Aquifer Designation:	Secondary Aquifer - A	C7SW	0	3	48732
			(S)			39305
		rom Rivers or Sea without Defences				
	Type:	Extent of Extreme Flooding from Rivers or Sea without Defences	C9SE	0	2	48616
	Flood Plain Type: Boundary Accuracy:	Fluvial Models As Supplied	(W)			39366
	,					
		rom Rivers or Sea without Defences	0005	00	0	40000
	Type: Flood Plain Type:	Extent of Extreme Flooding from Rivers or Sea without Defences Fluvial Models	C8SE	33	2	488220 393050
	Boundary Accuracy:		(SE)			393030
		rs or Sea without Defences				
	Type:	Extent of Flooding from Rivers or Sea without Defences	C9SE	0	2	48615
	Flood Plain Type:	Fluvial Models	(W)		2	39367
	Boundary Accuracy:		(**)			

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	Flooding from Rivers or Sea without Defences  Type: Extent of Flooding from Rivers or Sea without Defences Flood Plain Type: Fluvial Models Boundary Accuracy: As Supplied	C8SE (SE)	33	2	488220 393040
	Areas Benefiting from Flood Defences None				
	Flood Water Storage Areas None				
	Flood Defences				
	None				
9	Water Network Lines  Watercourse Form: Inland river Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Trent Primacy: 1	C15NW (N)	0	4	487195 394817
10	OS Water Network Lines  Watercourse Form: Inland river Watercourse Length: 452.9 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Trent Primacy: 1	C15NW (N)	0	4	487195 394817
11	OS Water Network Lines  Watercourse Form: Inland river Watercourse Length: 370.9 Watercourse Level: On ground surface Permanent: True Watercourse Name: Corringham Beck Catchment Name: Trent Primacy: 1	C4SW (SE)	0	4	487973 392374
12	OS Water Network Lines  Watercourse Form: Inland river Watercourse Length: 176.7 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Trent Primacy: 1	C4SW (SE)	0	4	487973 392374
13	OS Water Network Lines  Watercourse Form: Inland river Watercourse Length: 123.9 Watercourse Level: On ground surface Permanent: True Watercourse Name: Corringham Beck Catchment Name: Trent Primacy: 1	C4NW (SE)	0	4	488029 392485
14	OS Water Network Lines  Watercourse Form: Inland river Watercourse Length: 495.1 Watercourse Level: On ground surface Permanent: True Watercourse Name: Corringham Beck Catchment Name: Trent Primacy: 1	C8SE (SE)	0	4	488196 392859
15	OS Water Network Lines  Watercourse Form: Inland river Watercourse Length: 15.1 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Trent Primacy: 1	C4NW (SE)	0	4	488029 392485



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Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
16	OS Water Network Lines  Watercourse Form: Inland river Watercourse Length: 969.7  Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Trent Primacy: 1	C14NE (NW)	0	4	486892 394662
17	OS Water Network Lines  Watercourse Form: Inland river Watercourse Length: 3.8 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Trent Primacy: 1	C10NW (W)	0	4	486585 393857
18	OS Water Network Lines  Watercourse Form: Inland river Watercourse Length: 13.0  Watercourse Level: Underground Permanent: True Watercourse Name: Not Supplied Catchment Name: Primacy: 1	C10NW (W)	0	4	486597 393860
19	OS Water Network Lines  Watercourse Form: Inland river Watercourse Length: 200.5 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Trent Primacy: 1	C10NE (W)	0	4	486777 393900
20	OS Water Network Lines  Watercourse Form: Inland river Watercourse Length: 5.7 Watercourse Level: Underground Permanent: True Watercourse Name: Not Supplied Catchment Name: Trent Primacy: 1	C10NE (W)	0	4	486780 393895
21	OS Water Network Lines  Watercourse Form: Inland river Watercourse Length: 3.9 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Trent Primacy: 1	C10NE (W)	0	4	486782 393892
22	OS Water Network Lines  Watercourse Form: Inland river Watercourse Length: 5.4 Watercourse Level: Underground Permanent: True Watercourse Name: Not Supplied Catchment Name: Trent Primacy: 1	C10NE (W)	0	4	486785 393887
23	OS Water Network Lines  Watercourse Form: Inland river Watercourse Length: 39.0  Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Trent Primacy: 1	C10NE (W)	0	4	486806 393854
24	OS Water Network Lines  Watercourse Form: Inland river Watercourse Length: 11.6 Watercourse Level: Underground Permanent: True Watercourse Name: Not Supplied Catchment Name: Trent Primacy: 1	C10NE (W)	0	4	486812 393844



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Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
25	OS Water Network Lines  Watercourse Form: Inland river Watercourse Length: 88.1 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Trent Primacy: 1	C10SE (W)	0	4	486856 393769
26	OS Water Network Lines  Watercourse Form: Inland river Watercourse Length: 16.1 Watercourse Level: Underground Permanent: True Watercourse Name: Not Supplied Catchment Name: Trent Primacy: 1	C10SE (W)	0	4	486863 393754
27	OS Water Network Lines  Watercourse Form: Inland river Watercourse Length: 286.2  Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Trent Primacy: 1	C10SE (SW)	0	4	487013 393540
28	OS Water Network Lines  Watercourse Form: Inland river Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Primacy: 1	C14NE (N)	0	4	486909 394669
29	OS Water Network Lines  Watercourse Form: Inland river Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Trent Primacy: 1	C14NE (N)	0	4	487009 394654
30	OS Water Network Lines  Watercourse Form: Inland river Watercourse Length: 129.0 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Trent Primacy: 1	C14NE (N)	0	4	487023 394505
31	OS Water Network Lines  Watercourse Form: Inland river Watercourse Length: 9.3 Watercourse Level: Underground Permanent: True Watercourse Name: Not Supplied Catchment Name: Trent Primacy: 1	C10SE (SW)	0	4	487026 393521
32	OS Water Network Lines  Watercourse Form: Inland river Watercourse Length: 7.6 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Trent Primacy: 1	C10SE (SW)	0	4	487031 393514
33	OS Water Network Lines  Watercourse Form: Inland river Watercourse Length: 484.8 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Trent Primacy: 1	C7NW (S)	0	4	487188 393442



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Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
34	OS Water Network Lines  Watercourse Form: Inland river Watercourse Length: 238.9 Watercourse Level: On ground surface Permanent: True Watercourse Name: Aisby Beck Catchment Name: Trent Primacy: 1	C7NW (S)	0	4	487290 393248
35	OS Water Network Lines  Watercourse Form: Inland river Watercourse Length: 3.0 Watercourse Level: On ground surface Permanent: True Watercourse Name: Aisby Beck Catchment Name: Trent Primacy: 1	C7NE (S)	0	4	487427 393242
36	OS Water Network Lines  Watercourse Form: Inland river Watercourse Length: 532.4  Watercourse Level: On ground surface Permanent: True Watercourse Name: Aisby Beck Catchment Name: Trent Primacy: 1	C7NE (S)	0	4	487430 393241
37	OS Water Network Lines  Watercourse Form: Inland river Watercourse Length: 758.9 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Trent Primacy: 1	C15SE (N)	0	4	487503 394299
38	OS Water Network Lines  Watercourse Form: Inland river Watercourse Length: 7.3  Watercourse Level: Underground Permanent: True Watercourse Name: Aisby Beck Catchment Name: Trent Primacy: 1	C8NW (SE)	0	4	487958 393201
39	OS Water Network Lines  Watercourse Form: Inland river Watercourse Length: 497.1 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Trent Primacy: 1	C14NE (NW)	0	4	486892 394662
40	OS Water Network Lines  Watercourse Form: Inland river Watercourse Length: 2.4 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Trent Primacy: 1	C14NE (N)	0	4	487003 394715
41	OS Water Network Lines  Watercourse Form: Inland river Watercourse Length: 216.1 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Trent Primacy: 1	C14NE (N)	0	4	487003 394718
42	OS Water Network Lines  Watercourse Form: Inland river Watercourse Length: 20.7 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Trent Primacy: 1	C14NE (N)	0	4	487012 394634



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Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
43	OS Water Network Lines  Watercourse Form: Inland river Watercourse Length: 19.6 Watercourse Level: Underground Permanent: True Watercourse Name: Not Supplied Catchment Name: Trent Primacy: 1	C13NW (NW)	0	4	486009 394760
44	OS Water Network Lines  Watercourse Form: Inland river Watercourse Length: 303.3  Watercourse Level: On ground surface Permanent: True Watercourse Name: Corringham Beck Catchment Name: Trent Primacy: 1	C3SE (S)	1	4	487697 392129
45	OS Water Network Lines  Watercourse Form: Inland river Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Trent Primacy: 1	C3SE (S)	2	4	487697 392129
46	OS Water Network Lines  Watercourse Form: Inland river Watercourse Level: On ground surface Permanent: True Watercourse Name: Aisby Beck Catchment Name: Trent Primacy: 1	C8NW (SE)	2	4	487965 393200
47	OS Water Network Lines  Watercourse Form: Inland river Watercourse Length: 168.8 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Trent Primacy: 1	C10SE (SW)	2	4	487036 393508
48	OS Water Network Lines  Watercourse Form: Inland river Watercourse Length: 135.0  Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Trent Primacy: 1	C16NW (NE)	3	4	488027 394811
49	OS Water Network Lines  Watercourse Form: Inland river Watercourse Length: 405.8 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Trent Primacy: 1	C9NE (W)	4	4	486072 394000
50	OS Water Network Lines  Watercourse Form: Inland river Watercourse Length: 233.9  Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Trent Primacy: 1	C13NE (NW)	4	4	486050 394549
51	OS Water Network Lines  Watercourse Form: Inland river Watercourse Length: 2.8 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Trent Primacy: 1	C13NW (NW)	4	4	485995 394774



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Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
52	OS Water Network Lines  Watercourse Form: Inland river Watercourse Length: 136.4 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Trent Primacy: 1	C13SE (NW)	5	4	486101 394423
	OS Water Network Lines				
53	Watercourse Form: Inland river Watercourse Length: 54.0 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Trent Primacy: 1	C13SE (NW)	5	4	486128 394362
54	OS Water Network Lines  Watercourse Form: Inland river Watercourse Level: Underground Permanent: True Watercourse Name: Not Supplied Catchment Name: Trent Primacy: 1	C13SE (NW)	6	4	486106 394411
55	OS Water Network Lines  Watercourse Form: Inland river Watercourse Length: 36.8 Watercourse Level: On ground surface Permanent: True Watercourse Name: Laughton Highland Drain Catchment Name: Trent Primacy: 1	C13NW (NW)	6	4	485993 394775
56	OS Water Network Lines  Watercourse Form: Inland river Watercourse Length: 3.5 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Trent Primacy: 1	C13NE (NW)	7	4	486050 394547
57	OS Water Network Lines  Watercourse Form: Inland river Watercourse Length: 302.1 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Trent Primacy: 1	C8SW (SE)	8	4	487974 392856
58	OS Water Network Lines  Watercourse Form: Inland river Watercourse Length: 258.7 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Trent Primacy: 1	C13NE (NW)	10	4	486049 394547
59	OS Water Network Lines  Watercourse Form: Inland river Watercourse Length: 3.5  Watercourse Level: Underground Permanent: True Watercourse Name: Not Supplied Catchment Name: Trent Primacy: 1	C4NW (SE)	15	4	488043 392479
60	OS Water Network Lines  Watercourse Form: Inland river Watercourse Length: 191.5 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Trent Primacy: 1	C4NW (SE)	18	4	488046 392478



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Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
61	OS Water Network Lines  Watercourse Form: Inland river Watercourse Length: 273.5  Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Trent Primacy: 1	C12SW (E)	19	4	487959 393728
62	OS Water Network Lines  Watercourse Form: Inland river Watercourse Length: 3.5 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Trent Primacy: 1	C13NW (NW)	37	4	485982 394810
63	OS Water Network Lines  Watercourse Form: Inland river Watercourse Length: 304.6  Watercourse Level: On ground surface Permanent: True Watercourse Name: Laughton Highland Drain Catchment Name: Primacy: 1	C13NW (NW)	37	4	485982 394810
64	OS Water Network Lines  Watercourse Form: Inland river Watercourse Length: 242.2 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Trent Primacy: 1	C13NW (NW)	38	4	485978 394810
65	OS Water Network Lines  Watercourse Form: Inland river Watercourse Length: 9.7 Watercourse Level: Underground Permanent: True Watercourse Name: Aisby Beck Catchment Name: Trent Primacy: 1	C8SE (SE)	81	4	488273 392891
66	OS Water Network Lines  Watercourse Form: Inland river Watercourse Length: 3.8 Watercourse Level: On ground surface Permanent: True Watercourse Name: Aisby Beck Catchment Name: Trent Primacy: 1	C8SE (SE)	81	4	488276 392882
67	OS Water Network Lines  Watercourse Form: Inland river Watercourse Length: 125.1 Watercourse Level: On ground surface Permanent: True Watercourse Name: Corringham Beck Catchment Name: Trent Primacy: 1	C8SE (SE)	81	4	488277 392879
68	OS Water Network Lines  Watercourse Form: Inland river Watercourse Length: 290.5 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Trent Primacy: 1	C9NE (W)	156	4	486089 393859
69	OS Water Network Lines  Watercourse Form: Inland river Watercourse Length: 367.9 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Trent Primacy: 1	C7NW (S)	158	4	487193 393234



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# **Agency & Hydrological**

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Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
70	OS Water Network Lines  Watercourse Form: Inland river Watercourse Length: 273.5 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Trent Primacy: 1	C6NE (SW)	174	4	486950 393325
71	OS Water Network Lines  Watercourse Form: Inland river Watercourse Length: 246.3 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Trent Primacy: 1	C12NE (E)	188	4	488213 393854
72	OS Water Network Lines  Watercourse Form: Inland river Watercourse Level: Underground Permanent: True Watercourse Name: Not Supplied Catchment Name: Trent Primacy: 1	C4SE (SE)	208	4	488231 392428
73	OS Water Network Lines  Watercourse Form: Inland river Watercourse Length: 186.8 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Trent Primacy: 1	C4SE (SE)	212	4	488235 392427
74	OS Water Network Lines  Watercourse Form: Inland river Watercourse Length: 131.6 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Trent Primacy: 1	C13SW (NW)	217	4	485892 394374
75	OS Water Network Lines  Watercourse Form: Inland river Watercourse Length: 160.3 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Trent Primacy: 1	C3NW (S)	227	4	487223 392696
76	OS Water Network Lines  Watercourse Form: Inland river Watercourse Length: 761.9 Watercourse Level: On ground surface True Watercourse Name: Not Supplied Catchment Name: Trent Primacy: 1	C3NW (S)	227	4	487236 392538
77	OS Water Network Lines  Watercourse Form: Inland river Watercourse Length: 80.2 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Trent Primacy: 1	C3NW (S)	244	4	487222 392776





Map ID		Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	Licensed Waste Ma	nagement Facilities (Locations)				
78	Licence Number: Location: Operator Name: Operator Location: Authority: Site Category: Licence Status: Issued: Last Modified: Expires: Suspended: Revoked: Surrendered: IPPC Reference: Positional Accuracy:	43072 The Maltings, Station Road, Blyton, Gainsborough, Lincolnshire, DN21 3LE Barker Gordon L Not Supplied Environment Agency - Anglian Region, Northern Area Metal Recycling Sites (Vehicle Dismantlers) Surrendered 18th January 1993 Not Supplied Not Supplied Not Supplied Not Supplied Not Supplied Supplied Supplied Supplied 28th November 2003 Not Supplied Located by supplier to within 10m	C13SE (NW)	9	2	486135 394322
	Local Authority Lan	_				
	Name:	West Lindsey District Council - Has no landfill data to supply		0	5	487294 393728
	Local Authority Lan	dfill Coverage				
	Name:	Lincolnshire County Council - Had landfill data but passed it to the relevant environment agency		0	6	487294 393728
	Registered Waste T	reatment or Disposal Sites				
79	Licence Holder: Licence Reference: Site Location: Operator Location: Authority: Site Category: Max Input Rate: Waste Source Restrictions: Licence Status: Dated: Preceded By Licence: Superseded By Licence: Positional Accuracy: Boundary Quality: Authorised Waste	G L Barker TEM014 (S014 Barkers Garage The Maltings, Station Road, Blyton, GAINSBOROUGH, Lincolnshire, DN21 3LE As Site Address Environment Agency - Midlands Region, Lower Trent Area Scrapyard Very Small (Less than 10,000 tonnes per year) No known restriction on source of waste  Operational as far as is knownOperational 18th January 1993 Not Given  Manually positioned to the address or location Not Supplied Batteries Contam With Acid Decontam./Clean Empty Containers Dry Batteries Electric Cable & Wire Lincs Cat. A Inert Waste Lincs Cat. Bii Gen.WScrap Met. Solid Lincs Cat. Biii Gen.WScrapmet.Nonsol Max.Waste Permitted By Licence Mineral Oils Pressurised Containers Rubber & Latex (Including Tyres) Some Materials For Recycling Uncontam. Empty Used Containers Liquid/Sludge Waste N.O.S. Spec.Waste (Epa'90:S62/1996 Regs)N.O.S Those Contain.Hazardous Mat'Ls Waste N.O.S.	C13SE (NW)	104	2	486040 394315





Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	BGS 1:625,000 Solid Geology				
	Description: Lias Group	C11SW (NE)	0	1	487294 393728
	BGS 1:625,000 Solid Geology	04005			400000
	Description: Triassic Rocks (Undifferentiated)	C13SE (NW)	0	1	486332 394385
80	BGS Recorded Mineral Sites  Site Name: Aisby Gravel Pit Location: Aisby, Corringham, Gainsborough, Lincolnshire Source: British Geological Survey, National Geoscience Information Service Reference: 133225 Type: Opencast Status: Ceased Operator: Unknown Operator Operator Location: Not Supplied Periodic Type: Quaternary Geology: Glaciofluvial Deposits, Mid Pleistocene Commodity: Sand and Gravel Positional Accuracy: Located by supplier to within 10m	C3NE (S)	60	1	487404 392581
	Coal Mining Affected Areas				
	In an area that might not be affected by coal mining  Non Coal Mining Areas of Great Britain  No Hazard				
	Potential for Collapsible Ground Stability Hazards  Hazard Potential: Very Low Source: British Geological Survey, National Geoscience Information Service	C11SW (NE)	0	1	487294 393728
	Potential for Collapsible Ground Stability Hazards  Hazard Potential: No Hazard  Source: British Geological Survey, National Geoscience Information Service	C8SE (SE)	42	1	488225 392977
	Potential for Compressible Ground Stability Hazards  Hazard Potential: No Hazard  Source: British Geological Survey, National Geoscience Information Service	C11SW (NE)	0	1	487294 393728
	Potential for Compressible Ground Stability Hazards  Hazard Potential: Moderate Source: British Geological Survey, National Geoscience Information Service	C8SE (SE)	42	1	488225 392977
	Potential for Ground Dissolution Stability Hazards  Hazard Potential: No Hazard Source: British Geological Survey, National Geoscience Information Service	C11SW (NE)	0	1	487294 393728
	Potential for Ground Dissolution Stability Hazards  Hazard Potential: Very Low Source: British Geological Survey, National Geoscience Information Service	C13SE (NW)	0	1	486198 394189
	Potential for Ground Dissolution Stability Hazards  Hazard Potential: Very Low Source: British Geological Survey, National Geoscience Information Service	C14NW (NW)	0	1	486626 394542
	Potential for Landslide Ground Stability Hazards  Hazard Potential: Very Low Source: British Geological Survey, National Geoscience Information Service	C11SW (NE)	0	1	487294 393728
	Potential for Running Sand Ground Stability Hazards  Hazard Potential: Very Low Source: British Geological Survey, National Geoscience Information Service	C11SW (NE)	0	1	487294 393728
	Potential for Running Sand Ground Stability Hazards  Hazard Potential: Source:  No Hazard British Geological Survey, National Geoscience Information Service	C9SE (W)	0	1	486156 393715
	Potential for Running Sand Ground Stability Hazards  Hazard Potential: Source:  No Hazard British Geological Survey, National Geoscience Information Service	C13SE (NW)	0	1	486242 394198
	Potential for Running Sand Ground Stability Hazards Hazard Potential: Source: No Hazard British Geological Survey, National Geoscience Information Service	C13SE (NW)	0	1	486340 394486
	Potential for Running Sand Ground Stability Hazards  Hazard Potential: Low Source: British Geological Survey, National Geoscience Information Service	C8SE (SE)	42	1	488225 392977
	Potential for Running Sand Ground Stability Hazards Hazard Potential: Source: No Hazard British Geological Survey, National Geoscience Information Service	C13NW (NW)	89	1	485912 394803



#### **Geological**

Map ID		Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	Potential for Shrink	ing or Swelling Clay Ground Stability Hazards				
	Hazard Potential: Source:	No Hazard British Geological Survey, National Geoscience Information Service	C7SW (S)	0	1	487328 393051
	Potential for Shrink	ing or Swelling Clay Ground Stability Hazards				
	Hazard Potential: Source:	Low British Geological Survey, National Geoscience Information Service	C11SW (NE)	0	1	487294 393728
	Potential for Shrink	ing or Swelling Clay Ground Stability Hazards				
	Hazard Potential: Source:	No Hazard British Geological Survey, National Geoscience Information Service	C13SE (NW)	0	1	486340 394486
	Potential for Shrink	ing or Swelling Clay Ground Stability Hazards				
	Hazard Potential: Source:	No Hazard British Geological Survey, National Geoscience Information Service	C13SE (NW)	0	1	486212 394221
	Potential for Shrink	ing or Swelling Clay Ground Stability Hazards				
	Hazard Potential: Source:	No Hazard British Geological Survey, National Geoscience Information Service	C9NE (W)	0	1	486129 393891
	Potential for Shrink	ing or Swelling Clay Ground Stability Hazards				
	Hazard Potential: Source:	Very Low British Geological Survey, National Geoscience Information Service	C8SE (SE)	85	1	488225 392977
	Potential for Shrink	ing or Swelling Clay Ground Stability Hazards				
	Hazard Potential: Source:	No Hazard British Geological Survey, National Geoscience Information Service	C13NW (NW)	146	1	485854 394526
	Potential for Shrink	ing or Swelling Clay Ground Stability Hazards				
	Hazard Potential: Source:	No Hazard British Geological Survey, National Geoscience Information Service	(E)	181	1	488535 393366
	Radon Potential - R	adon Affected Areas				
	Affected Area:	The property is in a Lower probability radon area (less than 1% of homes are estimated to be at or above the Action Level).	C11SW (NE)	0	1	487294 393728
	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	C11SW (NE)	0	1	487294 393728



#### **Industrial Land Use**

Map ID		Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	Contemporary Trad	e Directory Entries				
81	Name: Location: Classification: <b>Status:</b> Positional Accuracy:	Barkers Garage Station Road, Blyton, Gainsborough, Lincolnshire, DN21 3LE Car Breakers & Dismantlers Inactive Automatically positioned to the address	C13SE (NW)	0	-	486137 394443
	Contemporary Trad	e Directory Entries				
81	Name: Location: Classification: <b>Status:</b> Positional Accuracy:	Jones Agricultural Services Ltd Station Road, Blyton, GAINSBOROUGH, Lincolnshire, DN21 3LE Agricultural Engineers Inactive Automatically positioned to the address	C13SE (NW)	0	-	486137 394443
	Contemporary Trad	e Directory Entries				
82	Name: Location: Classification: <b>Status:</b> Positional Accuracy:	A 1 Domestic Appliances 54, Aisby, Gainsborough, DN21 5RF Domestic Appliances - Servicing, Repairs & Parts Inactive Automatically positioned to the address	C7SW (S)	86	-	487336 392924
	Contemporary Trad	e Directory Entries				
83	Name: Location: Classification: <b>Status:</b> Positional Accuracy:	Adansonia Confectionery Engineering Gainsborough, DN21 5RF Confectionery Manufacturers Active Automatically positioned to the address	C7SW (S)	156	-	487262 392905
	Contemporary Trad	e Directory Entries				
84	Name: Location: Classification: <b>Status:</b> Positional Accuracy:	Thorpe Haulage Perseverance Villa, Pilham, Gainsborough, Lincolnshire, DN21 3NU Road Haulage Services Active Automatically positioned to the address	C9SE (W)	207	-	486196 393743

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#### **Sensitive Land Use**

Map ID		Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	Nitrate Vulnerable	Zones				
85	Name: Description: Source:	River Eau From Kirton Lindsey Trib To R Trent Nvz Surface Water Environment Agency, Head Office	C11SW (NE)	0	3	487360 393780
	Nitrate Vulnerable	Zones				
86	Name: Description: Source:	Laughton Drain From Source To River Trent Nvz Surface Water Environment Agency, Head Office	C11SW (NE)	0	3	487294 393728
	Nitrate Vulnerable	Zones				
87	Name: Description: Source:	Lower Witham Nvz Surface Water Environment Agency, Head Office	(S)	0	3	487420 391600

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Agency & Hydrological	Version	Update Cycle
Contaminated Land Register Entries and Notices		
Environment Agency - Head Office	June 2020	Annually
West Lindsey District Council - Environmental Health Department	September 2017	Annual Rolling Update
Discharge Consents		
Environment Agency - Midlands Region	April 2022	Quarterly
Enforcement and Prohibition Notices		
Environment Agency - Anglian Region	March 2013	
ntegrated Pollution Controls		
Environment Agency - Anglian Region	January 2009	
Integrated Pollution Prevention And Control		
Environment Agency - Anglian Region	April 2022	Quarterly
Local Authority Integrated Pollution Prevention And Control		
Nest Lindsey District Council - Environmental Health Department	November 2014	Variable
Local Authority Pollution Prevention and Controls		
West Lindsey District Council - Environmental Health Department	November 2014	Annual Rolling Update
Local Authority Pollution Prevention and Control Enforcements		
West Lindsey District Council - Environmental Health Department	November 2014	Variable
Nearest Surface Water Feature		
Ordnance Survey	May 2022	
Pollution Incidents to Controlled Waters		
Environment Agency - Midlands Region	December 1999	
Environment Agency - Anglian Region	September 1999	
Prosecutions Relating to Authorised Processes		
Environment Agency - Anglian Region	July 2015	
Prosecutions Relating to Controlled Waters		
Environment Agency - Anglian Region	March 2013	
Registered Radioactive Substances		
Environment Agency - Anglian Region	June 2016	As notified
River Quality		
Environment Agency - Head Office	November 2001	Not Applicable
River Quality Biology Sampling Points		
Environment Agency - Head Office	April 2012	
River Quality Chemistry Sampling Points		
Environment Agency - Head Office	April 2012	
Substantiated Pollution Incident Register		
Environment Agency - Anglian Region - Northern Area	April 2022	Quarterly
Water Abstractions	7.5 2022	
Environment Agency - Midlands Region	April 2022	Quarterly
	7,0111 2022	Quartony
<b>Water Industry Act Referrals</b> Environment Agency - Anglian Region	October 2017	
	OCCODET ZUTT	
Groundwater Vulnerability Map Environment Agency - Head Office	June 2018	As notified
	Julie 2010	As Hounted
Groundwater Vulnerability - Soluble Rock Risk	June 2018	As notified
Environment Agency - Head Office	June 2018	AS HOURIED
Bedrock Aquifer Designations	10040	A
Environment Agency - Head Office	January 2018	Annually
Superficial Aquifer Designations		
Environment Agency - Head Office	January 2018	Annually
Source Protection Zones		
Environment Agency - Head Office	May 2021	Bi-Annually

Order Number: 298004566\_1\_1 Date: 06-Jul-2022 rpr\_ec\_datasheet v53.0 A Landmark Information Group Service



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Agency & Hydrological	Version	Update Cycle
Extreme Flooding from Rivers or Sea without Defences		
Environment Agency - Head Office	May 2022	Quarterly
Flooding from Rivers or Sea without Defences		
Environment Agency - Head Office	May 2022	Quarterly
Areas Benefiting from Flood Defences		
Environment Agency - Head Office	May 2022	Quarterly
Flood Water Storage Areas		
Environment Agency - Head Office	May 2022	Quarterly
Flood Defences		
Environment Agency - Head Office	May 2022	Quarterly
OS Water Network Lines		
Ordnance Survey	April 2022	Quarterly
BGS Groundwater Flooding Susceptibility		
British Geological Survey - National Geoscience Information Service	May 2013	As notified
Waste	Version	Update Cycle
BGS Recorded Landfill Sites		
British Geological Survey - National Geoscience Information Service	November 2002	As notified
Historical Landfill Sites		
Environment Agency - Head Office	April 2022	Quarterly
Integrated Pollution Control Registered Waste Sites		
Environment Agency - Anglian Region	January 2009	Not Applicable
Licensed Waste Management Facilities (Landfill Boundaries)		
Environment Agency - Anglian Region - Northern Area	April 2022	Quarterly
Licensed Waste Management Facilities (Locations)		
Environment Agency - Anglian Region - Northern Area	April 2022	Quarterly
Local Authority Landfill Coverage		
Lincolnshire County Council	February 2003	Not Applicable
West Lindsey District Council - Environmental Health Department	February 2003	Not Applicable
Local Authority Recorded Landfill Sites		
Lincolnshire County Council	October 2018	
West Lindsey District Council - Environmental Health Department	October 2018	
Registered Landfill Sites		
Environment Agency - Anglian Region - Northern Area	March 2006	Not Applicable
Registered Waste Transfer Sites		
Environment Agency - Anglian Region - Northern Area	April 2018	
Registered Waste Treatment or Disposal Sites		
Environment Agency - Anglian Region - Northern Area	June 2015	
Environment Agency - Midlands Region - Lower Trent Area	June 2015	



Hazardous Substances	Version	Update Cycle
Control of Major Accident Hazards Sites (COMAH) Health and Safety Executive	January 2022	Bi-Annually
Explosive Sites	,	
Health and Safety Executive	March 2017	Annually
Notification of Installations Handling Hazardous Substances (NIHHS)		
Health and Safety Executive	August 2001	
Planning Hazardous Substance Enforcements Lincolnshire County Council - Highways and Planning Department	August 2010	Variable
West Lindsey District Council	February 2016	Variable
Planning Hazardous Substance Consents Lincolnshire County Council - Highways and Planning Department West Lindsey District Council	August 2007 February 2016	Variable Variable
Geological	Version	Update Cycle
BGS 1:625,000 Solid Geology British Geological Survey - National Geoscience Information Service	January 2009	As notified
BGS Recorded Mineral Sites British Geological Survey - National Geoscience Information Service	May 2022	Bi-Annually
CBSCB Compensation District Cheshire Brine Subsidence Compensation Board (CBSCB) Cheshire Brine Subsidence Compensation Board (CBSCB)	August 2011 November 2020	As notified
Coal Mining Affected Areas		
The Coal Authority - Property Searches	March 2014	Annual Rolling Update
Mining Instability Ove Arup & Partners	June 1998	Not Applicable
Non Coal Mining Areas of Great Britain British Geological Survey - National Geoscience Information Service	May 2015	Not Applicable
Potential for Collapsible Ground Stability Hazards British Geological Survey - National Geoscience Information Service	April 2020	As notified
Potential for Compressible Ground Stability Hazards British Geological Survey - National Geoscience Information Service	January 2019	As notified
Potential for Ground Dissolution Stability Hazards British Geological Survey - National Geoscience Information Service	January 2019	As notified
Potential for Landslide Ground Stability Hazards British Geological Survey - National Geoscience Information Service	January 2019	As notified
Potential for Running Sand Ground Stability Hazards British Geological Survey - National Geoscience Information Service	January 2019	As notified
Potential for Shrinking or Swelling Clay Ground Stability Hazards British Geological Survey - National Geoscience Information Service	January 2019	As notified
Radon Potential - Radon Affected Areas British Geological Survey - National Geoscience Information Service	July 2011	Annually
		+



Industrial Land Use	Version	Update Cycle
Contemporary Trade Directory Entries Thomson Directories	April 2022	Quarterly
Fuel Station Entries Catalist Ltd - Experian	June 2022	Quarterly
Gas Pipelines National Grid	October 2021	Bi-Annually
Underground Electrical Cables National Grid	May 2021	Bi-Annually
Sensitive Land Use	Version	Update Cycle
Ancient Woodland Natural England	February 2021	Bi-Annually
Areas of Adopted Green Belt West Lindsey District Council	October 2020	Quarterly
Areas of Unadopted Green Belt West Lindsey District Council	October 2020	Quarterly
Areas of Outstanding Natural Beauty Natural England	January 2021	Bi-Annually
Environmentally Sensitive Areas Natural England	January 2017	
Forest Parks Forestry Commission	April 1997	Not Applicable
Local Nature Reserves Natural England	February 2021	Bi-Annually
Marine Nature Reserves Natural England	July 2019	Bi-Annually
National Nature Reserves Natural England	January 2021	Bi-Annually
National Parks Natural England	February 2018	Bi-Annually
Nitrate Sensitive Areas Natural England	April 2016	Not Applicable
Nitrate Vulnerable Zones Department for Environment, Food and Rural Affairs (DEFRA - formerly FRCA) Environment Agency - Head Office	April 2016 June 2017	Bi-Annually
Ramsar Sites Natural England	August 2020	Bi-Annually
Sites of Special Scientific Interest Natural England	February 2021	Bi-Annually
Special Areas of Conservation Natural England	July 2020	Bi-Annually
Special Protection Areas Natural England	February 2021	Bi-Annually

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#### **Data Suppliers**

A selection of organisations who provide data within this report

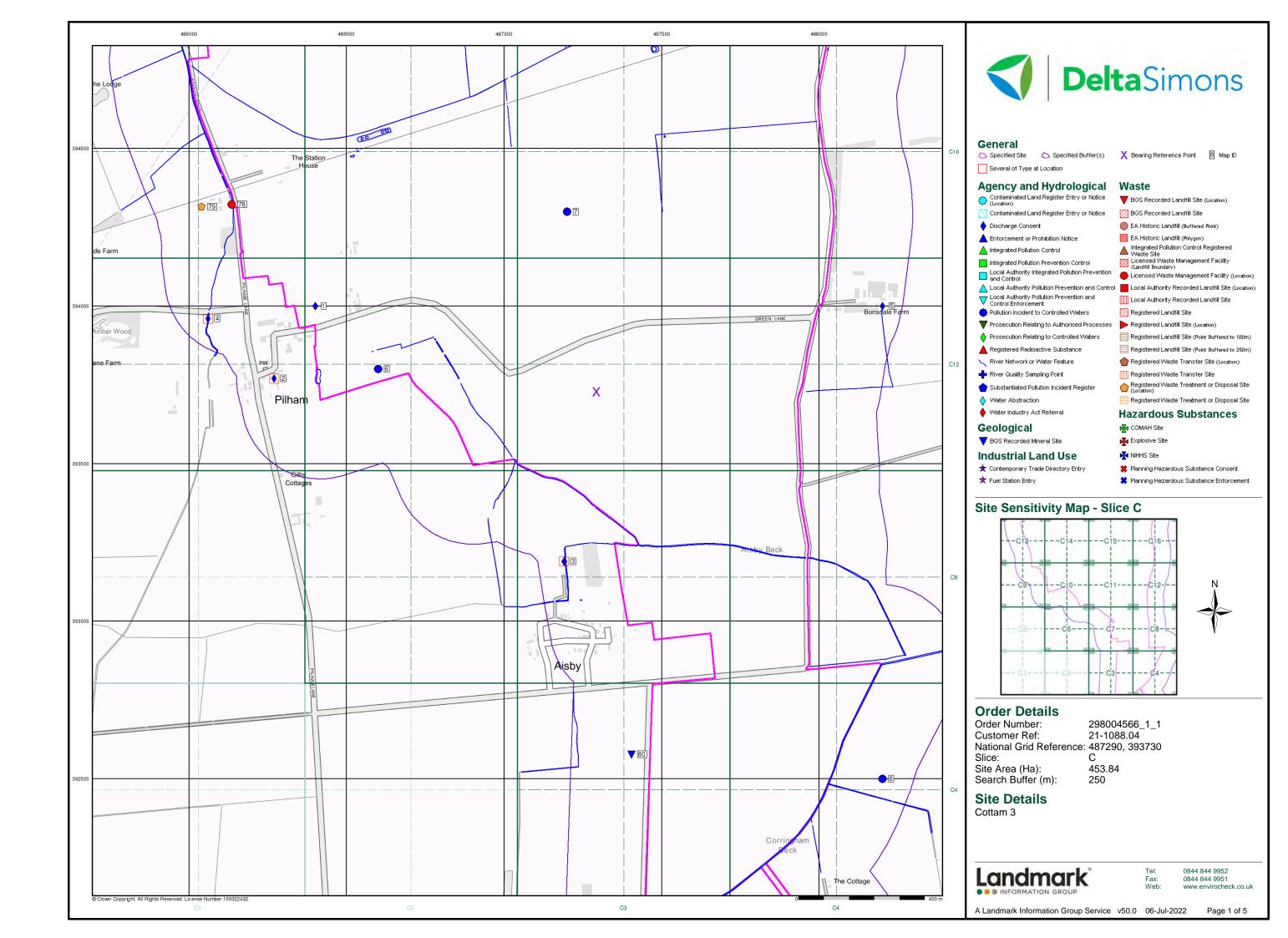
Data Supplier	Data Supplier Logo
Ordnance Survey	Mop data
Environment Agency	Environment
Scottish Environment Protection Agency	SEPA
The Coal Authority	The Coal Authority
British Geological Survey	British Geological Survey NATURAL ENVIRONMENT RESEARCH COUNCIL
Centre for Ecology and Hydrology	Centre for Ecology & Hydrology NATURAL ENVIRONMENT RESEARCH COUNCIL
Natural Resources Wales	Cyfoeth Naturiol Cyfrou Natural Resources Wales
Scottish Natural Heritage	SCOTTISH NATURAL HERITAGE 谜살기
Natural England	NATURAL ENGLAND
Public Health England	Public Health England
Ove Arup	ARUP
Stantec UK Ltd	<b>Stantec</b>

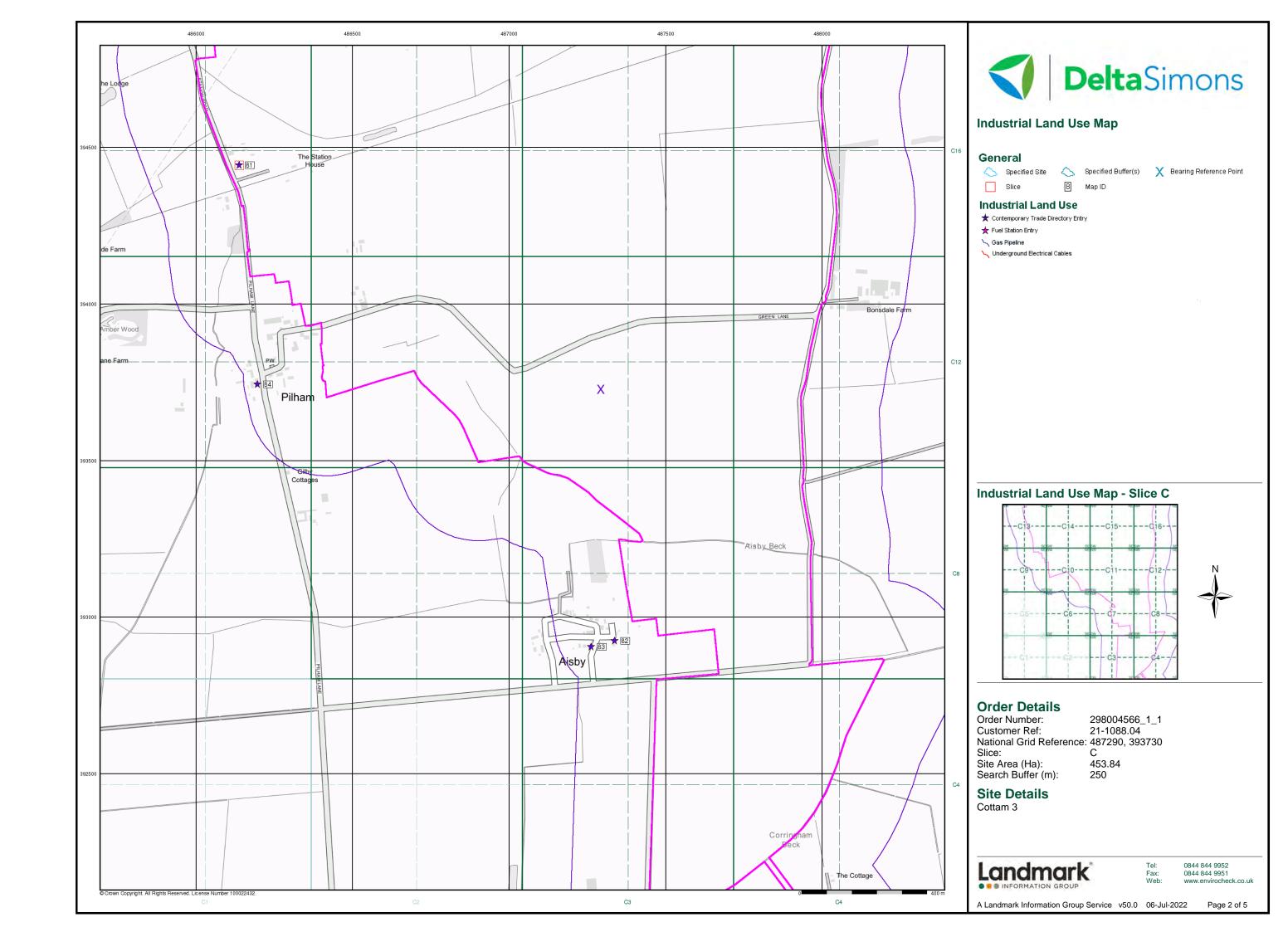


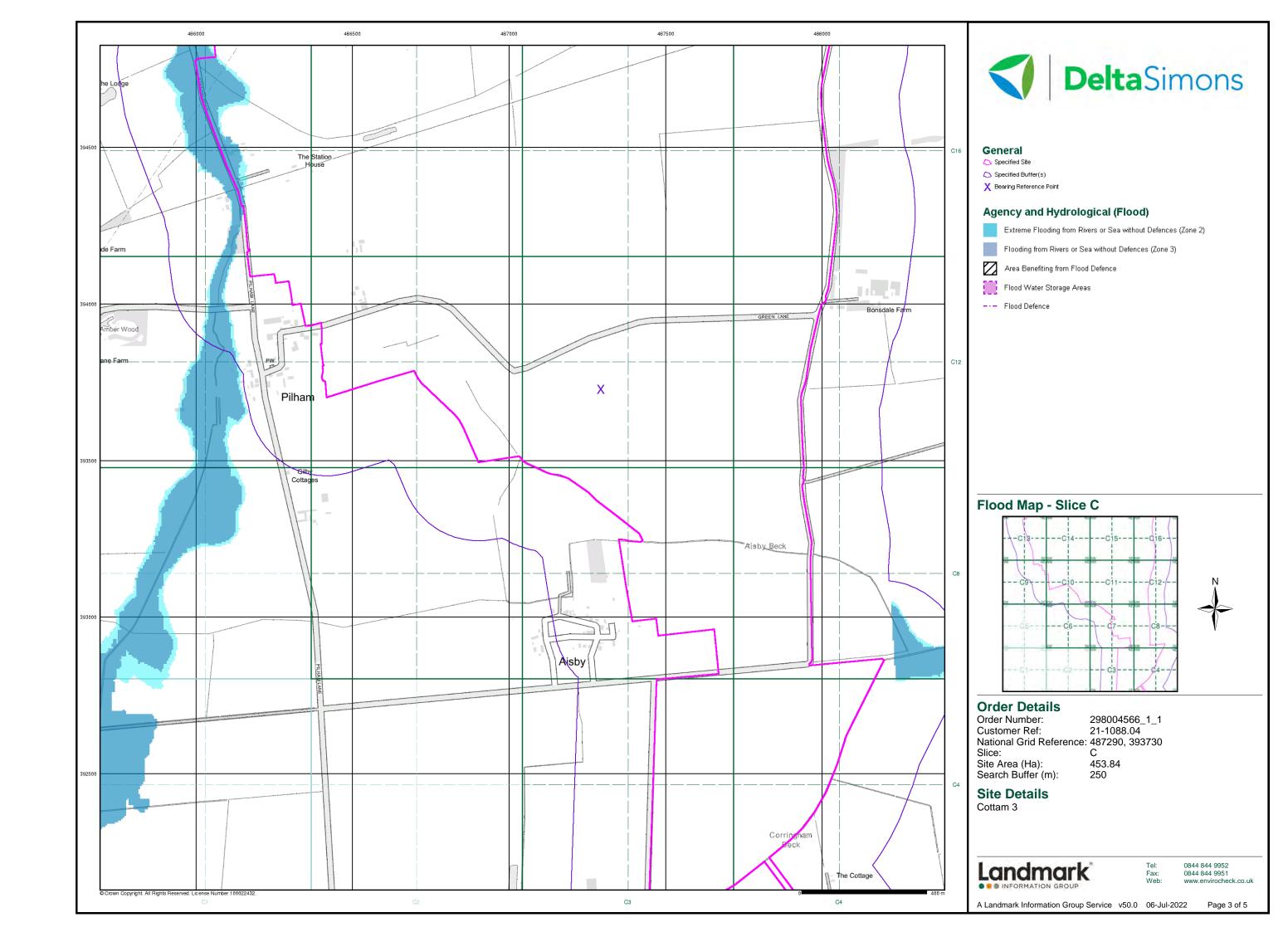
#### **Useful Contacts**

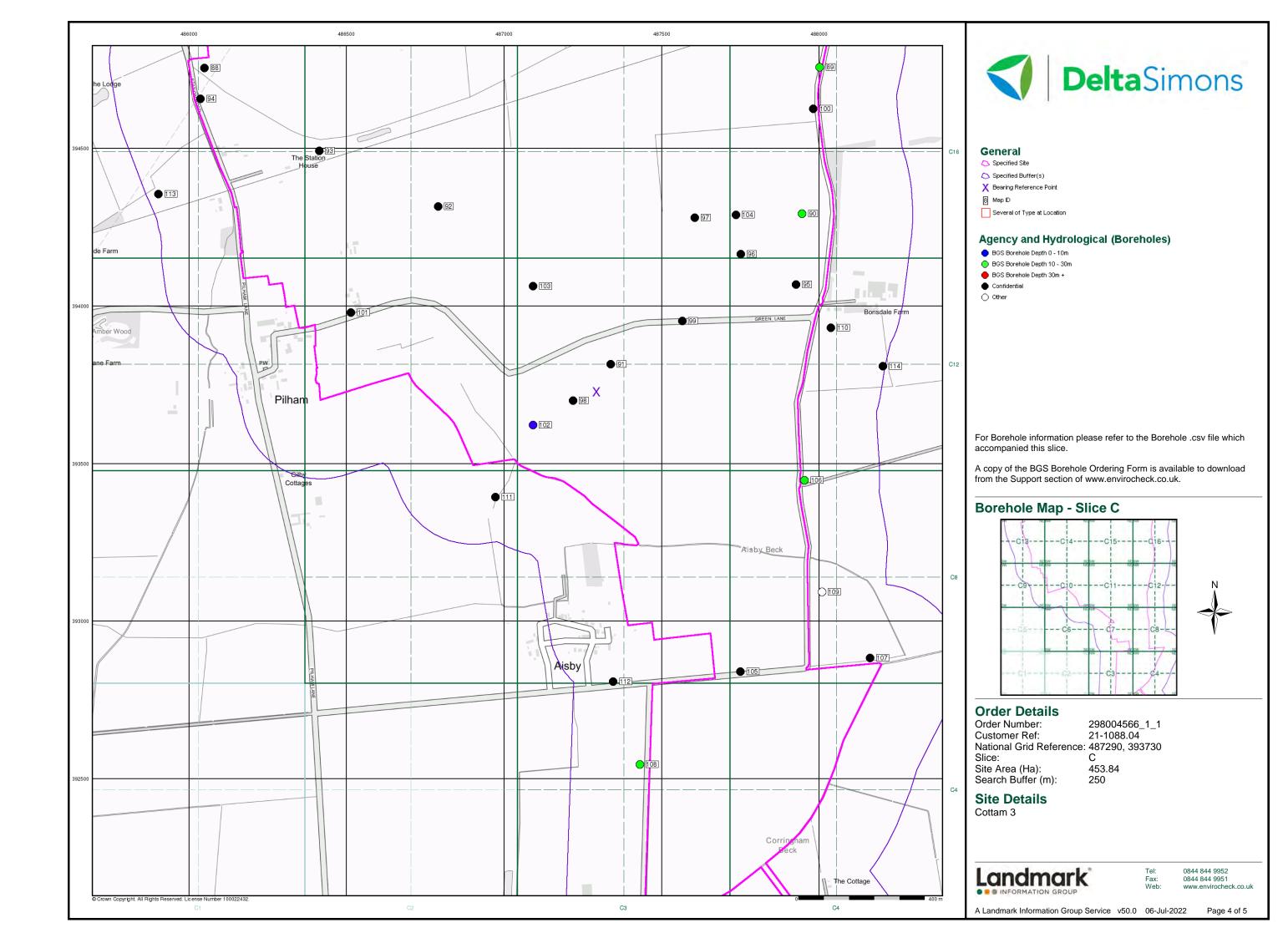
Contact	Name and Address	Contact Details
1	British Geological Survey - Enquiry Service  British Geological Survey, Environmental Science Centre, Keyworth, Nottingham, Nottinghamshire, NG12 5GG	Telephone: 0115 936 3143 Fax: 0115 936 3276 Email: enquiries@bgs.ac.uk Website: www.bgs.ac.uk
2	Environment Agency - National Customer Contact Centre (NCCC) PO Box 544, Templeborough, Rotherham, S60 1BY	Telephone: 03708 506 506 Email: enquiries@environment-agency.gov.uk
3	Environment Agency - Head Office Rio House, Waterside Drive, Aztec West, Almondsbury, Bristol, Avon, BS32 4UD	Telephone: 01454 624400 Fax: 01454 624409
4	Ordnance Survey Adanac Drive, Southampton, Hampshire, SO16 0AS	Telephone: 03456 05 05 05 Email: customerservices@ordnancesurvey.co.uk Website: www.ordnancesurvey.gov.uk
5	West Lindsey District Council - Environmental Health Department The Guildhall, Caskgate Street, Gainsborough, Lincolnshire, DN21 2DH	Telephone: 01427 676676 Fax: 01427 810623 Website: www.west-lindsey.gov.uk
6	Lincolnshire County Council 4th Floor, City Hall, Lincoln, Lincolnshire, LN1 1DN	Telephone: 01522 552222 Fax: 01522 552288 Email: PublicRelations@lincolnshire.gov.uk Website: www.lincolnshire.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

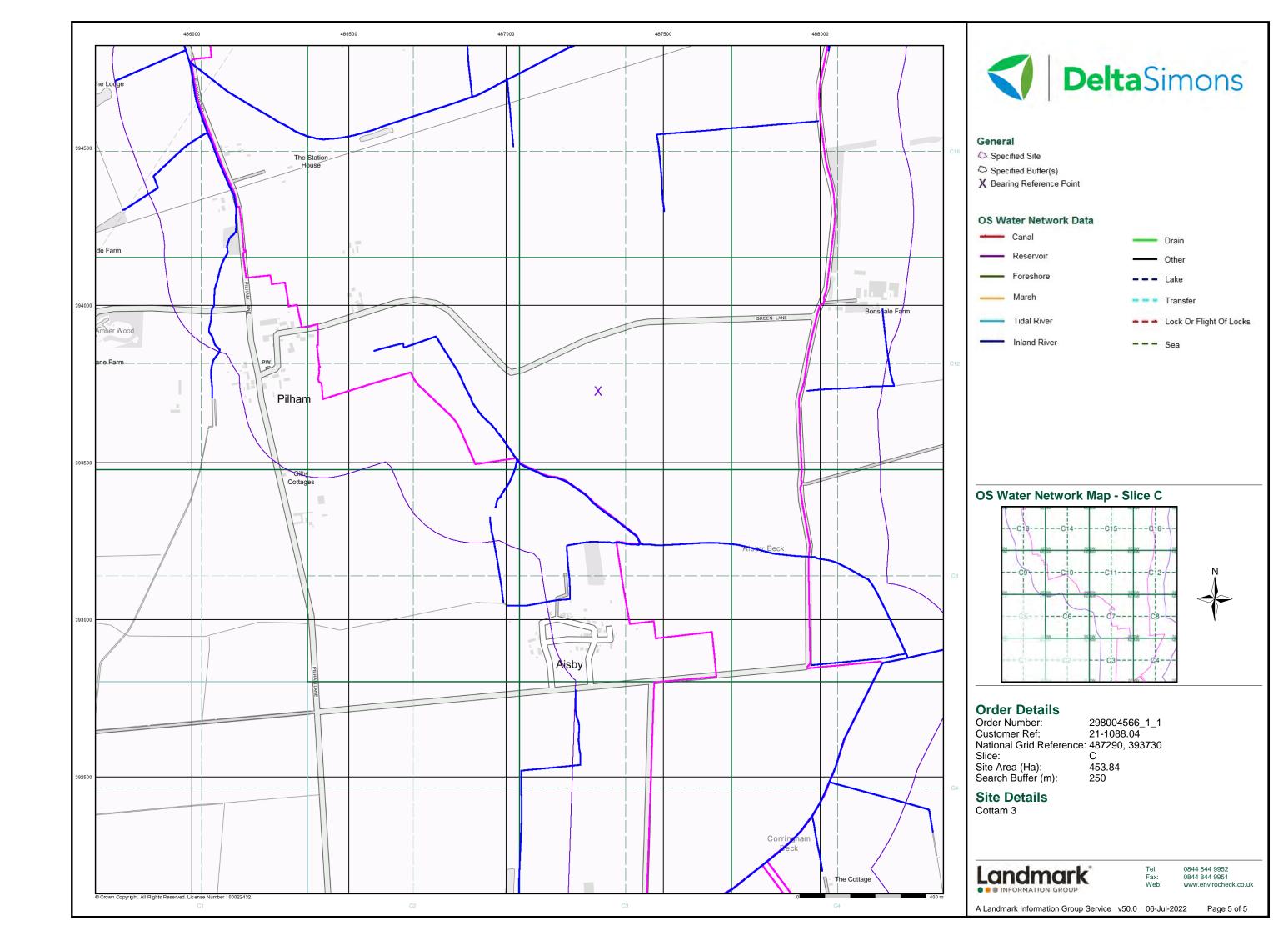
 $Please\ note\ that\ the\ Environment\ Agency\ /\ Natural\ Resources\ Wales\ /\ SEPA\ have\ a\ charging\ policy\ in\ place\ for\ enquiries.$ 

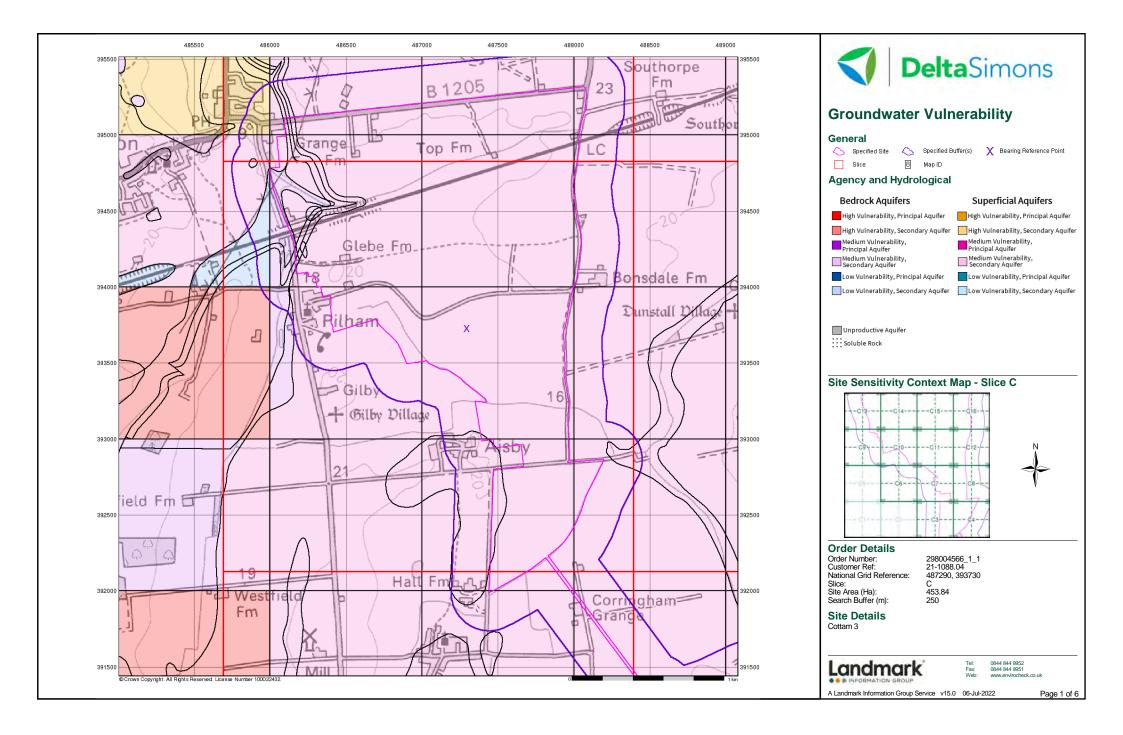


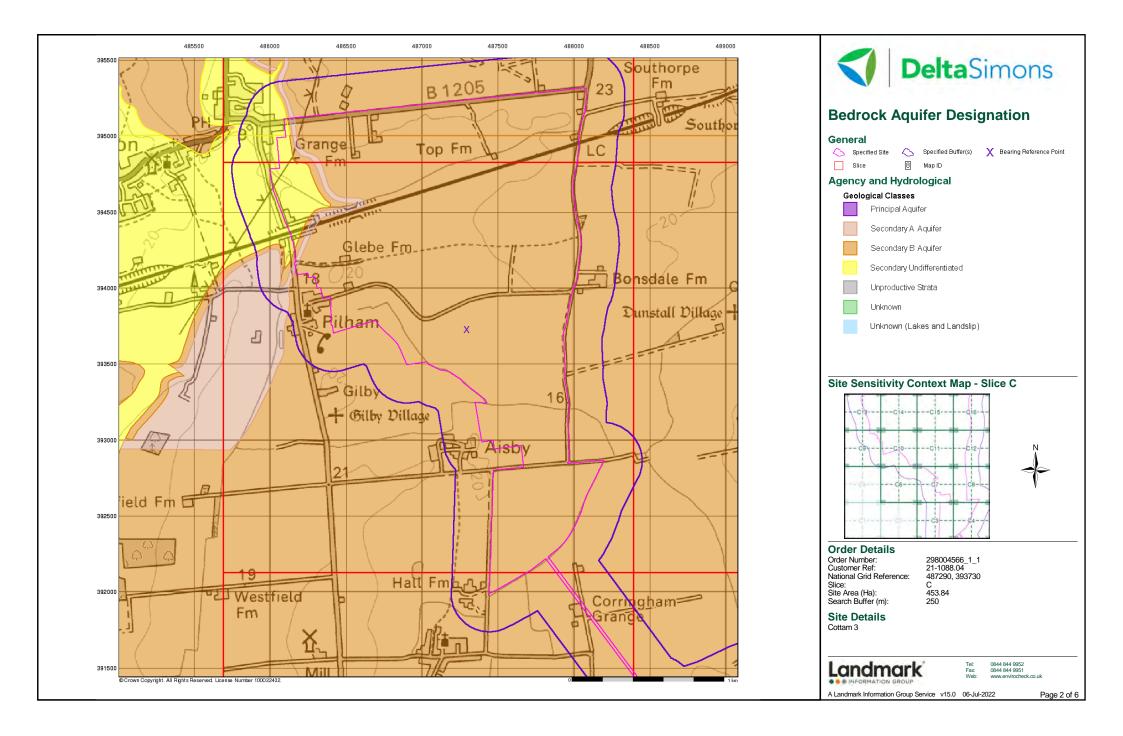


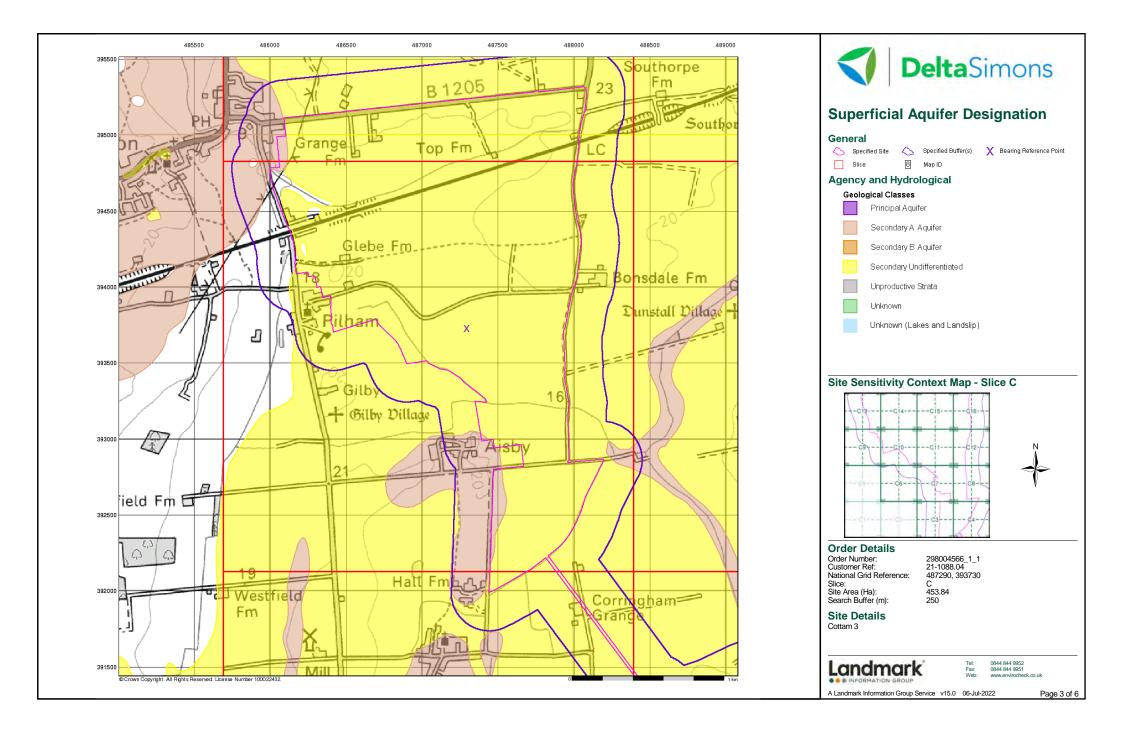


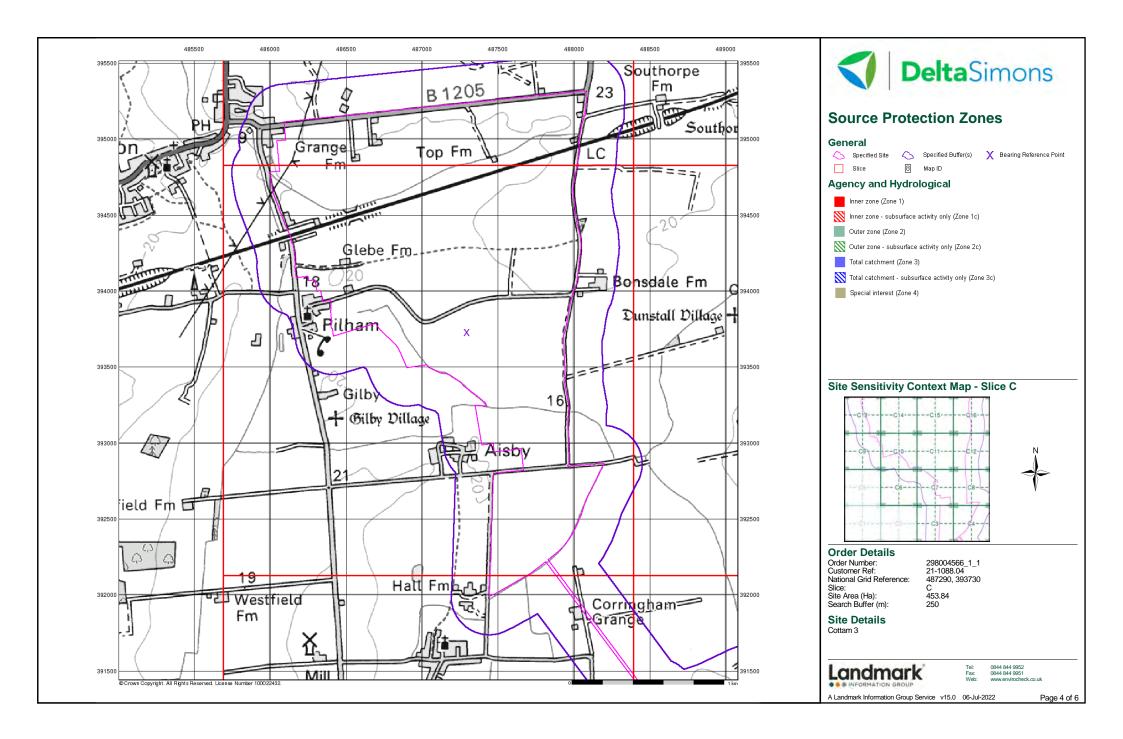


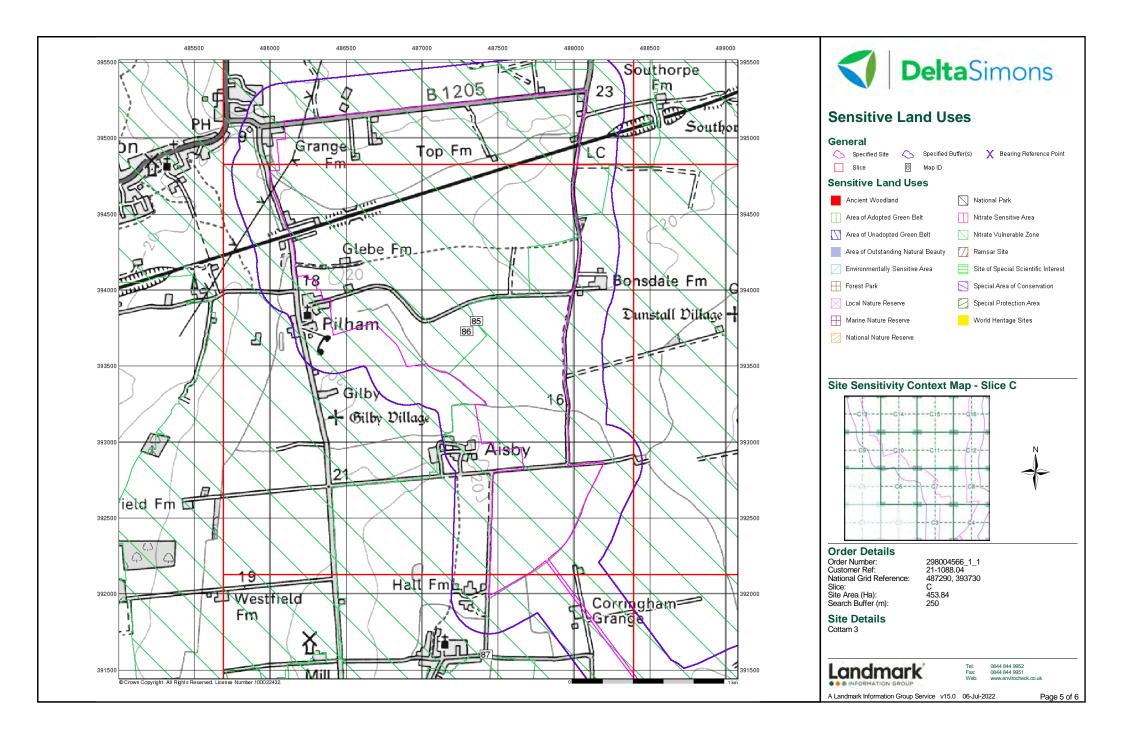


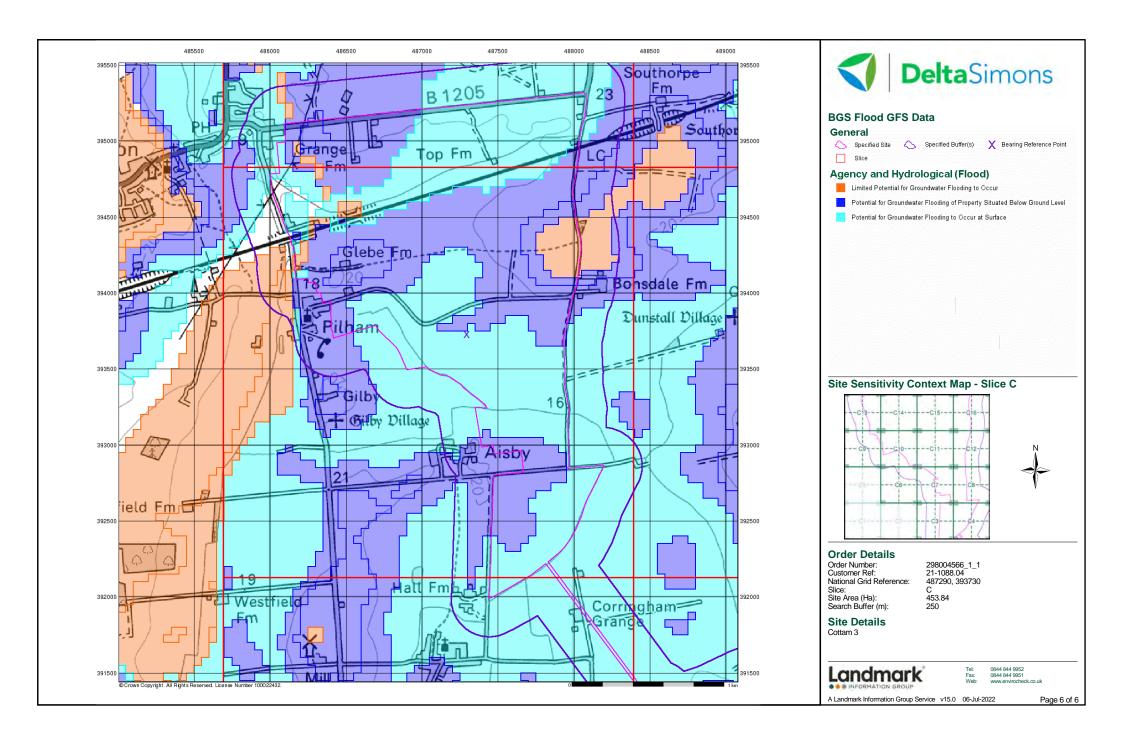














# **Envirocheck® Report:**

### **Datasheet**

### **Order Details:**

**Order Number:** 

298004566\_1\_1

**Customer Reference:** 

21-1088.04

**National Grid Reference:** 

488410, 392860

Slice:

D

Site Area (Ha):

453.84

Search Buffer (m):

250

### **Site Details:**

Cottam 3

### **Client Details:**

Ms M Booth Delta Simons Suite 4A One Portland Street Manchester M1 3BE







Report Section	Page Number
Summary	-
Agency & Hydrological	1
Waste	5
Hazardous Substances	-
Geological	6
Industrial Land Use	-
Sensitive Land Use	7
Data Currency	8
Data Suppliers	12
Useful Contacts	13

#### 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 (*up to 500m)
Agency & Hydrological			
BGS Groundwater Flooding Susceptibility	pg 1	Yes	Yes
Contaminated Land Register Entries and Notices			
Discharge Consents			
Prosecutions Relating to Controlled Waters			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 1		Yes
Pollution Incidents to Controlled Waters			
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			
Water Industry Act Referrals			
Groundwater Vulnerability Map	pg 1	Yes	n/a
Groundwater Vulnerability - Soluble Rock Risk			n/a
Bedrock Aquifer Designations	pg 4	Yes	n/a
Superficial Aquifer Designations	pg 4	Yes	n/a
Source Protection Zones			
Extreme Flooding from Rivers or Sea without Defences	pg 4		Yes
Flooding from Rivers or Sea without Defences	pg 4		Yes
Areas Benefiting from Flood Defences			
Flood Water Storage Areas			
Flood Defences			
OS Water Network Lines	pg 4		3





Data Type	Page Number	On Site	0 to 250m (*up to 500m)
Waste			
BGS Recorded Landfill Sites			
Historical Landfill Sites			
Integrated Pollution Control Registered Waste Sites			
Licensed Waste Management Facilities (Landfill Boundaries)			
Licensed Waste Management Facilities (Locations)			
Local Authority Landfill Coverage	pg 5	2	n/a
Local Authority Recorded Landfill Sites			
Registered Landfill Sites			
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 6	Yes	n/a
BGS Recorded Mineral Sites			
CBSCB Compensation District			n/a
Coal Mining Affected Areas			n/a
Mining Instability			n/a
Man-Made Mining Cavities			
Natural Cavities			
Non Coal Mining Areas of Great Britain			
Potential for Collapsible Ground Stability Hazards	pg 6	Yes	
Potential for Compressible Ground Stability Hazards	pg 6		Yes
Potential for Ground Dissolution Stability Hazards			
Potential for Landslide Ground Stability Hazards	pg 6	Yes	
Potential for Running Sand Ground Stability Hazards	pg 6	Yes	Yes
Potential for Shrinking or Swelling Clay Ground Stability Hazards	pg 6	Yes	Yes
Radon Potential - Radon Affected Areas			n/a
Radon Potential - Radon Protection Measures			n/a



### **Summary**

Industrial Land Use Contemporary Trade Directory Entries Fuel Station Entries Gas Pipelines Underground Electrical Cables Sensitive Land Use Ancient Woodland Areas of Adopted Green Belt Areas of Unadopted Green Belt Areas of Outstanding Natural Beauty			(*up to 500m)
Fuel Station Entries  Gas Pipelines  Underground Electrical Cables  Sensitive Land Use  Ancient Woodland  Areas of Adopted Green Belt  Areas of Unadopted Green Belt			
Gas Pipelines Underground Electrical Cables  Sensitive Land Use  Ancient Woodland  Areas of Adopted Green Belt  Areas of Unadopted Green Belt			
Underground Electrical Cables  Sensitive Land Use  Ancient Woodland  Areas of Adopted Green Belt  Areas of Unadopted Green Belt			
Sensitive Land Use  Ancient Woodland  Areas of Adopted Green Belt  Areas of Unadopted Green Belt			
Ancient Woodland  Areas of Adopted Green Belt  Areas of Unadopted Green Belt			
Areas of Adopted Green Belt  Areas of Unadopted Green Belt			
Areas of Unadopted Green Belt			
Arage of Outstanding Natural Regulty			
reas 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 7	3	
Ramsar Sites			
Sites of Special Scientific Interest			
Special Areas of Conservation			
Special Protection Areas			
World Heritage Sites			



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Map ID		Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	BGS Groundwater Flooding Type:	Flooding Susceptibility Potential for Groundwater Flooding to Occur at Surface	(N)	0	1	488100 395000
	BGS Groundwater Flooding Type:	Flooding Susceptibility Potential for Groundwater Flooding to Occur at Surface	(N)	0	1	487800 394750
	BGS Groundwater Flooding Type:	Flooding Susceptibility Potential for Groundwater Flooding of Property Situated Below Ground Level	(NW)	0	1	487950 393650
	BGS Groundwater Flooding Type:	Flooding Susceptibility Potential for Groundwater Flooding of Property Situated Below Ground Level	(N)	0	1	488150 394050
	BGS Groundwater Flooding Type:	Flooding Susceptibility  Potential for Groundwater Flooding of Property Situated Below Ground Level	(W)	0	1	487950 392860
	BGS Groundwater Flooding Type:	Flooding Susceptibility  Potential for Groundwater Flooding of Property Situated Below Ground Level	(S)	0	1	488850 391450
	BGS Groundwater Flooding Type:	Flooding Susceptibility  Potential for Groundwater Flooding to Occur at Surface	D5SW (S)	0	1	488414 392860
	BGS Groundwater Flooding Type:	Flooding Susceptibility Limited Potential for Groundwater Flooding to Occur	(N)	0	1	488050 394100
	BGS Groundwater Flooding Type:	Flooding Susceptibility Potential for Groundwater Flooding of Property Situated Below Ground Level	(N)	55	1	488350 395000
	Nearest Surface Wa	ater Feature	D5SW (N)	1	-	488400 392904
	Groundwater Vulne	erability Map	(11)			002001
	Combined Classification: Combined Vulnerability: Combined Aquifer:	Secondary Superficial Aquifer - Medium Vulnerability  Medium  Productive Bedrock Aquifer, Productive Superficial Aquifer	(W)	0	2	488000 393000
	Pollutant Speed: Bedrock Flow: Dilution: Baseflow Index: Superficial Patchiness:	Low Well Connected Fractures <300 mm/year 40-70% >90%				
	Superficial Thickness: Superficial Recharge:	3-10m Low				
	Groundwater Vulne	erability Map				
	Combined Classification: Combined Vulnerability:	Secondary Superficial Aquifer - Medium Vulnerability  Medium  Productive Redrock Aquifer Productive Superficial Aquifer	D5SW (N)	0	2	488414 393000
	Combined Aquifer: Pollutant Speed: Bedrock Flow: Dilution: Baseflow Index: Superficial Patchiness: Superficial Thickness:	Productive Bedrock Aquifer, Productive Superficial Aquifer Low Well Connected Fractures <300 mm/year 40-70% >90% 3-10m				
	Superficial Recharge:	Low				



Map ID		Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	Groundwater Vulnerability Map					
	Combined	Secondary Superficial Aquifer - Medium Vulnerability	(SW)	0	2	488389
	Classification: Combined	Medium				392802
	Vulnerability: Combined Aquifer: Pollutant Speed: Bedrock Flow:	Productive Bedrock Aquifer, Productive Superficial Aquifer Low Well Connected Fractures				
	Dilution: Baseflow Index:	<300 mm/year 40-70%				
	Superficial Patchiness: Superficial	>90% 3-10m				
	Thickness: Superficial	Low				
	Recharge:					
	Groundwater Vulne	erability Map				
	Combined Classification:	Secondary Superficial Aquifer - Medium Vulnerability	(W)	0	2	488000 392860
	Combined Vulnerability:	Medium  Pardustina Pardustina Pardustina Pardustina Consettinial Assistan				
	Combined Aquifer: Pollutant Speed: Bedrock Flow:	Productive Bedrock Aquifer, Productive Superficial Aquifer Low Well Connected Fractures				
	Dilution: Baseflow Index: Superficial	<300 mm/year 40-70% >90%				
	Patchiness: Superficial	3-10m				
	Thickness: Superficial Recharge:	Low				
	_	such iliter Man				
	Groundwater Vulne Combined	Secondary Superficial Aquifer - Medium Vulnerability	(N)	0	2	488000
	Classification: Combined Vulnerability:	Medium				395000
	Combined Aquifer: Pollutant Speed:	Productive Bedrock Aquifer, Productive Superficial Aquifer Low				
	Bedrock Flow: Dilution: Baseflow Index:	Well Connected Fractures <300 mm/year 40-70%				
	Superficial Patchiness:	>90%				
	Superficial Thickness:	3-10m				
	Superficial Recharge:	Low				
	Groundwater Vulne	erability Map				
	Combined Classification:	Secondary Superficial Aquifer - Medium Vulnerability	(N)	0	2	488414 395000
	Combined Vulnerability:	Medium				
	Combined Aquifer: Pollutant Speed: Bedrock Flow:	Productive Bedrock Aquifer, Productive Superficial Aquifer Low Well Connected Fractures				
	Dilution: Baseflow Index:	<300 mm/year 40-70%				
	Superficial Patchiness: Superficial	>90% 3-10m				
	Thickness: Superficial	3-10m Low				
	Recharge:					



Map ID		Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	Groundwater Vulne	erability Map				
	Combined	Secondary Superficial Aquifer - Medium Vulnerability	(N)	0	2	488000
	Classification: Combined	Medium				394000
	Vulnerability: Combined Aquifer: Pollutant Speed:	Productive Bedrock Aquifer, Productive Superficial Aquifer				
	Bedrock Flow:	Low Well Connected Fractures				
	Dilution:	<300 mm/year				
	Baseflow Index:	40-70%				
	Superficial Patchiness:	>90%				
	Superficial	3-10m				
	Thickness:					
	Superficial Recharge:	Low				
	Groundwater Vulne	arahility Man				
	Combined	Secondary Superficial Aquifer - Medium Vulnerability	D9NW	0	2	488414
	Classification:		(N)			394000
	Combined	Medium				
	Vulnerability: Combined Aquifer:	Productive Bedrock Aguifer, Productive Superficial Aguifer				
	Pollutant Speed:	Low				
	Bedrock Flow:	Well Connected Fractures				
	Dilution: Baseflow Index:	<300 mm/year 40-70%				
	Superficial	40-70% >90%				
	Patchiness:					
	Superficial	3-10m				
	Thickness: Superficial	Low				
	Recharge:	2011				
	Groundwater Vulne	erability Map				
	Combined	Secondary Superficial Aquifer - Medium Vulnerability	(SW)	0	2	488000
	Classification:	Ma diver				392000
	Combined Vulnerability:	Medium				
	Combined Aquifer:	Productive Bedrock Aquifer, Productive Superficial Aquifer				
	Pollutant Speed:	Low				
	Bedrock Flow: Dilution:	Well Connected Fractures <300 mm/year				
	Baseflow Index:	40-70%				
	Superficial	>90%				
	Patchiness:	0.40				
	Superficial Thickness:	3-10m				
	Superficial	Low				
	Recharge:					
	Groundwater Vulne	•				
	Combined	Secondary Superficial Aquifer - Medium Vulnerability	(S)	0	2	488414
	Classification: Combined	Medium				392000
	Vulnerability:					
	Combined Aquifer:	Productive Bedrock Aquifer, Productive Superficial Aquifer				
	Pollutant Speed: Bedrock Flow:	Low Well Connected Fractures				
	Dilution:	<300 mm/year				
	Baseflow Index:	40-70%				
	Superficial	>90%				
	Patchiness: Superficial	3-10m				
	Thickness:	J-10111				
	Superficial	Low				
	Recharge:					



Order Number: 298004566\_1\_1

# **Agency & Hydrological**

Page 4 of 13

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	Groundwater Vulnerability Map  Combined Secondary Superficial Aquifer - Medium Vulnerability Classification: Combined Medium Vulnerability:	(SE)	0	2	489000 392000
	Combined Aquifer: Pollutant Speed: Bedrock Flow: Well Connected Fractures Oilution: Baseflow Index: Superficial Patchiness: Superficial Thickness: Superficial Recharge: Productive Bedrock Aquifer, Productive Superficial Aquifer Well Connected Fractures 300 mm/year 40-70% >90% Superficial 3-10m Thickness: Superficial Low Recharge:				
	Groundwater Vulnerability - Soluble Rock Risk None				
	Bedrock Aquifer Designations  Aquifer Designation: Secondary Aquifer - B	(N)	0	2	488414 395000
	Bedrock Aquifer Designations  Aquifer Designation: Secondary Aquifer - B  Superficial Aquifer Designations	D5SW (S)	0	2	488414 392860
	Aquifer Designation: Secondary Aquifer - Undifferentiated	(SW)	0	2	488389 392802
	Superficial Aquifer Designations  Aquifer Designation: Secondary Aquifer - Undifferentiated	(N)	0	2	488414 395000
	Extreme Flooding from Rivers or Sea without Defences  Type: Extent of Extreme Flooding from Rivers or Sea without Defences Flood Plain Type: Fluvial Models Boundary Accuracy: As Supplied	D5SW (S)	33	3	488414 392860
	Flooding from Rivers or Sea without Defences  Type: Extent of Flooding from Rivers or Sea without Defences Flood Plain Type: Fluvial Models Boundary Accuracy: As Supplied	D5SW (S)	33	3	488414 392860
	Areas Benefiting from Flood Defences None				
	Flood Water Storage Areas None				
	Flood Defences None				
1	OS Water Network Lines  Watercourse Form: Inland river  Watercourse Level: On ground surface Permanent: True  Watercourse Name: Corringham Beck Catchment Name: Primacy: 1	D5SW (N)	81	4	488399 392906
2	OS Water Network Lines  Watercourse Form: Inland river Watercourse Length: 5.5 Watercourse Level: Underground Permanent: True Watercourse Name: Corringham Beck Catchment Name: Trent Primacy: 1	D5SW (N)	206	4	488405 392906
3	OS Water Network Lines  Watercourse Form: Inland river Watercourse Length: 79.4 Watercourse Level: On ground surface Permanent: True Watercourse Name: Corringham Beck Catchment Name: Trent Primacy: 1	D5SW (N)	212	4	488409 392907





Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	Local Authority Landfill Coverage				
	Name: West Lindsey District Council - Has no landfill data to supply		0	5	488414 392860
	Local Authority Landfill Coverage				
	Name: Lincolnshire County Council - Had landfill data but passed it to the relevant environment agency		0	6	488414 392860

Order Number: 298004566\_1\_1 Date: 06-Jul-2022 rpr\_ec\_datasheet v53.0 A Landmark Information Group Service Page 5 of 13



## **Geological**

Vlap ID		Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	BGS 1:625,000 Soli	d Geology				
	Description:	Lias Group	D5SW (S)	0	1	488414 392860
	Coal Mining Affecte		(0)			332000
	+	not be affected by coal mining				
	Non Coal Mining Ar No Hazard	eas of Great Britain				
	Potential for Collap	sible Ground Stability Hazards				
	Hazard Potential: Source:	Very Low British Geological Survey, National Geoscience Information Service	(SW)	0	1	488389 392802
	Potential for Collap	sible Ground Stability Hazards				
	Hazard Potential: Source:	No Hazard British Geological Survey, National Geoscience Information Service	D5SW (S)	42	1	488414 392860
	Potential for Comp	ressible Ground Stability Hazards				
	Hazard Potential: Source:	No Hazard British Geological Survey, National Geoscience Information Service	(SW)	0	1	488389 392802
	Potential for Comp	ressible Ground Stability Hazards				
	Hazard Potential: Source:	Moderate British Geological Survey, National Geoscience Information Service	D5SW (S)	42	1	488414 392860
	Potential for Groun	d Dissolution Stability Hazards				
	Hazard Potential: Source:	No Hazard British Geological Survey, National Geoscience Information Service	D5SW (S)	0	1	488414 392860
	Potential for Lands	lide Ground Stability Hazards				
	Hazard Potential: Source:	Very Low British Geological Survey, National Geoscience Information Service	D5SW (S)	0	1	488414 392860
	Potential for Runni	ng Sand Ground Stability Hazards				
	Hazard Potential: Source:	Very Low British Geological Survey, National Geoscience Information Service	(SW)	0	1	488389 392802
	Potential for Runni	ng Sand Ground Stability Hazards				
	Hazard Potential: Source:	Low British Geological Survey, National Geoscience Information Service	D5SW (S)	42	1	488414 392860
	Potential for Shrink	ing or Swelling Clay Ground Stability Hazards				
	Hazard Potential: Source:	Low British Geological Survey, National Geoscience Information Service	(SW)	0	1	488389 392802
	Potential for Shrink	ing or Swelling Clay Ground Stability Hazards				
	Hazard Potential: Source:	Very Low British Geological Survey, National Geoscience Information Service	D5SW (S)	85	1	488414 392860
	Potential for Shrink	ing or Swelling Clay Ground Stability Hazards			<u> </u>	
	Hazard Potential: Source:	No Hazard British Geological Survey, National Geoscience Information Service	(N)	181	1	488388 392938
	Radon Potential - R	adon Affected Areas				
	Affected Area: Source:	The property is in a Lower probability radon area (less than 1% of homes are estimated to be at or above the Action Level).  British Geological Survey, National Geoscience Information Service	D5SW (S)	0	1	488414 392860
		adon Protection Measures  No radon protective measures are necessary in the construction of new dwellings or extensions	D5SW (S)	0	1	488414 392860
	Source:	British Geological Survey, National Geoscience Information Service	(3)			392000



### **Sensitive Land Use**

Map ID		Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	Nitrate Vulnerab	ole Zones				
4	Name: Description: Source:	River Eau From Kirton Lindsey Trib To R Trent Nvz Surface Water Environment Agency, Head Office	D5SW (S)	0	2	488414 392860
	Nitrate Vulnerab	ole Zones				
5	Name: Description: Source:	Laughton Drain From Source To River Trent Nvz Surface Water Environment Agency, Head Office	(W)	0	2	487427 393242
	Nitrate Vulnerab	ole Zones				
6	Name: Description: Source:	Lower Witham Nvz Surface Water Environment Agency, Head Office	(SW)	0	2	487746 391561

Order Number: 298004566\_1\_1 Date: 06-Jul-2022 rpr\_ec\_datasheet v53.0 A Landmark Information Group Service Page 7 of 13



Agency & Hydrological	Version	Update Cycle
Contaminated Land Register Entries and Notices		
Environment Agency - Head Office	June 2020	Annually
North Lincolnshire Council - Environmental Protection Team	September 2017	Annual Rolling Update
West Lindsey District Council - Environmental Health Department	September 2017	Annual Rolling Update
Discharge Consents Environment Agency - Midlands Region	April 2022	Quarterly
Enforcement and Prohibition Notices		
Environment Agency - Anglian Region	March 2013	
Integrated Pollution Controls		
Environment Agency - Anglian Region	January 2009	
Integrated Pollution Prevention And Control		
Environment Agency - Anglian Region	April 2022	Quarterly
Local Authority Integrated Pollution Prevention And Control		
North Lincolnshire Council - Environmental Protection Team	March 2015	Variable
West Lindsey District Council - Environmental Health Department	November 2014	Variable
Local Authority Pollution Prevention and Controls	November 2011	Variable
North Lincolnshire Council - Environmental Protection Team	March 2015	Annual Rolling Update
West Lindsey District Council - Environmental Health Department	November 2014	Annual Rolling Update
·	November 2014	7 imaar Roining Opaate
Local Authority Pollution Prevention and Control Enforcements  North Lincolnshire Council - Environmental Protection Team	March 2015	Variable
West Lindsey District Council - Environmental Health Department	November 2014	Variable
	November 2014	Variable
Nearest Surface Water Feature	May 2022	
Ordnance Survey	May 2022	
Pollution Incidents to Controlled Waters		
Environment Agency - Midlands Region	December 1999	
Prosecutions Relating to Authorised Processes		
Environment Agency - Anglian Region	July 2015	
Prosecutions Relating to Controlled Waters		
Environment Agency - Anglian Region	March 2013	
Registered Radioactive Substances		
Environment Agency - Anglian Region	June 2016	As notified
River Quality		
Environment Agency - Head Office	November 2001	Not Applicable
River Quality Biology Sampling Points		
Environment Agency - Head Office	April 2012	
River Quality Chemistry Sampling Points		
Environment Agency - Head Office	April 2012	
Substantiated Pollution Incident Register		
Environment Agency - Anglian Region - Northern Area	April 2022	Quarterly
Water Abstractions	·	<u> </u>
Environment Agency - Midlands Region	April 2022	Quarterly
		200.10119
Water Industry Act Referrals Environment Agency - Anglian Region	October 2017	
	October 2017	
Groundwater Vulnerability Map	June 2018	As notified
Environment Agency - Head Office	Julie 2010	AS HOUNEU
Bedrock Aquifer Designations	1	A
Environment Agency - Head Office	January 2018	Annually
Superficial Aquifer Designations		
Environment Agency - Head Office	January 2018	Annually
Source Protection Zones		
Environment Agency - Head Office	May 2021	Bi-Annually

Order Number: 298004566\_1\_1 Date: 06-Jul-2022 rpr\_ec\_datasheet v53.0 A Landmark Information Group Service



Agency & Hydrological	Version	Update Cycle
Extreme Flooding from Rivers or Sea without Defences		
Environment Agency - Head Office	May 2022	Quarterly
Flooding from Rivers or Sea without Defences		
Environment Agency - Head Office	May 2022	Quarterly
Areas Benefiting from Flood Defences		
Environment Agency - Head Office	May 2022	Quarterly
Flood Water Storage Areas		
Environment Agency - Head Office	May 2022	Quarterly
Flood Defences		
Environment Agency - Head Office	May 2022	Quarterly
OS Water Network Lines		
Ordnance Survey	April 2022	Quarterly
BGS Groundwater Flooding Susceptibility		
British Geological Survey - National Geoscience Information Service	May 2013	As notified
Waste	Version	Update Cycle
BGS Recorded Landfill Sites		
British Geological Survey - National Geoscience Information Service	November 2002	As notified
Historical Landfill Sites		
Environment Agency - Head Office	April 2022	Quarterly
Integrated Pollution Control Registered Waste Sites		
Environment Agency - Anglian Region	January 2009	Not Applicable
Licensed Waste Management Facilities (Landfill Boundaries)		
Environment Agency - Anglian Region - Northern Area	April 2022	Quarterly
Licensed Waste Management Facilities (Locations)		
Environment Agency - Anglian Region - Northern Area	April 2022	Quarterly
Local Authority Landfill Coverage		
Lincolnshire County Council	February 2003	Not Applicable
North Lincolnshire Council - Environmental Protection Team	February 2003	Not Applicable
West Lindsey District Council - Environmental Health Department	February 2003	Not Applicable
Local Authority Recorded Landfill Sites		
Lincolnshire County Council	October 2018	
North Lincolnshire Council - Environmental Protection Team	October 2018	
West Lindsey District Council - Environmental Health Department	October 2018	
Registered Landfill Sites		
Environment Agency - Anglian Region - Northern Area	March 2006	Not Applicable
Registered Waste Transfer Sites		
Environment Agency - Anglian Region - Northern Area	April 2018	
Registered Waste Treatment or Disposal Sites		
Environment Agency - Anglian Region - Northern Area	June 2015	



Hazardous Substances	Version	Update Cycle
Control of Major Accident Hazards Sites (COMAH)		
Health and Safety Executive	January 2022	Bi-Annually
Explosive Sites		
Health and Safety Executive	March 2017	Annually
Notification of Installations Handling Hazardous Substances (NIHHS)		
Health and Safety Executive	August 2001	
Planning Hazardous Substance Enforcements		
Lincolnshire County Council - Highways and Planning Department	August 2010	Variable
West Lindsey District Council	February 2016	Variable
North Lincolnshire Council - Planning Department	October 2015	Variable
Planning Hazardous Substance Consents		
Lincolnshire County Council - Highways and Planning Department	August 2007	Variable
West Lindsey District Council	February 2016	Variable
North Lincolnshire Council - Planning Department	October 2015	Variable
Geological	Version	Update Cycle
BGS 1:625,000 Solid Geology		
British Geological Survey - National Geoscience Information Service	January 2009	As notified
BGS Recorded Mineral Sites		
British Geological Survey - National Geoscience Information Service	May 2022	Bi-Annually
CBSCB Compensation District		
Cheshire Brine Subsidence Compensation Board (CBSCB)	August 2011	
Cheshire Brine Subsidence Compensation Board (CBSCB)	November 2020	As notified
Coal Mining Affected Areas		
The Coal Authority - Property Searches	March 2014	Annual Rolling Update
Mining Instability		
Ove Arup & Partners	June 1998	Not Applicable
Non Coal Mining Areas of Great Britain		
British Geological Survey - National Geoscience Information Service	May 2015	Not Applicable
Potential for Collapsible Ground Stability Hazards		
British Geological Survey - National Geoscience Information Service	April 2020	As notified
Potential for Compressible Ground Stability Hazards		
British Geological Survey - National Geoscience Information Service	January 2019	As notified
Potential for Ground Dissolution Stability Hazards		
British Geological Survey - National Geoscience Information Service	January 2019	As notified
Potential for Landslide Ground Stability Hazards		
British Geological Survey - National Geoscience Information Service	January 2019	As notified
	53.11dai y 2010	, 13 110111104
Potential for Running Sand Ground Stability Hazards British Geological Survey - National Geoscience Information Service	January 2019	As notified
	January 2019	As notined
Potential for Shrinking or Swelling Clay Ground Stability Hazards	Je 0040	A =
British Geological Survey - National Geoscience Information Service	January 2019	As notified
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

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Industrial Land Use	Version	Update Cycle
Contemporary Trade Directory Entries		
Thomson Directories	April 2022	Quarterly
Fuel Station Entries		
Catalist Ltd - Experian	June 2022	Quarterly
Gas Pipelines National Grid	October 2021	Bi-Annually
	October 2021	Di-Ailliually
Jnderground Electrical Cables National Grid	May 2021	Bi-Annually
Sensitive Land Use	Version	Update Cycle
	70101011	opaalo oyolo
Ancient Woodland Natural England	February 2021	Bi-Annually
Areas of Adopted Green Belt		
North Lincolnshire Council	October 2020	Quarterly
West Lindsey District Council	October 2020	Quarterly
Areas of Unadopted Green Belt		
North Lincolnshire Council	October 2020	Quarterly
West Lindsey District Council	October 2020	Quarterly
Areas of Outstanding Natural Beauty		
Natural England	January 2021	Bi-Annually
Environmentally Sensitive Areas		
Natural England	January 2017	
Forest Parks	A = = 1 4007	Niet Augulianista
Forestry Commission	April 1997	Not Applicable
Local Nature Reserves	Fabruary 2021	Di Annually
Natural England	February 2021	Bi-Annually
Marine Nature Reserves Natural England	July 2019	Bi-Annually
National Nature Reserves	July 2019	Di-Ailliually
Natural England	January 2021	Bi-Annually
National Parks	January 2021	Di Ailitaany
Natural England	February 2018	Bi-Annually
Nitrate Sensitive Areas		
Natural England	April 2016	Not Applicable
Nitrate Vulnerable Zones	'	
Department for Environment, Food and Rural Affairs (DEFRA - formerly FRCA)	April 2016	
Environment Agency - Head Office	June 2017	Bi-Annually
Ramsar Sites		
Natural England	August 2020	Bi-Annually
Sites of Special Scientific Interest		
Natural England	February 2021	Bi-Annually
Special Areas of Conservation		
Natural England	July 2020	Bi-Annually
Special Protection Areas		
Natural England	February 2021	Bi-Annually



### **Data Suppliers**

A selection of organisations who provide data within this report

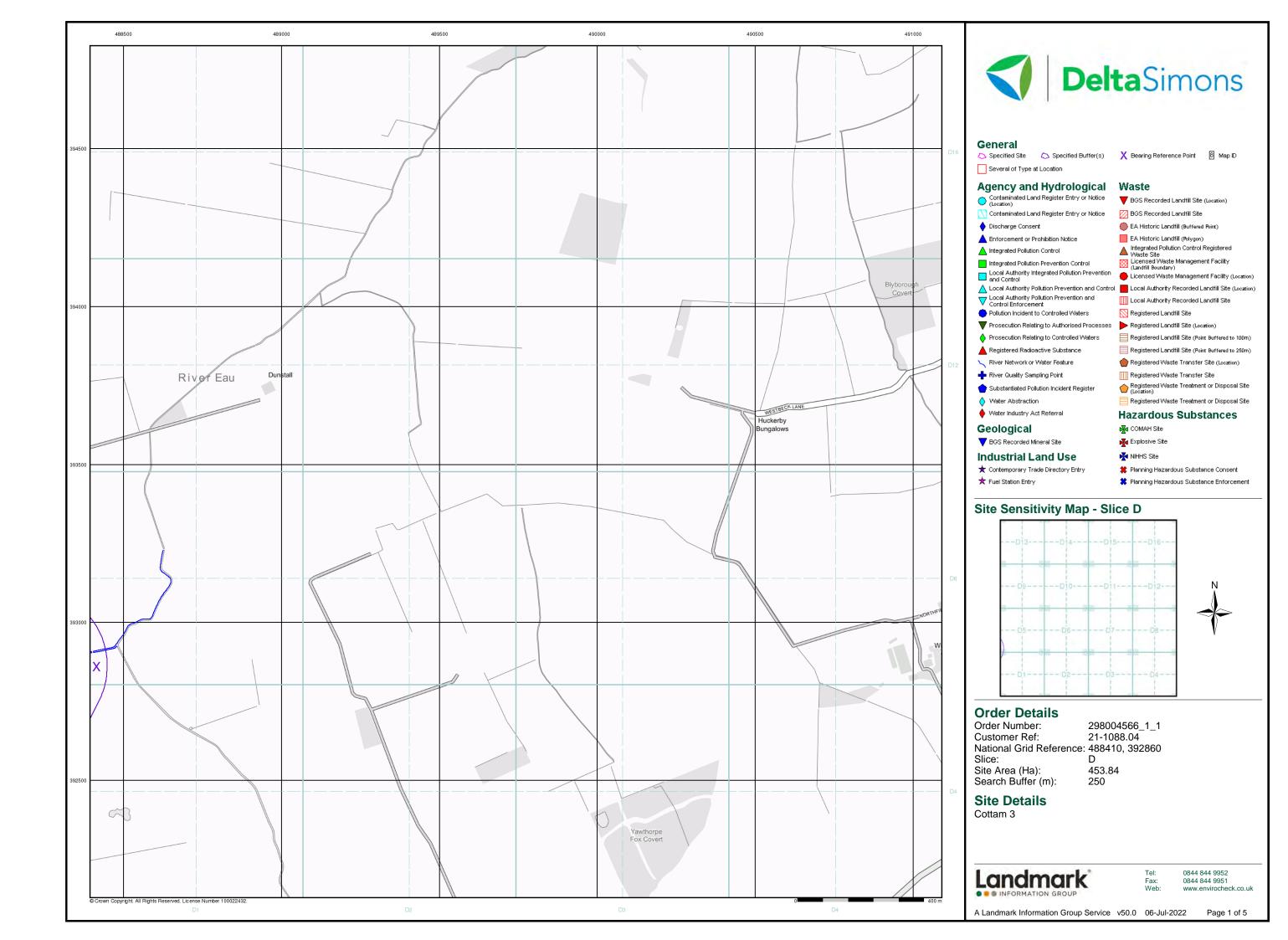
Data Supplier	Data Supplier Logo
Ordnance Survey	Mop data
Environment Agency	Environment
Scottish Environment Protection Agency	SEPA
The Coal Authority	The Coal Authority
British Geological Survey	British Geological Survey NATURAL ENVIRONMENT RESEARCH COUNCIL
Centre for Ecology and Hydrology	Centre for Ecology & Hydrology NATURAL ENVIRONMENT RESEARCH COUNCIL
Natural Resources Wales	Cyloeth Naturiol Cymru Natural Resources Wales
Scottish Natural Heritage	SCOTTISH NATURAL HERITAGE 迎念詞
Natural England	NATURAL ENGLAND
Public Health England	Public Health England
Ove Arup	ARUP
Stantec UK Ltd	<b>Stantec</b>

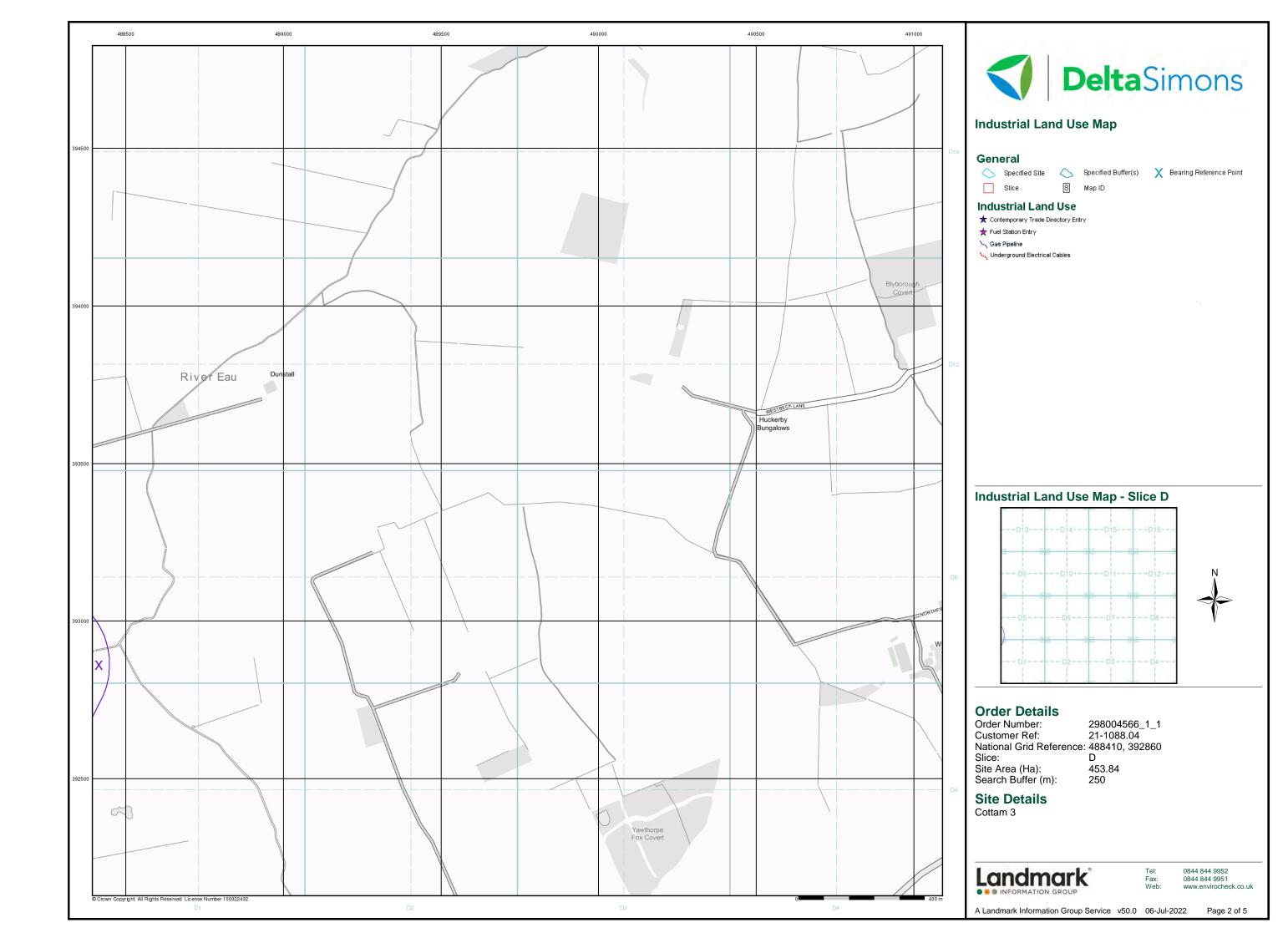


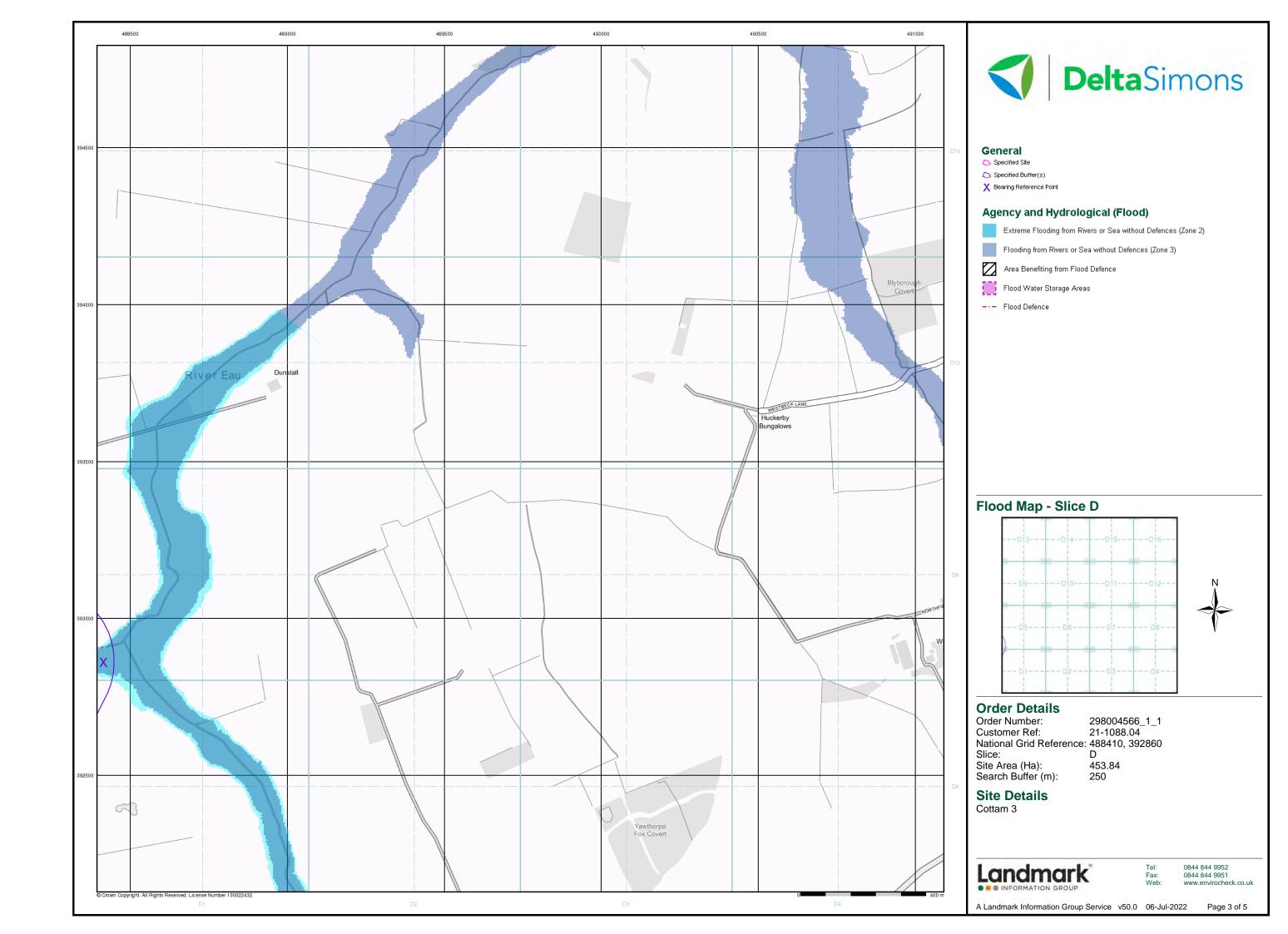
### **Useful Contacts**

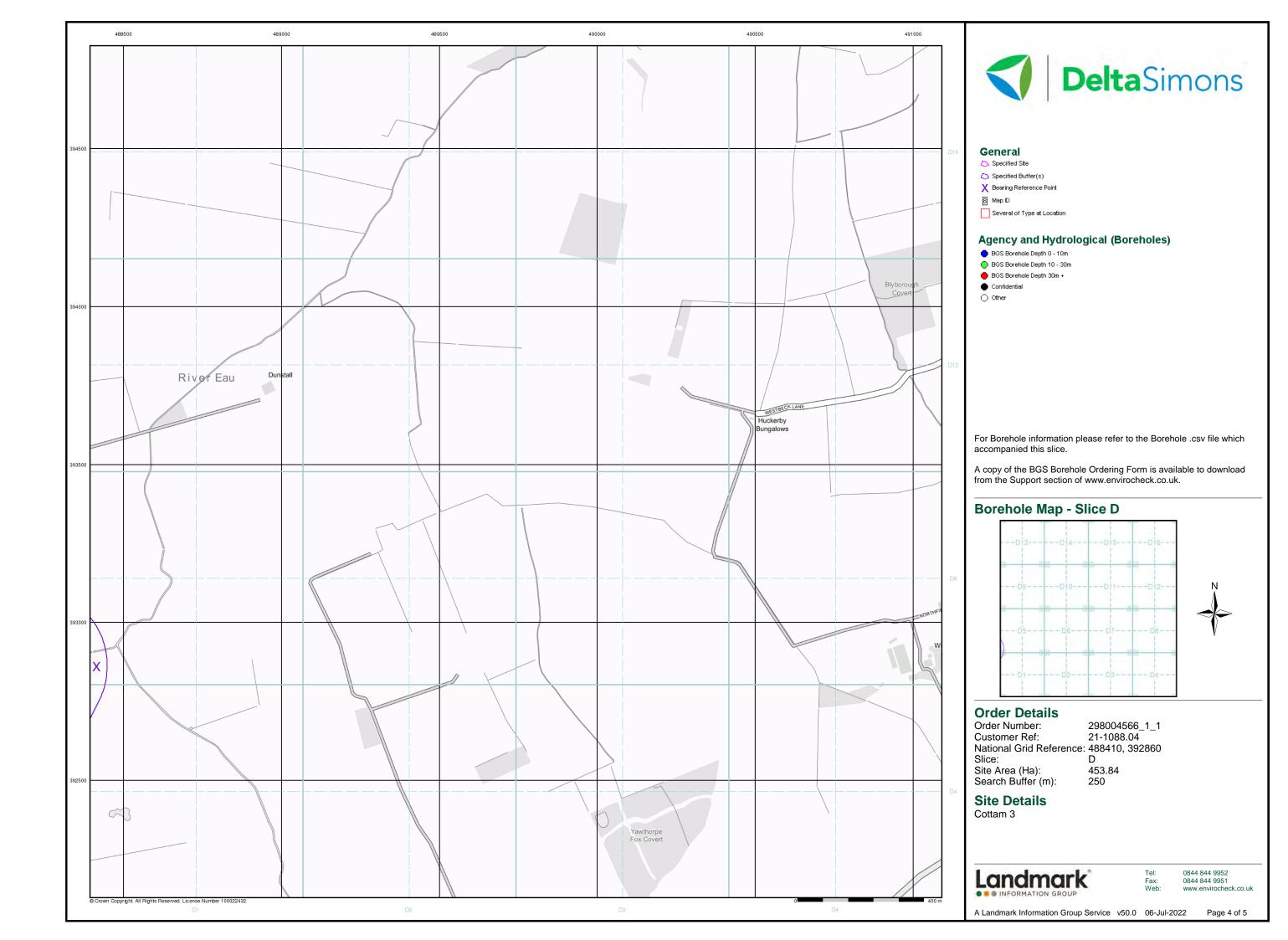
Contact	Name and Address	Contact Details
1	British Geological Survey - Enquiry Service  British Geological Survey, Environmental Science Centre, Keyworth, Nottingham, Nottinghamshire, NG12 5GG	Telephone: 0115 936 3143 Fax: 0115 936 3276 Email: enquiries@bgs.ac.uk Website: www.bgs.ac.uk
2	Environment Agency - Head Office Rio House, Waterside Drive, Aztec West, Almondsbury, Bristol, Avon, BS32 4UD	Telephone: 01454 624400 Fax: 01454 624409
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	Ordnance Survey Adanac Drive, Southampton, Hampshire, SO16 0AS	Telephone: 03456 05 05 05 Email: customerservices@ordnancesurvey.co.uk Website: www.ordnancesurvey.gov.uk
5	West Lindsey District Council - Environmental Health Department The Guildhall, Caskgate Street, Gainsborough, Lincolnshire, DN21 2DH	Telephone: 01427 676676 Fax: 01427 810623 Website: www.west-lindsey.gov.uk
6	Lincolnshire County Council 4th Floor, City Hall, Lincoln, Lincolnshire, LN1 1DN	Telephone: 01522 552222 Fax: 01522 552288 Email: PublicRelations@lincolnshire.gov.uk Website: www.lincolnshire.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

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

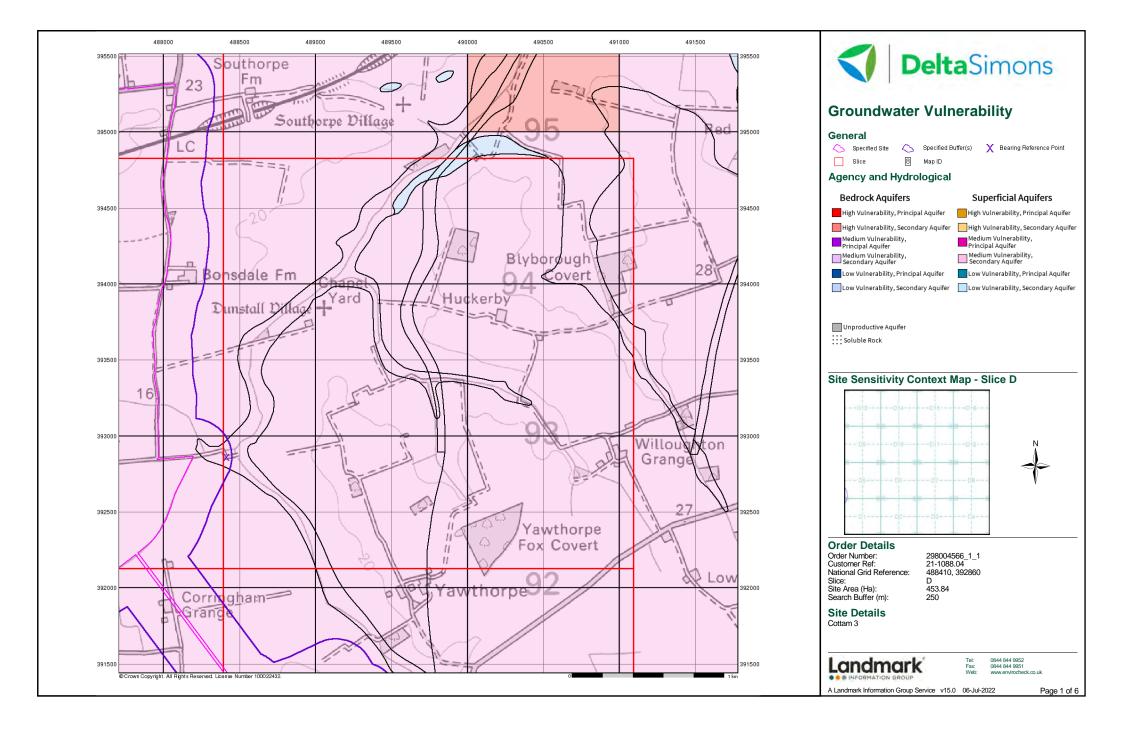


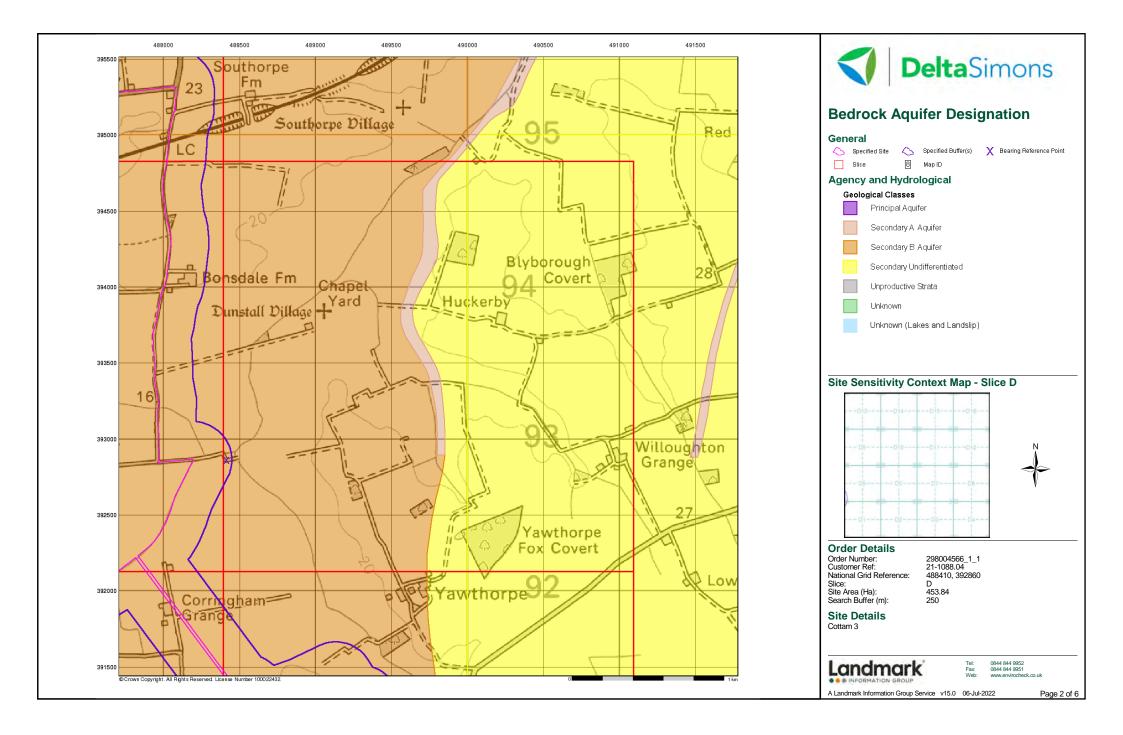


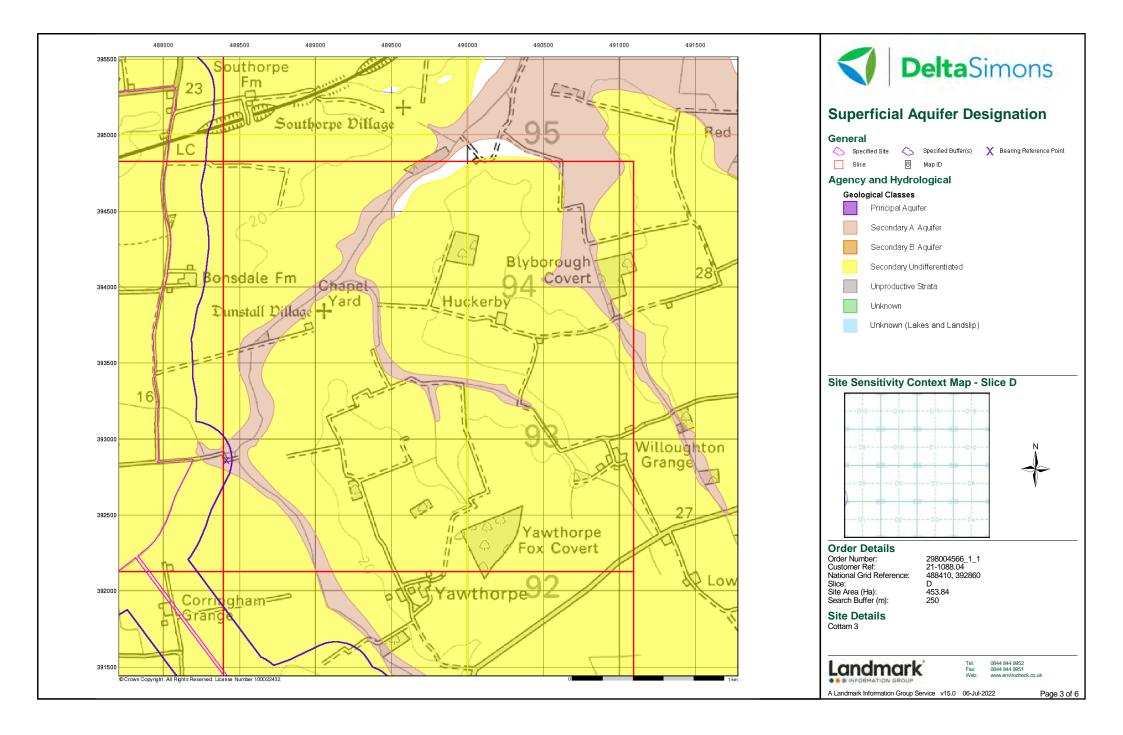


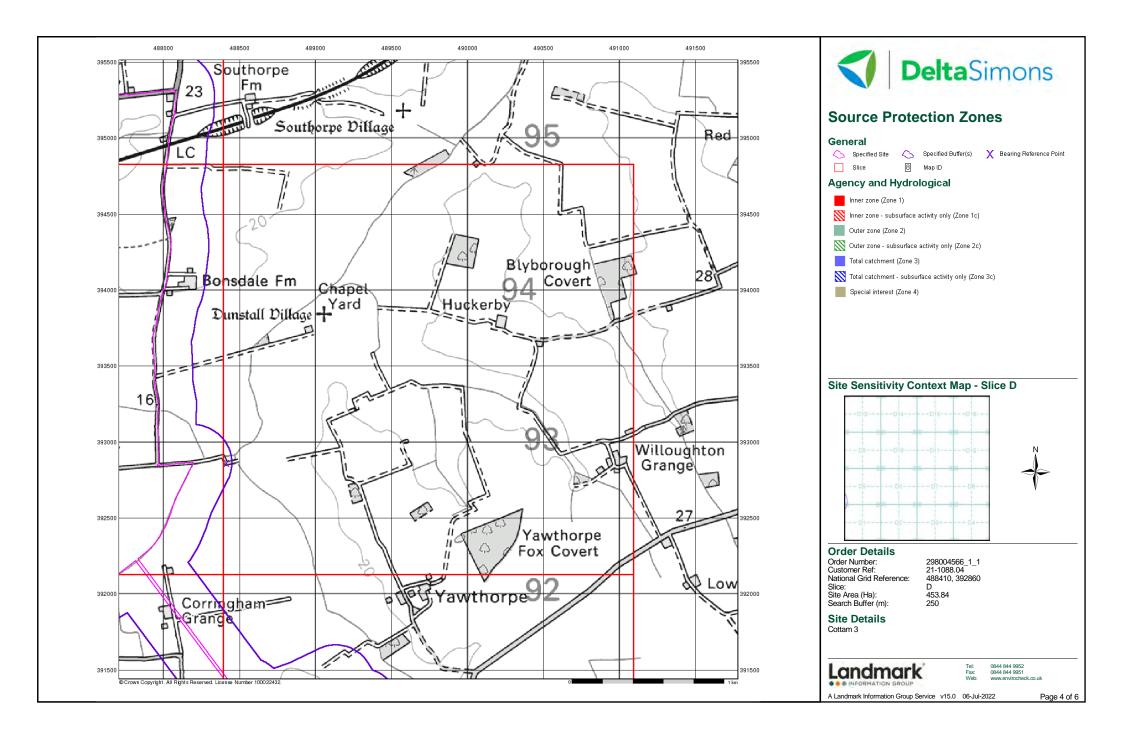


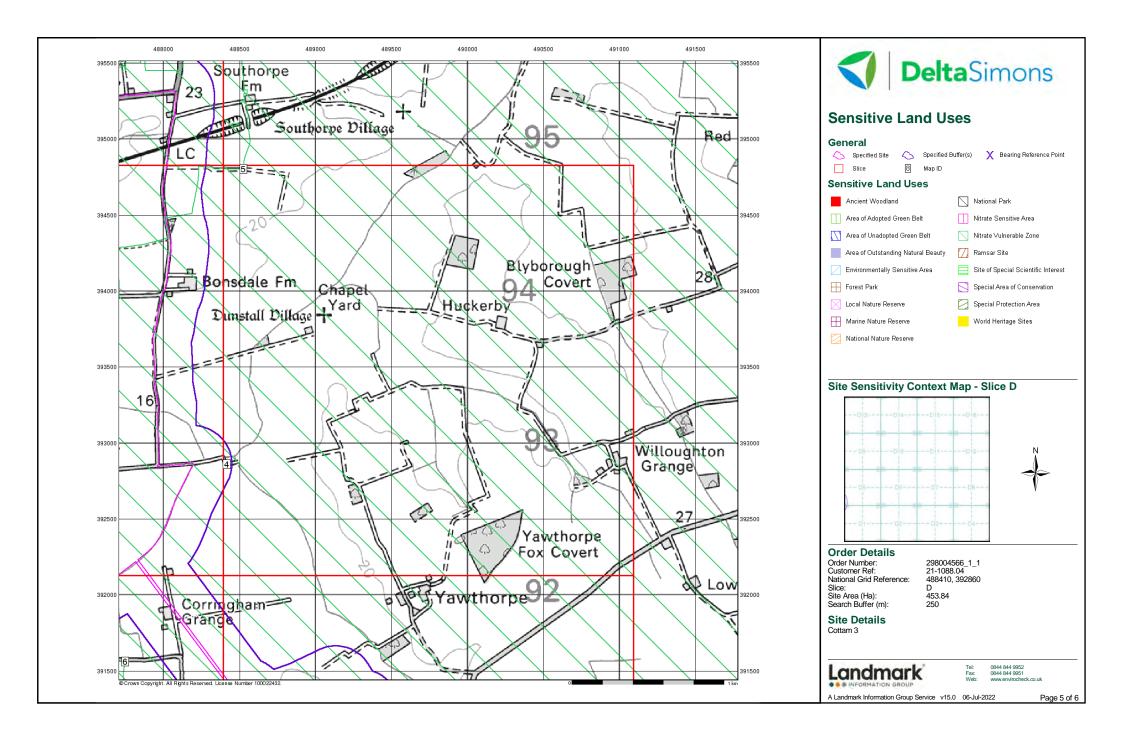


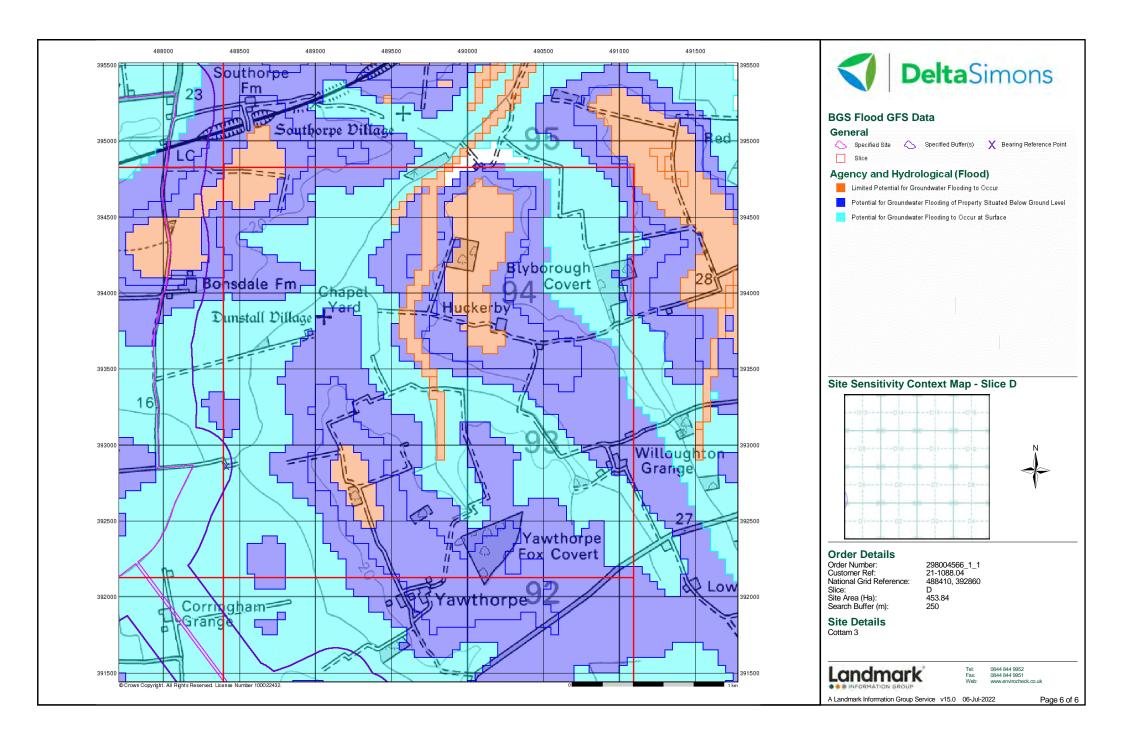














# **Envirocheck® Report:**

### **Datasheet**

### **Order Details:**

**Order Number:** 

298004566\_1\_1

**Customer Reference:** 

21-1088.04

**National Grid Reference:** 

487150, 395150

Slice:

Ε

Site Area (Ha):

453.84

Search Buffer (m):

250

### **Site Details:**

Cottam 3

### **Client Details:**

Ms M Booth Delta Simons Suite 4A One Portland Street Manchester M1 3BE







Report Section	Page Number
Summary	-
Agency & Hydrological	1
Waste	12
Hazardous Substances	-
Geological	13
Industrial Land Use	15
Sensitive Land Use	16
Data Currency	17
Data Suppliers	21
Useful Contacts	22

#### Introduction

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

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

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

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#### Report Version v53.0





Data Type	Page Number	On Site	0 to 250m (*up to 500m)
Agency & Hydrological			
BGS Groundwater Flooding Susceptibility	pg 1	Yes	Yes
Contaminated Land Register Entries and Notices			
Discharge Consents	pg 2	1	
Prosecutions Relating to Controlled Waters			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 2	Yes	
Pollution Incidents to Controlled Waters	pg 2		1
Prosecutions Relating to Authorised Processes			
Registered Radioactive Substances			
River Quality	pg 3		1
River Quality Biology Sampling Points			
River Quality Chemistry Sampling Points			
Substantiated Pollution Incident Register			
Water Abstractions			
Water Industry Act Referrals			
Groundwater Vulnerability Map	pg 3	Yes	n/a
Groundwater Vulnerability - Soluble Rock Risk	pg 9	2	n/a
Bedrock Aquifer Designations	pg 9	Yes	n/a
Superficial Aquifer Designations	pg 10	Yes	n/a
Source Protection Zones			
Extreme Flooding from Rivers or Sea without Defences	pg 10	Yes	
Flooding from Rivers or Sea without Defences	pg 10	Yes	
Areas Benefiting from Flood Defences			
Flood Water Storage Areas			
Flood Defences			
OS Water Network Lines	pg 10	5	7





Data Type	Page Number	On Site	0 to 250m (*up to 500m)
Waste			
BGS Recorded Landfill Sites			
Historical Landfill Sites			
Integrated Pollution Control Registered Waste Sites			
Licensed Waste Management Facilities (Landfill Boundaries)			
Licensed Waste Management Facilities (Locations)	pg 12		1
Local Authority Landfill Coverage	pg 12	2	n/a
Local Authority Recorded Landfill Sites			
Registered Landfill Sites			
Registered Waste Transfer Sites	pg 12		1
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 13	Yes	n/a
BGS Recorded Mineral Sites			
CBSCB Compensation District			n/a
Coal Mining Affected Areas			n/a
Mining Instability			n/a
Man-Made Mining Cavities			
Natural Cavities			
Non Coal Mining Areas of Great Britain			
Potential for Collapsible Ground Stability Hazards	pg 13	Yes	
Potential for Compressible Ground Stability Hazards			
Potential for Ground Dissolution Stability Hazards	pg 13	Yes	
Potential for Landslide Ground Stability Hazards	pg 13	Yes	
Potential for Running Sand Ground Stability Hazards	pg 13	Yes	
Potential for Shrinking or Swelling Clay Ground Stability Hazards	pg 13	Yes	
Radon Potential - Radon Affected Areas			n/a
Radon Potential - Radon Protection Measures			n/a



### **Summary**

Data Type	Page Number	On Site	0 to 250m (*up to 500m)
Industrial Land Use			
Contemporary Trade Directory Entries	pg 15	1	
Fuel Station Entries			
Gas Pipelines			
Underground Electrical Cables			
Sensitive Land Use			
Ancient Woodland			
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 16	2	
Ramsar Sites			
Sites of Special Scientific Interest			
Special Areas of Conservation			
Special Protection Areas			
World Heritage Sites			



Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	(SW)	0	1	486600 394600
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Leve	el (SW)	0	1	486750 394350
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Leve	el (SW)	0	1	486200 394400
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding to Occur at Surface	(SW)	0	1	486250 394600
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding to Occur at Surface	E3SW (SE)	0	1	487145 395146
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding to Occur at Surface	E3SW	0	1	487145
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Leve	(S) El E2SW (W)	0	1	395000 486400 395050
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Leve		0	1	486300 395000
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	(SW)	0	1	486250 394350
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	(SW)	0	1	486400 394700
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding to Occur at Surface	(SW)	0	1	486200 394350
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding to Occur at Surface	(SW)	0	1	486250 394150
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Leve	el (S)	0	1	487200 394700
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	E1SE (W)	0	1	486300 394900
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	E1SE (W)	0	1	486350 394850
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Leve		0	1	486500 394500
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Leve	E2SE (W)	0	1	487000 395150
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Leve	, ,	0	1	486900 395000
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Leve	, ,	0	1	486300 394850
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Leve	, ,	0	1	487700 394500
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	E1SE (W)	0	1	486200 395000
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding to Occur at Surface	(S)	0	1	487150 394300



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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	(SW)	0	1	486350 394700
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding to Occur at Surface	E1NE (NW)	0	1	486350 395500
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	(SW)	0	1	486400 394500
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	(SE)	0	1	487800 394450
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	(SW)	15	1	486150 394150
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	E1SE (W)	33	1	486150 395150
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	(SW)	47	1	486100 394300
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	E4SE (E)	55	1	488100 395050
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	(SW)	65	1	486100 394150
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	E1SW (W)	98	1	485900 394950
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	E1NE (W)	137	1	486100 395250
1	Discharge Consents  Operator: British Railways Board Property Type: Not Given Location: Bonsall Lane, Gatehouse, BLYTON, Lincolnshire Authority: Environment Agency, Midlands Region Catchment Area: Not Given Reference: 3/28/80/0560 /1 Permit Version: Not Supplied Effective Date: Not Supplied Issued Date: 13th April 1967 Revocation Date: Not Supplied Discharge Type: Sewage Effluent Discharge Groundwater Environment: Receiving Water: Status: Not Supplied Positional Accuracy: Located by supplier to within 100m	E4SW (E)	0	2	488000 394900
	Nearest Surface Water Feature	E3SW (NE)	0	-	487165 395157
2	Pollution Incidents to Controlled Waters  Property Type: Water Company Sewage: Sewage Treatment Works Location: Lincoln District Authority: Environment Agency, Anglian Region Pollutant: Sewage - Treated Effluent Note: Tributary Of Sutton Dyke Incident Date: 29th September 1994 Incident Reference: 2006 Catchment Area: Not Given Receiving Water: Cause of Incident: Treatment System Failure Incident Severity: Category 3 - Minor Incident Positional Accuracy: Located by supplier to within 100m	E3NE (NE)	216	2	487700 395500



Order Number: 298004566\_1\_1

# **Agency & Hydrological**

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Map ID		Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	River Quality					
	Name: GQA Grade: Reach: Estimated Distance (km): Flow Rate:	Laughton Drain River Quality D Northfield Farm Rd Br To Conf. R. Trent 10  Flow less than 0.31 cumecs River	(SW)	84	2	485972 394517
	Flow Type: Year:	2000				
	Groundwater Vulne	erability Map				
	Combined Classification:	Secondary Superficial Aquifer - Medium Vulnerability	(W)	0	3	486264 394786
	Combined Vulnerability:	Medium				
	Combined Aquifer: Pollutant Speed: Bedrock Flow: Dilution: Baseflow Index:	Productive Bedrock Aquifer, Productive Superficial Aquifer Low Well Connected Fractures <300 mm/year 40-70%				
	Superficial	<90%				
	Patchiness: Superficial Thickness:	3-10m				
	Superficial Recharge:	No Data				
	Groundwater Vulne	erability Map				
	Combined Classification: Combined	Secondary Superficial Aquifer - Medium Vulnerability  Medium	(SW)	0	3	486391 394532
	Vulnerability: Combined Aquifer:	Productive Bedrock Aquifer, Productive Superficial Aquifer				
	Pollutant Speed: Bedrock Flow: Dilution:	Low Well Connected Fractures <300 mm/year				
	Baseflow Index: Superficial Patchiness: Superficial	40-70% <90% 3-10m				
	Thickness: Superficial Recharge:	No Data				
	Groundwater Vulne	erability Man				
	Combined Classification:	Secondary Superficial Aquifer - Medium Vulnerability	(SW)	0	3	486626 394573
	Combined Vulnerability:	Medium  Productive Podroek Aguifer, Productive Superficial Aguifer				
	Combined Aquifer: Pollutant Speed: Bedrock Flow:	Productive Bedrock Aquifer, Productive Superficial Aquifer Low Well Connected Fractures				
	Dilution: Baseflow Index:	<300 mm/year 40-70%				
	Superficial	40-70% <90%				
	Patchiness:	2.10m				
	Superficial Thickness: Superficial	3-10m No Data				
	Recharge:					
	Groundwater Vulne	•				
	Combined Classification: Combined	Secondary Superficial Aquifer - Medium Vulnerability  Medium	(SW)	0	3	486201 394267
	Vulnerability: Combined Aquifer:	Productive Bedrock Aquifer, Productive Superficial Aquifer				
	Pollutant Speed: Bedrock Flow: Dilution:	Low Well Connected Fractures <300 mm/year				
	Baseflow Index: Superficial	40-70% <90%				
	Patchiness: Superficial Thickness:	3-10m				
	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 Superficial Aquifer - Medium Vulnerability	E1SE (W)	0	3	486112 394968
	Combined Vulnerability:	Medium	(,			
	Combined Aquifer: Pollutant Speed:	Productive Bedrock Aquifer, Productive Superficial Aquifer Low				
	Bedrock Flow: Dilution:	Well Connected Fractures <300 mm/year				
	Baseflow Index: Superficial	40-70% <90%				
	Patchiness: Superficial	3-10m				
	Thickness: Superficial	No Data				
	Recharge:					
	Groundwater Vulne	• •	E2SE	0	2	407000
	Combined Classification:	Secondary Superficial Aquifer - Medium Vulnerability	(SW)	0	3	487000 395000
	Combined Vulnerability: Combined Aquifer:	Medium  Productive Bedrock Aquifer, Productive Superficial Aquifer				
	Pollutant Speed: Bedrock Flow:	Low Well Connected Fractures				
	Dilution:	<300 mm/year				
	Baseflow Index: Superficial	40-70% <90%				
	Patchiness: Superficial Thickness:	3-10m				
	Superficial Recharge:	No Data				
	Groundwater Vulne	erability Map				
	Combined Classification:	Secondary Superficial Aquifer - Medium Vulnerability	(SW)	0	3	486566 394554
	Combined Vulnerability:	Medium				
	Combined Aquifer: Pollutant Speed:	Productive Bedrock Aquifer, Productive Superficial Aquifer Low				
	Bedrock Flow: Dilution:	Well Connected Fractures <300 mm/year				
	Baseflow Index: Superficial	40-70% <90%				
	Patchiness: Superficial	3-10m				
	Thickness: Superficial	No Data				
	Recharge:					
	Groundwater Vulne	•	(3)10			4000=0
	Combined Classification:	Secondary Superficial Aquifer - Medium Vulnerability	(SW)	0	3	486273 394437
	Combined Vulnerability:	Medium				
	Combined Aquifer: Pollutant Speed:	Productive Bedrock Aquifer, Productive Superficial Aquifer Low				
	Bedrock Flow: Dilution:	Well Connected Fractures <300 mm/year				
	Baseflow Index: Superficial	40-70% <90%				
	Patchiness: Superficial	3-10m				
	Thickness: Superficial Recharge:	No Data				



Map ID		Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	Groundwater Vulne	erability Map				
	Combined	Secondary Superficial Aquifer - Medium Vulnerability	E1SE	0	3	486130
	Classification: Combined	Medium	(W)			395000
	Vulnerability: Combined Aquifer: Pollutant Speed: Bedrock Flow: Dilution: Baseflow Index: Superficial	Productive Bedrock Aquifer, Productive Superficial Aquifer Low Well Connected Fractures <300 mm/year 40-70% >90%				
	Patchiness:					
	Superficial Thickness:	3-10m				
	Superficial Recharge:	Low				
	Groundwater Vulne	erability Map				
	Combined Classification:	Secondary Superficial Aquifer - Medium Vulnerability	E1SE (W)	0	3	486170 395064
	Combined Vulnerability:	Medium	(**)			000004
	Combined Aquifer: Pollutant Speed: Bedrock Flow:	Productive Bedrock Aquifer, Productive Superficial Aquifer Low Well Connected Fractures				
	Dilution: Baseflow Index: Superficial Patchiness:	<300 mm/year 40-70% >90%				
	Superficial Thickness:	3-10m				
	Superficial Recharge:	Low				
	Groundwater Vulne	erability Map				
	Combined Classification:	Secondary Superficial Aquifer - Medium Vulnerability	E1SE (W)	0	3	486106 395000
	Combined Vulnerability:	Medium	(**)			000000
	Combined Aquifer: Pollutant Speed: Bedrock Flow:	Productive Bedrock Aquifer, Productive Superficial Aquifer Low Well Connected Fractures				
	Dilution: Baseflow Index:	<300 mm/year 40-70%				
	Superficial Patchiness: Superficial	>90% 3-10m				
	Thickness: Superficial Recharge:	Low				
	Groundwater Vulne	erability Map				
	Combined	Secondary Superficial Aquifer - Medium Vulnerability	E2SE	0	3	487000
	Classification: Combined	Medium	(W)			395146
	Vulnerability: Combined Aquifer: Pollutant Speed:	Productive Bedrock Aquifer, Productive Superficial Aquifer Low				
	Bedrock Flow: Dilution:	Well Connected Fractures <300 mm/year				
	Baseflow Index: Superficial	40-70% >90%				
	Patchiness: Superficial	3-10m				
	Thickness: Superficial Recharge:	Low				



Map ID		Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	Groundwater Vulne	erability Map				
	Combined Classification:	Secondary Superficial Aquifer - Medium Vulnerability	E3SW (SE)	0	3	487145 395146
	Combined Vulnerability:	Medium	(02)			000110
	Combined Aquifer: Pollutant Speed:	Productive Bedrock Aquifer, Productive Superficial Aquifer Low				
	Bedrock Flow: Dilution:	Well Connected Fractures <300 mm/year				
	Baseflow Index: Superficial	40-70% >90%				
	Patchiness: Superficial	3-10m				
	Thickness: Superficial	Low				
	Recharge:	Low				
	Groundwater Vulne	• •			-	46000
	Combined Classification:	Secondary Superficial Aquifer - Medium Vulnerability	E4SW (E)	0	3	488000 395146
	Combined Vulnerability:	Medium				
	Combined Aquifer: Pollutant Speed:	Productive Bedrock Aquifer, Productive Superficial Aquifer Low				
	Bedrock Flow: Dilution:	Well Connected Fractures <300 mm/year				
	Baseflow Index: Superficial	40-70% >90%				
	Patchiness: Superficial	3-10m				
	Thickness: Superficial	Low				
	Recharge:					
	Groundwater Vulne					
	Combined Classification:	Secondary Superficial Aquifer - Medium Vulnerability	E3SW (S)	0	3	487145 395000
	Combined Vulnerability:	Medium				
	Combined Aquifer: Pollutant Speed:	Productive Bedrock Aquifer, Productive Superficial Aquifer Low				
	Bedrock Flow: Dilution:	Well Connected Fractures <300 mm/year				
	Baseflow Index: Superficial	40-70% >90%				
	Patchiness: Superficial	3-10m				
	Thickness: Superficial	Low				
	Recharge:					
	Groundwater Vulne	• •	E 40\44		•	400000
	Combined Classification:	Secondary Superficial Aquifer - Medium Vulnerability	E4SW (E)	0	3	488000 395000
	Combined Vulnerability:	Medium				
	Combined Aquifer: Pollutant Speed:	Productive Bedrock Aquifer, Productive Superficial Aquifer Low				
	Bedrock Flow: Dilution:	Well Connected Fractures <300 mm/year				
	Baseflow Index: Superficial	40-70% · >90%				
	Patchiness: Superficial	3-10m				
	Thickness: Superficial	Low				
	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	(SW)	0	3	486395 394556
	Combined Vulnerability:	Medium				00 1000
	Combined Aquifer: Pollutant Speed:	Productive Bedrock Aquifer, No Superficial Aquifer Low				
	Bedrock Flow: Dilution:	Well Connected Fractures <300 mm/year				
	Baseflow Index: Superficial	40-70% <90%				
	Patchiness: Superficial	3-10m				
	Thickness: Superficial	No Data				
	Recharge:	NO Data				
	Groundwater Vulne		(6)4/)		2	496330
	Combined Classification:	Secondary Bedrock Aquifer - Medium Vulnerability	(SW)	0	3	486326 394523
	Combined Vulnerability:	Medium  Productive Products Assisted No Connecticity Assisted				
	Combined Aquifer: Pollutant Speed:	Productive Bedrock Aquifer, No Superficial Aquifer Low				
	Bedrock Flow: Dilution:	Well Connected Fractures <300 mm/year				
	Baseflow Index: Superficial	40-70% <90%				
	Patchiness: Superficial	3-10m				
	Thickness: Superficial Recharge:	No Data				
	Groundwater Vulne	erability Map				
	Combined Classification:	Secondary Bedrock Aquifer - Medium Vulnerability	(SW)	0	3	486341 394503
	Combined Vulnerability:	Medium				00.000
	Combined Aquifer: Pollutant Speed:	Productive Bedrock Aquifer, No Superficial Aquifer Low				
	Bedrock Flow:	Well Connected Fractures <300 mm/year				
	Baseflow Index: Superficial	40-70% <90%				
	Patchiness: Superficial	3-10m				
	Thickness:	No Data				
	Superficial Recharge:	no Daid				
	Groundwater Vulne	, ,				
	Combined Classification:	Secondary Bedrock Aquifer - Medium Vulnerability	(SW)	0	3	486229 394294
	Combined Vulnerability:	Medium				
	Combined Aquifer: Pollutant Speed:	Productive Bedrock Aquifer, No Superficial Aquifer Low				
	Bedrock Flow: Dilution:	Well Connected Fractures <300 mm/year				
	Baseflow Index: Superficial	40-70% <90%				
	Patchiness: Superficial	3-10m				
	Thickness: Superficial	No Data				
	Recharge:					



Map ID		Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	Groundwater Vulne	erability Map				
	Combined	Secondary Bedrock Aquifer - Medium Vulnerability	(SW)	0	3	486181
	Classification: Combined	Medium				394217
	Vulnerability: Combined Aquifer:	Productive Bedrock Aquifer, No Superficial Aquifer				
	Pollutant Speed: Bedrock Flow:	Low Well Connected Fractures				
	Dilution:	<300 mm/year				
	Baseflow Index:	40-70%				
	Superficial	<90%				
	Patchiness: Superficial	3-10m				
	Thickness:	3-10111				
	Superficial	No Data				
	Recharge:					
	Groundwater Vulne	erability Map				
	Combined	Secondary Bedrock Aquifer - Low Vulnerability	(W)	0	3	486000
	Classification: Combined	Low				394779
	Vulnerability:	Low				
	Combined Aquifer:	Productive Bedrock Aquifer, No Superficial Aquifer				
	Pollutant Speed:	Low				
	Bedrock Flow:	Well Connected Fractures				
	Dilution: Baseflow Index:	<300 mm/year 40-70%				
	Superficial	>90%				
	Patchiness:					
	Superficial	3-10m				
	Thickness: Superficial	Low				
	Recharge:	LOW				
	Groundwater Vulne	erability Map				
	Combined	Secondary Bedrock Aquifer - Medium Vulnerability	(SW)	0	3	486420
	Classification:		, ,			394555
	Combined	Medium				
	Vulnerability: Combined Aquifer:	Productive Bedrock Aquifer, No Superficial Aquifer				
	Pollutant Speed:	Low				
	Bedrock Flow:	Well Connected Fractures				
	Dilution:	<300 mm/year				
	Baseflow Index: Superficial	40-70% <90%				
	Patchiness:	100/0				
	Superficial	3-10m				
	Thickness:	N. B.				
	Superficial Recharge:	No Data				
	Groundwater Vulne	arability Man				
	Combined	Secondary Bedrock Aquifer - Medium Vulnerability	(SW)	0	3	486333
	Classification:		(3)		,	394517
	Combined	Medium				
	Vulnerability:	Droductive Redrock Aguifor No Superficial Aguifor				
	Combined Aquifer: Pollutant Speed:	Productive Bedrock Aquifer, No Superficial Aquifer Low				
	Bedrock Flow:	Well Connected Fractures				
	Dilution:	<300 mm/year				
	Baseflow Index: Superficial	40-70%				
	Patchiness:	<90%				
	Superficial	3-10m				
	Thickness:					
	Superficial	No Data				
	Recharge:					1



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Map ID		Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	Groundwater Vulne	erahility Man				
	Combined	Secondary Bedrock Aquifer - Medium Vulnerability	(SW)	0	3	486210
	Classification:	Cocondary Zoarook / iquito: Modifier Valinorasimy	(011)			394292
	Combined	Medium				
	Vulnerability:	Productive Bedrock Aguifer, No Superficial Aguifer				
	Combined Aquifer: Pollutant Speed:	Low				
	Bedrock Flow:	Well Connected Fractures				
	Dilution:	<300 mm/year				
	Baseflow Index:	40-70% <90%				
	Superficial Patchiness:	<90%				
	Superficial	3-10m				
	Thickness:					
	Superficial	No Data				
	Recharge:					
	Groundwater Vulne					
	Combined	Secondary Bedrock Aquifer - Medium Vulnerability	(SW)	0	3	486172
	Classification: Combined	Medium				394276
	Vulnerability:	Mediani				
	Combined Aquifer:	Productive Bedrock Aquifer, No Superficial Aquifer				
	Pollutant Speed:	Low				
	Bedrock Flow: Dilution:	Well Connected Fractures <300 mm/year				
	Baseflow Index:	40-70%				
	Superficial	<90%				
	Patchiness:					
	Superficial	3-10m				
	Thickness: Superficial	No Data				
	Recharge:	No Bala				
	Groundwater Vulne	erability Map				
	Combined	Secondary Bedrock Aquifer - Medium Vulnerability	(SW)	0	3	486235
	Classification:	Cocondary Dourson riquitor intensity	(0)			394275
	Combined	Medium				
	Vulnerability:	Draductive Dedrock Aquifer No Cuperficial Aquifer				
	Combined Aquifer: Pollutant Speed:	Productive Bedrock Aquifer, No Superficial Aquifer Low				
	Bedrock Flow:	Well Connected Fractures				
	Dilution:	<300 mm/year				
	Baseflow Index: Superficial	40-70% <90%				
	Patchiness:	23070				
	Superficial	3-10m				
	Thickness:	=				
	Superficial Recharge:	No Data				
	-	wahilitu. Calubla Baak Biak				
	Classification:	erability - Soluble Rock Risk Significant Risk - Problems Unlikely	E2SE	0	3	487000
	Giassinuation.	Organicant Mak - Froblema Orlinely	(SW)		<u> </u>	395000
	Groundwater Vulne	erability - Soluble Rock Risk				
	Classification:	Significant Risk - Problems Unlikely	E2SE	0	3	487000
			(W)			395146
	Bedrock Aquifer De	<del>-</del>				
	Aquifer Designation:	Secondary Aquifer - Undifferentiated	(W)	0	3	486264 394786
	Bedrock Aquifer De	esignations				394700
	-	Secondary Aquifer - Undifferentiated	E1SE	0	2	486130
	Admiet Designation:	Geography Aquilei - Originerentiated	(W)		3	395000
	Bedrock Aquifer De	esignations				
	-	Secondary Aquifer - B	E3SW	0	3	487145
		• •	(SE)			395146
	Bedrock Aquifer De	<del>-</del>				
	Aquifer Designation:	Secondary Aquifer - B	(SW)	0	3	486566
	Dedreck As W. D	al masticus.				394554
	Bedrock Aquifer De	<del>-</del>	F2011		_	407::-
	Aquiter Designation:	Secondary Aquifer - B	E3SW (S)	0	3	487145 395000
	Bedrock Aquifer De	esignations	(0)			000000
	-	Secondary Aquifer - A	(SW)	0	3	486626
	quilor Dosignation.	Soosiaary rigation 11	(344)			394573



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Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	Bedrock Aquifer Designations  Aquifer Designation: Secondary Aquifer - A	E1SE (W)	0	3	486170 395064
	Superficial Aquifer Designations  Aquifer Designation: Secondary Aquifer - Undifferentiated	E3SW (S)	0	3	487145 395000
	Superficial Aquifer Designations Aquifer Designation: Secondary Aquifer - Undifferentiated	E3SW (SE)	0	3	487145 395146
	Superficial Aquifer Designations Aquifer Designation: Secondary Aquifer - A	E1SE	0	3	486112
	Superficial Aquifer Designations Aquifer Designation: Secondary Aquifer - A	(W) E1SE	0	3	394968 486106
	Extreme Flooding from Rivers or Sea without Defences  Type: Extent of Extreme Flooding from Rivers or Sea without Defences Flood Plain Type: Fluvial Models Boundary Accuracy: As Supplied	(W) (SW)	0	2	395000 486170 394695
	Flooding from Rivers or Sea without Defences  Type: Extent of Flooding from Rivers or Sea without Defences Flood Plain Type: Fluvial Models Boundary Accuracy: As Supplied	(SW)	0	2	486155 394695
	Areas Benefiting from Flood Defences None				
	Flood Water Storage Areas None				
	Flood Defences None				
3	OS Water Network Lines  Watercourse Form: Inland river Watercourse Length: 497.1 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Trent Primacy: 1	E2SE (W)	0	4	486849 395119
4	OS Water Network Lines  Watercourse Form: Inland river Watercourse Length: 419.2  Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Trent Primacy: 1	E3SW (NE)	0	4	487165 395157
5	OS Water Network Lines  Watercourse Form: Inland river Watercourse Length: 452.9  Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Trent Primacy: 1	E3SW (S)	0	4	487225 394829
6	OS Water Network Lines  Watercourse Form: Inland river Watercourse Length: 550.4  Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Trent Primacy: 1	E3SE (SE)	0	4	487626 394942
7	OS Water Network Lines  Watercourse Form: Inland river Watercourse Length: 319.7  Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Trent Primacy: 1	E3NE (E)	0	4	487534 395248



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Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
8	OS Water Network Lines  Watercourse Form: Inland river Watercourse Length: 135.0  Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Trent Primacy: 1	E4SW (E)	3	4	488036 394946
9	OS Water Network Lines  Watercourse Form: Inland river Watercourse Length: 304.6 Watercourse Level: On ground surface Permanent: True Watercourse Name: Laughton Highland Drain Catchment Name: Trent Primacy: 1	(W)	37	4	485982 394810
10	OS Water Network Lines  Watercourse Form: Inland river Watercourse Length: 194.6 Watercourse Level: On ground surface Permanent: True Watercourse Name: Laughton Highland Drain Catchment Name: Trent Primacy: 1	E1SW (W)	177	4	485907 395098
11	OS Water Network Lines  Watercourse Form: Inland river Watercourse Length: 98.9  Watercourse Level: Not Supplied Permanent: True Watercourse Name: Not Supplied Catchment Name: Trent Primacy: 1	E1SW (W)	177	4	485907 395098
12	OS Water Network Lines  Watercourse Form: Inland river Watercourse Length: 40.2 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Trent Primacy: 1	E1NW (W)	211	4	485901 395196
13	OS Water Network Lines  Watercourse Form: Inland river Watercourse Length: 124.5 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Trent Primacy: 1	E1NW (W)	231	4	485955 395346
14	OS Water Network Lines  Watercourse Form: Inland river Watercourse Length: 272.9 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Trent Primacy: 1	E7SE (NE)	235	4	487618 395506





Map ID		Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	Licensed Waste Ma	nagement Facilities (Locations)				
15	Licence Number: Location: Operator Name: Operator Location:	43467 Blyton M B M Store, Kirton Road, Blyton, Gainsborough, Lincolnshire, DN21 3PF P H Europe Ltd Not Supplied	E2SW (W)	1	2	486448 395150
	Authority: Site Category: Licence Status: Issued: Last Modified:	Environment Agency - Midlands Region, East Area Household, Commercial And Industrial Transfer Stations Expired 5th February 2001 11th December 2003				
	Expires: Suspended: Revoked: Surrendered: IPPC Reference: Positional Accuracy:	Not Supplied Not Supplied Not Supplied Not Supplied Not Supplied Located by supplier to within 10m				
	Local Authority Lan	ndfill Coverage				
	Name:	West Lindsey District Council - Has no landfill data to supply		0	5	487145 395146
	Local Authority Lan	ndfill Coverage				
	Name:	Lincolnshire County Council - Had landfill data but passed it to the relevant environment agency		0	6	487145 395146
	Registered Waste T	ransfer Sites				
16	Licence Holder: Licence Reference: Site Location: Operator Location: Authority: Site Category: Max Input Rate: Waste Source Restrictions: Licence Status: Dated:	P H Europe Ltd Eawml43467 Blyton Mbm Store, Kirton Road, Blyton, Gainsborough, Lincolnshire, Dn21 3pf Blyton Mbm Store, Kirton Road, Blyton, Gainsborough, Lincolnshire, Dn21 3pf Environment Agency - Midlands Region, Lower Trent Area Transfer Small (Equal to or greater than 10,000 and less than 25,000 tonnes per year) No known restriction on source of waste  Operational as far as is knownOperational 5th February 2001	E2SW (W)	2	2	486440 395150
	Preceded By Licence: Superseded By Licence:	Not Given  Not Given  Located by supplier to within 100m				
	Boundary Quality: Authorised Waste	Not Supplied to Within Toom  Not Supplied  Meat & Bonemeal (Inferred From Regis Listing)  New Licence, Wastes Not To Hand				





Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	BGS 1:625,000 Solid Geology		_	_	
	Description: Lias Group	E3SW (SE)	0	1	487145 395146
	BGS 1:625,000 Solid Geology  Description: Triassic Rocks (Undifferentiated)	E1SE (W)	0	1	486314 394886
	Coal Mining Affected Areas				
	In an area that might not be affected by coal mining				
	Non Coal Mining Areas of Great Britain  No Hazard				
	Potential for Collapsible Ground Stability Hazards				
	Hazard Potential: Very Low Source: British Geological Survey, National Geoscience Information Service	E3SW (S)	0	1	487145 395000
	Potential for Collapsible Ground Stability Hazards	(0)			333000
	Hazard Potential: Very Low	E3SW	0	1	487145
	Source: British Geological Survey, National Geoscience Information Service	(SE)			395146
	Potential for Compressible Ground Stability Hazards	E3SW (S)	0	1	487145 395000
	Potential for Compressible Ground Stability Hazards  Hazard Potential: No Hazard Source: British Geological Survey, National Geoscience Information Service	E3SW (SE)	0	1	487145 395146
	Potential for Ground Dissolution Stability Hazards  Hazard Potential: No Hazard Source: British Geological Survey, National Geoscience Information Service	E3SW (S)	0	1	487145 395000
	Potential for Ground Dissolution Stability Hazards Hazard Potential: No Hazard	E3SW	0	1	487145
	Source: British Geological Survey, National Geoscience Information Service  Potential for Ground Dissolution Stability Hazards	(SE)			395146
	Hazard Potential: Very Low Source: British Geological Survey, National Geoscience Information Service	E1SE (W)	0	1	486170 395064
	Potential for Ground Dissolution Stability Hazards  Hazard Potential: Very Low Source: British Geological Survey, National Geoscience Information Service	(SW)	0	1	486626 394573
	Potential for Landslide Ground Stability Hazards  Hazard Potential: Very Low Source: British Geological Survey, National Geoscience Information Service	E3SW (S)	0	1	487145 395000
	Potential for Landslide Ground Stability Hazards  Hazard Potential: Very Low Source: British Geological Survey, National Geoscience Information Service	E3SW	0	1	487145 395146
	Potential for Running Sand Ground Stability Hazards Hazard Potential: Very Low Source: British Geological Survey, National Geoscience Information Service	E3SW	0	1	487145 395146
	Potential for Running Sand Ground Stability Hazards  Hazard Potential: Very Low Source: British Geological Survey, National Geoscience Information Service	E3SW	0	1	487145 395000
	Potential for Running Sand Ground Stability Hazards Hazard Potential: No Hazard	(W)	89	1	485917
	Source: British Geological Survey, National Geoscience Information Service  Potential for Shrinking or Swelling Clay Ground Stability Hazards  Hazard Potential: Low	E3SW	0	1	394820 487145
	Source: British Geological Survey, National Geoscience Information Service  Potential for Shrinking or Swelling Clay Ground Stability Hazards  Hazard Potential: Low  British Geological Survey, National Geoscience Information Services	E3SW	0	1	395000 487145
	Source: British Geological 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	E1NE	130	1	395146 486048 395233
	Potential for Shrinking or Swelling Clay Ground Stability Hazards Hazard Potential: Source: No Hazard British Geological Survey, National Geoscience Information Service	E1SW	146	1	485852 394891



## **Geological**

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Map ID		Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	Radon Potential - R	adon Affected Areas				
	Affected Area: Source:	The property is in a Lower probability radon area (less than 1% of homes are estimated to be at or above the Action Level).  British Geological Survey, National Geoscience Information Service	E3SW (SE)	0	1	487145 395146
	Radon Potential - R	adon Affected Areas				
	Affected Area: Source:	The property is in a Lower probability radon area (less than 1% of homes are estimated to be at or above the Action Level).  British Geological Survey, National Geoscience Information Service	E3SW (S)	0	1	487145 395001
	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	E3SW (SE)	0	1	487145 395146
	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	E3SW (S)	0	1	487145 395001



### **Industrial Land Use**

Map ID	Details		Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	Contemporary Trad	e Directory Entries				
17	Name: Location: Classification: <b>Status:</b> Positional Accuracy:	Tigerfert Ltd Kirton Road, Blyton, Gainsborough, Lincolnshire, DN21 3PE Fertilisers Active Manually positioned within the geographical locality	E3SE (SE)	0	-	487462 394866

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#### **Sensitive Land Use**

Map ID		Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	Nitrate Vulnerab	le Zones				
18	Name: Description: Source:	River Eau From Kirton Lindsey Trib To R Trent Nvz Surface Water Environment Agency, Head Office	E3NW (NE)	0	3	487320 395450
	Nitrate Vulnerab	le Zones				
19	Name: Description: Source:	Laughton Drain From Source To River Trent Nvz Surface Water Environment Agency, Head Office	E3SW (SE)	0	3	487145 395146

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Agency & Hydrological	Version	Update Cycle
Contaminated Land Register Entries and Notices		
Environment Agency - Head Office	June 2020	Annually
North Lincolnshire Council - Environmental Protection Team	September 2017	Annual Rolling Update
West Lindsey District Council - Environmental Health Department	September 2017	Annual Rolling Update
<b>Discharge Consents</b> Environment Agency - Midlands Region	April 2022	Quarterly
	April 2022	Quarterly
Enforcement and Prohibition Notices  Environment Agency - Anglian Region	March 2013	
ntegrated Pollution Controls	Water 2010	
Environment Agency - Anglian Region	January 2009	
Integrated Pollution Prevention And Control	Carrairy 2000	
Environment Agency - Anglian Region	April 2022	Quarterly
	April 2022	Quarterly
Local Authority Integrated Pollution Prevention And Control  North Lincolnshire Council - Environmental Protection Team	March 2015	Variable
West Lindsey District Council - Environmental Health Department	November 2014	Variable
	November 2014	Variable
Local Authority Pollution Prevention and Controls  North Lincolnshire Council - Environmental Protection Team	March 2015	Annual Rolling Update
West Lindsey District Council - Environmental Health Department	November 2014	Annual Rolling Updat
	November 2014	Annual Rolling Opuat
Local Authority Pollution Prevention and Control Enforcements  North Lincolnshire Council - Environmental Protection Team	March 2015	Variable
West Lindsey District Council - Environmental Health Department	November 2014	Variable
	November 2014	Variable
Nearest Surface Water Feature Ordnance Survey	May 2022	
•	iviay 2022	
Pollution Incidents to Controlled Waters	December 1999	
Environment Agency - Midlands Region Environment Agency - Anglian Region	September 1999	
	Geptember 1999	
Prosecutions Relating to Authorised Processes  Environment Agency - Anglian Region	July 2015	
	July 2013	
Prosecutions Relating to Controlled Waters	March 2012	
Environment Agency - Anglian Region	March 2013	
Registered Radioactive Substances Environment Agency - Anglian Region	June 2016	As notified
	Julie 2010	As notined
River Quality Environment Agency - Head Office	November 2001	Not Applicable
	November 2001	Not Applicable
River Quality Biology Sampling Points	April 2012	
Environment Agency - Head Office	April 2012	
River Quality Chemistry Sampling Points  Environment Agency - Head Office	April 2012	
	April 2012	
Substantiated Pollution Incident Register	April 2022	Quarterly
Environment Agency - Anglian Region - Northern Area	April 2022	Quarterly
Water Abstractions	A == 1 2022	Out of the state of
Environment Agency - Midlands Region	April 2022	Quarterly
Water Industry Act Referrals	0.121 0017	
Environment Agency - Anglian Region	October 2017	
Groundwater Vulnerability Map	l 0040	A = ==================================
Environment Agency - Head Office	June 2018	As notified
Groundwater Vulnerability - Soluble Rock Risk	L 2010	A = === (12) - 1
Environment Agency - Head Office	June 2018	As notified
Bedrock Aquifer Designations		
Environment Agency - Head Office	January 2018	Annually

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Agency & Hydrological	Version	Update Cycle
Superficial Aquifer Designations		
Environment Agency - Head Office	January 2018	Annually
Source Protection Zones		
Environment Agency - Head Office	May 2021	Bi-Annually
Extreme Flooding from Rivers or Sea without Defences		
Environment Agency - Head Office	May 2022	Quarterly
Flooding from Rivers or Sea without Defences	,	,
Environment Agency - Head Office	May 2022	Quarterly
	111ay 2022	Quartony
Areas Benefiting from Flood Defences	May 2022	Ougetarly
Environment Agency - Head Office	May 2022	Quarterly
Flood Water Storage Areas		
Environment Agency - Head Office	May 2022	Quarterly
Flood Defences		
Environment Agency - Head Office	May 2022	Quarterly
OS Water Network Lines		
Ordnance Survey	April 2022	Quarterly
BGS Groundwater Flooding Susceptibility		
British Geological Survey - National Geoscience Information Service	May 2013	As notified
Waste	Version	Update Cycle
BGS Recorded Landfill Sites		. ,
British Geological Survey - National Geoscience Information Service	November 2002	As notified
Historical Landfill Sites		
Environment Agency - Head Office	April 2022	Quarterly
	April 2022	Quarterly
Integrated Pollution Control Registered Waste Sites	January 0000	Not Assiltantia
Environment Agency - Anglian Region	January 2009	Not Applicable
Licensed Waste Management Facilities (Landfill Boundaries)		
Environment Agency - Anglian Region - Northern Area	April 2022	Quarterly
Licensed Waste Management Facilities (Locations)		
Environment Agency - Anglian Region - Northern Area	April 2022	Quarterly
Environment Agency - Midlands Region - East Area	April 2022	Quarterly
Local Authority Landfill Coverage		
Lincolnshire County Council	February 2003	Not Applicable
North Lincolnshire Council - Environmental Protection Team	February 2003	Not Applicable
West Lindsey District Council - Environmental Health Department	February 2003	Not Applicable
Local Authority Recorded Landfill Sites		
Lincolnshire County Council	October 2018	
North Lincolnshire Council - Environmental Protection Team	October 2018	
Vest Lindsey District Council - Environmental Health Department	October 2018	
Registered Landfill Sites		
Environment Agency - Anglian Region - Northern Area	March 2006	Not Applicable
Registered Waste Transfer Sites		
Environment Agency - Anglian Region - Northern Area	April 2018	
Environment Agency - Anglian Region - Northern Area Environment Agency - Midlands Region - Lower Trent Area	April 2018	
	Αριίί 2010	
Registered Waste Treatment or Disposal Sites		
Environment Agency - Anglian Region - Northern Area	June 2015	

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Hazardous Substances	Version	Update Cycle
Control of Major Accident Hazards Sites (COMAH)		
Health and Safety Executive	January 2022	Bi-Annually
Explosive Sites		
Health and Safety Executive	March 2017	Annually
Notification of Installations Handling Hazardous Substances (NIHHS)		
Health and Safety Executive	August 2001	
Planning Hazardous Substance Enforcements		
Lincolnshire County Council - Highways and Planning Department	August 2010	Variable
West Lindsey District Council	February 2016	Variable
North Lincolnshire Council - Planning Department	October 2015	Variable
Planning Hazardous Substance Consents		
Lincolnshire County Council - Highways and Planning Department	August 2007	Variable
West Lindsey District Council	February 2016	Variable
North Lincolnshire Council - Planning Department	October 2015	Variable
Geological	Version	Update Cycle
BGS 1:625,000 Solid Geology		
British Geological Survey - National Geoscience Information Service	January 2009	As notified
BGS Recorded Mineral Sites		
British Geological Survey - National Geoscience Information Service	May 2022	Bi-Annually
CBSCB Compensation District		
Cheshire Brine Subsidence Compensation Board (CBSCB)	August 2011	
Cheshire Brine Subsidence Compensation Board (CBSCB)	November 2020	As notified
Coal Mining Affected Areas		
The Coal Authority - Property Searches	March 2014	Annual Rolling Update
Mining Instability		
Ove Arup & Partners	June 1998	Not Applicable
Non Coal Mining Areas of Great Britain		
British Geological Survey - National Geoscience Information Service	May 2015	Not Applicable
Potential for Collapsible Ground Stability Hazards		
British Geological Survey - National Geoscience Information Service	April 2020	As notified
Potential for Compressible Ground Stability Hazards		
British Geological Survey - National Geoscience Information Service	January 2019	As notified
Potential for Ground Dissolution Stability Hazards		
British Geological Survey - National Geoscience Information Service	January 2019	As notified
Potential for Landslide Ground Stability Hazards		
British Geological Survey - National Geoscience Information Service	January 2019	As notified
	53.11dai y 2010	, 13 110111104
Potential for Running Sand Ground Stability Hazards British Geological Survey - National Geoscience Information Service	January 2019	As notified
	January 2019	As notined
Potential for Shrinking or Swelling Clay Ground Stability Hazards	Je 0040	A =
British Geological Survey - National Geoscience Information Service	January 2019	As notified
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

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Industrial Land Use	Version	Update Cycle
Contemporary Trade Directory Entries		
Thomson Directories	April 2022	Quarterly
Fuel Station Entries		
Catalist Ltd - Experian	June 2022	Quarterly
Gas Pipelines National Grid	October 2021	Bi-Annually
	October 2021	Di-Ailliually
Jnderground Electrical Cables  National Grid	May 2021	Bi-Annually
Sensitive Land Use	Version	Update Cycle
	70101011	opaalo oyolo
Ancient Woodland Natural England	February 2021	Bi-Annually
Areas of Adopted Green Belt		
North Lincolnshire Council	October 2020	Quarterly
West Lindsey District Council	October 2020	Quarterly
Areas of Unadopted Green Belt		
North Lincolnshire Council	October 2020	Quarterly
West Lindsey District Council	October 2020	Quarterly
Areas of Outstanding Natural Beauty		
Natural England	January 2021	Bi-Annually
Environmentally Sensitive Areas		
Natural England	January 2017	
Forest Parks	A = = 1 4007	Niet Augulianista
Forestry Commission	April 1997	Not Applicable
Local Nature Reserves	Fabruary 2021	Di Annually
Natural England	February 2021	Bi-Annually
Marine Nature Reserves Natural England	July 2019	Bi-Annually
National Nature Reserves	July 2019	Di-Ailliually
Natural England	January 2021	Bi-Annually
National Parks	January 2021	Di Ailitaany
Natural England	February 2018	Bi-Annually
Nitrate Sensitive Areas		
Natural England	April 2016	Not Applicable
Nitrate Vulnerable Zones	'	
Department for Environment, Food and Rural Affairs (DEFRA - formerly FRCA)	April 2016	
Environment Agency - Head Office	June 2017	Bi-Annually
Ramsar Sites		
Natural England	August 2020	Bi-Annually
Sites of Special Scientific Interest		
Natural England	February 2021	Bi-Annually
Special Areas of Conservation		
Natural England	July 2020	Bi-Annually
Special Protection Areas		
Natural England	February 2021	Bi-Annually

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### **Data Suppliers**

A selection of organisations who provide data within this report

Data Supplier	Data Supplier Logo
Ordnance Survey	Mop data
Environment Agency	Environment
Scottish Environment Protection Agency	SEPA
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 Cyfrou Natural Resources Wales
Scottish Natural Heritage	SCOTTISH NATURAL HERITAGE 谜살기
Natural England	NATURAL ENGLAND
Public Health England	Public Health England
Ove Arup	ARUP
Stantec UK Ltd	<b>Stantec</b>



#### **Useful Contacts**

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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	Environment Agency - National Customer Contact Centre (NCCC) PO Box 544, Templeborough, Rotherham, S60 1BY	Telephone: 03708 506 506 Email: enquiries@environment-agency.gov.uk
3	Environment Agency - Head Office  Rio House, Waterside Drive, Aztec West, Almondsbury, Bristol, Avon, BS32 4UD	Telephone: 01454 624400 Fax: 01454 624409
4	Ordnance Survey Adanac Drive, Southampton, Hampshire, SO16 0AS	Telephone: 03456 05 05 05 Email: customerservices@ordnancesurvey.co.uk Website: www.ordnancesurvey.gov.uk
5	West Lindsey District Council - Environmental Health Department  The Guildhall, Caskgate Street, Gainsborough, Lincolnshire, DN21 2DH	Telephone: 01427 676676 Fax: 01427 810623 Website: www.west-lindsey.gov.uk
6	Lincolnshire County Council 4th Floor, City Hall, Lincoln, Lincolnshire, LN1 1DN	Telephone: 01522 552222 Fax: 01522 552288 Email: PublicRelations@lincolnshire.gov.uk Website: www.lincolnshire.gov.uk
7	Natural England County Hall, Spetchley Road, Worcester, WR5 2NP	Telephone: 0300 060 3900 Email: enquiries@naturalengland.org.uk Website: www.naturalengland.org.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

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

