

Appendix G EnviroCheck Flood Report

132 Pages



Envirocheck® Report:

Flood Screening Report Datasheet

Order Details:

Order Number: 38714560_1_1

007 14000_1_1

Customer Reference: 29421-09-po244230

National Grid Reference:

374450, 440480

Slice:

Α

Site Area (Ha):

51.39

Search Buffer (m):

1000

Site Details:

Site at Clitheroe Lancashire

Client Details:

Mr R Breakspear AMEC Environment & Infrastructure UK Limited 155 Aztec West Park Avenue Almondsbury Bristol BS32 4UB





Contents

Report Section and Details	Page Number
Summary	
The Summary section provides an overview of the data contained within the report, detailing features or the existence of a data set in relation to the buffer(s) selected. For ease of refered down into seven sections of data.	
EA / CEH Flood Data	1
This section details data from the Environment Agency and the Centre for Ecology and Hyd	rology
The EA data is reported to a distance of 250m from the edge of the site polygon and details Zone 3 flood extents, as well as flood defences, flood water storage areas and areas benefit	
The CEH data is reported to a distance of 250m from the edge of the site polygon and cove divided into levels based on the frequency and magnitude of a predicted 100 year term.	rs flood data for Scotland,
All data sets within this section are plotted and feature on the EA / CEH Flood Data (1:10 00 OS Contour data is also plotted, detailing contours spot heights and air heights.	00) map. For added value,
RMS Flood Data	2
This section contains the Risk Management Solutions flood data. The data is based upon the occurence for 3 flood return periods; these being 75 years, 100 years and 1000 years.	e likelihood of a flood
Each return period is depicted on a separate 1:10.000 scale map and reports features to a dedge of the site polygon	listance of 250m from the
Each return period can detail both defended and/or undefended flood features, with each features associated flood depth. In addition pluvial flood features are also detailed where applicable, included For added value OS Contour data is also plotted, detailing contours spot heights	but tidal flooding is not
BGS Flood Data	3
This section contains two BGS data sets; namely Geological Indicators of Flooding and Gro Susceptibility both of which report features out to a possible 1000m with coverage in Engla	
Each data set is plotted on a seperate BGS Flood Data (1:50,000) map	
EA Detailed River Network Data	10

The DRN Lines data set details all the types of rivers, drains and streams which can be found in England and Wales.

The DRN Nodes data set details the river, drain and stream node intersections which divide the detailed river network data. All nodes are defined as being one of the following: A source sink, junction, or pseudo node, interactions or not assigned

The DRN Offline Drainage dataset details water features from OS MasterMap that do not connect into the river network and are generally limited in length

All data sets within this section are plotted and feature on the EA Detailed River Network (1:10,000) map. For added value, OS Contour data is also plotted, detailing contours spot heights and air heights

EA Historic Flood Events Data

This section details Historic Flood data sourced from the Environment Agency and from data held by Landmark The EA Historic Flood Events data is reported to a distance of 1000m from the edge of the site polygon and details recorded historic flood events from 1703 to October 2008. The data also contains information on the source and cause of the flood, and how the flood outline was established.

Also included in this section is Landmark's Historical Flood Liabilities data set, which identifies areas that are liable to flood based on systematic analysis of historical mapping dating back to the mid 19th century.

Both data sets within this section are plotted and feature on the EA Historical Flood (1:10,000) map. For added value, OS Contour data is also plotted, detailing contours spot heights and air heights.

Order Number: 38714560_1_1 Date: 25-Apr-2012 rpr_ec_datasheet v47 0 A Landmark Information Group Service

amec®

Contents

그런 살아온 아니라는 아니다 하지 않는다.		
EA NaFRA Data		99
EA NAFRA Dala		5 1 1 1 1 1 1 1 4 2 3 1 1 1 1 1 1 1 1 1 1
	프로그램 기를 보지 않아요. 기계 그들의	

This section details the National Flood Risk Assessment (NaFRA) data sourced from the Environment Agency and is reported to a distance of 1000m from the edge of the site polygon. The NaFRA data provides an indication of flood risk at a national level. The data has been created by calculating the actual likelihood of flooding to areas of land within the flood plain of an extreme flood (0.1% or 1 in 1000 chance in any year).

The method considers the probability that the flood defences will overtop or breach, and the distance of the impact cell from the river or the sea. It enables a comparison of the relative risks and their distribution within each of these catchments, rather than a detailed, local assessment of the risk at a specific location. EA do not hold information on properties (including floor levels). NaFRA data can therefore only assessed if there are properties within the impact cells where EA have assessed the flood risk.

The data within this section is plotted and feature on the EA NaFRA Data (1:50 000) map.

Flood Insurance Risk Data	30

This section contains two sources of flood risk data from Aviva and Crawford and Company. Neither data sets are plotted on any of the associated Flood maps

Aviva has generated a detailed flood risk assessment to accurately evaluate the flood risk for individual customers. The information from this assessment has been used to define a risk model detailing 5 levels of flood risk, based on the individual properties rather than the postcode. The flood risk assessment undertaken by Aviva is for river flooding and coastal flooding only, and does not include groundwater flash or sewerage flooding. Only the worst case flood risk is reported for the site

Crawford & Co have generated an Insurance Claims rating for Flood Risk. The risk is determined by comparing the number of flood insurance claims made to the number of properties in the postcode sector. The data will also include flood claims from domestic accidents or blocked drains, as well as flooding from river or tidal events. Flood insurance claim ratings are reported for the site only.

Data Currency	31
Data Suppliers	32
Useful Contacts	33

Report Version v47.0

Order Number: 38714560_1_1 Date: 25-Apr-2012 rpr_ec_datasheet v47.0 A Landmark Information Group Service





Summary

Data Type	Page Number	On Site	0 to 250m	251 to 500m	501 to 1000m
EA / CEH Flood Data					
Extreme Flooding from Rivers or Sea without Defences	pg 1	1	2	n/a	n/a
Flooding from Rivers or Sea without Defences	pg 1	1	2	n/a	n/a
Areas Benefiting from Flood Defences	The Market Control of the Control of			n/a	n/a
Flood Water Storage Areas				n/a	n/a
Flood Defences				n/a	n/a
RMS Flood Data					
RMS 75 year Flood Return	pg 2	3	8	n/a	n/a
RMS 100 year Flood Return	pg 2	3	3	n/a	n/a
RMS 1000 year Flood Return	pg 2	2	1	n/a	n/a
BGS Flood Data					
BGS Geological Indicators of Flooding	pg 3			1	1
BGS Groundwater Flooding Susceptibility	pg 3	16	29	33	72
EA Detailed River Network Data		FE 55 45			
Detailed River Network Lines	pg 10	2	13	17	29
Detailed River Network Nodes	pg 20	1	11	11	27
Detailed River Network Offline Drainage	pg 22	1	3	1	2
EA Historic Flood Events Data					
Historic Flood Events				:	
Historical Flood Liabilities					
EA National Flood Risk Assessment Data					
National Flood Risk Assessment	pg 23	1	31	20	39
Flood Insurance Risk Data					
Property-based Flood Risk	-	1	n/a	n/a	n/a
Postcode Sector Flood Insurance Claim Ratings	pg 30	1	n/a	n/a	n/a

Report Version v47.0

Order Number: 38714560_1_1 Date: 25-Apr-2012 rpr_ec_datasheet v47 0 A Landmark Information Group Service





EA / CEH Flood Data

Map ID		Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	Extreme Flooding for	rom Rivers or Sea without Defences				
	Type: Flood Plain Type: Boundary Accuracy:	Extent of Extreme Flooding from Rivers or Sea without Defences Fluvial Models As Supplied	A11NW (W)	0	1	374396 440494
	Extreme Flooding for	rom Rivers or Sea without Defences				
	Type: Flood Plain Type: Boundary Accuracy:	Extent of Extreme Flooding from Rivers or Sea without Defences Fluvial Models As Supplied	A16NW (NE)	102	1	375118 441259
	Extreme Flooding fr	rom Rivers or Sea without Defences				
	Type: Flood Plain Type: Boundary Accuracy:	Extent of Extreme Flooding from Rivers or Sea without Defences Fluvial Models As Supplied	A10NE (NW)	219	1	374010 440682
	Flooding from River	rs or Sea without Defences				
	Type: Flood Plain Type: Boundary Accuracy:	Extent of Flooding from Rivers or Sea without Defences Fluvial Models As Supplied	A11NW (W)	0	1	374393 440468
	Flooding from River	s or Sea without Defences				
	Type: Flood Plain Type: Boundary Accuracy:	Extent of Flooding from Rivers or Sea without Defences Fluvial Models As Supplied	A16NW (NE)	103	1	375120 441269
	Flooding from River	s or Sea without Defences				
	Type: Flood Plain Type: Boundary Accuracy:	Extent of Flooding from Rivers or Sea without Defences Fluvial Models As Supplied	A10NE (NW)	220	1	374007 440681
	Areas Benefiting fro	m Flood Defences				
ļ	None			 		
ĺ	Flood Water Storage	Areas				
j	None					İ
	Flood Defences					
	None			i		

lumber: 38714560_1_1	Date: 25-Apr-2012	rpr_ec_datasheet v47.0	A Landmark Information Group Service	Page 1 of 33





RMS Flood Data

Map ID		Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	RMS 75 year Flood Flood Type/Depth: Flood Hazard:	l Return 75 year pluvial flood, depth is not applicable Pluvial & Minor River Flood Risk	A12NW (NE)	0	2	374877 440710
	RMS 75 year Flood Flood Type/Depth: Flood Hazard:	l Return 75 year pluvial flood, depth is not applicable Pluvial & Minor River Flood Risk	A11NW (W)	0	2	374415 440484
	RMS 75 year Flood Flood Type/Depth: Flood Hazard:	l Return 75 year pluvial flood, depth is not applicable Pluvial & Minor River Flood Risk	A11NE (NE)	0	2	374481 440545
	RMS 75 year Flood Flood Type/Depth: Flood Hazard:	Return 75 year pluvial flood, depth is not applicable Pluvial & Minor River Flood Risk	A16NE (NE)	40	2	375208 441153
	RMS 75 year Flood Flood Type/Depth: Flood Hazard:	Return 75 year piuvial flood, depth is not applicable Pluvial & Minor River Flood Risk	A12NE (E)	56	2	375171 440430
	RMS 75 year Flood Flood Type/Depth: Flood Hazard:	Return 75 year pluvial flood, depth is not applicable Pluvial & Minor River Flood Risk	A16NW (NE)	73	2	375077 441209
	RMS 75 year Flood Flood Type/Depth: Flood Hazard:	Return 75 year pluvial flood, depth is not applicable Pluvial & Minor River Flood Risk	A15SW (NW)	96	2	374187 440880
	RMS 75 year Flood Flood Type/Depth: Flood Hazard:	Return 75 year pluvial flood, depth is not applicable Pluvial & Minor River Flood Risk	A15SW (NW)	110	2	374154 440825
	RMS 75 year Flood Flood Type/Depth: Flood Hazard:	Return 75 year pluvial flood, depth is not applicable Pluvial & Minor River Flood Risk	A16NW (NE)	119	2	375011 441154
	RMS 75 year Flood Flood Type/Depth: Flood Hazard:	Return 75 year pluvial flood, depth is not applicable Pluvial & Minor River Flood Risk	A16SE (NE)	125	2	375437 441040
	RMS 75 year Flood Flood Type/Depth: Flood Hazard:	Return 75 year pluvial flood, depth is not applicable Pluvial & Minor River Flood Risk	A12SE (SE)	243	2	375202 440096
	RMS 100 year Floor Flood Type/Depth: Flood Hazard:	d Return 100 year pluvial flood, depth is not applicable Pluvial & Minor River Flood Risk	A12NW (NE)	0	2	374877 440710
	RMS 100 year Floor Flood Type/Depth: Flood Hazard:	d Return 100 year pluvial flood, depth is not applicable Płuvial & Minor River Flood Risk	A11NW (N)	0	2	374448 440489
	RMS 100 year Floor Flood Type/Depth: Flood Hazard:	d Return 100 year pluvial flood, depth is not applicable Pluvial & Minor River Flood Risk	A11NE (NE)	0	2	374481 440545
	RMS 100 year Flood Flood Type/Depth: Flood Hazard:	d Return 100 year pluvial flood, depth is not applicable Pluvial & Minor River Flood Risk	A12NE (E)	56	2	375171 440430
	RMS 100 year Flood Flood Type/Depth: Flood Hazard:	d Return 100 year pluvial flood, depth is not applicable Pluvial & Minor River Flood Risk	A15SW (NW)	79	2	374187 440825
į	RMS 100 year Flood Flood Type/Depth: Flood Hazard:	d Return 100 year pluvial flood, depth is not applicable Pluvial & Minor River Flood Risk	A16NW (NE)	119	2	374978 441154
	RMS 1000 year Flood Flood Type/Depth: Flood Hazard:	od Return 1000 year pluvial flood, depth is not applicable Pluvial & Minor River Flood Risk	A11NW (W)	0	2	374448 440484
	RMS 1000 year Floor Flood Type/Depth: Flood Hazard:	od Return 1000 year pluvial flood, depth is not applicable Pluvial & Minor River Flood Risk	A15SE (NE)	0	2	374747 440988
	RMS 1000 year Floor Flood Type/Depth: Flood Hazard:	od Return 1000 year pluvial flood. depth is not applicable Pluvial & Minor River Flood Risk	A15SE (N)	6	2	374483 440934

Order Number: 38714560_1_1 Date: 25-Apr-2012 rpr_ec_datasheet v47 0 A Landmark Information Group Service Page 2 of 33





Page 3 of 33

Map ID		Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	RGS Geological Inc	licators of Flooding	1		1	İ
	Flooding Type: Flood Potential Code:	Inland Flooding Higher flood potential from rivers: the first areas to experience the effects of inland flooding in a river catchment.	A10NE (W)	349	3	373837 440631
	BGS Geological Inc	licators of Flooding				
	Flooding Type: Flood Potential Code:	Inland Flooding Higher flood potential from rivers: the first areas to experience the effects of inland flooding in a river catchment.	(N)	962	3	375001 442083
	BGS Groundwater I Flooding Type:	Flooding Susceptibility Moderately High Susceptibility to Groundwater Flooding	A11NE (E)	0	3	374501 440484
	BGS Groundwater I Flooding Type:	Flooding Susceptibility Moderately High Susceptibility to Groundwater Flooding	A12NW (E)	0	3	375000 440484
	BGS Groundwater I Flooding Type:	Flooding Susceptibility Moderately High Susceptibility to Groundwater Flooding	A11NW (NW)	0	3	374301 440651
	BGS Groundwater I Flooding Type:	Flooding Susceptibility Moderate Susceptibility to Groundwater Flooding	A11NE (NE)	0	3	374801 440651
	BGS Groundwater F Flooding Type:	Flooding Susceptibility High Susceptibility to Groundwater Flooding	A?1NW (NW)	0	3	374351 440551
	BGS Groundwater F Flooding Type:	Flooding Susceptibility Moderate Susceptibility to Groundwater Flooding	A11NE (E)	0	3	374551 440451
	BGS Groundwater F Flooding Type:	Plooding Susceptibility Low Susceptibility to Groundwater Flooding	A16SW (NE)	0	3	375101 440901
	BGS Groundwater F Flooding Type:	Flooding Susceptibility Moderately High Susceptibility to Groundwater Flooding	A11NE (NE)	0	3	374551 440701
	BGS Groundwater F Flooding Type:	Flooding Susceptibility Moderately High Susceptibility to Groundwater Flooding	A11NE (NE)	0	3	374501 440601
	BGS Groundwater F Flooding Type:	Flooding Susceptibility High Susceptibility to Groundwater Flooding	A12NW (E)	0	3	375000 440601
	BGS Groundwater F Flooding Type:	Flooding Susceptibility Moderately High Susceptibility to Groundwater Flooding	A15SE (NE)	0	3	374601 440801
	BGS Groundwater F Flooding Type:	Flooding Susceptibility Moderate Susceptibility to Groundwater Flooding	A11NW (NW)	0	3	374401 440551
	BGS Groundwater F Flooding Type:	looding Susceptibility Moderate Susceptibility to Groundwater Flooding	A16SW (NE)	0	3	375051 440801
1	BGS Groundwater F Flooding Type:	looding Susceptibility Moderately High Susceptibility to Groundwater Flooding	A11NW (N)	0	3	374449 440551
	BGS Groundwater F Flooding Type:	looding Susceptibility High Susceptibility to Groundwater Flooding	A11NW (NW)	0	3	374251 440651
- 1	BGS Groundwater F Flooding Type:	iooding Susceptibility High Susceptibility to Groundwater Flooding	A11NW (W)	0	3	374449 440484
	BGS Groundwater F Flooding Type:	looding Susceptibility Moderately High Susceptibility to Groundwater Flooding	A16SW (NE)	14	3	374951 441001
	BGS Groundwater F Flooding Type:	looding Susceptibility High Susceptibility to Groundwater Flooding	A12SW (E)	15	3	375000 440351
		looding Susceptibility Moderately High Susceptibility to Groundwater Flooding	A11SW (S)	29	3	374401 440351

Order Number: 38714560_1_1 Date: 25-Apr-2012 rpr_ec_datasheet v47.0 A Landmark Information Group Service





Map ID	Defails	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	BGS Groundwater Flooding Susceptibility Flooding Type: Low Susceptibility to Groundwater Flooding	A11NW	43	3	374351
	BGS Groundwater Flooding Susceptibility	(W)			440484
	Flooding Type: Low Susceptibility to Groundwater Flooding	A12NE (E)	43	3	375450 440751
	BGS Groundwater Flooding Susceptibility Flooding Type: High Susceptibility to Groundwater Flooding	A15SW (N)	55	3	374449 440901
	BGS Groundwater Flooding Susceptibility Flooding Type: Moderate Susceptibility to Groundwater Flooding	(E)	93	3	375500
	BGS Groundwater Flooding Susceptibility Flooding Type: Moderate Susceptibility to Groundwater Flooding	A11SW	101	3	440851 374351
	BGS Groundwater Flooding Susceptibility Flooding Type: Moderate Susceptibility to Groundwater Flooding	(SW) A14SE	118	3	440401 374101
	BGS Groundwater Flooding Susceptibility Flooding Type: Moderate Susceptibility to Groundwater Flooding	(NW) A11SW	137	3	440801 374450
	BGS Groundwater Flooding Susceptibility	(S)		-	440251
	Flooding Type: Moderately High Susceptibility to Groundwater Flooding BGS Groundwater Flooding Susceptibility	A16NE (NE)	139	3	375251 441251
	Flooding Type: Negligible Susceptibility to Groundwater Flooding	A11NW (W)	142	3	374251 440484
	BGS Groundwater Flooding Susceptibility Flooding Type: Moderate Susceptibility to Groundwater Flooding	A11SE (SE)	149	3	374600 440251
	BGS Groundwater Flooding Susceptibility Flooding Type: Moderate Susceptibility to Groundwater Flooding	A11NW (W)	165	3	374151 440501
	BGS Groundwater Flooding Susceptibility Flooding Type: Moderate Susceptibility to Groundwater Flooding	(E)	169	3	375550 440751
	BGS Groundwater Flooding Susceptibility Flooding Type: Moderately High Susceptibility to Groundwater Flooding	A11SE	176	3	374700 440251
	BGS Groundwater Flooding Susceptibility Flooding Type: Moderate Susceptibility to Groundwater Flooding	(SE)	184	3	374301
	BGS Groundwater Flooding Susceptibility Flooding Type: Low Susceptibility to Groundwater Flooding	(SW) A11SE	195	3	440301 374600
	BGS Groundwater Flooding Susceptibility Flooding Type: Moderately High Susceptibility to Groundwater Flooding	(SE) A12SW	196	3	375000
	BGS Groundwater Flooding Susceptibility Flooding Type: Moderately High Susceptibility to Groundwater Flooding	(SE) A12SE	199	3	440251 375300
	BGS Groundwater Flooding Susceptibility Flooding Type: Moderate Susceptibility to Groundwater Flooding	(E) A15NW	216	3	440351 374351
	BGS Groundwater Flooding Susceptibility Flooding Type: Low Susceptibility to Groundwater Flooding	(N) A14SE	217	3	374051
	BGS Groundwater Flooding Susceptibility Flooding Type: Moderate Susceptibility to Groundwater Flooding	(NW) A10NE	233	3	440851 374101
	BGS Groundwater Flooding Susceptibility Flooding Type: Low Susceptibility to Groundwater Flooding	(W) A11SW	233	3	440484 374450
	BGS Groundwater Flooding Susceptibility Flooding Type: Negligible Susceptibility to Groundwater Flooding	(S) A11SW	239	3	440151 374201

Order Number: 38714560_1_1 Date: 25-Apr-2012 rpr_ec_datasheet v47 0 A Landmark Information Group Service Page 4 of 33





p	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NG
	BGS Groundwater Flooding Susceptibility Flooding Type: Low Susceptibility to Groundwater Flooding	A16NW (NE)	242	3	3748 4413
	GGS Groundwater Flooding Susceptibility Flooding Type: Moderate Susceptibility to Groundwater Flooding	A12SW (SE)	245	3	3750 4402
	GGS Groundwater Flooding Susceptibility Flooding Type: Moderately High Susceptibility to Groundwater Flooding	(E)	250	3	3756 4409
	GGS Groundwater Flooding Susceptibility Flooding Type: Moderately High Susceptibility to Groundwater Flooding	A12SE (E)	252	3	3752 4402
i	BGS Groundwater Flooding Susceptibility Flooding Type: Moderately High Susceptibility to Groundwater Flooding	A14SE (NW)	260	3	3741 4410
	GGS Groundwater Flooding Susceptibility Flooding Type: Moderately High Susceptibility to Groundwater Flooding	A12SW (SE)	267	3	3751 4402
i	GGS Groundwater Flooding Susceptibility Flooding Type: Moderately High Susceptibility to Groundwater Flooding	A14SE (NW)	269	3	3740 4410
	BGS Groundwater Flooding Susceptibility Flooding Type: Moderately High Susceptibility to Groundwater Flooding	A15NW (NW)	269	3	3741 4411
	BGS Groundwater Flooding Susceptibility Rooding Type: Moderate Susceptibility to Groundwater Flooding	A12SW (SE)	283	3	3749 4401
- 1	GS Groundwater Flooding Susceptibility looding Type: Moderately High Susceptibility to Groundwater Flooding	A14SE (NW)	295	3	3740 4409
1	GS Groundwater Flooding Susceptibility looding Type: Moderately High Susceptibility to Groundwater Flooding	(NE)	316	3	3751 4414
	IGS Groundwater Flooding Susceptibility locding Type: Moderately High Susceptibility to Groundwater Flooding	A12SW (SE)	327	3	3751 4401
į	GS Groundwater Flooding Susceptibility looding Type: Moderately High Susceptibility to Groundwater Flooding	A10NE (W)	331	3	3739 4406
	IGS Groundwater Flooding Susceptibility Icoding Type: Moderate Susceptibility to Groundwater Flooding	A12SE (SE)	335	3	3752 4401
FI	GS Groundwater Flooding Susceptibility looding Type: Moderate Susceptibility to Groundwater Flooding	A10NE (W)	341	3	3739 4405
	GS Groundwater Flooding Susceptibility looding Type: Low Susceptibility to Groundwater Flooding	A10NE (W)	358	3	37390 44040
FI	GS Groundwater Flooding Susceptibility looding Type: Moderate Susceptibility to Groundwater Flooding	A11SW (SW)	364	3	37425 44010
1	GS Groundwater Flooding Susceptibility looding Type: Moderately High Susceptibility to Groundwater Flooding	A14NE (NW)	367	3	37400 44110
FI	GS Groundwater Flooding Susceptibility looding Type: Moderately High Susceptibility to Groundwater Flooding	A14SE (NW)	380	3	37399 4410
FI	GS Groundwater Flooding Susceptibility looding Type: Moderately High Susceptibility to Groundwater Flooding	A7NW (S)	383	3	3744 <u>/</u> 44000
F	GS Groundwater Flooding Susceptibility looding Type: Moderately High Susceptibility to Groundwater Flooding	A14SE (NW)	390	3	37390 44095
	GS Groundwater Flooding Susceptibility ooding Type: Moderately High Susceptibility to Groundwater Flooding	A8NW (SE)	392	3	37500 44005

Order Number: 38714560_1_1 Date: 25-Apr-2012 rpr_ec_datasheet v47 0 A Landmark Information Group Service Page 5 of 33





Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	BGS Groundwater Flooding Susceptibility Flooding Type: Moderate Susceptibility to Groundwater Flooding	A14SE (NW)	406	3	373901 441001
	BGS Groundwater Flooding Susceptibility Flooding Type: Moderately High Susceptibility to Groundwater Flooding	A14NE (NW)	407	3	374051 441201
	BGS Groundwater Flooding Susceptibility Flooding Type: Moderate Susceptibility to Groundwater Flooding	A10NE	409	3	373901
	BGS Groundwater Flooding Susceptibility Flooding Type: Moderate Susceptibility to Groundwater Flooding	(W) A8NW	424	3	440451 375150
	BGS Groundwater Flooding Susceptibility Flooding Type: High Susceptibility to Groundwater Flooding	(SE)	433	3	440051 374500
	BGS Groundwater Flooding Susceptibility Flooding Type: Moderate Susceptibility to Groundwater Flooding	(S) A14NE	438	3	439951 374001
	BGS Groundwater Flooding Susceptibility	(NW) A10NW	438	3	441201 373801
	BGS Groundwater Flooding Susceptibility	(W)		3	440551
	Flooding Type: Moderately High Susceptibility to Groundwater Flooding BGS Groundwater Flooding Susceptibility	(E)	439		375550 440301
	Flooding Type: Moderately High Susceptibility to Groundwater Flooding BGS Groundwater Flooding Susceptibility	A8NW (SE)	440	3	375000 440001
	Flooding Type: Moderate Susceptibility to Groundwater Flooding BGS Groundwater Flooding Susceptibility	A10NW (W)	452	3	373801 440501
	Flooding Type: Low Susceptibility to Groundwater Flooding	A14NE (NW)	472	3	373951 441201
İ	BGS Groundwater Flooding Susceptibility Flooding Type: Moderately High Susceptibility to Groundwater Flooding	(N)	486	3	374301 441451
	BGS Groundwater Flooding Susceptibility Flooding Type: Moderately High Susceptibility to Groundwater Flooding	(N)	495	3	374901 441601
	BGS Groundwater Flooding Susceptibility Flooding Type: Moderately High Susceptibility to Groundwater Flooding	(N)	498	3	374351 441501
	BGS Groundwater Flooding Susceptibility Flooding Type: High Susceptibility to Groundwater Flooding	A8NE (SE)	504	3	375300 440001
ļ	BGS Groundwater Flooding Susceptibility Flooding Type: Moderate Susceptibility to Groundwater Flooding	A10NW (W)	516	3	373751 440484
i	BGS Groundwater Flooding Susceptibility Flooding Type: Moderately High Susceptibility to Groundwater Flooding	(N)	519	3	374401 441551
	BGS Groundwater Flooding Susceptibility Flooding Type: Moderate Susceptibility to Groundwater Flooding	(N)	519	3	374251 441451
	BGS Groundwater Flooding Susceptibility Flooding Type: Moderately High Susceptibility to Groundwater Flooding	A15NW (N)	522	3	374201 441401
- 1	BGS Groundwater Flooding Susceptibility Flooding Type: Low Susceptibility to Groundwater Flooding	(N)	525	3	374301
i	BGS Groundwater Flooding Susceptibility Flooding Type: Low Susceptibility to Groundwater Flooding	A14NW	537	3	373801
	BGS Groundwater Flooding Susceptibility Flooding Type: Moderate Susceptibility to Groundwater Flooding	(NW) A14SW	538	3	441101 373701

rder Number: 38714560_1_1 D	Pate: 25-Apr-2012	rpr_ec_datasheet v47.0	A Landmark Information Group Service	Page 6 of 33
-----------------------------	-------------------	------------------------	--------------------------------------	--------------





Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	BGS Groundwater Flooding Susceptibility				
	Flooding Type: Moderate Susceptibility to Groundwater Flooding	A10SE (W)	547	3	373851 440301
	BGS Groundwater Flooding Susceptibility Flooding Type: Moderately High Susceptibility to Groundwater Flooding	(N)	549	3	374449 441601
	BGS Groundwater Flooding Susceptibility Flooding Type: Low Susceptibility to Groundwater Flooding	(N)	554	3	374201 441451
	BGS Groundwater Flooding Susceptibility Flooding Type: Negligible Susceptibility to Groundwater Flooding	(N)	556	3	374251 441501
~~~	BGS Groundwater Flooding Susceptibility Flooding Type: Low Susceptibility to Groundwater Flooding	· (N)	566	3	374401
	BGS Groundwater Flooding Susceptibility Flooding Type: Negligible Susceptibility to Groundwater Flooding	(N)	567	3	441601 374301
	BGS Groundwater Flooding Susceptibility Flooding Type: Moderate Susceptibility to Groundwater Flooding	A14NW	582	3	441551 373751
	BGS Groundwater Flooding Susceptibility Flooding Type: Moderately High Susceptibility to Groundwater Flooding	(NW)	587	3	441101 373801
	BGS Groundwater Flooding Susceptibility	(NW)	301		441201
	Flooding Type: Moderate Susceptibility to Groundwater Flooding	(N)	590	3	374951 441701
	BGS Groundwater Flooding Susceptibility Flooding Type: Moderately High Susceptibility to Groundwater Flooding	(E)	593	3	376000 440901
	BGS Groundwater Flooding Susceptibility Flooding Type: Moderate Susceptibility to Groundwater Flooding	(N)	597	3	374449 441651
	BGS Groundwater Flooding Susceptibility Flooding Type: Low Susceptibility to Groundwater Flooding	A14NW	604	3	373751
	BGS Groundwater Flooding Susceptibility Flooding Type: Moderately High Susceptibility to Groundwater Flooding	(NW) (E)	610	3	441151 375750
	BGS Groundwater Flooding Susceptibility Flooding Type: High Susceptibility to Groundwater Flooding	A14SW	611	3	440351 373701
	BGS Groundwater Flooding Susceptibility Flooding Type: Moderately High Susceptibility to Groundwater Flooding	(NW)	628	3	441051 373701
	BGS Groundwater Flooding Susceptibility	(NW)			441101
	Flooding Type: Moderately High Susceptibility to Groundwater Flooding BGS Groundwater Flooding Susceptibility	(NE)	629	3	375151 441801
	Flooding Type: Moderately High Susceptibility to Groundwater Flooding	(N)	635	3	374451 441701
	BGS Groundwater Flooding Susceptibility Flooding Type: Moderately High Susceptibility to Groundwater Flooding	(E)	640	3	376000 440501
	BGS Groundwater Flooding Susceptibility Flooding Type: Low Susceptibility to Groundwater Flooding	(N)	646	3	374449 441701
	BGS Groundwater Flooding Susceptibility Flooding Type: Moderate Susceptibility to Groundwater Flooding	A8NW	646	3	375050
	BGS Groundwater Flooding Susceptibility Flooding Type: Moderately High Susceptibility to Groundwater Flooding	(SE)	658	3	439801 375550
	BGS Groundwater Flooding Susceptibility Flooding Type: Moderate Susceptibility to Groundwater Flooding	(NE)	678	3	439951 375301

Order Number: 38714560_1_1 Date: 25-Apr-2012 rpr_ec_datasheet v47 0 A Landmark Information Group Service Page 7 of 33





Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	BGS Groundwater Flooding Susceptibility				
	Flooding Type: Moderately High Susceptibility to Groundwater Flooding	(N)	679	3	374501 441751
	BGS Groundwater Flooding Susceptibility Flooding Type: Moderate Susceptibility to Groundwater Flooding	(N)	685	3	374451 441751
	BGS Groundwater Flooding Susceptibility Flooding Type: Moderate Susceptibility to Groundwater Flooding	A14SW (W)	686	3	373551 440801
	BGS Groundwater Flooding Susceptibility Flooding Type: Moderate Susceptibility to Groundwater Flooding	A7SE (S)	703	3	374700 439701
	BGS Groundwater Flooding Susceptibility Flooding Type: Moderately High Susceptibility to Groundwater Flooding	(E)	708	3	375800
	BGS Groundwater Flooding Susceptibility Flooding Type: Moderate Susceptibility to Groundwater Flooding	A10NW	728	3	440201 373501
	BGS Groundwater Flooding Susceptibility Flooding Type: Negligible Susceptibility to Groundwater Flooding	(W) (N)	735	3	440701 374151
	BGS Groundwater Flooding Susceptibility Flooding Type: Moderately High Susceptibility to Groundwater Flooding	(E)	738	3	441651 375750
	BGS Groundwater Flooding Susceptibility Flooding Type: Moderate Susceptibility to Groundwater Flooding	(NW)	740	3	440051 374001
<u> </u>	BGS Groundwater Flooding Susceptibility Flooding Type: Moderate Susceptibility to Groundwater Flooding	A7SW	765	3	44 [†] 551 374150
	BGS Groundwater Flooding Susceptibility Flooding Type: Moderate Susceptibility to Groundwater Flooding	(S) A6NE	767	3	439701 374050
	BGS Groundwater Flooding Susceptibility Flooding Type: Low Susceptibility to Groundwater Flooding	(SW) (N)	768	3	439751 374101
	BGS Groundwater Flooding Susceptibility Flooding Type: Low Susceptibility to Groundwater Flooding	(N)	775	3	441651 374151
	BGS Groundwater Flooding Susceptibility	A9NE	778	3	441701 373451
	Flooding Type: Low Susceptibility to Groundwater Flooding BGS Groundwater Flooding Susceptibility	(W)			440651
	Flooding Type: Low Susceptibility to Groundwater Flooding BGS Groundwater Flooding Susceptibility	(N)	784	3	374451 441851
	Flooding Type: Low Susceptibility to Groundwater Flooding BGS Groundwater Flooding Susceptibility	(N)	789	3	374201 441751
	Flooding Type: Moderate Susceptibility to Groundwater Flooding BGS Groundwater Flooding Susceptibility	(N)	801	3	374051 441651
	Flooding Type: Moderate Susceptibility to Groundwater Flooding	(N)	806	3	374101 441701
ļ	BGS Groundwater Flooding Susceptibility Flooding Type: Low Susceptibility to Groundwater Flooding	(NW)	806	3	373951 441601
	BGS Groundwater Flooding Susceptibility Flooding Type: Moderate Susceptibility to Groundwater Flooding	(E)	809	3	376000 440301
	BGS Groundwater Flooding Susceptibility Flooding Type: Low Susceptibility to Groundwater Flooding	(N)	809	3	374251 441801
	BGS Groundwater Flooding Susceptibility Flooding Type: Low Susceptibility to Groundwater Flooding	A6SE (SW)	810	3	374050 439701

der Number: 38714560_1_1	Date: 25-Apr-2012	rpr_ec_datasheet v47 0	A Landmark Information Group Service	Page 8 of 33
--------------------------	-------------------	------------------------	--------------------------------------	--------------





Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	BGS Groundwater Flooding Susceptibility Flooding Type: Low Susceptibility to Groundwater Flooding	A7SW (S)	811	3	374150 439651
	BGS Groundwater Flooding Susceptibility Flooding Type: Moderate Susceptibility to Groundwater Flooding	A6NE (SW)	818	3	373900 439801
	BGS Groundwater Flooding Susceptibility Flooding Type: Moderate Susceptibility to Groundwater Flooding	A9NE (W)	828	3	373401 440651
	BGS Groundwater Flooding Susceptibility Flooding Type: Moderate Susceptibility to Groundwater Flooding	(N)	833	3	374201 441801
	BGS Groundwater Flooding Susceptibility Flooding Type: Moderate Susceptibility to Groundwater Flooding	(E)	839	3	376150 440484
	BGS Groundwater Flooding Susceptibility Flooding Type: Negligible Susceptibility to Groundwater Flooding	A6SE (SW)	853	3	374050 439651
	BGS Groundwater Flooding Susceptibility Flooding Type: Moderate Susceptibility to Groundwater Flooding	(N)	854	3	374251 441851
	BGS Groundwater Flooding Susceptibility Flooding Type: Low Susceptibility to Groundwater Flooding	A6NE (SW)	855	3	373900 439751
	BGS Groundwater Flooding Susceptibility Flooding Type: Moderately High Susceptibility to Groundwater Flooding	(N)	858	3	374151 441801
	BGS Groundwater Flooding Susceptibility Flooding Type: Moderately High Susceptibility to Groundwater Flooding	A7SE (S)	861	3	374750 439551
	BGS Groundwater Flooding Susceptibility Flooding Type: Low Susceptibility to Groundwater Flooding	(E)	864	3	376100 440351
	BGS Groundwater Flooding Susceptibility Flooding Type: Moderate Susceptibility to Groundwater Flooding	(N)	878	3	374501 441951
	BGS Groundwater Flooding Susceptibility Flooding Type: High Susceptibility to Groundwater Flooding	A6NW (SW)	879	3	373701 439951
	BGS Groundwater Flooding Susceptibility Flooding Type: Negligible Susceptibility to Groundwater Flooding	(N)	898	3	373951 441701
	BGS Groundwater Flooding Susceptibility Flooding Type: High Susceptibility to Groundwater Flooding	(N)	901	3	374151 441851
	BGS Groundwater Flooding Susceptibility Flooding Type: Moderate Susceptibility to Groundwater Flooding	(N)	915	3	374051 441801
	BGS Groundwater Flooding Susceptibility Flooding Type: Moderate Susceptibility to Groundwater Flooding	A9SE (W)	943	3	373351 440351
	BGS Groundwater Flooding Susceptibility Flooding Type: Moderate Susceptibility to Groundwater Flooding	(N)	961	3	374351 442001
	BGS Groundwater Flooding Susceptibility Flooding Type: Moderately High Susceptibility to Groundwater Flooding	A6NW (SW)	971	3	373551 440001
	BGS Groundwater Flooding Susceptibility Flooding Type: Moderately High Susceptibility to Groundwater Flooding	A6NW (SW)	973	3	373501 440051

Order Number: 38714560_1_1 Date: 25-Apr-2012 rpr_ec_datasheet v47 0 A Landmark Information Group Service Page 9 of 33





Map ID		Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
<u> </u>	Detailed River Netw	vork Lines				
1	River Type: River Name: Hydrographic Area: River Flow Type: River Surface Level: Drain Feature: Flood Risk Management Status: Water Course Name: Water Course Reference:	Tertiary River Drain D011 Primary Flow Path Surface Drain (ditch, Reen Rhyne Drain) Other Rivers	A11NW (N)	0	1	374435 440541
2	Detailed River Netw River Type: River Name: Hydrographic Area: River Flow Type: River Surface Level: Drain Feature: Flood Risk Management Status: Water Course Name: Water Course Reference:	Secondary River Drain D011 Primary Flow Path Surface Drain (ditch, Reen Rhyne Drain) Other Rivers	A11NW (NW)	0	1	374369 440553
3	Detailed River Netw River Type: River Name: Hydrographic Area: River Flow Type: River Surface Level: Drain Feature: Flood Risk Management Status: Water Course Name: Water Course Reference:	Secondary River Not Supplied D011 Primary Flow Path Surface Not a Drain Other Rivers	A11NW (W)	16	1	374384 440469
4	Detailed River Netw River Type: River Name: Hydrographic Area: River Flow Type: River Surface Level: Drain Feature: Flood Risk Management Status: Water Course Name: Water Course Reference:	Secondary River Pendleton Brook D011 Primary Flow Path Surface	A11SW (SW)	31	1	374393 440418
5	River Flow Type: River Surface Level: Drain Feature: Flood Risk Management Status: Water Course Name:	Tertiary River Not Supplied D011 Primary Flow Path	A11SW (SW)	56	1	374393 440418
6	River Name: Hydrographic Area: River Flow Type: River Surface Level: Drain Feature: Flood Risk Management Status: Water Course Name:	Tertiary River Not Supplied D011 Primary Flow Path	A16NE (NE)	78	1	375182 441216

Reference:

Order Number: 38714560_1_1 Date: 25-Apr-2012 rpr_ec_datasheet v47 0 A Landmark Information Group Service Page 10 of 33



Map ID		Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	Detailed River Netw	vork Lines				
	River Type: River Name: Hydrographic Area: River Flow Type: River Surface Level: Drain Feature: Flood Risk Management Status: Water Course Name: Water Course Reference:	Tertiary River Drain D011 Primary Flow Path Surface Drain (ditch, Reen Rhyne Drain) Other Rivers	A11SE (SE)	80	1	374646 440367
	Detailed River Netw	vork Lines				
	River Type: River Name: Hydrographic Area: River Flow Type: River Surface Level: Drain Feature: Flood Risk Management Status: Water Course Name: Water Course Reference:	Primary Flow Path Surface Not a Drain Other Rivers	A11SE (SE)	81	1	374611 440361
	Detailed River Netw	rork Lines				
	River Type: River Name: Hydrographic Area: River Flow Type: River Surface Level: Drain Feature: Flood Risk Management Status: Water Course Name: Water Course Reference:	Not a Drain Other Rivers	A11SE (SE)	81	1	374611 440361
	Detailed River Netw	ork Lines			İ	_
10	River Type: River Name: Hydrographic Area: River Flow Type: River Surface Level: Drain Feature: Flood Risk Management Status: Water Course Name:	Secondary River Not Supplied D011 Primary Flow Path	A16NE (NE)	84	1	375180 441219
	Detailed River Netwo	ork Lines				
11	River Type: River Name: Hydrographic Area: River Flow Type: River Surface Level: Drain Feature: Flood Risk Management Status: Water Course Name: Water Course Reference:	Tertiary River Drain D011 Primary Flow Path Surface Drain (ditch, Reen Rhyne Drain) Other Rivers Not Supplied Not Supplied	A11SE (SE)	92	1	374646 440367
	Detailed River Netwo				į	
F	River Name: Hydrographic Area: River Flow Type: River Surface Level: Drain Feature: Flood Risk Management Status: Water Course Name:	Not a Drain Other Rivers Not Supplied	A12SW (E)	110	1	375039 440318
E F P V	River Surface Level: Drain Feature: Flood Risk Management Status: Water Course Name:	Surface Not a Drain Other Rivers				

Name:
Water Course Reference:

Order Number: 38714560_1_1 Date: 25-Apr-2012 rpr_ec_datasheet v47.0 A Landmark Information Group Service Page 11 of 33



Map ID		Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
· · · · ·	Detailed River Netw	unrk Linac	1			<u> </u>
13	River Type: River Name: Hydrographic Area: River Flow Type: River Surface Level: Drain Feature: Flood Risk Management Status Water Course Name: Water Course Reference:	Secondary River Pendleton Brook D011 Primary Flow Path Surface Not a Drain Other Rivers : Not Supplied Not Supplied	A12SW (E)	140	1	375039 440318
14	Detailed River Netw River Type: River Name: Hydrographic Area: River Flow Type: River Surface Level: Drain Feature: Flood Risk Management Status: Water Course Name: Water Course Reference:	Tertiary River Not Supplied D011 Primary Flow Path Surface Not a Drain Other Rivers	A16NW (NE)	206	1	375063 441433
15	Detailed River Netw River Type: River Name: Hydrographic Area: River Flow Type: River Surface Level: Drain Feature: Flood Risk Management Status: Water Course Name: Water Course Reference:	Extended Culvert (greater than 50m) Not Supplied D011 Primary Flow Path Below Surface Not a Drain Other Rivers	A12SE (E)	213	1	375354 440418
16	Detailed River Netw River Type: River Name:	Tertiary River Not Supplied D011 Primary Flow Path Surface Not a Drain Other Rivers	A16NW (NE)	256	1	375075 441374
17	River Flow Type: River Surface Level: Drain Feature: Flood Risk Management Status:	Tertiary River Not Supplied D011 Primary Flow Path	A12NE (E)	280	1	375442 440468
	Hydrographic Area: River Flow Type: River Surface Level: Drain Feature: Flood Risk Management Status:	Tertiary River Not Supplied D011 Primary Flow Path	A16NW (NE)	316	1	375059 441434

Order Number: 38714560_1_1 Date: 25-Apr-2012 rpr_ec_datasheet v47.0 A Landmark Information Group Service Page 12 of 33





Map ID		Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
19	Detailed River Netwon River Type: River Name: Hydrographic Area: River Flow Type: River Surface Level: Drain Feature: Flood Risk Management Status Water Course Name: Water Course Reference:	Extended Culvert (greater than 50m) Not Supplied D011 Primary Flow Path Below Surface Not a Drain Other Rivers	A12SE (E)	322	1	375220 440168
20	Detailed River Netv River Type: River Name: Hydrographic Area: River Flow Type: River Surface Level: Drain Feature: Flood Risk Management Status Water Course Name: Water Course Reference:	Primary River Mearley Brook D011 Primary Flow Path Surface Not a Drain Flood Risk Management Indicative/Statutory Main River	A14SE (NW)	345	1	373851 440821
21	Detailed River Netw River Type: River Name: Hydrographic Area: River Flow Type: River Surface Level: Drain Feature: Flood Risk Management Status: Water Course Name: Water Course Reference:	Lake/Reservoir Mearley Brook D011 Secondary Flow Path Surface Not a Drain Other Rivers	A14SE (NW)	355	1	373904 440929
22	Detailed River Netwood River Type: River Name: Hydrographic Area: River Flow Type: River Surface Level: Drain Feature: Flood Risk Management Status: Water Course Name: Water Course Reference:	Secondary River Not Supplied D011 Primary Flow Path Surface Not a Drain Other Rivers	A12SE (SE)	374	1	375269 440127
23	Detailed River Netw River Type: River Name: Hydrographic Area: River Flow Type: River Surface Level: Drain Feature: Flood Risk Management Status: Water Course Name: Water Course Reference:	Primary River Not Supplied D011 Primary Flow Path Surface Not a Drain Flood Risk Management Indicative/Statutory Main River	A14NE (NW)	383	1	374086 441195
24	Detailed River Netw River Type: River Name: Hydrographic Area: River Flow Type: River Surface Level: Drain Feature: Flood Risk Management Status: Water Course Name: Water Course Reference:	Secondary River Not Supplied D011 Primary Flow Path	A12SE (SE)	402	1	375299 440107

Order Number: 38714560_1_1 Date: 25-Apr-2012 rpr_ec_datasheet v47.0 A Landmark Information Group Service Page 13 of 33





Map ID		Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
·····	Detailed River Netv	vork Lines				<u> </u>
25	River Type: River Name: Hydrographic Area: River Flow Type: River Surface Level: Drain Feature: Flood Risk Management Status Water Course Name: Water Course Reference:	Secondary River Not Supplied D011 Primary Flow Path Surface Not a Drain Other Rivers	A12SE (SE)	403	1	375299 440107
	Detailed River Netv	rork Lines				
26	River Type: River Name: Hydrographic Area: Hydrographic Area: River Flow Type: River Surface Level: Drain Feature: Flood Risk Management Status Water Course Name: Water Course Reference:	Not a Drain Other Rivers	A8NE (SE)	460	1	375320 440054
	Detailed River Netw	ork Lines				
27	River Type: River Name: Hydrographic Area: River Flow Type: River Surface Level: Drain Feature: Flood Risk Management Status: Water Course Name: Water Course	Not a Drain Other Rivers	A8NE (SE)	460	1	375320 440054
	Reference:					
28	Detailed River Netw River Type: River Name: Hydrographic Area: River Flow Type: River Surface Level: Drain Feature: Flood Risk Management Status: Water Course Name: Water Course Reference:	Primary River Not Supplied D011 Primary Flow Path Surface Not a Drain Currently Undefined	A14SW (NW)	467	1	373768 440776
	Detailed River Netw River Type: River Name: Hydrographic Area: River Flow Type: River Surface Level: Drain Feature: Flood Risk Management Status: Water Course Name: Water Course Reference:	Secondary River Not Supplied D011 Primary Flow Path	A8NE (SE)	469	1	375290 440032
	Detailed River Netw					
	River Type: River Name: Hydrographic Area: River Flow Type: River Surface Level: Drain Feature: Flood Risk Management Status: Water Course Name: Water Course	Primary Flow Path	A8NE (SE)	469	1	375316 440043

Order Number: 38714560 1 1	rpr_ec_datasheet v47.0	A Landmark Information Group Service	Page 14 of 33
0.20.1.0	 •	·	



Map ID		Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	Detailed River Net	work Lines				
31	River Type: River Name: Hydrographic Area: River Flow Type: River Surface Level Drain Feature: Flood Risk Management Status Water Course Name: Water Course Reference:	Secondary River Not Supplied D011 Secondary Flow Path Surface Not a Drain Other Rivers	A12SE (E)	483	1	375486 440134
	Detailed River Netv					
32	River Type: River Name: Hydrographic Area: Hydrographic Area: River Flow Type: River Surface Level: Drain Feature: Flood Risk Management Status Water Course Name: Water Course Reference:	Primary Flow Path Surface Not a Drain Other Rivers Not Supplied Not Supplied	A12SÉ (E)	483	1	375486 440134
33	Detailed River Netv River Type: River Name: Hydrographic Area: River Flow Type: River Surface Level: Drain Feature: Flood Risk Management Status Water Course Name: Water Course Reference:	Tertiary River Not Supplied D011 Primary Flow Path Surface Not a Drain Other Rivers	A7NE (S)	511	1	374607 439878
	Detailed River Netw	rork Lines				
34	River Type: River Name: Hydrographic Area: River Flow Type: River Surface Level: Drain Feature: Flood Risk Management Status: Water Course Name: Water Course Reference:	Tertiary River Not Supplied D011 Primary Flow Path Surface Not a Drain Other Rivers	A7NE (S)	514	1	374602 439875
35	Detailed River Netwood River Type: River Name: Hydrographic Area: River Flow Type: River Surface Level: Drain Feature: Flood Risk Management Status: Water Course Name: Water Course Reference:	Tertiary River Not Supplied D011 Primary Flow Path Surface Not a Drain Other Rivers	A7NE (S)	514	1	374602 439875
	Detailed River Netw	ork Lines	ļ ;			
	River Type: River Name: Hydrographic Area: River Flow Type: River Surface Level: Drain Feature: Flood Risk Management Status: Water Course Name:	Drain (ditch, Reen Rhyne Drain) Other Rivers Not Supplied	A10NW (W)	517		373718 440612
	Water Course Reference:	Not Supplied				

Order Number: 38714560_1_1 Date: 25-Apr-2012 rpr_ec_datasheet v47 0 A Landmark Information Group Service Page 15 of 33





Map ID		Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	Detailed River Netv	vork Lines				
37	River Type: River Name: Hydrographic Area: River Flow Type: River Surface Level: Drain Feature: Flood Risk Management Status Water Course Name: Water Course Reference:	Primary Flow Path Surface Not a Drain Flood Risk Management Indicative/Statutory Main River	A10NW (W)	535	1	373695 440646
	Detailed River Netw	vork Lines				
38	River Type: River Name: Hydrographic Area: Hydrographic Area: River Flow Type: River Surface Level: Drain Feature: Flood Risk Management Status: Water Course Name: Water Course Reference:	Primary Flow Path Surface Not a Drain Flood Risk Management Indicative/Statutory Main River	A10NW (W)	544	1	373687 440641
	Detailed River Netw	rork Lines			-	
39	River Type: River Name: Hydrographic Area: Hydrographic Area: River Flow Type: River Surface Level: Drain Feature: Flood Risk Management Status: Water Course Name: Water Course	Primary Flow Path Surface Not a Drain Other Rivers	A6NE (SW)	599	1	374140 439893
	Reference:			<u>.</u>	:	
40	Detailed River Netw River Type: River Name: Hydrographic Area: River Flow Type: River Surface Level: Drain Feature: Flood Risk Management Status: Water Course Name: Water Course Reference:	Secondary River Pendleton Brook D011 Primary Flow Path Surface Not a Drain Other Rivers	A8NE (SE)	694	1	375324 439805
41	Detailed River Netw River Type: River Name: Hydrographic Area: River Flow Type: River Surface Level: Drain Feature: Flood Risk	Tertiary River Not Supplied D011 Primary Flow Path Surface Not a Drain Other Rivers	A8NE (SE)	694	1	375364 439822
	Management Status: Water Course Name: Water Course	Not Supplied Not Supplied				
Ì	Reference:					
42	Detailed River Netwood River Type: River Name: Hydrographic Area: River Flow Type: River Surface Level: Drain Feature: Flood Risk Management Status: Water Course	Tertiary River Not Supplied D011 Primary Flow Path	A6NE (SW)	754	1	373936 439856
	Name: Water Course	Not Supplied				

Order Number: 38714560_1_1 Date: 25-Apr-2012 rpr_ec_datasheet v47 0 A Landmark Information Group Service Page 16 of 33





Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
43	River Type: Extended Culvert (greater than 50m) River Name: Not Supplied Hydrographic Area: D011 River Flow Type: Primary Flow Path River Surface Level: Below Surface Drain Feature: Not a Drain Flood Risk Other Rivers Management Status: Water Course Not Supplied Name: Water Course Not Supplied Reference:	A6NE (SW)	758	1	373905 439880
44	Detailed River Network Lines River Type: Secondary River River Name: Barrow Hydrographic Area: D011 River Flow Type: Primary Flow Path River Surface Level: Surface Drain Feature: Not a Drain Flood Risk Other Rivers Management Status: Water Course Not Supplied Name: Water Course Not Supplied Reference:	A6NE (SW)	776	1	373831 439940
45	Detailed River Network Lines River Type: Tertiary River River Name: Not Supplied Hydrographic Area: D011 River Flow Type: Primary Flow Path River Surface Level: Surface Drain Feature: Not a Drain Flood Risk Other Rivers Management Status: Water Course Not Supplied Name: Water Course Not Supplied Reference:	A7SW (S)	834	1	374375 439564
46	Detailed River Network Lines River Type: Tertiary River River Name: Not Supplied Hydrographic Area: D011 River Flow Type: Primary Flow Path River Surface Level: Surface Drain Feature: Not a Drain Flood Risk Other Rivers Management Status: Water Course Not Supplied Name: Water Course Not Supplied Reference:	A6NE (SW)	860	1	373826 439815
47	Detailed River Network Lines River Type: Tertiary River River Name: Not Supplied Hydrographic Area: D011 River Flow Type: Primary Flow Path River Surface Level: Surface Drain Feature: Not a Drain Flood Risk Other Rivers Management Status: Water Course Not Supplied Name: Water Course Not Supplied Reference:	A7SW (S)	865	1	374324 439545
48	Detailed River Network Lines River Type: Tertiary River River Name: Not Supplied Hydrographic Area: D011 River Flow Type: Primary Flow Path River Surface Level: Surface Drain Feature: Not a Drain Flood Risk Other Rivers Management Status: Water Course Not Supplied Name: Water Course Not Supplied Reference:	A6NW (SW)	890	1	373677 439970

Order Number: 38714560_1_1 Date: 25-Apr-2012 rpr_ec_datasheet v47.0 A Landmark Information Group Service Page 17 of 33





Vlap ID		Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	Detailed River Netw	vork Lines				
49	River Type: River Name: Hydrographic Area: River Flow Type: River Surface Level: Drain Feature: Flood Risk Management Status Water Course Name: Water Course Reference:	Primary Flow Path Surface Not a Drain Other Rivers	A6NW (SW)	905	1	373675 439942
	Detailed River Netw	rork Lines				
50	River Type: River Name: Hydrographic Area: Hydrographic Area: River Flow Type: River Surface Level: Drain Feature: Flood Risk Management Status: Water Course Name: Water Course Reference:	Not a Drain Other Rivers	A7SW (S)	905	1	374271 439516
	Detailed River Netw	ork Lines				
51	River Type: River Name: Hydrographic Area: River Flow Type: River Surface Level: Drain Feature: Flood Risk Management Status: Water Course Name: Water Course	Not a Drain Other Rivers	A8SW (SE)	939	1	375123 439518
<u> </u>	Reference:					
52	Detailed River Netw River Type: River Name: Hydrographic Area: River Flow Type: River Surface Level: Drain Feature: Flood Risk Management Status: Water Course Name: Water Course Reference:	Tertiary River Not Supplied D011 Primary Flow Path Surface Not a Drain Other Rivers Not Supplied Not Supplied	A7SW (S)	942	1	374197 439496
	Detailed River Netwood River Type: River Name: Hydrographic Area: River Flow Type: River Surface Level: Drain Feature: Flood Risk Management Status: Water Course Name: Water Course Reference:	Extended Culvert (greater than 50m) Not Supplied D011 Primary Flow Path	A6NW (SW)	951	1	373639 439913
}	Detailed River Netwo	ork Lines				
	River Name: Hydrographic Area: River Flow Type: River Surface Level: Drain Feature: Flood Risk Management Status:	Tertiary River Not Supplied D011 Primary Flow Path Surface Not a Drain Other Rivers Not Supplied	A8SW (SE)	960	1	375075 439486

Order Number: 38714560_1_1 Date: 25-Apr-2012 rpr_ec_datasheet v47 0 A Landmark Information Group Service Page 18 of 33





Map ID		Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	Detailed River Netw	vork Lines				!
55	River Type: River Name: Hydrographic Area: River Flow Type: River Surface Level: Drain Feature: Flood Risk Management Status: Water Course Name: Water Course Reference:	Tertiary River Not Supplied D011 Primary Flow Path Surface Not a Drain Other Rivers	A8SW (SE)	960	1	375079 439486
	Detailed River Netw	ork Lines				
56	River Type: River Name: Hydrographic Area: River Flow Type: River Surface Level: Drain Feature: Flood Risk Management Status: Water Course Name: Water Course Reference:	Not a Drain Other Rivers	A6NW (SW)	968	1	373559 439986
	Detailed River Netw	ork Lines				
57	River Type: River Name: Hydrographic Area: River Flow Type: River Surface Level: Drain Feature: Flood Risk Management Status: Water Course Name: Water Course Reference:	Secondary River Not Supplied D011 Primary Flow Path Surface Not a Drain Other Rivers Not Supplied Not Supplied	A6NW (SW)	977	1	373560 439984
	Detailed River Netwo	ark Linas		:		
58	River Type: River Name: Hydrographic Area: River Flow Type: River Surface Level: Drain Feature: Flood Risk Management Status: Water Course Name: Water Course Reference:	Extended Culvert (greater than 50m) Not Supplied D011 Primary Flow Path Below Surface Not a Drain Other Rivers Not Supplied Not Supplied	A6SE (SW)	987	1	374022 439515
	Detailed River Netwo					
	River Name: Hydrographic Area: River Flow Type: River Surface Level: Drain Feature: Flood Risk Management Status: Water Course Name:	Primary Flow Path	A6SE (SW)	992	1	373974 439534
	Detailed River Netwo	ork Lines	İ			
60	River Name: Hydrographic Area: River Flow Type: River Surface Level: Drain Feature: Flood Risk Management Status: Water Course	Tertiary River Not Supplied D011 Primary Flow Path Surface Not a Drain Other Rivers Not Supplied	A6NW (SW)	997	q	373558 439958
	Name: Water Course Reference:	Not Supplied				

. 0	U Kivei Type.	Tellialy Nivel		AVIVI	331	0,0000
-	River Name:	Not Supplied		(SW)		439958
	Hydrographic Area:	D011				
	River Flow Type:	Primary Flow Path				
	River Surface Level	: Surface				
İ	Drain Feature:	Not a Drain				
1	Flood Risk	Other Rivers		-		
	Management Status	5:				ì
1.0	Water Course	Not Supplied	•	į		1
	Name:	••			l i	
	Water Course	Not Supplied			ļ .	
	Reference:					
Orc	ler Number: 38714560) 1 1 Date: 25-Apr-2012	rpr_ec_datasheet v47 0	A Landmark Informa	tion Group Service	Page 19 of 33
Oit	er Number, 307 14300)_1_1 Date. 23-Apt-2012	ipi_co_datasricot v+r o	A Landmark informe	alon Group Cervice	rage 19 01 33



Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
61	Detailed River Network Lines River Type: Secondary River River Name: Not Supplied Hydrographic Area: D011 River Flow Type: Primary Flow Path River Surface Level: Surface Drain Feature: Not a Drain Flood Risk Other Rivers Management Status: Water Course Not Supplied Name: Water Course Not Supplied Reference:	A6NW (SW)	997	1	373558 439958
62	Detailed River Network Nodes River Node Type: Source Hydrographic Area: D011	A16SW (NE)	0	1	374888 440966
63	Detailed River Network Nodes River Node Type: Junction Hydrographic Area: D011	A11NW (NW)	16	1	374369 440553
64	Detailed River Network Nodes River Node Type: Junction Hydrographic Area: D011	A11SW (SW)	56	1	374393 440418
65	Detailed River Network Nodes River Node Type: Source Hydrographic Area: D011	A11SE (E)	80	1	374722 440379
66	Detailed River Network Nodes River Node Type: Junction Hydrographic Area: D011	A11SE (SE)	81	1	374611 440361
67	Detailed River Network Nodes River Node Type: Pseudo (OS MasterMap polygon boundary) Hydrographic Area: D011	A16NE (NE)	84	1	375180 441219
68	Detailed River Network Nodes River Node Type: Junction Hydrographic Area: D011	A11SE (SE)	92	1	374646 440367
69	Detailed River Network Nodes River Node Type: Source Hydrographic Area: D011	A11SE (SE)	116	1	374677 440350
70	Detailed River Network Nodes River Node Type: Source Hydrographic Area: D011	A11SW (SW)	124	1	374339 440357
71	Detailed River Network Nodes River Node Type: Junction Hydrographic Area: D011	A12SW (E)	140	1	375039 440318
72	Detailed River Network Nodes River Node Type: Source Hydrographic Area: D011	A16NE (NE)	206	1	375270 441316
73	Detailed River Network Nodes River Node Type: Pseudo (OS MasterMap polygon boundary) Hydrographic Area: D011	A12SE (E)	213	1	375354 440418
74	Detailed River Network Nodes River Node Type: Pseudo (OS MasterMap polygon boundary) Hydrographic Area: D011	A16NW (NE)	256	1	375075 441374
75	Detailed River Network Nodes River Node Type: Pseudo (general) Hydrographic Area: D011	A12NE (E)	280	1	375442 440468
	Detailed River Network Nodes River Node Type: Junction Hydrographic Area: D011	A16NW (NE)	316	1	375063 441433
	Detailed River Network Nodes River Node Type: Pseudo (OS MasterMap polygon boundary) Hydrographic Area: D011	A12SE (E)	322	1	375220 440168
78	Detailed River Network Nodes River Node Type: Pseudo (OS MasterMap polygon boundary) Hydrographic Area: D011	A12SE (SE)	374	1	375269 440127

	,				\-/	! !		i	
	Detailed River Netw	ork Nod	es						
78	River Node Type: Hydrographic Area:		(OS MasterMap polygon b	ooundary)	A12SE (SE)	374	1	375269 440127	`
rder	Number: 38714560	_1_1	Date: 25-Apr-2012	rpr_ec_datasheet v47.0	A Landmark Inform	nation Group Ser	/ice	Page 20 of 3	3





Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
79	Detailed River Network Nodes River Node Type: Junction Hydrographic Area: D011	A14NE (NW)	383	1	374086 441195
80	Detailed River Network Nodes River Node Type: Junction Hydrographic Area: D011	A12SE (SE)	403	1	375299 440107
81	Detailed River Network Nodes River Node Type: Junction Hydrographic Area: D011	A8NE (SE)	460	1	375320 440054
82	Detailed River Network Nodes River Node Type: Junction Hydrographic Area: D011	A14SW (NW)	467	1	373768 440776
83	Detailed River Network Nodes River Node Type: Junction Hydrographic Area: D011	A8NE (SE)	469	1	375316 440043
94	Detailed River Network Nodes River Node Type: Junction Hydrographic Area: D011	A12SE (E)	483	1	375486 440134
85	Detailed River Network Nodes River Node Type: Source Hydrographic Area: D011	A8NE (SE)	507	1	375316 440002
86	Detailed River Network Nodes River Node Type: Source Hydrographic Area: D011	A7NE (S)	511	1	374614 439879
87	Detailed River Network Nodes River Node Type: Junction Hydrographic Area: D011	A7NE (S)	514	1	374602 439875
88	Detailed River Network Nodes River Node Type: Source Hydrographic Area: D011	A10NW (W)	517	1	373718 440612
89	Detailed River Network Nodes River Node Type: Junction Hydrographic Area: D011	A10NW (W)	535	1	373695 440646
90	Detailed River Network Nodes River Node Type: Junction Hydrographic Area: D011	A10NW (W)	544	1	373687 440641
91	Detailed River Network Nodes River Node Type: Pseudo (OS MasterMap polygon boundary) Hydrographic Area: D011	A7NW (SW)	599	1	374144 439890
92	Detailed River Network Nodes River Node Type: Source Hydrographic Area: D011	A7NE (SE)	618	1	374742 439802
93	Detailed River Network Nodes River Node Type: Junction Hydrographic Area: D011	A8NE (SE)	694	1	375364 439822
94	Detailed River Network Nodes River Node Type: Source Hydrographic Area: D011	A8NE (SE)	736	1	375409 439793
95	Detailed River Network Nodes River Node Type: Pseudo (general) Hydrographic Area: D011	A6NE (SW)	758	4.	373905 439880
96	Detailed River Network Nodes River Node Type: Junction Hydrographic Area: D011	A6NE (SW)	776	1	373831 439940
97	Detailed River Network Nodes River Node Type: Source Hydrographic Area: D011	A6NE (SW)	814	1	373941 439771
98	Detailed River Network Nodes River Node Type: Source Hydrographic Area: D011	A7SW (S)	834	1	374394 439562
99	Detailed River Network Nodes River Node Type: Source Hydrographic Area: D011	A6NE (SW)	860	1	373826 439815

Order Number: 38714560_1_1 Date: 25-Apr-2012 rpr_ec_datasheet v47 0 A Landmark Information Group Service Page 21 of 33



Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
100	Detailed River Network Nodes River Node Type: Source Hydrographic Area: D011	A7SW (S)	865	1	374324 439545
101	Detailed River Network Nodes River Node Type: Source Hydrographic Area: D011	A6NW (SW)	890	1	373677 439970
102	Detailed River Network Nodes River Node Type: Junction Hydrographic Area: D011	A6NW (SW)	905	1	373675 439942
103	Detailed River Network Nodes River Node Type: Pseudo (general) Hydrographic Area: D011	A7SW (S)	905	1	374271 439516
104	Detailed River Network Nodes River Node Type: Source Hydrographic Area: D011	A8SW (SE)	939	1	375123 439518
105	Detailed River Network Nodes River Node Type: Junction Hydrographic Area: D011	A7SW (S)	942	1	374197 439496
106	Detailed River Network Nodes River Node Type: Pseudo (general) Hydrographic Area: D011	A6NW (SW)	951	1	373639 439913
107	Detailed River Network Nodes River Node Type: Junction Hydrographic Area: D011	A8SW (SE)	960	1	375079 439486
108	Detailed River Network Nodes River Node Type: Junction Hydrographic Area: D011	A6NW (SW)	977	1	373560 439984
109	Detailed River Network Nodes River Node Type: Pseudo (general) Hydrographic Area: D011	A6SE (SW)	987	1.	374022 439515
110	Detailed River Network Nodes River Node Type: Pseudo (general) Hydrographic Area: D011	A6SE (SW)	992	1	373974 439534
111	Detailed River Network Nodes River Node Type: Junction Hydrographic Area: D011	A6NW (SW)	997	1	373558 439958
112	Detailed River Network Offline Drainage River Type: Tertiary River Hydrographic Area: D011	A16SE (NE)	0	1	375255 441046
113	Detailed River Network Offline Drainage River Type: Tertiary River Hydrographic Area: D011	A16SE (NE)	6	1	375261 441056
114	Detailed River Network Offline Drainage River Type: Tertiary River Hydrographic Area: D011	A16NW (NE)	20	1	375121 441206
115	Detailed River Network Offline Drainage River Type: Tertiary River Hydrographic Area: D011	A16NW (NE)	86	1	375065 441258
116	Detailed River Network Offline Drainage River Type: Tertiary River Hydrographic Area: D011	A7NE (SE)	451	1	374694 439962
117	Detailed River Network Offline Drainage River Type: Tertiary River Hydrographic Area: D011	A7NE (SE)	508	1	374753 439926
118	Detailed River Network Offline Drainage River Type: Tertiary River Hydrographic Area: D011	A7SE (S)	827	1	374629 439562

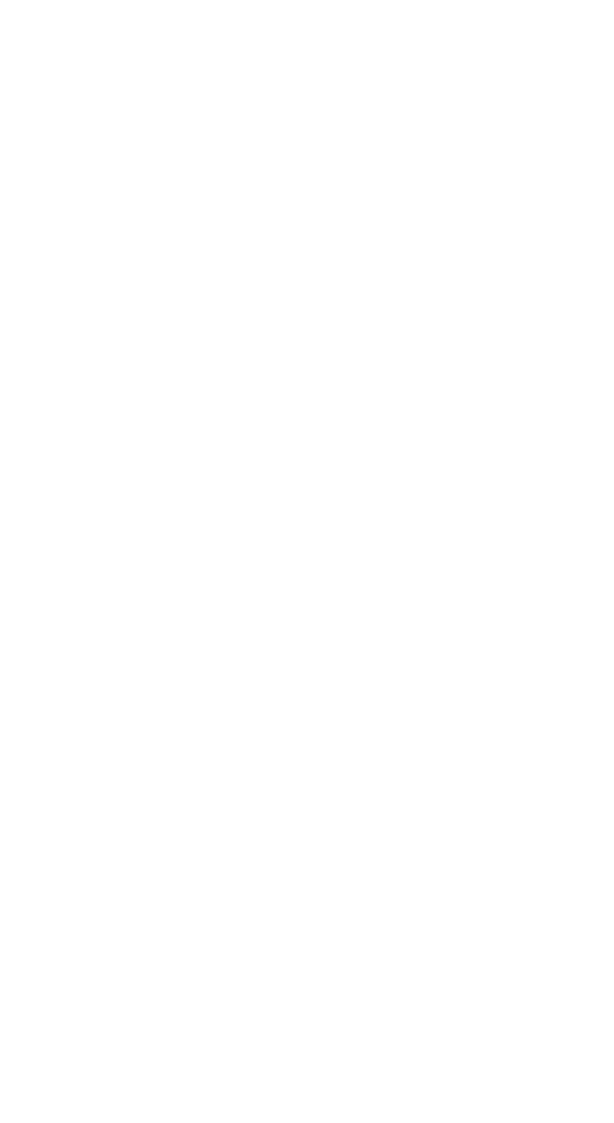
Order Number: 38714560_1_1 Date: 25-Apr-2012 rpr_ec_datasheet v47.0 A Landmark Information Group Service Page 22 of 33





Map ID		Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	National Flood Rist	Assessment (NaFRA)				
	Flood Risk Assessment Code: Source: Catchment Area:	Low Environment Agency Head Office Ribble & Calder	A11NW (NW)	0	4	374380 440555
	National Flood Risk Flood Risk Assessment Code: Source: Catchment Area:	Assessment (NaFRA) Moderate Environment Agency Head Office Ribble & Calder	A11NW (NW)	2	4	374351 440587
	National Flood Risk Flood Risk Assessment Code: Source: Catchment Area:	x Assessment (NaFRA) Significant Environment Agency. Head Office Ribble & Calder	A11NW (W)	5	4	374382 440477
	National Flood Risk Flood Risk Assessment Code: Source: Catchment Area:	Assessment (NaFRA) Moderate Environment Agency Head Office Ribble & Calder	A11NW (W)	7	4	374395 440501
	National Flood Risk Flood Risk Assessment Code: Source: Catchment Area:	Assessment (NaFRA) Moderate Environment Agency Head Office Ribble & Calder	A11NW (NW)	16	4	374351 440556
	National Flood Risk Flood Risk Assessment Code: Source: Catchment Area:	Assessment (NaFRA) Low Environment Agency Head Office Ribble & Calder	A11NW (NW)	16	4	374360 440551
	National Flood Risk Flood Risk Assessment Code: Source: Catchment Area:	Assessment (NaFRA) Low Environment Agency Head Office Ribble & Calder	A11NW (NW)	17	4	374332 440601
	National Flood Risk Flood Risk Assessment Code: Source: Catchment Area:	Assessment (NaFRA) Low Environment Agency Head Office Ribble & Calder	A11NW (W)	20	4	374396 440494
	National Flood Risk Flood Risk Assessment Code: Source: Catchment Area:	Assessment (NaFRA) Moderate Environment Agency Head Öffice Ribble & Calder	A11NW (NW)	24	4	374365 440522
		Assessment (NaFRA) Moderate Environment Agency Head Office Ribble & Calder	A11NW (NW)	27	4	374301 440617
	National Flood Risk Flood Risk Assessment Code: Source: Catchment Area:	Assessment (NaFRA) Low Environment Agency Head Office Ribble & Calder	A11SE (SE)	36	4	374550 440352
:	National Flood Risk Flood Risk Assessment Code: Source: Catchment Area:	Assessment (NaFRA) Moderate Environment Agency Head Office Ribble & Calder	A11SE (SE)	37	4	374550 440351
	National Flood Risk Flood Risk Assessment Code: Source: Catchment Area:	Assessment (NaFRA) Low Environment Agency Head Office Ribble & Calder	A11SW (SW)	37	4	374386 440411
		Assessment (NaFRA) Moderate Environment Agency Head Office Ribble & Calder	A11NW (NW)	41	4	374301 440601

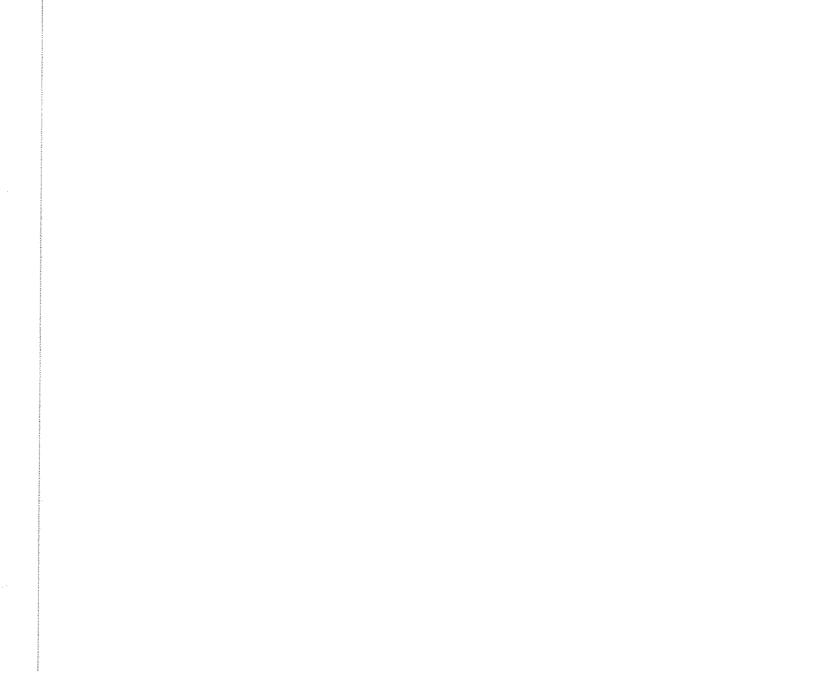
Order Number: 38714560_1_1 Date: 25-Apr-2012 rpr_ec_datasheet v47.0 A Landmark Information Group Service Page 23 of 33





ap)		Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
Nati	ional Flood Rick	Assessment (NaFRA)				<u> </u>
Floo	od Risk	Low	A11NW	48	4	374376 440476
Sou	essment Code: rce: chment Area:	Environment Agency Head Office Ribble & Calder	(W)			440476
		Assessment (NaFRA)				
I	od Risk essment Code:	Moderate	A11SE (SE)	50	4	374550 440337
Soul		Environment Agency Head Office Ribble & Calder				
Nati	ional Flood Risk	Assessment (NaFRA)				
	nd Risk essment Code:	Low	A11SE (SE)	62	4	374585 440351
Sour		Environment Agency Head Office Ribble & Calder	(,			
Natio	ional Flood Risk	Assessment (NaFRA)				
	od Risk essment Code:	Moderate	A11NW (NW)	71	4	374193 440634
Sour		Environment Agency Head Office Ribble & Calder	. ,			
		Assessment (NaFRA)	******	70	4	074457
Asse	d Risk essment Code:	Moderate	A11NW (NW)	72	4	374157 440685
Sour	rce: chment Area:	Environment Agency Head Office Ribble & Calder				
	onal Flood Risk d Risk	Assessment (NaFRA) Moderate	A11SE	87	4	374614
Asse	essment Code:		(SE)	<i>σ.</i>	,	440351
Sour Catc	rce: chment Area:	Environment Agency Head Office Ribble & Calder				
	<mark>onal Flood Risk</mark> d Risk	Assessment (NaFRA) Moderate	A16NW	102	4	375118
Asse	essment Code:		(NE)	102	•	441259
Sour Catc	rce: chment Area:	Environment Agency Head Office Ribble & Calder			:	
	<mark>onal Flood Risk</mark> d Risk	Assessment (NaFRA) Significant	A16NW	104	4	375098
Asse	essment Code:	•	(NE)	104	7	441294
Sour Catc	rce: chment Area:	Environment Agency Head Office Ribble & Calder				
1		Assessment (NaFRA) Moderate	A11SE	105	4	374633
	essment Code:	Environment Agency Head Office	(SE)			440351
Catc	hment Area:	Ribble & Calder				
		Assessment (NaFRA) Moderate	A16NW	107	4	375102
	essment Code:	Environment Agency Head Office	(NE)		-	441298
Catcl	hment Area:	Ribble & Calder				
- 1		Assessment (NaFRA) Low	A11SE	113	4	374650
	essment Code:	Environment Agency Head Office	(SE)			440347
Catcl	hment Area:	Ribble & Calder				
		Assessment (NaFRA) Low	A11SE	124	4	374650
	essment Code:	Environment Agency Head Office	(SE)	and programmes and the same		440336
Catcl	hment Area:	Ribble & Calder		İ		
i i		Assessment (NaFRA) Moderate	A11SE	159	4	374668
Asse	essment Code:		(SE)	,550	7	440301
Soure		Environment Agency Head Office Ribble & Calder		W 17 W 17		
		Assessment (NaFRA)	AAONE	210	4	374040
Asse	essment Code:	Moderate	A10NE (NW)	219	4	374010 440693
Source		Environment Agency Head Office Ribble & Calder	İ			

Order Number: 38714560_1_1 Date: 25-Apr-2012 rpr_ec_datasheet v47 0 A Landmark Information Group Service Page 24 of 33





Map ID		Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
1	National Flood Risk Flood Risk Assessment Code: Source: Catchment Area:	Assessment (NaFRA) Significant Environment Agency Head Office Ribble & Calder	A10NE (NW)	219	4	374010 440682
F	National Flood Risk Flood Risk Assessment Code: Source: Catchment Area:	Assessment (NaFRA) Low Environment Agency Head Office Ribble & Calder	A10NE (NW)	229	4	374000 440675
F	National Flood Risk Flood Risk Assessment Code: Source: Catchment Area:	Assessment (NaFRA) Low Environment Agency Head Office Ribble & Calder	A10NE (NW)	231	4	373998 440686
F	National Flood Risk Flood Risk Assessment Code: Source: Catchment Area:	Assessment (NaFRA) Low Environment Agency Head Office Ribble & Calder	A10NE (W)	245	4	373985 440662
F A		Assessment (NaFRA) Low Environment Agency Head Office Ribbie & Calder	A16NW (NE)	267	4	375101 441394
N F A		Assessment (NaFRA) No Result Environment Agency, Head Office Ribble & Calder	A10NE (W)	280	4	373954 440639
N F		Assessment (NaFRA) Moderate Environment Agency Head Office Ribble & Calder	A10NE (W)	293	4	373938 440651
N F A		Assessment (NaFRA) Significant Environment Agency Head Office Ribble & Calder	A14NE (NW)	339	4	374044 441111
F	Flood Risk Assessment Code: Source:	Assessment (NaFRA) Low Environment Agency, Head Office Ribble & Calder	A10NE (W)	363	4	373870 440641
F A S	Flood Risk Assessment Code: Source:	Assessment (NaFRA) Significant Environment Agency Head Office Ribble & Calder	A10NE (W)	363	4	373871 440634
F A S	Flood Risk Assessment Code: Source:	Assessment (NaFRA) Low Environment Agency Head Office Ribble & Calder	A10NE (W)	372	4	373862 440630
F A S	Flood Risk Assessment Code: Source:	Assessment (NaFRA) No Result Environment Agency Head Office Ribble & Calder	A10NE (W)	382	4	373851 440638
F A S	Flood Risk Assessment Code: Source:	Assessment (NaFRA) Low Environment Agency Head Office Ribble & Calder	A15NW (N)	394	4	374351 441401
N F A S	lational Flood Risk flood Risk assessment Code: cource:	Assessment (NaFRA) Low Environment Agency Head Office Ribble & Calder	A15NW (N)	395	4	374192 441251

Order Number: 38714560_1_1 Date: 25-Apr-2012 rpr_ec_datasheet v47.0 A Landmark Information Group Service Page 25 of 33





qi)	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
National Flood Ris Flood Risk Assessment Code: Source: Catchment Area:	k Assessment (NaFRA) No Result Environment Agency Head Office Ribble & Calder	A10NE (W)	405	4	373830 440629
National Flood Ris Flood Risk Assessment Code: Source: Catchment Area:	k Assessment (NaFRA) Low Environment Agency Head Office Ribble & Calder	A15NW (N)	406	4	37430 ² 44135 ²
	k Assessment (NaFRA) Moderate Environment Agency Head Office Ribble & Calder	A15NW (N)	412	4	37425 ² 44128 ⁴
National Flood Ris Flood Risk Assessment Code: Source: Catchment Area:	k Assessment (NaFRA) No Result Environment Agency Head Office Ribble & Calder	A10NE (W)	422	4	373814 440612
////	k Assessment (NaFRA) Moderate Environment Agency Head Office Ribble & Caider	A10NW (W)	433	4	373801 440628
	k Assessment (NaFRA) Low Environment Agency Head Office Ribble & Calder	(N)	457	4	374551 441528
	k Assessment (NaFRA) Moderate Environment Agency Head Office Ribble & Calder	A14NE (NW)	471	4	374101 441301
	k Assessment (NaFRA) Low Environment Agency Head Office Ribble & Calder	(N)	480	4	374310 441451
	k Assessment (NaFRA) Moderate Environment Agency Head Office Ribble & Calder	(N)	486	4	374301 441451
	k Assessment (NaFRA) Moderate Environment Agency Head Office Ribble & Calder	A10NW (W)	490	4	373744 440619
National Flood Rist Flood Risk Assessment Code: Source: Catchment Area:	Assessment (NaFRA) Moderate Environment Agency Head Office Ribble & Calder	(N)	512	4	374808 441586
National Flood Rish Flood Risk Assessment Code: Source: Catchment Area:	Assessment (NaFRA) Significant Environment Agency Head Office Ribble & Calder	(И)	514	4	374809 441590
National Flood Risl Flood Risk Assessment Code: Source: Catchment Area:	Assessment (NaFRA) Moderate Environment Agency, Head Office Ribble & Calder	(N)	529	4	374816 441599
	Assessment (NaFRA) No Result Environment Agency Head Office Ribble & Calder	(N)	560	4	374733 441630

Order Number: 38714560_1_1 Date: 25-Apr-2012 rpr_ec_datasheet v47 0 A Landmark Information Group Service Page 26 of 33





Map ID		Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	National Flood Risk Flood Risk Assessment Code: Source: Catchment Area:	Assessment (NaFRA) Moderate Environment Agency Head Office Ribble & Calder	(N)	562	4	374753 441631
	National Flood Risk Flood Risk Assessment Code: Source: Catchment Area:	Assessment (NaFRA) No Result Environment Agency Head Office Ribble & Calder	(N)	575	4	374737 441647
	National Flood Risk Flood Risk Assessment Code: Source: Catchment Area:	Assessment (NaFRA) Moderate Environment Agency Head Office Ribble & Calder	(N)	580	4	374729 441651
).	National Flood Risk Flood Risk Assessment Code: Source: Catchment Area:	Assessment (NaFRA) Moderate Environment Agency Head Office Ribble & Calder	(N)	580	4	374707 441651
Manufacture of the Company		Assessment (NaFRA) Low Environment Agency Head Office Ribble & Calder	(NE)	597	4	375195 441740
		Assessment (NaFRA) Low Environment Agency Head Office Ribble & Calder	(N)	597	4	374449 441651
		Assessment (NaFRA) Low Environment Agency Head Office Ribble & Calder	(NE)	601	4	375293 441724
	•	Assessment (NaFRA) Significant Environment Agency Head Office Ribble & Calder	(NE)	609	4	375199 441745
	National Flood Risk Flood Risk Assessment Code: Source: Catchment Area:	Assessment (NaFRA) Significant Environment Agency Head Office Ribble & Calder	(NE)	615	4	375290 441739
ì		Assessment (NaFRA) Low Environment Agency Head Office Ribble & Calder	(NE)	615	4	375202 441750
		Assessment (NaFRA) Low Environment Agency, Head Office Ribble & Calder	(NE)	620	4	375258 441749
	National Flood Risk Flood Risk Assessment Code: Source: Catchment Area:	Assessment (NaFRA) Low Environment Agency Head Office Ribble & Calder	(NE)	621	4	375292 441745
	*****	Assessment (NaFRA) Moderate Environment Agency Head Office Ribble & Calder	(N)	635	4	374482 441701
		Assessment (NaFRA) Low Environment Agency Head Office Ribble & Calder	(NE)	643	4	375135 441779

Order Number: 38714560_1_1 Date: 25-Apr-2012 rpr_ec_datasheet v47 0 A Landmark Information Group Service Page 27 of 33





Map ID		Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	National Flood Risk Flood Risk Assessment Code: Source: Catchment Area:	Assessment (NaFRA) Low Environment Agency, Head Office Ribble & Calder	(NE)	654	4	375141 441791
	National Flood Risk Flood Risk Assessment Code: Source: Catchment Area:	Assessment (NaFRA) Moderate Environment Agency Head Office Ribble & Calder	(N)	655	4	374701 441727
	National Flood Risk Flood Risk Assessment Code: Source: Catchment Area:	Assessment (NaFRA) Low Environment Agency Head Office Ribble & Calder	(N)	679	4	374536 441751
		Assessment (NaFRA) Low Environment Agency. Head Office Ribble & Calder	(NE)	691	4	375118 441825
	National Flood Risk Flood Risk Assessment Code: Source: Catchment Area:	Assessment (NaFRA) Moderate Environment Agency Head Office Ribble & Calder	A10NW (W)	693	4	373541 440603
	National Flood Risk Flood Risk Assessment Code: Source: Catchment Area:	Assessment (NaFRA) Low Environment Agency Head Office Ribble & Calder	(N)	726	4	374552 441801
	National Flood Risk Flood Risk Assessment Code: Source: Catchment Area:	Assessment (NaFRA) Moderate Environment Agency Head Office Ribble & Calder	(N)	731	4	374751 441801
	Flood Risk Assessment Code: Source:	Assessment (NaFRA) Moderate Environment Agency Head Office Ribble & Calder	A10NW (W)	740	4	373502 440558
	Flood Risk Assessment Code: Source:	Assessment (NaFRA) Low Environment Agency Head Office Ribble & Calder	(N)	779	4	374851 441851
	Flood Risk Assessment Code: Source:	Assessment (NaFRA) Moderate Environment Agency Head Office Ribble & Calder	(N)	811	4	374901 441901
	Flood Risk Assessment Code: Source:	Assessment (NaFRA) Low Environment Agency Head Office Ribble & Calder	(N)	818	4	375012 441939
	Flood Risk Assessment Code: Source:	Assessment (NaFRA) Low Environment Agency Head Office Ribble & Calder	(N)	832	4	375002 441951
	Flood Risk Assessment Code: Source:	Assessment (NaFRA) Moderate Environment Agency Head Office Ribble & Calder	(N)	833	4	374988 441953
	Flood Risk Assessment Code: Source:	Assessment (NaFRA) Moderate Environment Agency Head Office Ribble & Calder	ASNE (W)	852	4	373383 440592

Order Number: 38714560_1_1 Date: 25-Apr-2012 rpr_ec_datasheet v47.0 A Landmark Information Group Service

440592 Page 28 of 33



Man				Quadrant Reference	Estimated		
Map ID		Details		(Compass Direction)	Distance From Site	Contact	NGR
	National Flood Ris	k Assessment (NaFRA)			-1 - 3 1 1 4 1 2 1 3 1 3 1 3 1 3 1 3 1 3 1 3 1 3 1 3		
	Flood Risk Assessment Code:	Significant	e	A9NE (W)	853	4	373382 440589
	National Flood Risi Flood Risk Assessment Code:	k Assessment (NaFRA) Low		(N)	876	4	374603 441951
	National Flood Ris Flood Risk Assessment Code:	k Assessment (NaFRA) Low		(N)	877	4	374650 441951
1	National Flood Risl Flood Risk Assessment Code:	k Assessment (NaFRA) Low Environment Agency. Head Office Ribble & Calder		(N)	893	4	374902 442001
I	National Flood Risk Flood Risk Assessment Code:	k Assessment (NaFRA) Moderate Environment Agency Head Office Ribble & Calder		(N)	928	4	374660 442001
F J	National Flood Risk Flood Risk Assessment Code:	Assessment (NaFRA) Moderate Environment Agency Head Office Ribble & Calder		(N)	969	4	374807 442051
F A	lood Risk Assessment Code:	Assessment (NaFRA) Low Environment Agency Head Office Ribble & Calder	·	(N)	981	4	374751 442051
:							
			-				
Order Nu	mber: 38714560_	_1_1 Date: 25-Apr-2012	rpr_ec_datasheet v47.0	A Landmark Informati	on Group Se	rvice Pa	ge 29 of 33



Flood Insurance Risk Data

Map ID		Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	Property-based Flood Risk Rating:		A15SW (NW)	0	4	374289 440803
1.00	Postcode Sector F	lood Insurance Claim Ratings				İ
	Insurance Rating: Postcode Sector:	Very Low Flood Insurance Claim Rating - No Recorded Claims BB7 1	A11NW (W)	0	4	374449 440484

ating: Negligible Flood Risk Rating A15SW (NW) 0 ctor Flood Insurance Claim Ratings A11NW ON Proceedings A11NW ON Proceedings BB7 1 A15SW (NW) 0 A15W (NW) 0 A15SW (NW) 0 A15	4	374289 440803 374449 440484	
ting: Very Low Flood Insurance Claim Rating - No Recorded Claims A11NW (W) 0 SB7 1 A11NW 0	4	440484	
		į	
		į	
		;	
		į	
		į	
		į	
		į	
		į	
		į	
		i i	



Data Currency

ÉA / CEH Flood Data	Version	Update Cycle	
Extreme Flooding from Rivers or Sea without Defences Environment Agency - Head Office	February 2012	Quarterly	
Flooding from Rivers or Sea without Defences Environment Agency - Head Office	February 2012	Quarterly	
Areas Benefiting from Flood Defences Environment Agency - Head Office	February 2012	Quarterly	
Flood Water Storage Areas Environment Agency - Head Office	February 2012	Quarterly	
Flood Defences Environment Agency - Head Office	February 2012	Quarterly	
RMS Flood Data	Version	Update Cycle	
RMS 75 year Flood Return Risk Management Solutions - North West Catchment	December 2008	As notified	
MS 100 year Flood Return .isk Management Solutions - North West Catchment	December 2008	As notified	
RMS 1000 year Flood Return Risk Management Solutions - North West Catchment	December 2008	As notified	
BGS Flood Data	Version	Update Cycle	
BGS Geological Indicators of Flooding British Geological Survey - National Geoscience Information Service	February 2011	Annually	
BGS Groundwater Flooding Susceptibility British Geological Survey - National Geoscience Information Service	February 2011	Annually	
EA Detailed River Network Data	Version	Update Cycle	
Detailed River Network Lines Environment Agency - Head Office	March 2012	Annually	
Detailed River Network Nodes Environment Agency - Head Office	March 2012	Annually	
Detailed River Network Offline Drainage vironment Agency - Head Office	March 2012	Annually	
EA Historic Flood Events Data	Version	Update Cycle	
Historic Flood Events Environment Agency - Head Office	January 2012	Quarterly	
Historical Flood Liabilities Landmark Information Group Limited	December 1999	Not Applicable	
EA National Flood Risk Assessment Data (NaFRA)	Version	Update Cycle	
National Flood Risk Assessment Environment Agency - Head Office	October 2011	Annually	
Flood Insurance Risk Data	Version	Update Cycle	
Property-based Flood Risk Aviva - Dataservice	January 2010	Not Applicable	
Postcode Sector Flood Insurance Claim Ratings Crawford and Company	March 2012	Quarterly	

on Update	Cycle
010 Not Appli	icable
012 Quarte	erly
ation Croup Sandon B	age 31 of 33
_	tion Group Service P





Data Suppliers

A selection of organisations who provide data within this report

Data Supplier	Data Supplier Logo
Ordnance Survey	Ordnance Survey*
Environment Agency	Environment Agency
Centre for Ecology and Hydrology	Centre for Ecology & Hydrology NATURAL ENVIRONMENT RESEARCH COUNCIL.
British Geological Survey	British Geological Survey NATURAL ENVIRONMENT RESEARCH COUNCIL
Aviva	AVIVA
Risk Management Solutions	RMS

			·	
Page 32 of 3	A Landmark Information Group Service	rpr_ec_datasheet v47 0	Date: 25-Apr-2012	Order Number: 38714560_1_1



Useful Contacts

ರontact	Name and Address	Contact Details
1	Environment Agency - National Customer Contact Centre (NCCC)	Telephone: 08708 506 506 Email: enquiries@environment-agency gov uk
	PO Box 544, Templeborough, Rotherham, S60 1BY	
2	Landmark Information Group Limited	Telephone: 0844 844 9966 Fax: 0844 844 9980
	Legal and Financial, The Smith Centre, Fairmile, Henley-on-Thames, Oxon, RG9 6AB	Email: info@landmarkinfo.co.uk Website: www.landmarkinfo.co.uk
3	British Geological Survey - Enquiry Service	Telephone: 0115 936 3143 Fax: 0115 936 3276
	British Geological Survey, Kingsley Dunham Centre, Keyworth, Nottingham, Nottinghamshire, NG12 5GG	Email: enquiries@bgs.ac uk Website: www bgs ac uk
4	Landmark Information Group Limited	Telephone: 01392 441761
	5 - 7 Abbey Court, Eagle Way, Sowton Exeter, Devon, EX2 7HY	Fax: 01392 441709 Email: cssupport@landmarkinfo co.uk Website: www.landmarkinfo.co.uk
-	Landmark Information Group Limited	Telephone: 0844 844 9952 Fax: 0844 844 9951
	The Smith Centre, Henley On Thames, Oxfordshire, RG9 6AB	Email: customerservices@landmarkinfo co.uk Website: www.landmarkinfo co.uk

Copyright Notice

© Landmark Information Group Limited2012 The Copyright on the information and data and its format as contained in this Envirocheck® Report ("Report') is the property of Landmark Information Group Limited ("Landmark") and several other Data Providers, including (but not limited to) Ordnance Survey, British Geological Survey, the Environment Agency and Natural England, and must not be reproduced in whole or in part by photocopying or any other method. The Report is supplied under Landmark's Terms and Conditions accepted by the Customer

Terms and Conditions accepted by the Customer.

A copy of Landmark's Terms and Conditions can be found with the Index Map for this report. Additional copies of the Report may be obtained from Landmark, subject to Landmark's charges in force from time to time. The Copyright design rights and any other intellectual rights shall remain the exclusive property of Landmark and /or other Data providers, whose Copyright material has been included in this Report.

RMS Flood Data Information

This report incorporates flood hazard maps, data and information in relation to flood risk ('information") licensed by Risk Management Solutions, Inc. ('RMS') to Landmark Information Group Ltd ("Landmark"). RMS is not engaged in the insurance real estate, finance or related industries The Information provided is not intended to constitute professional advice or an endorsement by RMS of any kind regarding the use and suitability of the Information The Information is based on the scientific data mathematical and empirical models and encoded experience of scientists and engineers and is inherently imprecise

The information is being provided "AS IS" without any warranty of any kind. RMS disclaims all representations and warranties, express or implied, including but not limited to implied warranties of merchantability, non-infringement and fitness for a particular purpose or any warranties as to the accuracy completeness reliability or certainty of the Information YOU RELY ON THE INFORMATION SOLELY AT YOUR OWN RISK

3 specifically disclaims any and all obligations and liability with respect to any decisions or advice made or given as a result of the Information. In no event shall RMS (or its ent, subsidiary or other affiliated companies) be liable for any direct indirect, special, incidental or consequential damages (including loss of profits, loss of business and loss of interruption of business), suffered by you, a counterparty or any third party arising out of (1) any use of or reliance upon this Information; (2) any decisions or advice made or given as a result of the contents of the Information or use thereof; or (3) any errors omissions or inaccuracies in the Information

Order Number: 38714560_1_1 Date: 25-Apr-2012 rpr_ec_datasheet v47 0 A Landmark Information Group Service Page 33 of 33



Envirocheck® Report:

Flood Screening Report Datasheet

Order Details:

Order Number:

38714560_1_1

Customer Reference: 29421-09-po244230

National Grid Reference:

375880, 440650

Slice:

В

Site Area (Ha):

Search Buffer (m):

Site Details:

Site at Clitheroe Lancashire

Client Details:

Mr R Breakspear AMEC Environment & Infrastructure UK Limited 155 Aztec West Park Avenue Almondsbury Bristol BS32 4UB



amec®

Contents

Report Section and Details		P	age Number
Summary			
The Summary section provides an overview of the data contains features or the existence of a data set in relation to the buffer(s) down into seven sections of data.			
EA / CEH Flood Data			
This section details data from the Environment Agency and the	Centre for Ecology an	d Hydrology	
The EA data is reported to a distance of 250m from the edge of Zone 3 flood extents, as well as flood defences, flood water store	the site polygon and dage areas l	details both Zo benefiting from	ne 2 (extreme) and flood defences
The CEH data is reported to a distance of 250m from the edge of divided into levels based on the frequency and magnitude of a p			data for Scotland
All data sets within this section are plotted and feature on the EA OS Contour data is also plotted, detailing contours, spot heights		:10,000) map	For added value
RMS Flood Data			1
This section contains the Risk Management Solutions flood data occurence for 3 flood return periods; these being 75 years, 100 y	The data is based u	pon the likeliho	ood of a flood
Each return period is depicted on a separate 1:10,000 scale map	and reports features	to a distance	of 250m from the
Each return period can detail both defended and/or undefended to associated flood depth. In addition pluvial flood features are also notuded. For added value, OS Contour data is also plotted, deta	detailed where applic	cable, but tidal	flooding is not
associated flood depth. In addition pluvial flood features are also	detailed where applic	cable, but tidal	flooding is not
associated flood depth. In addition pluvial flood features are also ncluded For added value, OS Contour data is also plotted, deta	detailed where appliciting contours, spot he	cable, but tidal eights and air h	flooding is not neights.
associated flood depth. In addition pluvial flood features are also ncluded. For added value, OS Contour data is also plotted, deta BGS Flood Data This section contains two BGS data sets; namely Geological India	detailed where applications of Flooding and Om, with coverage in	cable, but tidal eights and air h	flooding is not neights.
associated flood depth. In addition pluvial flood features are also noticed. For added value, OS Contour data is also plotted, deta BGS Flood Data This section contains two BGS data sets; namely Geological Indiassection	detailed where applications of Flooding and Om, with coverage in	cable, but tidal eights and air h	flooding is not neights.
associated flood depth. In addition pluvial flood features are also notuded. For added value, OS Contour data is also plotted, deta BGS Flood Data This section contains two BGS data sets; namely Geological Indisusceptibility both of which report features out to a possible 100 Each data set is plotted on a seperate BGS Flood Data (1:50,000)	detailed where applications of Flooding an 10m, with coverage in 10m ap.	d Groundwate England. Wales	flooding is not neights. 2 r Flooding as and Scotland.
associated flood depth. In addition pluvial flood features are also notuded. For added value, OS Contour data is also plotted, deta BGS Flood Data This section contains two BGS data sets; namely Geological Indisusceptibility both of which report features out to a possible 100 Each data set is plotted on a seperate BGS Flood Data (1:50,000 EA Detailed River Network Data This section details 3 sources of data that depict and detail the ri	detailed where applications of Flooding an 10m, with coverage in 10m map. Ver network of Englar Map Topography Laye	d Groundwate England. Wales	flooding is not neights. 2 r Flooding as and Scotland. 5 captured primarily
associated flood depth. In addition pluvial flood features are also notuded. For added value, OS Contour data is also plotted, deta BGS Flood Data This section contains two BGS data sets; namely Geological Indisusceptibility both of which report features out to a possible 100 Each data set is plotted on a seperate BGS Flood Data (1:50,000 EA Detailed River Network Data This section details 3 sources of data that depict and detail the rim the water features theme of Ordnance Survey's OS Mastern	detailed where applicating contours, spot he illing contours, spot he illing contours, spot he illing contours, spot he illing contours, spot he illing contours, spot he illing contours, spot he intersections which can be intersections which can be	d Groundwate England. Water and and Water efound in Englanding England in Eng	flooding is not neights. 2 r Flooding as and Scotland. 5 captured primarily land and Wales lied river network
associated flood depth. In addition pluvial flood features are also notuded. For added value, OS Contour data is also plotted, deta BGS Flood Data This section contains two BGS data sets; namely Geological Indisusceptibility both of which report features out to a possible 100 Each data set is plotted on a seperate BGS Flood Data (1:50,000 EA Detailed River Network Data This section details 3 sources of data that depict and detail the rimon the water features theme of Ordnance Survey's OS Masterical Control of the DRN Lines data set details all the types of rivers, drains and the DRN Nodes data set details the river, drain and stream node data. All nodes are defined as being one of the following: A sources.	icators of Flooding and Map Topography Layer streams which can be intersections which ce, sink junction, or p	d Groundwate England. Wales er e found in England in En	flooding is not neights. 2 r Flooding es and Scotland. 5 captured primarily land and Wales liled river network interactions or not
BGS Flood Data This section contains two BGS data sets; namely Geological Indisusceptibility both of which report features out to a possible 100 Each data set is plotted on a seperate BGS Flood Data (1:50,000 EA Detailed River Network Data This section details 3 sources of data that depict and detail the rirom the water features theme of Ordnance Survey's OS Masteri The DRN Lines data set details all the types of rivers, drains and The DRN Nodes data set details the river, drain and stream node data. All nodes are defined as being one of the following: A sources in DRN Offline Drainage dataset details water features from Ostales.	detailed where applicating contours, spot he iling contours, spot he iling contours, spot he iling contours, spot he iling contours, spot he iling and iling	d Groundwate England. Wales er e found in England seudo node, ir not connect intook (1:10,000)	flooding is not beights. 2 r Flooding as and Scotland. 5 captured primarily land and Wales liled river network atteractions or not to the river network to the river network.

Order Number: 38714560_1_1 Date: 25-Apr-2012 rpr_ec_datasheet v47.0 A Landmark Information Group Service

Also included in this section is Landmark's Historical Flood Liabilities data set, which identifies areas that are liable to flood based on systematic analysis of historical mapping dating back to the mid 19th century.

Both data sets within this section are plotted and feature on the EA Historical Flood (1:10,000) map. For added value, OS Contour data is also plotted, detailing contours, spot heights and air heights

flood, and how the flood outline was established

amec®

Contents

EA NaFRA Data	

This section details the National Flood Risk Assessment (NaFRA) data sourced from the Environment Agency and is reported to a distance of 1000m from the edge of the site polygon. The NaFRA data provides an indication of flood risk at a national level. The data has been created by calculating the actual likelihood of flooding to areas of land within the flood plain of an extreme flood (0.1% or 1 in 1000 chance in any year)

The method considers the probability that the flood defences will overtop or breach, and the distance of the impact cell from the river or the sea. It enables a comparison of the relative risks and their distribution within each of these catchments, rather than a detailed, local assessment of the risk at a specific location. EA do not hold information on properties (including floor levels). NaFRA data can therefore only assessed if there are properties within the impact cells where EA have assessed the flood risk.

The data within this section is plotted and feature on the EA NaFRA Data (1:50,000) map

|--|

This section contains two sources of flood risk data from Aviva and Crawford and Company Neither data sets are plotted on any of the associated Flood maps

Aviva has generated a detailed flood risk assessment to accurately evaluate the flood risk for individual customers. The information from this assessment has been used to define a risk model detailing 5 levels of flood risk, based on the individual properties rather than the postcode. The flood risk assessment undertaken by Aviva is for river flooding and coastal flooding only, and does not include groundwater, flash or sewerage flooding. Only the worst case flood risk is reported for the site

Crawford & Co have generated an Insurance Claims rating for Flood Risk. The risk is determined by comparing the number of flood insurance claims made to the number of properties in the postcode sector. The data will also include flood claims from domestic accidents or blocked drains, as well as flooding from river or tidal events. Flood insurance claim ratings are reported for the site only.

Data Currency		14	
Data Suppliers		15	
Useful Contacts		16	

Report Version v47.0

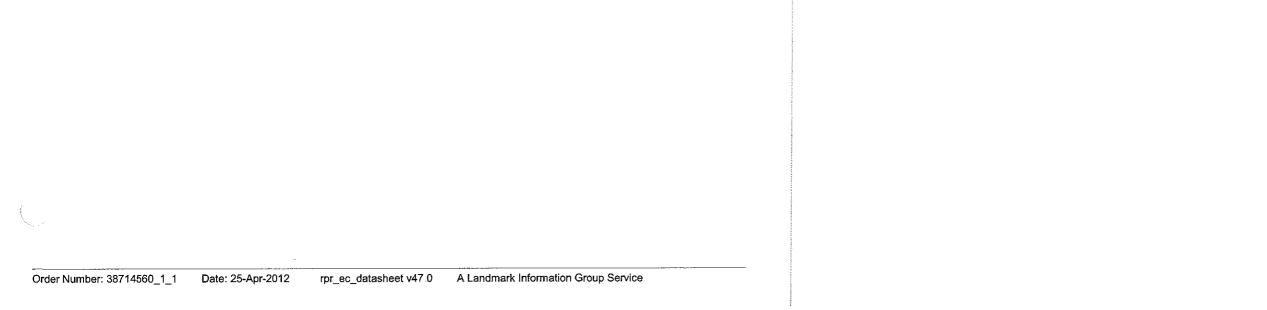
Order Number: 38714560_1_1 Date: 25-Apr-2012 rpr_ec_datasheet v47.0 A Landmark Information Group Service



Summary

uata Type	Page Number	On Site	0 to 250m	251 to 500m	501 to 1000m
EA / CEH Flood Data					
Extreme Flooding from Rivers or Sea without Defences				n/a	n/a
Flooding from Rivers or Sea without Defences				n/a	n/a
Areas Benefiting from Flood Defences				n/a	n/a
Flood Water Storage Areas				n/a	n/a
Flood Defences		Ē.		n/a	n/a
RMS Flood Data					
RMS 75 year Flood Return	pg 1		2	n/a	n/a
RMS 100 year Flood Return	pg 1	1		n/a	n/a
RMS 1000 year Flood Return	pg 1	1		n/a	n/a
`GS Flood Data					
BGS Geological Indicators of Flooding	pg 2	-		1	1
BGS Groundwater Flooding Susceptibility	pg 2	10	12	12	17
EA Detailed River Network Data					
Detailed River Network Lines	pg 5		2	12	16
Detailed River Network Nodes	pg 10		1	6	13
Detailed River Network Offline Drainage	pg 10				1
EA Historic Flood Events Data		왕동, 100 11			
Historic Flood Events					
Historical Flood Liabilities					
EA National Flood Risk Assessment Data					
National Flood Risk Assessment	pg 11		3	2	21
lood Insurance Risk Data					
Property-based Flood Risk			п/а	n/a	n/a
Postcode Sector Flood Insurance Claim Ratings	pg 13	1	n/a	n/a	n/a

Report Version v47.0





RMS Flood Data

Map ID		Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	RMS 75 year Flood	Return				
	Flood Type/Depth: Flood Hazard:	75 year pluvial flood, depth is not applicable Pluvial & Minor River Flood Risk	B13SW (NW)	125	1	375765 440872
	RMS 75 year Flood	Return				
	Flood Type/Depth: Flood Hazard:	75 year pluvial flood, depth is not applicable Pluvial & Minor River Flood Risk	B9NW (W)	243	1	375666 440650
	RMS 100 year Floo	d Return				
	Flood Type/Depth: Flood Hazard:	100 year pluvial flood, depth is not applicable Pluvial & Minor River Flood Risk	B9NW (W)	0	1	375830 440649
	RMS 1000 year Flo	od Return				
	Flood Type/Depth: Flood Hazard:	1000 year pluvial flood, depth is not applicable Pluvial & Minor River Flood Risk	B9NE (NW)	0	1	375880 440649

				(ch lich A material and a material as manners as manners as manners as a second	
					A promotion of the state of the	
					es and an analysis of the entered states of	
					ri (ring) (r. 1 ring) (r. 1 ring)	
					ente en e e trajación e manual des e es	
					res e u roma com Pre Arreio	
					nt na odnamija alpoju	
				Year.	to be the second or beauty to be the second or b	
					ti en distribuis distribuis di di distribuis di	
Order Number: 38714560_1_1	datasheet v47 0	A Landmark Informat	ion Group Service	Page 1 of 16	meljanova tejanovačisti	



Map ID		Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	BGS Geological Inc Flooding Type: Flood Potential Code:	licators of Flooding Inland Flooding Higher flood potential from rivers: the first areas to experience the effects of inland flooding in a river catchment	(NW)	349	2	374755 441765
	BGS Geological Inc Flooding Type: Flood Potential Code:	licators of Flooding Inland Flooding Higher flood potential from rivers: the first areas to experience the effects of inland flooding in a river catchment.	(N)	962	2	375436 442180
	BGS Groundwater I Flooding Type:	Flooding Susceptibility Moderately High Susceptibility to Groundwater Flooding	(W)	0	2	375000 440649
	BGS Groundwater I Flooding Type:	Flooding Susceptibility Moderately High Susceptibility to Groundwater Flooding	B9NW (NW)	0	2	375700 440751
	BGS Groundwater I Flooding Type:	Flooding Susceptibility Moderately High Susceptibility to Groundwater Flooding	(NW)	0	2	375001 441401
	BGS Groundwater I Flooding Type:	Flooding Susceptibility Moderate Susceptibility to Groundwater Flooding	(W)	0	2	374851 440651
	BGS Groundwater I Flooding Type:	Flooding Susceptibility Low Susceptibility to Groundwater Flooding	(W)	0	2	375201 440901
	BGS Groundwater Flooding Type:	Flooding Susceptibility High Susceptibility to Groundwater Flooding	(W)	0	2	375100 440651
	BGS Groundwater Flooding Type:	Flooding Susceptibility Moderate Susceptibility to Groundwater Flooding	(W)	0	2	375001 440851
	BGS Groundwater F Flooding Type:	Flooding Susceptibility Moderate Susceptibility to Groundwater Flooding	B9NW (W)	0	2	375550 440651
	BGS Groundwater F	Flooding Susceptibility High Susceptibility to Groundwater Flooding	(NW)	0	2	375001 441501
	BGS Groundwater F	Flooding Susceptibility High Susceptibility to Groundwater Flooding	(W)	0	2	375000 440301
		Flooding Susceptibility Moderately High Susceptibility to Groundwater Flooding	(W)	14	2	375001 441001
***	BGS Groundwater F	Flooding Susceptibility High Susceptibility to Groundwater Flooding	B9NE (NW)	15	2	375880 440649
	BGS Groundwater F	Flooding Susceptibility Low Susceptibility to Groundwater Flooding	B9NW (W)	43	2	375550 440751
,	BGS Groundwater F Flooding Type:	Flooding Susceptibility Moderate Susceptibility to Groundwater Flooding	B13SW (NW)	93	2	375550 440851
	BGS Groundwater F Flooding Type:	Flooding Susceptibility Moderately High Susceptibility to Groundwater Flooding	B13NW (NW)	139	2	375600 441101
	BGS Groundwater F	Flooding Susceptibility Moderate Susceptibility to Groundwater Flooding	B9NW	169	2	375600 440751
i	BGS Groundwater F	Flooding Susceptibility Moderately High Susceptibility to Groundwater Flooding	(W) (SW)	176	2	375000 440201
[BGS Groundwater F	Flooding Susceptibility Moderately High Susceptibility to Groundwater Flooding	(SW)	196	2	375100
	BGS Groundwater F	Flooding Susceptibility Moderately High Susceptibility to Groundwater Flooding	(SW)	199	2	375350
-	BGS Groundwater F	Flooding Susceptibility Low Susceptibility to Groundwater Flooding	(NW)	242	2	440351 374901

		1 2017 02		441301
Order Number: 38714560_1_1	Date: 25-Apr-2012	rpr_ec_datasheet v47.0	A Landmark Information Group Service	Page 2 of 16



lap ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	BGS Groundwater Flooding Susceptibility				
	Flooding Type: Moderate Susceptibility to Groundwater Flooding	(SW)	245	2	375150 440151
	BGS Groundwater Flooding Susceptibility Flooding Type: Moderately High Susceptibility to Groundwater Flooding	B13SW	250	2	375 7 00
	BGS Groundwater Flooding Susceptibility	(NW)			440951
	Flooding Type: Moderately High Susceptibility to Groundwater Flooding	(SW)	252	2	375300 440251
	BGS Groundwater Flooding Susceptibility Flooding Type: Moderately High Susceptibility to Groundwater Flooding	(SW)	267	2	375150
		(0)	201		440201
	BGS Groundwater Flooding Susceptibility Flooding Type: Moderate Susceptibility to Groundwater Flooding	(SW)	283	2	375000 440151
	BGS Groundwater Flooding Susceptibility				440101
	Flooding Type: Moderately High Susceptibility to Groundwater Flooding	(NW)	316	2	375151 441451
	BGS Groundwater Flooding Susceptibility Flooding Type: Moderately High Susceptibility to Groundwater Flooding	(SW)	327	2	375300
	BGS Groundwater Flooding Susceptibility				440101
	Flooding Type: Moderate Susceptibility to Groundwater Flooding	(SW)	335	2	375250 440151
i	BGS Groundwater Flooding Susceptibility				
	Flooding Type: Moderately High Susceptibility to Groundwater Flooding	(SW)	383	2	375000 440001
	BGS Groundwater Flooding Susceptibility Flooding Type: Moderately High Susceptibility to Groundwater Flooding	(SW)	392	2	375150
		(0.17)			440051
İ	BGS Groundwater Flooding Susceptibility Flooding Type: Moderate Susceptibility to Groundwater Flooding	(SW)	424	2	375200 440051
	BGS Groundwater Flooding Susceptibility				440001
	Flooding Type: Moderately High Susceptibility to Groundwater Flooding	B9SW (SW)	439	2	375600 440301
	BGS Groundwater Flooding Susceptibility	(6)4()	140	2	275200
	Flooding Type: Moderately High Susceptibility to Groundwater Flooding	(SW)	440	2	375300 440001
	BGS Groundwater Flooding Susceptibility Flooding Type: Moderately High Susceptibility to Groundwater Flooding	(NW)	495	2	375001
	BGS Groundwater Flooding Susceptibility	. ,			441601
i	Flooding Type: High Susceptibility to Groundwater Flooding	B5NW (SW)	504	2	375600 440001
	BGS Groundwater Flooding Susceptibility			_	
	Flooding Type: Moderate Susceptibility to Groundwater Flooding	(NW)	590	2	375001 441701
i	BGS Groundwater Flooding Susceptibility Flooding Type: Moderately High Susceptibility to Groundwater Flooding	B13SE	593	2	376050
		(NE)			440851
	BGS Groundwater Flooding Susceptibility Flooding Type: Moderately High Susceptibility to Groundwater Flooding	B9SW	610	2	375800
	BGS Groundwater Flooding Susceptibility	(S)	i		440351
	Flooding Type: Moderately High Susceptibility to Groundwater Flooding	(N)	629	2	376051 441601
1	BGS Groundwater Flooding Susceptibility	DOME	640		270000
	Flooding Type: Moderately High Susceptibility to Groundwater Flooding	B9NE (E)	640	2	376000 440649
	BGS Groundwater Flooding Susceptibility Flooding Type: Moderate Susceptibility to Groundwater Flooding	(SW)	646	2	375200
	BGS Groundwater Flooding Susceptibility		ļ Į	i	439801
1	Flooding Type: Moderately High Susceptibility to Groundwater Flooding	B5NE	658	2	375880

Order Number: 38714560_1_1 Date: 25-Apr-2012 rpr_ec_datasheet v47.0 A Landmark Information Group Service Page 3 of 16







Map ID		Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	Detailed River Network Lines					
1	River Type: Tertiary River River Name: Not Supplied Hydrographic Area: River Flow Type: Primary Flow Path River Surface Level: Surface Drain Feature: Not a Drain Flood Risk Other Rivers Management Status: Water Course Not Supplied Name: Water Course Not Supplied Reference:		B13SW (NW)	78	3	375644 441041
2	River Type: Drain Hydrographic Area: D011 River Flow Type: Primary Flow Path River Surface Level: Drain Feature: Drain (ditch, Reen Damagement Status: Water Course Name: Water Course Reference: Not Supplied	Rhyne Drain)	B13SW (NW)	235	3	375626 440978
3	Detailed River Network Lines River Type: Tertiary River River Name: Not Supplied Hydrographic Area: D011 River Flow Type: Primary Flow Path River Surface Level: Surface Drain Feature: Not a Drain Flood Risk Other Rivers Management Status: Water Course Not Supplied Name: Water Course Reference: Not Supplied Reference:		B13SW (NW)	280	3	375644 441041
	Detailed River Network Lines River Type: Tertiary River River Name: Not Supplied Hydrographic Area: D011 River Flow Type: Primary Flow Path River Surface Level: Surface Drain Feature: Not a Drain Flood Risk Other Rivers Management Status: Water Course Not Supplied Name: Water Course Not Supplied Reference:		B9NW (W)	280	3	375644 440618
5	Detailed River Network Lines River Type: Extended Culvert (gr River Name: Not Supplied Hydrographic Area: D011 River Flow Type: Primary Flow Path River Surface Level: Below Surface Drain Feature: Not a Drain Flood Risk Other Rivers Management Status: Water Course Not Supplied Name: Water Course Not Supplied Reference:	eater than 50m)	B13SW (N)	349	3	375756 441076
6	Detailed River Network Lines River Type: Tertiary River River Name: Not Supplied Hydrographic Area: D011 River Flow Type: Primary Flow Path River Surface Level: Surface Drain Feature: Not a Drain Flood Risk Other Rivers Management Status: Water Course Not Supplied Name: Water Course Not Supplied Reference:		B13NW (NW)	349	3	375674 441117

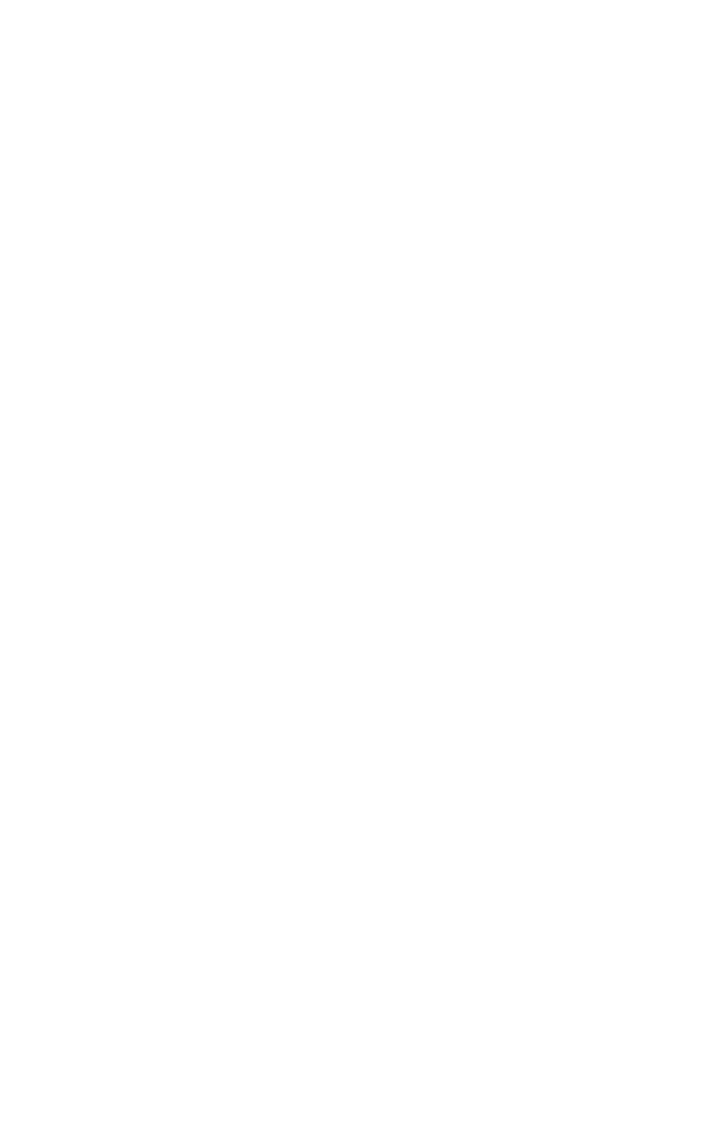
Order	Number: 38714560)_1_1	Date: 25-Apr-2012	rpr_ec_datasheet v47 0	A Landmark Information	n Group Service	Page 5 of 16
	Name: Water Course Reference:	Not S	upplied	·			11/2
	Water Course	Not S	upplied				



Map ID		Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
•	Detailed River Netw	vork Lines				
7	River Type: River Name: Hydrographic Area: River Flow Type: River Surface Level: Drain Feature: Flood Risk Management Status: Water Course Name: Water Course Reference:	Not a Drain Other Rivers	B9NW (W)	358	3	375660 440631
	Detailed River Netw	ork Lines				
8	River Type: River Name: Hydrographic Area: River Flow Type: River Surface Level: Drain Feature: Flood Risk Management Status: Water Course Name: Water Course Reference:	Tertiary River Not Supplied D011 Primary Flow Path Surface Not a Drain Other Rivers	B9NW (W)	358	3	375679 440651
	Detailed River Netw	ork Lines				
9	River Type: River Name: Hydrographic Area: River Flow Type: River Surface Level: Drain Feature: Flood Risk Management Status: Water Course Name: Water Course Reference:	Tertiary River Not Supplied D011 Primary Flow Path Surface Not a Drain Other Rivers Not Supplied Not Supplied	B9NW (NW)	361	3	375787 440758
		ark t ince				
10	Detailed River Netw River Type: River Name: Hydrographic Area: River Flow Type: River Surface Level: Drain Feature: Flood Risk Management Status: Water Course Name: Water Course Reference:	Tertiary River Drain D011 Primary Flow Path	B9NW (SW)	363	3	375776 440575
	Detailed River Netwo	·				
11	River Name: Hydrographic Area: River Flow Type: River Surface Level: Drain Feature: Flood Risk Management Status: Water Course Name:	Tertiary River Drain D011 Primary Flow Path Surface Drain (ditch, Reen Rhyne Drain) Other Rivers Not Supplied Not Supplied	B13SW (N)	394	3	375757 441076
i	Detailed River Netwo				# T	
12	River Name: Hydrographic Area: River Flow Type: River Surface Level: Drain Feature: Flood Risk Management Status:	Not a Drain Other Rivers	(SW)	460	3	375443 440001
	Name:	Not Supplied			, tr	
	Water Course	Not Supplied				

Water Course Not Supplied Name:
Water Course Not Supplied Reference:

Order Number: 38714560_1_1 Date: 25-Apr-2012 rpr_ec_datasheet v47.0 A Landmark Information Group Service Page 6 of 16





Map ID		Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
13	Detailed River Netwon River Type: River Name: Hydrographic Area: River Flow Type: River Surface Level: Drain Feature: Flood Risk Management Status: Water Course Name: Water Course Reference:	Secondary River Not Supplied D011 Secondary Flow Path Surface Not a Drain Other Rivers	B9SW (SW)	483	3	375507 440129
14	Detailed River Netw River Type: River Name: Hydrographic Area: River Flow Type: River Surface Level: Drain Feature: Flood Risk Management Status: Water Course Name: Water Course Reference:	Secondary River Not Supplied D011 Primary Flow Path Surface Not a Drain Other Rivers	B9SW (SW)	483	3	375509 440127
15	Detailed River Netw River Type: River Name: Hydrographic Area: River Flow Type: River Surface Level: Drain Feature: Flood Risk Management Status: Water Course Name: Water Course Reference:	Secondary River Howcroft Brook D011 Primary Flow Path Surface Not a Drain Other Rivers	B9SW (SW)	504	3	375593 440127
16	Detailed River Netw River Type: River Name: Hydrographic Area: River Flow Type: River Surface Level: Drain Feature: Flood Risk Management Status: Water Course Name: Water Course Reference:	Tertiary River Not Supplied D011 Primary Flow Path Surface Not a Drain Other Rivers	B13NE (N)	528	3	375839 441196
17	Detailed River Netw River Type: River Name: Hydrographic Area: River Flow Type: River Surface Level: Drain Feature: Flood Risk Management Status: Water Course Name: Water Course Reference:	Tertiary River Drain D011 Primary Flow Path Surface Drain (ditch, Reen, Rhyne Drain) Other Rivers	B13NE (N)	528	3	375996 441161
18	Detailed River Netwood River Type: River Name: Hydrographic Area: River Flow Type: River Surface Level: Drain Feature: Flood Risk Management Status: Water Course Name: Water Course Reference:	Tertiary River Not Supplied D011 Primary Flow Path Surface Not a Drain Other Rivers	B9NE (NE)	608	3	376001 440758

Water Course Reference:	Not St	ıpplied			
Order Number: 38714560	1_1_1	Date: 25-Apr-2012	rpr_ec_datasheet v47 0	A Landmark Information Group Service	Page 7 of 1



Map ID		Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	Detailed River Netv	vork Lines	·			
19	River Type: River Name: Hydrographic Area: River Flow Type: River Surface Level: Drain Feature: Flood Risk Management Status Water Course Name: Water Course Reference:	Tertiary River Drain D011 Primary Flow Path Surface Drain (ditch, Reen, Rhyne, Drain) Other Rivers	B9NE (NE)	608	3	376001 440758
	Detailed River Netw	vork Lines	1			
20	River Type: River Name: Hydrographic Area: Hydrographic Area: River Flow Type: River Surface Level: Drain Feature: Flood Risk Management Status Water Course Name: Water Course Reference:	Not a Drain Other Rivers	B14NW (NE)	657	3	376320 441347
	Detailed River Netw	rork Lines				
21	River Type: River Name: Hydrographic Area: River Flow Type: River Surface Level: Drain Feature: Flood Risk Management Status: Water Course Name: Water Course Reference:	Not a Drain Other Rivers	(SW)	694	3	375364 439822
		-4.15		i		: •
22	Detailed River Netw River Type: River Name: Hydrographic Area: River Flow Type: River Surface Level: Drain Feature: Flood Risk Management Status: Water Course Name: Water Course Reference:	Secondary River Not Supplied D011 Primary Flow Path Surface Not a Drain Other Rivers Not Supplied Not Supplied	B9SE (S)	732	3	375940 440158
	Detailed River Netw				^	075066
	River Type: River Name: Hydrographic Area: River Flow Type: River Surface Level: Drain Feature: Flood Risk Management Status: Water Course Name: Water Course Reference:	Tertiary River Drain D011 Primary Flow Path Surface Drain (ditch, Reen Rhyne Drain) Other Rivers Not Supplied Not Supplied	85NE (S)	735	3	375838 440046
-	Detailed River Netw	ork Lines				
24	River Type: River Name: Hydrographic Area: River Flow Type: River Surface Level: Drain Feature: Flood Risk Management Status: Water Course Name: Water Course Reference:	Extended Culvert (greater than 50m) Not Supplied D011 Primary Flow Path Below Surface Not a Drain Other Rivers Not Supplied Not Supplied	B5NW (S)	787	3	375588 439828

·		· · · · · · · · · · · · · · · · · · ·	,		
	Detailed River Netw	vork Lines			
24	River Type:	Extended Culvert (greater than 50m)	B5NW	787	
	River Name:	Not Supplied	(S)	-	439828
	Hydrographic Area:	D011	1	j	
	River Flow Type:	Primary Flow Path	ĺ	į	
	River Surface Level:			ì	
	Drain Feature:	Not a Drain			
١.	Flood Risk	Other Rivers			-
	Management Status:				i
	Water Course	Not Supplied			
i	Name:				
}	Water Course	Not Supplied	ĺ		İ
	Reference:				
				'	
Order	Number: 38714560	1 1 Date: 25-Apr-2012 rpr_ec_datasheet v47 0 A	Landmark Informat	ion Group Service	Page 8 of 1
Oldel	Number: 507 14500	_1_1 Date: 20-Apr-2012 1pr_00_datable0001111 0		Ф. т. т.	1 age o or





Map ID		Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
25	Detailed River Netwon River Type: River Name: Hydrographic Area: River Flow Type: River Surface Level: Drain Feature: Flood Risk Management Status Water Course Name: Water Course Reference:	Tertiary River Not Supplied D011 Primary Flow Path Surface Not a Drain Other Rivers	B5NW (S)	808	3	375701 439889
26	Detailed River Netwon River Type: River Name: Hydrographic Area: River Flow Type: River Surface Level: Drain Feature: Flood Risk Management Status: Water Course Name: Water Course Reference:	Terliary River Not Supplied D011 Primary Flow Path Surface Not a Drain Other Rivers	B9SE (SE)	886		376150 440290
27	River Type: River Name: Hydrographic Area: River Flow Type: River Surface Level: Drain Feature: Flood Risk Management Status: Water Course Name: Water Course Reference:	Secondary River Howcroft Brook D011 Primary Flow Path Surface Not a Drain Other Rivers	B9SE (S)	886	3	375972 440149
28	Detailed River Netw River Type: River Name: Hydrographic Area: River Flow Type: River Surface Level: Drain Feature: Flood Risk Management Status: Water Course Name: Water Course Reference:	Tertiary River Drain D011 Primary Flow Path Surface Drain (ditch, Reen Rhyne Drain) Other Rivers	B10NW (E)	981	3	376349 440614
29	Detailed River Netw River Type: River Name: Hydrographic Area: River Flow Type: River Surface Level: Drain Feature: Flood Risk Management Status: Water Course Name: Water Course Reference:	Tertiary River Not Supplied D011 Primary Flow Path	B10NW (E)	992	3	376380 440694
30	Detailed River Netw River Type: River Name: Hydrographic Area: River Flow Type: River Surface Level: Drain Feature: Flood Risk Management Status: Water Course Name: Water Course Reference:	Tertiary River Not Supplied D011 Primary Flow Path	B10NW (E)	993	3	376380 440692

Reference:				
Detailed River No	twork Lines			
30 River Type: River Name: Hydrographic Area River Flow Type: River Surface Lev Drain Feature: Flood Risk Management Stat Water Course Name: Water Course Reference: Order Number: 3871456	Primary Flow Path el: Surface Not a Drain Other Rivers us: Not Supplied Not Supplied	B10NW (E)	993 3	376380 440692 Page 9 of 16





Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
31	Detailed River Network Nodes River Node Type: Source Hydrographic Area: D011	B13SW (NW)	235	3	375626 440978
32	Detailed River Network Nodes River Node Type: Junction Hydrographic Area: D011	B13SW (NW)	280	3	375644 441041
33	Detailed River Network Nodes River Node Type: Junction Hydrographic Area: D011	B13NW (NW)	349	3	375674 441117
34	Detailed River Network Nodes River Node Type: Pseudo (OS MasterMap polygon boundary) Hydrographic Area: D011	B9NW (W)	358	3	375644 440618
35	Detailed River Network Nodes River Node Type: Pseudo (OS MasterMap polygon boundary) Hydrographic Area: D011	B9NW (W)	361	3	375660 440631
36	Detailed River Network Nodes River Node Type: Junction Hydrographic Area: D011	B9NW (W)	363	3	375679 440651
37	Detailed River Network Nodes River Node Type: Pseudo (general) Hydrographic Area: D011	B13SW (N)	394	3	375756 441076
38	Detailed River Network Nodes River Node Type: Junction Hydrographic Area: D011	B9SW (SW)	504	3	375509 440127
39	Detailed River Network Nodes River Node Type: Junction Hydrographic Area: D011	B13NE (N)	528	3	375839 441196
40	Detailed River Network Nodes River Node Type: Junction Hydrographic Area: D011	B9NE (NE)	608	3	376001 440758
41	Detailed River Network Nodes River Node Type: Source Hydrographic Area: D011	B13NE (N)	665	3	376017 441156
42	Detailed River Network Nodes River Node Type: Source Hydrographic Area: D011	B13NE (N)	692	3	375962 441304
43	Detailed River Network Nodes River Node Type: Junction Hydrographic Area: D011	B5NW (S)	735	3	375748 440054
44	Detailed River Network Nodes River Node Type: Pseudo (general) Hydrographic Area: D011	B5NW (S)	787	3	375588 439828
45	Detailed River Network Nodes River Node Type: Source Hydrographic Area: D011	B5NE (S)	814	3	375838 440046
46	Detailed River Network Nodes River Node Type: Pseudo (general) Hydrographic Area: D011	B5NW (S)	838	3	375636 439799
47	Detailed River Network Nodes River Node Type: Junction Hydrographic Area: D011	B9SE (S)	886	3	375972 440149
48	Detailed River Network Nodes River Node Type: Source Hydrographic Area: D011	B9SE (SE)	899	3	376136 440363
49	Detailed River Network Nodes River Node Type: Source Hydrographic Area: D011	B10NW (E)	981	3	376349 440614
50	Detailed River Network Nodes River Node Type: Junction Hydrographic Area: D011	B10NW (E)	993	3	376380 440692
51	Detailed River Network Offline Drainage River Type: Tertiary River Hydrographic Area: D011	B13SE (NE)	722	3	376111 441056

Order Number: 38714560_1_1 Date: 25-Apr-2012 rpr_ec_datasheet v47 0 A Landmark Information Group Service Page 10 of 16



EA NaFRA Data

P	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
National Flood Ris Flood Risk Assessment Code: Source: Catchment Area:	k Assessment (NaFRA) Moderate Environment Agency Head Office Ribble & Calder	(NW)	102	4	37516 44123
National Flood Ris Flood Risk Assessment Code: Source: Catchment Area:	k Assessment (NaFRA) Significant Environment Agency Head Office Ribble & Calder	(NW)	104	4	37517 44124
· · · ·	k Assessment (NaFRA) Moderate Environment Agency Head Office Ribble & Calder	(NW)	107	4	37517 44124
National Flood Ris Flood Risk Assessment Code: Source: Catchment Area:	k Assessment (NaFRA) Low Environment Agency, Head Office Ribble & Calder	(NW)	267	4	37510 44139
National Flood Ris Flood Risk Assessment Code: Source: Catchment Area:	k Assessment (NaFRA) Significant Environment Agency Head Office Ribble & Calder	(NW)	339	4	37514i 44178:
	k Assessment (NaFRA) Moderate Environment Agency Head Office Ribble & Calder	(NW)	512	4	374877 441574
National Flood Ris Flood Risk Assessment Code: Source: Catchment Area:	k Assessment (NaFRA) Significant Environment Agency Head Office Ribble & Calder	(NW)	514	4	374877 441574
National Flood Ris Flood Risk Assessment Code: Source: Catchment Area:	Assessment (NaFRA) Moderate Environment Agency Head Office Ribble & Calder	(NW)	529	4	374838 441595
National Flood Risi Flood Risk Assessment Code: Source: Catchment Area:	Assessment (NaFRA) Low Environment Agency Head Office Ribble & Calder	(NW)	597	4	375278 441739
National Flood Risl Flood Risk Assessment Code: Source: Catchment Area:	Assessment (NaFRA) Low Environment Agency Head Office Ribble & Calder	(NW)	601	4	375330 441730
National Flood Risk Flood Risk Assessment Code: Source: Catchment Area:	x Assessment (NaFRA) Significant Environment Agency Head Office Ribble & Calder	(NW)	609	4	375280 441741
National Flood Risk Flood Risk Assessment Code: Source: Catchment Area:	Assessment (NaFRA) Significant Environment Agency Head Office Ribble & Calder	(NW)	615	4	375333 441733
National Flood Risk Flood Risk Assessment Code: Source: Catchment Area:	Assessment (NaFRA) Low Environment Agency Head Office Ribble & Calder	(NW)	615	4	375252 441749
	Assessment (NaFRA) Low Environment Agency Head Office Ribble & Calder	(NW)	620	4	375262 441749

Order Number: 38714560_1_1 Date: 25-Apr-2012 rpr_ec_datasheet v47 0 A Landmark Information Group Service Page 11 of 16





EA NaFRA Data

Map ID		Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	National Flood Risk Flood Risk Assessment Code: Source: Catchment Area:	k Assessment (NaFRA) Low Environment Agency, Head Office Ribble & Calder	(NW)	621	4	375332 441739
	National Flood Risk Flood Risk Assessment Code: Source: Catchment Area:	Assessment (NaFRA) Low Environment Agency Head Office Ribble & Calder	(NW)	643	4	375146 441780
	National Flood Risk Flood Risk Assessment Code: Source: Catchment Area:	Assessment (NaFRA) Low Environment Agency Head Office Ribble & Calder	(NW)	654	4	375156 441795
	National Flood Risk Flood Risk Assessment Code: Source: Catchment Area:	Assessment (NaFRA) Low Environment Agency Head Office Ribble & Calder	(NW)	691	4	375118 441825
	National Flood Risk Flood Risk Assessment Code: Source: Catchment Area:	Assessment (NaFRA) Moderate Environment Agency Head Office Ribble & Calder	(NW)	731	4	374860 441847
	National Flood Risk Flood Risk Assessment Code: Source: Catchment Area:	Assessment (NaFRA) Low Environment Agency Head Office Ribble & Calder	(NW)	779	4	374862 441851
	National Flood Risk Flood Risk Assessment Code: Source: Catchment Area:	Assessment (NaFRA) Moderate Environment Agency Head Office Ribble & Calder	(NW)	811	4	374976 441951
	National Flood Risk Flood Risk Assessment Code: Source: Catchment Area:	Assessment (NaFRA) Low Environment Agency Head Office Ribble & Calder	(NW)	818	4	375021 441940
		Assessment (NaFRA) Low Environment Agency Head Office Ribble & Calder	(NW)	832	4	375002 441951
	National Flood Risk Flood Risk Assessment Code: Source: Catchment Area:	Assessment (NaFRA) Moderate Environment Agency Head Office Ribble & Calder	(NW)	833	4	375001 441951
7	National Flood Risk Flood Risk Assessment Code: Source: Catchment Area:	Assessment (NaFRA) Low Environment Agency Head Office Ribble & Calder	(NW)	893	4	374951 442001
1.4.7	National Flood Risk Flood Risk Assessment Code: Source: Catchment Area:	Assessment (NaFRA) Moderate Environment Agency Head Office Ribble & Calder	(NW)	969	4	375030 442151

0.0	attimment Area.	Nibble & Caldel		 		
	mber: 38714560_	1 1 Date: 25-,	 c_datasheet v47.0	 nformation Group	D	 Page 12 of 16



Flood Insurance Risk Data

ip)	Details	(Compass Direction)	Estimated Distance From Site	Contact	NGR
Po	ostcode Sector Flood Insurance Claim Ratings surance Rating: Very Low Flood Insurance Claim Rating - No Recorded Claims	B9NE	0	4	375880
Pos	surance Rating: Very Low Flood Insurance Claim Rating - No Recorded Claims BB7 1	B9NE (NW)	-		375880 440649
	•				
•					
					Î
					ĺ
					į
	ber: 38714560_1_1	A Landmark Informat			nge 13 of 16



Data Currency

EA / CEH Flood Data	Version	Update Cycle
Extreme Flooding from Rivers or Sea without Defences Environment Agency - Head Office	February 2012	Quarterly
Flooding from Rivers or Sea without Defences Environment Agency - Head Office	February 2012	Quarterly
Areas Benefiting from Flood Defences Environment Agency - Head Office	February 2012	Quarterly
Flood Water Storage Areas Environment Agency - Head Office	February 2012	Quarterly
Flood Defences Environment Agency - Head Office	February 2012	Quarterly
RMS Flood Data	Version	Update Cycle
RMS 75 year Flood Return Risk Management Solutions - North West Catchment	December 2008	As notified
WS 100 year Flood Return usk Management Solutions - North West Catchment	December 2008	As notified
RMS 1000 year Flood Return Risk Management Solutions - North West Catchment	December 2008	As notified
BGS Flood Data	Version	Update Cycle
GGS Geological Indicators of Flooding British Geological Survey - National Geoscience Information Service	February 2011	Annually
GGS Groundwater Flooding Susceptibility British Geological Survey - National Geoscience Information Service	February 2011	Annually
EA Detailed River Network Data	Version	Update Cycle
Detailed River Network Lines Environment Agency - Head Office	March 2012	Annually
Detailed River Network Nodes Environment Agency - Head Office	March 2012	Annually
Detailed River Network Offline Drainage vironment Agency - Head Office	March 2012	Annually
EA Historic Flood Events Data	Version	Update Cycle
Historic Flood Events Environment Agency - Head Office	January 2012	Quarterly
listorical Flood Liabilities andmark information Group Limited	December 1999	Not Applicable
EA National Flood Risk Assessment Data (NaFRA)	Version	Update Cycle
lational Flood Risk Assessment invironment Agency - Head Office	October 2011	Annually
Flood Insurance Risk Data	Version	Update Cycle
roperty-based Flood Risk viva - Dataservice	January 2010	Not Applicable
ostcode Sector Flood insurance Claim Ratings	March 2012	Quarterly

Environment Agency - Head Office	October 2011	Annually
Flood Insurance Risk Data	Version	Update Cycle
Property-based Flood Risk		
Aviva - Dataservice	January 2010	Not Applicable
Postcode Sector Flood Insurance Claim Ratings		
"rawford and Company	March 2012	Quarterly





Data Suppliers

A selection of organisations who provide data within this report

Data Supplier	Data Supplier Logo
Ordnance Survey	Ordnance Survey*
Environment Agency	Environment Agency
Centre for Ecology and Hydrology	Centre for Ecology & Hydrology NATURAL ENVIRONMENT RESEARCH COUNCIL
British Geological Survey	British Geological Survey NATURAL ENVIRONMENT RESEARCH COUNCIL
Aviva	AVIVA
Risk Management Solutions	R M S

Page 15 of	A Landmark Information Group Service	rpr_ec_datasheet v47.0	Date: 25-Apr-2012	Order Number: 38714560_1_1



Useful Contacts

Jontact	Name and Address	Contact Details			
1	Landmark Information Group Limited	Telephone: 0844 844 9966			
	Legal and Financial, The Smith Centre, Fairmile, Henley-on-Thames, Oxon, RG9 6AB	Fax: 0844 844 9980 Email: info@landmarkinfo.co uk Website: www landmarkinfo.co.uk			
2	British Geological Survey - Enquiry Service	Telephone: 0115 936 3143			
	British Geological Survey, Kingsley Dunham Centre, Keyworth,	Fax: 0115 936 3276 Email: enquiries@bgs ac.uk			
	Nottingham, Nottinghamshire, NG12 5GG	Website: www.bgs ac.uk			
3	Environment Agency - National Customer Contact Centre (NCCC)	Telephone: 08708 506 506 Email: enquiries@environment-agency gov uk			
	Centre (NOCC)				
	PO Box 544 Templeborough, Rotherham, S60 1BY				
4	Landmark Information Group Limited	Telephone: 01392 441761 Fax: 01392 441709			
	5 - 7 Abbey Court, Eagle Way, Sowton Exeter, Devon, EX2 7HY	Email: cssupport@landmarkinfo.co.uk			
	o , , , asso, estar, esgis may, esmon energy, estar, energy	Website: www landmarkinfo.co.uk			
	Landmark Information Group Limited	Telephone: 0844 844 9952			
	The Smith Centre Henley On Thames, Oxfordshire, RG9 6AB	Fax: 0844 844 9951			
	The Office Treffley Off Thames, Oxfordshire, 1000 0AD	Email: customerservices@landmarkinfo.co.uk Website: www.landmarkinfo.co.uk			

Copyright Notice

© Landmark Information Group Limited2012 The Copyright on the information and data and its format as contained in this Envirocheck® Report ("Report') is the property of Landmark Information Group Limited ("Landmark") and several other Data Providers, including (but not limited to) Ordnance Survey. British Geological Survey the Environment Agency and Natural England, and must not be reproduced in whole or in part by photocopying or any other method. The Report is supplied under Landmark's Terms and Conditions accepted by the Customer.

A copy of Landmark's Terms and Conditions can be found with the Index Map for this report. Additional copies of the Report may be obtained from Landmark, subject to Landmark's charges in force from time to time. The Copyright design rights and any other intellectual rights shall remain the exclusive property of Landmark and /or other Data providers whose Copyright material has been included in this Report

RMS Flood Data Information

This report incorporates flood hazard maps, data and information in relation to flood risk ("information") licensed by Risk Management Solutions, Inc. ('RMS') to Landmark Information Group Ltd ("Landmark") RMS is not engaged in the insurance, real estate, finance or related industries
The Information provided is not intended to constitute professional advice or an endorsement by RMS of any kind regarding the use and suitability of the Information
The Information is based on the scientific data mathematical and empirical models and encoded experience of scientists and engineers and is inherently imprecise.

The information is being provided 'AS IS' without any warranty of any kind. RMS disclaims all representations and warranties, express or implied, including but not limited to implied warranties of merchantability, non-infringement and fitness for a particular purpose, or any warranties as to the accuracy, completeness reliability or certainty of the Information. YOU RELY ON THE INFORMATION SOLELY AT YOUR OWN RISK.

3 specifically disclaims any and all obligations and liability with respect to any decisions or advice made or given as a result of the Information. In no event shall RMS (or its ant, subsidiary or other affiliated companies) be liable for any direct, indirect, special, incidental or consequential damages (including loss of profits, loss of business and loss of interruption of business), suffered by you, a counterparty or any third party, arising out of (1) any use of or reliance upon this information; (2) any decisions or advice made or given as a result of the contents of the Information or use thereof; or (3) any errors omissions or inaccuracies in the Information

Order Number: 38714560_1_1 Date: 25-Apr-2012 rpr_ec_datasheet v47.0 A Landmark Information Group Service Page 16 of 16



Envirocheck® Report:

Flood Screening Report **Datasheet**

Order Details:

Order Number:

38714560_1_1

Customer Reference: 29421-09-po244230

National Grid Reference: 374660, 441730

Slice:

Site Area (Ha):

51.39

Search Buffer (m): 1000

Site Details:

Site at Clitheroe Lancashire

Client Details:

Mr R Breakspear AMEC Environment & Infrastructure UK Limited 155 Aztec West Park Avenue Almondsbury **Bristol** BS32 4UB





Contents

회장, 생활성은 현재하다, 상상적 회사 회사의 소전 전상을 보고 되는 것이 하는 이번 사람들이 하는 사람들이 되는 것이 되는 것이 없다면 하는데 하는데 살아 없다면 없다면 하는데 하는데 되었다.	Page Number
Summary	
The Summary section provides an overview of the data contained within the report, detailing features or the existence of a data set in relation to the buffer(s) selected. For ease of referer down into seven sections of data.	
EA / CEH Flood Data	
This section details data from the Environment Agency and the Centre for Ecology and Hydro	ology
The EA data is reported to a distance of 250m from the edge of the site polygon and details to Zone 3 flood extents, as well as flood defences, flood water storage areas and areas benefiting	
The CEH data is reported to a distance of 250m from the edge of the site polygon and covers divided into levels based on the frequency and magnitude of a predicted 100 year term.	flood data for Scotland,
All data sets within this section are plotted and feature on the EA / CEH Flood Data (1:10,000 OS Contour data is also plotted detailing contours, spot heights and air heights.) map. For added value,
RMS Flood Data	2
This section contains the Risk Management Solutions flood data. The data is based upon the occurence for 3 flood return periods; these being 75 years, 100 years and 1000 years.	likelihood of a flood
Each return period is depicted on a separate 1:10,000 scale map and reports features to a dis	stance of 250m from the
edge of the site polygon.	
Each return period can detail both defended and/or undefended flood features, with each feat associated flood depth. In addition pluvial flood features are also detailed where applicable, b included For added value, OS Contour data is also plotted, detailing contours, spot heights a	ut tidal flooding is not
BGS Flood Data	3
This section contains two BGS data sets; namely Geological Indicators of Flooding and Grou Susceptibility both of which report features out to a possible 1000m, with coverage in Englan	
Each data set is plotted on a seperate BGS Flood Data (1:50.000) map.	
EA Detailed River Network Data This section details 3 sources of data that depict and detail the river network of England and	7
EA Detailed River Network Data This section details 3 sources of data that depict and detail the river network of England and Virom the water features theme of Ordnance Survey's OS MasterMap Topography Layer	7 Vales, captured primarily
This section details 3 sources of data that depict and detail the river network of England and from the water features theme of Ordnance Survey's OS MasterMap Topography Layer The DRN Lines data set details all the types of rivers drains and streams which can be found The DRN Nodes data set details the river, drain and stream node intersections which divide the data. All nodes are defined as being one of the following: A source, sink, junction, or pseudo in	7 Wales, captured primarily in England and Wales ne detailed river network
EA Detailed River Network Data This section details 3 sources of data that depict and detail the river network of England and Viron the water features theme of Ordnance Survey's OS MasterMap Topography Layer The DRN Lines data set details all the types of rivers drains and streams which can be found The DRN Nodes data set details the river, drain and stream node intersections which divide the data. All nodes are defined as being one of the following: A source, sink, junction, or pseudo to assigned. The DRN Offline Drainage dataset details water features from OS MasterMap that do not con	7 Wales, captured primarily in England and Wales ne detailed river network node, interactions or not
This section details 3 sources of data that depict and detail the river network of England and from the water features theme of Ordnance Survey's OS MasterMap Topography Layer The DRN Lines data set details all the types of rivers drains and streams which can be found that a line of the DRN Nodes data set details the river, drain and stream node intersections which divide the data. All nodes are defined as being one of the following: A source, sink, junction, or pseudo assigned. The DRN Offline Drainage dataset details water features from OS MasterMap that do not contain are generally limited in length. All data sets within this section are plotted and feature on the EA Detailed River Network (1:1)	Vales, captured primarily in England and Wales ne detailed river network node, interactions or not nect into the river network
EA Detailed River Network Data This section details 3 sources of data that depict and detail the river network of England and Various the water features theme of Ordnance Survey's OS MasterMap Topography Layer The DRN Lines data set details all the types of rivers drains and streams which can be found that a line of DRN Nodes data set details the river, drain and stream node intersections which divide the data. All nodes are defined as being one of the following: A source, sink, junction, or pseudo is assigned. The DRN Offline Drainage dataset details water features from OS MasterMap that do not contain are generally limited in length. All data sets within this section are plotted and feature on the EA Detailed River Network (1:1) yellow OS Contour data is also plotted, detailing contours, spot heights and air heights.	Vales, captured primarily in England and Wales ne detailed river network node, interactions or not nect into the river network

Order Number: 38714560_1_1 Date: 25-Apr-2012 rpr_ec_datasheet v47.0 A Landmark Information Group Service

Also included in this section is Landmark's Historical Flood Liabilities data set, which identifies areas that are liable to flood based on systematic analysis of historical mapping dating back to the mid 19th century

Both data sets within this section are plotted and feature on the EA Historical Flood (1:10,000) map. For added value, OS Contour data is also plotted, detailing contours, spot heights and air heights.

amec®

Contents

EA NaFRA				

This section details the National Flood Risk Assessment (NaFRA) data sourced from the Environment Agency and is reported to a distance of 1000m from the edge of the site polygon. The NaFRA data provides an indication of flood risk at a national level. The data has been created by calculating the actual likelihood of flooding to areas of land within the flood plain of an extreme flood (0.1% or 1 in 1000 chance in any year).

The method considers the probability that the flood defences will overtop or breach, and the distance of the impact cell from the river or the sea. It enables a comparison of the relative risks and their distribution within each of these catchments, rather than a detailed, local assessment of the risk at a specific location. EA do not hold information on properties (including floor levels). NaFRA data can therefore only assessed if there are properties within the impact cells where EA have assessed the flood risk

The data within this section is plotted and feature on the EA NaFRA Data (1:50,000) map

	the first first the second state of	the first of the control of the cont
	A SECTION OF THE SECT	4.4
Flood Insurance Risk Data		76
i lood iligulatice Risk Date	2 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	10
	and the second of the contract of the second	
I the state of the		

This section contains two sources of flood risk data from Aviva and Crawford and Company. Neither data sets are plotted on any of the associated Flood maps

Aviva has generated a detailed flood risk assessment to accurately evaluate the flood risk for individual customers. The information from this assessment has been used to define a risk model detailing 5 levels of flood risk, based on the individual properties rather than the postcode. The flood risk assessment undertaken by Aviva is for river flooding and coastal flooding only, and does not include groundwater. flash or sewerage flooding. Only the worst case flood risk is reported for the site.

Crawford & Co have generated an Insurance Claims rating for Flood Risk. The risk is determined by comparing the number of flood insurance claims made to the number of properties in the postcode sector. The data will also include flood claims from domestic accidents or blocked drains, as well as flooding from river or tidal events. Flood insurance claim ratings are reported for the site only

Data Currency	17	
Data Suppliers	18	
Useful Contacts	19	

Report Version v47.0

Order Number: 38714560_1_1 Date: 25-Apr-2012 rpr_ec_datasheet v47.0 A Landmark Information Group Service



Summary

Data Type	Page Number	On Site	0 to 250m	251 to 500m	501 to 1000m
EA / CEH Flood Data					
Extreme Flooding from Rivers or Sea without Defences	pg 1		1	n/a	n/a
Flooding from Rivers or Sea without Defences	pg 1		1	n/a	n/a
Areas Benefiting from Flood Defences				n/a	n/a
Flood Water Storage Areas				n/a	n/a
Flood Defences				n/a	n/a
RMS Flood Data					
RMS 75 year Flood Return	pg 2	1	1	n/a	n/a
RMS 100 year Flood Return	pg 2	1		n/a	n/a
RMS 1000 year Flood Return	pg 2	1		n/a	n/a
`GS Flood Data					
BGS Geological Indicators of Flooding	pg 3			1	1
BGS Groundwater Flooding Susceptibility	pg 3	10	12	15	46
EA Detailed River Network Data					
Detailed River Network Lines	pg 7		1	5	13
Detailed River Network Nodes	pg 10		:	3	11
Detailed River Network Offline Drainage	pg 10				1
EA Historic Flood Events Data					
Historic Flood Events	pg 11				1
Historical Flood Liabilities					
EA National Flood Risk Assessment Data					
National Flood Risk Assessment	pg 12		3	10	38
lood Insurance Risk Data					
Property-based Flood Risk			n/a	n/a	n/a
Postcode Sector Flood Insurance Claim Ratings	pg 16	1	n/a	n/a	n/a

Report Version v47.0

Order Number: 38714560_1_1 Date: 25-Apr-2012 rpr_ec_datasheet v47.0 A Landmark Information Group Service



EA / CEH Flood Data

Map ID		Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	Extreme Flooding f	rom Rivers or Sea without Defences				
	Type: Flood Plain Type: Boundary Accuracy:	Extent of Extreme Flooding from Rivers or Sea without Defences Fluvial Models As Supplied	C4SW (SE)	102	1	375007 441541
	Flooding from Rive	rs or Sea without Defences				
	Type: Flood Plain Type: Boundary Accuracy:	Extent of Flooding from Rivers or Sea without Defences Fluvial Models As Supplied	C4SW (SE)	103	1 	375016 441545
	Areas Benefiting fro	om Flood Defences				
	None	•				
	Flood Water Storag	e Areas				
	None					
	Flood Defences					
	None					

	AND THE PARTY OF T	



RMS Flood Data

Map ID		Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	RMS 75 year Flood	Return				
	Flood Type/Depth: Flood Hazard:	75 year pluvial flood, depth is not applicable Pluvial & Minor River Flood Risk	C3SE (W)	0	2	374663 441733
	RMS 75 year Flood	Return			Arra Walanda	
	Flood Type/Depth: Flood Hazard:	75 year pluvial flood, depth is not applicable Pluvial & Minor River Flood Risk	C3SE (SE)	73	2	374783 441600
	RMS 100 year Floo	d Return	1		3	
	Flood Type/Depth: Flood Hazard:	100 year pluvial flood depth is not applicable Pluvial & Minor River Flood Risk	C3SE (W)	0	2	374663 441733
	RMS 1000 year Flo	od Return			:	
	Flood Type/Depth: Flood Hazard:	1000 year pluvial flood, depth is not applicable Pluvial & Minor River Flood Risk	C3SE (W)	0	2	374663 441733

Order Number: 38714560_1_1 Date: 25-Apr-2012 rpr_ec_datasheet v47 0 A Landmark Information Group Se	ervice Page 2 d



Map ID		Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	BGS Geological Inc Flooding Type: Flood Potential	licators of Flooding Inland Flooding Higher flood potential from rivers: the first areas to experience the effects of	C3SE (W)	349	3	374663 441733
	Code:	inland flooding in a river catchment	(00)			441733
	_	dicators of Flooding	0.0884	000		075004
	Flooding Type: Flood Potential Code:	Inland Flooding Higher flood potential from rivers: the first areas to experience the effects of inland flooding in a river catchment	C4NW (NE)	962	3	375001 442083
	BGS Groundwater I Flooding Type:	Flooding Susceptibility Moderately High Susceptibility to Groundwater Flooding	(S)	0	3	374701 440951
-	BGS Groundwater I Flooding Type:	Flooding Susceptibility Moderately High Susceptibility to Groundwater Flooding	C4SW (SE)	0	3	375001 441451
	BGS Groundwater I Flooding Type:	Flooding Susceptibility Moderately High Susceptibility to Groundwater Flooding	C3SE (SE)	0	3	374751 441551
	BGS Groundwater I Flooding Type:	Flooding Susceptibility Low Susceptibility to Groundwater Flooding	(SE)	0	3	375101 440951
	BGS Groundwater I Flooding Type:	Flooding Susceptibility Moderately High Susceptibility to Groundwater Flooding	(S)	0	3	374601 440801
	BGS Groundwater F Flooding Type:	Flooding Susceptibility Moderately High Susceptibility to Groundwater Flooding	(S)	0	3	374651 440851
:	BGS Groundwater F Flooding Type:	Flooding Susceptibility Moderate Susceptibility to Groundwater Flooding	C3SE (S)	0	3	374751 441451
	BGS Groundwater F Flooding Type:	Flooding Susceptibility Moderate Susceptibility to Groundwater Flooding	(SE)	0	3	375051 441051
	BGS Groundwater F Flooding Type:	Flooding Susceptibility High Susceptibility to Groundwater Flooding	C3SE (W)	0	3	374663 441733
	BGS Groundwater F Flooding Type:	Flooding Susceptibility High Susceptibility to Groundwater Flooding	(S)	0	3	374663 440851
		Flooding Susceptibility Moderately High Susceptibility to Groundwater Flooding	(SE)	14	3	374951 441251
	BGS Groundwater F Flooding Type:	Flooding Susceptibility High Susceptibility to Groundwater Flooding	C4NW (NE)	15	3	375001 441901
	BGS Groundwater F Flooding Type:	Flooding Susceptibility Low Susceptibility to Groundwater Flooding	(SE)	43	3	375450 440951
	BGS Groundwater F Flooding Type:	Flooding Susceptibility High Susceptibility to Groundwater Flooding	(S)	55	3	374451 441001
J	BGS Groundwater F Flooding Type:	looding Susceptibility Moderate Susceptibility to Groundwater Flooding	(SE)	93	3	375500 440951
i	BGS Groundwater F Flooding Type:	looding Susceptibility Moderate Susceptibility to Groundwater Flooding	(SW)	118	3	374201 441151
		looding Susceptibility Moderately High Susceptibility to Groundwater Flooding	C4SE (E)	139	3	375251 441501
	BGS Groundwater F Flooding Type:	looding Susceptibility Moderate Susceptibility to Groundwater Flooding	(SE)	169	3	375550 440801
i		looding Susceptibility Moderate Susceptibility to Groundwater Flooding	(SW)	216	3	374451 441301
		looding Susceptibility Low Susceptibility to Groundwater Flooding	(SW)	217	3	374051 440951

Order Number: 38714560_1_1 Date: 25-Apr-2012 rpr_ec_datasheet v47 0 A Landmark Information Group Service Page 3 of 19





Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	BGS Groundwater Flooding Susceptibility				
	Flooding Type: Low Susceptibility to Groundwater Flooding	(SE)	242	3	374851 441401
	BGS Groundwater Flooding Susceptibility		-		
	Flooding Type: Moderately High Susceptibility to Groundwater Flooding	(SE)	250	3	375650 441001
	BGS Groundwater Flooding Susceptibility	5	,		
	Flooding Type: Moderately High Susceptibility to Groundwater Flooding	(SW)	260	3	374101 441101
	BGS Groundwater Flooding Susceptibility				
	Flooding Type: Moderately High Susceptibility to Groundwater Flooding	(SW)	269	3	374051 441051
	BGS Groundwater Flooding Susceptibility	(6141)	269	3	374151
	Flooding Type: Moderately High Susceptibility to Groundwater Flooding	(SW)	209	J	441151
	BGS Groundwater Flooding Susceptibility Flooding Type: Moderately High Susceptibility to Groundwater Flooding	(SW)	295	3	374001
		(511)	200		441001
	BGS Groundwater Flooding Susceptibility Flooding Type: Moderately High Susceptibility to Groundwater Flooding	C4SW	316	3	375001
		(E)		-	441733
	BGS Groundwater Flooding Susceptibility Flooding Type: Moderately High Susceptibility to Groundwater Flooding	(SW)	367	3	374001
					441201
	BGS Groundwater Flooding Susceptibility Flooding Type: Moderately High Susceptibility to Groundwater Flooding	(SW)	380	3	373951
	BGS Groundwater Flooding Susceptibility				441101
	Flooding Type: Moderately High Susceptibility to Groundwater Flooding	(SW)	390	3	373901
	BGS Groundwater Flooding Susceptibility				441001
	Flooding Type: Moderate Susceptibility to Groundwater Flooding	(SW)	406	3	373951
	BGS Groundwater Flooding Susceptibility				441201
	Flooding Type: Moderately High Susceptibility to Groundwater Flooding	(SW)	407	3	374151
	BGS Groundwater Flooding Susceptibility		i		441401
	Flooding Type: Moderate Susceptibility to Groundwater Flooding	C3SW (SW)	438	3	374151 441451
	BGS Groundwater Flooding Susceptibility	(577)			441403
	Flooding Type: Low Susceptibility to Groundwater Flooding	(SW)	472	3	373951 441301
	BGS Groundwater Flooding Susceptibility		100000000000000000000000000000000000000		,,,,,,,,
	Flooding Type: Moderately High Susceptibility to Groundwater Flooding	C3SW (SW)	486	. 3	374301 441501
	BGS Groundwater Flooding Susceptibility				
	Flooding Type: Moderately High Susceptibility to Groundwater Flooding	C3SE (E)	495	3	374801 441701
	BGS Groundwater Flooding Susceptibility			_	
	Flooding Type: Moderately High Susceptibility to Groundwater Flooding	C3SW (SW)	498	3	374351 441551
	BGS Groundwater Flooding Susceptibility	00011	F40		274404
	Flooding Type: Moderately High Susceptibility to Groundwater Flooding	C3SW (SW)	519	3	374401 441601
	BGS Groundwater Flooding Susceptibility	02014	E40	,	274054
	Flooding Type: Moderate Susceptibility to Groundwater Flooding	C3SW (SW)	519	3	374251 441501
	BGS Groundwater Flooding Susceptibility	C3SW	522	3	374201
	Flooding Type: Moderately High Susceptibility to Groundwater Flooding	(SW)	322	3	441451
	BGS Groundwater Flooding Susceptibility	C3SW	525	3	374301
	Flooding Type: Low Susceptibility to Groundwater Flooding	(SW)	J23	3	441551
	BGS Groundwater Flooding Susceptibility Flooding Type: Low Susceptibility to Groundwater Flooding	(SW)	537	3	373801
	Flooding Type: Low Susceptibility to Groundwater Flooding	(344)	55,	3	441151

Date: 25-Apr-2012	rpr_ec_datasheet v47 0	A Landmark Information Group Service	Page 4 of 19
	Date: 25-Apr-2012	Date: 25-Apr-2012 rpr_ec_datasheet v47 0	Date: 25-Apr-2012 rpr_ec_datasheet v47 0 A Landmark Information Group Service



/lap ID	Details		Estimated Distance From Site	Contact	NGR
	BGS Groundwater Flooding Susceptibility				
	Flooding Type: Moderate Susceptibility to Groundwater Flooding	(SW)	538	3	373701 440901
	BGS Groundwater Flooding Susceptibility				
	Flooding Type: Moderately High Susceptibility to Groundwater Flooding	C3SW (W)	549	3	374451 441651
	BGS Groundwater Flooding Susceptibility				
	Flooding Type: Low Susceptibility to Groundwater Flooding	C3SW (SW)	554	3	374201 441501
	BGS Groundwater Flooding Susceptibility				
	Flooding Type: Negligible Susceptibility to Groundwater Flooding	C3SW (SW)	556	3	374251 441551
	BGS Groundwater Flooding Susceptibility	C3SW	EGG	3	374401
	Flooding Type: Low Susceptibility to Groundwater Flooding	(W)	566	ა 	441651
	BGS Groundwater Flooding Susceptibility Flooding Type: Negligible Susceptibility to Groundwater Flooding	C3NW	567	3	374451
	Flooding Type: Negligible Susceptibility to Groundwater Flooding	(NW)	707		441851
	BGS Groundwater Flooding Susceptibility Flooding Type: Moderate Susceptibility to Groundwater Flooding	(SW)	582	3	373751
		(311)	302	J	441151
	BGS Groundwater Flooding Susceptibility Flooding Type: Moderately High Susceptibility to Groundwater Flooding	(SW)	587	3	373801
		(011)	307		441251
	BGS Groundwater Flooding Susceptibility Flooding Type: Moderate Susceptibility to Groundwater Flooding	C4SW	590	3	374951
	Piboding Type. Widdefate Susceptibility to Groundwater Flooding	(E)			441733
	BGS Groundwater Flooding Susceptibility Flooding Type: Moderately High Susceptibility to Groundwater Flooding	(SE)	593	3	376000
į	Flooding Type: Moderately High Susceptibility to Groundwater Flooding	(SE)	090	· ·	440951
	BGS Groundwater Flooding Susceptibility	C3SW	597	3	374451
	Flooding Type: Moderate Susceptibility to Groundwater Flooding	(W)	59/ !		441701
	BGS Groundwater Flooding Susceptibility	(614)	604		070754
)	Flooding Type: Low Susceptibility to Groundwater Flooding	(SW)	604	3	373751 441201
	BGS Groundwater Flooding Susceptibility	(0)40	044		070704
	Flooding Type: High Susceptibility to Groundwater Flooding	(SW)	611	3	373701 441101
	BGS Groundwater Flooding Susceptibility	2225			071101
	Flooding Type: Moderately High Susceptibility to Groundwater Flooding	C2SE (W)	628	3	374101 441651
	BGS Groundwater Flooding Susceptibility	0.004/	200	•	A75454
	Flooding Type: Moderately High Susceptibility to Groundwater Flooding	C4NW (E)	629	3	375151 441801
	BGS Groundwater Flooding Susceptibility	0005	005	2	074504
	Flooding Type: Moderately High Susceptibility to Groundwater Flooding	C3SE (W)	635	3	374501 441733
i	BGS Groundwater Flooding Susceptibility				
	Flooding Type: Moderately High Susceptibility to Groundwater Flooding	(SE)	640	3	376000 440651
	BGS Groundwater Flooding Susceptibility	6001	0.12		07447
	Flooding Type: Low Susceptibility to Groundwater Flooding	C3SW (W)	646	3	374451 441733
	BGS Groundwater Flooding Susceptibility		0=0		
	Flooding Type: Moderate Susceptibility to Groundwater Flooding	C4NE (E)	678	3	375251 441851
É	BGS Groundwater Flooding Susceptibility			27	
	Flooding Type: Moderately High Susceptibility to Groundwater Flooding	C3NE (NW)	679	3	374601 441801
	BGS Groundwater Flooding Susceptibility				
	Flooding Type: Moderate Susceptibility to Groundwater Flooding	C3SE (W)	685	3	374501 441751
	BGS Groundwater Flooding Susceptibility	1			
	Flooding Type: Moderate Susceptibility to Groundwater Flooding	(SW)	686	3	373551 440851

Order Number: 38714560_1_1 Date: 25-Apr-2012 rpr_ec_datasheet v47 0 A Landmark Information Group Service Page 5 of 19





Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	BGS Groundwater Flooding Susceptibility	1			
	Flooding Type: Moderate Susceptibility to Groundwater Flooding	(SW)	728	3	373501 440801
	BGS Groundwater Flooding Susceptibility			•	
	Flooding Type: Negligible Susceptibility to Groundwater Flooding	C3SW (W)	735	3	374151 441701
	BGS Groundwater Flooding Susceptibility				
	Flooding Type: Moderate Susceptibility to Groundwater Flooding	C2SE (W)	740	3	374001 441651
	BGS Groundwater Flooding Susceptibility	· //			
	Flooding Type: Low Susceptibility to Groundwater Flooding	C2SE (W)	768	3	374101 441701
	BGS Groundwater Flooding Susceptibility				
	Flooding Type: Low Susceptibility to Groundwater Flooding	C3SW (W)	775	3	374151 441733
	BGS Groundwater Flooding Susceptibility	(''/			
	Flooding Type: Low Susceptibility to Groundwater Flooding	C3NE (NW)	784	3	374501 441851
	BGS Groundwater Flooding Susceptibility				
	Flooding Type: Low Susceptibility to Groundwater Flooding	C3SW (W)	789	3	374201 441751
	BGS Groundwater Flooding Susceptibility				
	Flooding Type: Moderate Susceptibility to Groundwater Flooding	C2SE (W)	801	3	374051 441701
	BGS Groundwater Flooding Susceptibility	` ,			
	Flooding Type: Moderate Susceptibility to Groundwater Flooding	C3SW (W)	806	3	374151 441751
	BGS Groundwater Flooding Susceptibility				
	Flooding Type: Low Susceptibility to Groundwater Flooding	C2SE (W)	806	3	374051 441733
	BGS Groundwater Flooding Susceptibility				
	Flooding Type: Low Susceptibility to Groundwater Flooding	C3NW (W)	809	3	374251 441801
	BGS Groundwater Flooding Susceptibility		:	,	
	Flooding Type: Moderate Susceptibility to Groundwater Flooding	C3NW (W)	833	3	374201 441801
	BGS Groundwater Flooding Susceptibility				
	Flooding Type: Moderate Susceptibility to Groundwater Flooding	C3NW (W)	854	3	374251 441851
Ì	BGS Groundwater Flooding Susceptibility				
	Flooding Type: Moderately High Susceptibility to Groundwater Flooding	C3NW (NW)	858	3	374301 441951
	BGS Groundwater Flooding Susceptibility	1	ĺ	İ	•
	Flooding Type: Moderate Susceptibility to Groundwater Flooding	C3NE (NW)	878	3	374551 441951
	BGS Groundwater Flooding Susceptibility	- land			
	Flooding Type: Negligible Susceptibility to Groundwater Flooding	C2SE (W)	898	3	373951 441733
	BGS Groundwater Flooding Susceptibility	V-7/			
	Flooding Type: High Susceptibility to Groundwater Flooding	C3NW (W)	901	3	374151 441851
	BGS Groundwater Flooding Susceptibility	V/		İ	
	Flooding Type: Moderate Susceptibility to Groundwater Flooding	C2NE (W)	915	3	374051 441801
	BGS Groundwater Flooding Susceptibility			_	
İ	Flooding Type: Moderate Susceptibility to Groundwater Flooding	C3NW (NW)	961	3	374351 442001

Order Number: 38714560_1_1 Date: 25-Apr-2012 rpr_ec_datasheet v47.0 A Landmark Information Group Service Page 6 of 19



Map ID		Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	Detailed River Net	work Lines				İ
	River Type: River Name: Hydrographic Area: River Flow Type: River Surface Level Drain Feature: Flood Risk Management Status Water Course Name: Water Course Reference:	Tertiary River Not Supplied D011 Primary Flow Path : Surface Not a Drain Other Rivers	(SE)	206		375063 441433
	Detailed River Netv	vork Lines		i		
2	River Type: River Name: Hydrographic Area: Hydrographic Area: River Flow Type: River Surface Level: Drain Feature: Flood Risk Management Status Water Course Name: Water Course Reference:	Primary Flow Path Surface Not a Drain Other Rivers	C4SW (SE)	316	1	375059 441435
	Detailed River Netv	vork Lines				
3	River Type: River Name: Hydrographic Area: River Flow Type: River Surface Level: Drain Feature: Flood Risk Management Status Water Course Name: Water Course Reference:	Not a Drain Flood Risk Management Indicative/Statutory Main River	C4SW (SE)	319	1	375010 441536
		rest Lines				
	Detailed River Netwon River Type: River Name: Hydrographic Area: River Flow Type: River Surface Level: Drain Feature: Flood Risk Management Status: Water Course Name: Water Course Reference:	Primary River Not Supplied D011 Primary Flow Path Surface Not a Drain Flood Risk Management Indicative/Statutory Main River	C3SW (SW)	383	1	374316 441441
5	Detailed River Netw River Type: River Name: Hydrographic Area: River Flow Type: River Surface Level: Drain Feature: Flood Risk Management Status: Water Course Name: Water Course Reference:	Extended Culvert (greater than 50m) Not Supplied D011 Primary Flow Path Below Surface Not a Drain Flood Risk Management Indicative/Statutory Main River	C4SW (SE)	431	1	374886 441578
Ţ	Detailed River Netw	ork Lines			İ	
	River Type: River Name: Hydrographic Area: River Flow Type: River Surface Level: Drain Feature: Flood Risk Management Status: Water Course Name: Water Course	Primary Flow Path	C3SW (SW)	468	1	374403 441536

į	Detailed River Netw	rork Lines				
6	River Type: River Name: Hydrographic Area: River Flow Type: River Surface Level: Drain Feature: Flood Risk Management Status: Water Course	Not a Drain Flood Risk Management Indicative/Statutory Main River	C3SW (SW)	468	1	374403 441536
Order	Name: Water Course Reference: Number: 38714560	PEBR _1_1 Date: 25-Apr-2012 rpr_ec_datasheet v47 0 A Lan	dmark Informa	ation Group Se	ervice	Page 7 of 19



Map ID		Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	Detailed River Netv	unrk Lines				
7	River Type: River Name: Hydrographic Area: River Flow Type: River Surface Level: Drain Feature: Flood Risk Management Status Water Course Name: Water Course Reference:	Primary River Mearley Brook D011 Primary Flow Path Surface Not a Drain Flood Risk Management Indicative/Statutory Main River	C3SE (W)	505	1	374613 441743
	Detailed River Netw	vork Lines				
8	River Type: River Name: Hydrographic Area: River Flow Type: River Surface Level: Drain Feature: Flood Risk Management Status: Water Course Name: Water Course Reference:	Not a Drain Flood Risk Management Indicative/Statutory Main River	C3SE (SE)	520	1	374696 441674
	Detailed River Netw	rork Lines				
	River Type: River Name: Hydrographic Area: River Flow Type: River Surface Level: Drain Feature: Flood Risk Management Status: Water Course Name: Water Course Reference:	Not a Drain Flood Risk Management Indicative/Statutory Main River	C3SE (SW)	602	1	374648 441717
	Detailed River Netw	ork Lines				
10	River Type: River Name: Hydrographic Area: River Flow Type: River Surface Level: Drain Feature: Flood Risk Management Status: Water Course Name: Water Course Reference:	Tertiary River Not Supplied D011 Primary Flow Path Surface Not a Drain Other Rivers Not Supplied Not Supplied	C4NW (E)	610	1	375130 441796
	Detailed River Netw	ork Lines				
	River Type: River Name: Hydrographic Area: River Flow Type: River Surface Level: Drain Feature: Flood Risk Management Status: Water Course Name: Water Course Reference:	Not a Drain Other Rivers	C4SE (E)	657	1	375442 441751
	Detailed River Netw	ork Lines		- International		
	River Flow Type: River Surface Level: Drain Feature: Flood Risk Management Status: Water Course Name:	Not a Drain Other Rivers Not Supplied	C4NW (NE)	661	1	374852 442028
	Water Course Reference:	Not Supplied				

Order	Number: 38714560_	_1_1 Date: 25-Apr-2012	rpr_ec_datasheet v47 0	A Landmark Information Group Service	Page 8 of 19
	Water Course Reference:	Not Supplied			
Sq. 2 1	Management Status: Water Course Name:	Not Supplied			
	Drain Feature: Flood Risk	Not a Drain Other Rivers			
	River Surface Level:				1





Map ID		Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
13	River Name: Not S Hydrographic Area: D011 River Flow Type: Prima River Surface Level: Surfac Drain Feature: Not a Flood Risk Other Management Status: Water Course Not S Name:	ary River Supplied I ary Flow Path	C4SE (E)	673	1	375442 441751
14	River Name: Hydrographic Area: River Flow Type: River Surface Level: Drain Feature: Flood Risk Management Status:	ary River Supplied ary Flow Path ice i Drain d Risk Management Indicative/Statutory Main River DLETON/MEARLEY BROOK	C3SE (W)	675	1	374612 441749
15	River Name: Mearl Hydrographic Area: D011 River Flow Type: River Surface Level: Surface Level: Not a Flood Risk Flood Management Status:	ary River ley Brook ary Flow Path ce I Drain I Risk Management Indicative/Statutory Main River DLETON/MEARLEY BROOK	C3NE (N)	834	1	374636 441908
16	River Name: Not S Hydrographic Area: River Flow Type: River Surface Level: Dotaln Feature: Not a Flood Risk Flood Management Status:	ided Culvert (greater than 50m) supplied sary Flow Path v Surface Drain I Risk Management Indicative/Statutory Main River	C3NE (N)	834	1	374636 441908
17	River Name: Not S Hydrographic Area: D011 River Flow Type: River Surface Level: Drain Feature: Not a Flood Risk Other Management Status: Water Course Not S Name:	ary River supplied	C4NE (E)	909	1	375491 441988
18	River Name: Not Si Hydrographic Area: D011 River Flow Type: River Surface Level: Drain Feature: Not a Other Management Status: Water Course Not Si	ry River upplied ary Flow Path ce	C8SE (NE)	928	1	375241 442155

Order Number: 38714560_1_1 Date: 25-Apr-2012 rpr_ec_datasheet v47 0 A Landmark Information Group Service Page 9 of 19





EA Detailed River Network Data

Map ID		Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
19	Detailed River Netw River Type: River Name:	ork Lines Primary River Mearly Brook	C4NW (NE)	947	1	374852 442028
	Hydrographic Area: River Flow Type: River Surface Level: Drain Feature: Flood Risk Management Status: Water Course	D011 Primary Flow Path	(NL)			172020
	Name: Water Course Reference:	PEBR				
	Detailed River Netw	ork Nodes				
20	River Node Type: Hydrographic Area:	Pseudo (OS MasterMap polygon boundary) D011	C4SW (SE)	319	1	375059 441435
21	Detailed River Netw River Node Type: Hydrographic Area:	ork Nodes Pseudo (OS MasterMap polygon boundary) D011	C4SW (SE)	431	1	375010 441536
	Detailed River Netw	ork Nodes				
22	River Node Type: Hydrographic Area:	Pseudo (OS MasterMap polygon boundary) D011	C3SW (SW)	468	1	374316 441441
23	Detailed River Netwo River Node Type: Hydrographic Area:	ork Nodes Pseudo (OS MasterMap polygon boundary) D011	C3SW (SW)	505	1	374403 441536
	Detailed River Netw	ork Nodes				
24	River Node Type: Hydrographic Area:	Pseudo (OS MasterMap polygon boundary) D011	C4SW (SE)	520	1	374886 441578
25	Detailed River Netwo River Node Type: Hydrographic Area:	ork Nodes Pseudo (OS MasterMap polygon boundary) D011	C3SE (SE)	602	1	374696 441674
26	Detailed River Netwood River Node Type: Hydrographic Area:	ork Nodes Pseudo (OS MasterMap polygon boundary) D011	C4NW (E)	661	1	375130 441796
	Detailed River Netwo	ork Nodes	:			
27	River Node Type: Hydrographic Area:	Junction D011	C4SE (E)	673	1	375442 441751
	Detailed River Netwo	ork Nodes				
28	River Node Type: Hydrographic Area:	Junction D011	C3SE (W)	675	1	374612 441749
29	Detailed River Netwo River Node Type: Hydrographic Area:	ork Nodes Source D011	C4SE (E)	679	1	375445 441756
30	Detailed River Netwo River Node Type: Hydrographic Area:	ork Nodes Junction D011	C3NE (N)	834	1	374636 441908
31	Detailed River Netwo	ork Nodes Source	C4NE	909	1	375492
	Hydrographic Area:		(E)			441986
32	Detailed River Netwo River Node Type: Hydrographic Area:	ork Nodes Source D011	C4NE (NE)	928	1	375312 442053
	Detailed River Netwo	ork Nodes		-	_	
33	River Node Type:	Junction D011	C4NW (NE)	947	1	374852 442028
34	Detailed River Netwo River Type: Hydrographic Area:	ork Offline Drainage Tertiary River D011	C3NE (NE)	732	1	374803 441818

Order Number: 38714560_1_1 Date: 25-Apr-2012 rpr_ec_datasheet v47.0 A Landmark Information Group Service Page 10 of 19



EA Historic Flood Events Data

Map ID		Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	Historic Flood Eve	nts				
35	Flood Event Type: Flooding Cause: Source: Flood Event Start Date: Flood Event End Date:	Historic Flood Event - Fluvial Obstruction/Blockage - Culvert Environment Agency Head Office 3rd July 2007 4th July 2007	C3NE (NE)	899	1	374805 441971

		consumption destributed consumerable consume	
		erem Brov pacchlancessidepunction	
		neprikanannan anti-adazararan	
		na Noverico (Navardi particul mendum periori	
		notennanes, martinatoria	
		month description of the control of	
		the righty in the control of the con	
		TO COMMISSION OF THE PARTY OF T	





Map ID		Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	National Flood Risk Flood Risk Assessment Code: Source: Catchment Area:	Assessment (NaFRA) Moderate Environment Agency Head Office Ribble & Calder	C4SW (SE)	102	4	375002 441531
	National Flood Risk Flood Risk Assessment Code: Source: Catchment Area:	Assessment (NaFRA) Significant Environment Agency Head Office Ribble & Calder	C4SW (SE)	104	4	375007 441541
	National Flood Risk Flood Risk Assessment Code: Source: Catchment Area:	Assessment (NaFRA) Moderate Environment Agency Head Office Ribble & Calder	C4SW (SE)	107	4	375009 441543
• •		Assessment (NaFRA) Low Environment Agency Head Office Ribble & Calder	(SE)	267	4	375101 441401
	 	Assessment (NaFRA) Significant Environment Agency, Head Office Ribble & Calder	C3SE (W)	339	4	374663 441733
		Assessment (NaFRA) Low Environment Agency Head Office Ribble & Caider	C3SW (SW)	394	4	374401 441501
	National Flood Risk Flood Risk Assessment Code: Source:	Assessment (NaFRA) Low Environment Agency Head Office Ribble & Calder	(SW)	395	4	374251 441301
	Catchment Area: National Flood Risk Flood Risk Assessment Code: Source: Catchment Area:	Assessment (NaFRA) Low Environment Agency Head Office Ribble & Calder	(SW)	406	4	374351 441401
		Assessment (NaFRA) Moderate Environment Agency Head Office Ribble & Calder	(SW)	412	4	374264 441301
	ļ 	Assessment (NaFRA) Low Environment Agency Head Office Ribble & Calder	C3SE (SW)	457	4	374572 441551
		Assessment (NaFRA) Moderate Environment Agency Head Office Ribble & Calder	(SW)	471	4	374101 441347
		Assessment (NaFRA) Low Environment Agency Head Office Ribble & Calder	C3SW (SW)	480	4	374343 441501
		Assessment (NaFRA) Moderate Environment Agency Head Office Ribble & Calder	C3SW (SW)	486	4	374351 441551
; :		Assessment (NaFRA) Moderate Environment Agency, Head Office Ribble & Calder	C3SE (SE)	512	4	374779 441606

Order Number: 38714560_1_1 Date: 25-Apr-2012 rpr_ec_datasheet v47.0 A Landmark Information Group Service Page 12 of 19





Map ID		Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	National Flood Risi	Assessment (NaFRA)				İ
	Flood Risk Assessment Code: Source: Catchment Area:	Significant Environment Agency Head Office Ribble & Calder	C3SE (SE)	514	4	374700 441681
	National Flood Risk Flood Risk Assessment Code: Source: Catchment Area:	Assessment (NaFRA) Moderate Environment Agency, Head Office Ribble & Calder	C3SE (SE)	529	4	374751 441650
	National Flood Risk Flood Risk Assessment Code: Source: Catchment Area:	Assessment (NaFRA) No Result Environment Agency Head Office Ribble & Calder	C3SE (SE)	560	4	374707 441651
	National Flood Risk Flood Risk Assessment Code: Source: Catchment Area:	Assessment (NaFRA) Moderate Environment Agency Head Office Ribble & Calder	C3SE (SE)	562	4	374753 441631
	National Flood Risk Flood Risk Assessment Code: Source: Catchment Area:	Assessment (NaFRA) No Result Environment Agency Head Office Ribble & Calder	C3SE (SE)	575	4	374729 441651
	National Flood Risk Flood Risk Assessment Code: Source: Catchment Area:	Assessment (NaFRA) Moderate Environment Agency Head Office Ribble & Calder	C3SE (SE)	580	4	374701 441680
İ	National Flood Risk Flood Risk Assessment Code: Source: Catchment Area:	Assessment (NaFRA) Moderate Environment Agency Head Office Ribble & Calder	C3SE (SE)	580	4	374706 441653
İ	National Flood Risk Flood Risk Assessment Code: Source: Catchment Area:	Assessment (NaFRA) Low Environment Agency Head Office Ribble & Calder	C4NE (E)	597	4	375165 441780
	National Flood Risk	Assessment (NaFRA) Low Environment Agency, Head Office Ribble & Calder	C3SW (W)	597	4	374451 441662
	Flood Risk Assessment Code: Source:	Assessment (NaFRA) Low Environment Agency Head Office Ribble & Calder	C4SE (E)	601	4	375288 441734
	Flood Risk Assessment Code: Source:	Assessment (NaFRA) Significant Environment Agency Head Office Ribble & Calder	C4NE (E)	609	4	375166 441782
	Flood Risk Assessment Code: Source:	Assessment (NaFRA) Significant Environment Agency Head Office Ribble & Calder	C4SE (E)	615	4	375290 441739
]	Flood Risk Assessment Code: Source:	Assessment (NaFRA) Low Environment Agency Head Office Ribble & Calder	C4NE (E)	615	4	375182 441775
	National Flood Risk A Flood Risk Assessment Code: Source:	Assessment (NaFRA) Low Environment Agency Head Office Ribble & Calder	C4SE (E)	620	4	375258 441749

Order Number: 38714560_1_1 Date: 25-Apr-2012 rpr_ec_datasheet v47.0 A Landmark Information Group Service

Page 13 of 19



Map ID		Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	National Flood Risk Flood Risk Assessment Code: Source: Catchment Area:	Assessment (NaFRA) Low Environment Agency Head Office Ribble & Calder	C4SE (E)	621	4	375292 441745
7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7	National Flood Risk Flood Risk Assessment Code: Source: Catchment Area:	Assessment (NaFRA) Moderate Environment Agency Head Office Ribble & Calder	C3SE (W)	635	4	374501 441709
	National Flood Risk Flood Risk Assessment Code: Source: Catchment Area:	Assessment (NaFRA) Low Environment Agency Head Office Ribble & Calder	C4NW (NE)	643	4	374970 441951
1	National Flood Risk Flood Risk Assessment Code: Source: Catchment Area:	Assessment (NaFRA) Low Environment Agency Head Office Ribble & Calder	C4NW (E)	654	4	375133 441804
	-1	Assessment (NaFRA) Moderate Environment Agency Head Office Ribble & Calder	C3SE (E)	655	4	374701 441733
	****	Assessment (NaFRA) Low Environment Agency Head Office Ribble & Calder	C3SE (W)	679	4	374551 441751
	National Flood Risk Flood Risk Assessment Code: Source: Catchment Area:	Assessment (NaFRA) Low Environment Agency, Head Office Ribble & Calder	C4NW (NE)	691	4	375025 441937
	National Flood Risk Flood Risk Assessment Code: Source: Catchment Area:	Assessment (NaFRA) Low Environment Agency Head Office Ribble & Calder	C3NE (NW)	726	4	374601 441801
	National Flood Risk Flood Risk Assessment Code: Source: Catchment Area:	Assessment (NaFRA) Moderate Environment Agency Head Office Ribble & Calder	C3NE (NE)	731	4	374751 441801
	National Flood Risk Flood Risk Assessment Code: Source: Catchment Area:	Assessment (NaFRA) Low Environment Agency Head Office Ribble & Calder	C4NW (NE)	779	4	374851 441851
	Flood Risk Assessment Code:	Assessment (NaFRA) Moderate Environment Agency Head Office Ribble & Calder	C4NW (NE)	811	4	374901 441901
		Assessment (NaFRA) Low Environment Agency Head Office Ribble & Calder	C4NW (NE)	818	4	375008 441941
	National Flood Risk Flood Risk Assessment Code: Source: Catchment Area:	Assessment (NaFRA) Low Environment Agency Head Office Ribble & Calder	C4NW (NE)	832	4	375001 441951
	National Flood Risk Flood Risk Assessment Code: Source: Catchment Area:	Assessment (NaFRA) Moderate Environment Agency Head Office Ribble & Calder	C4NW (NE)	833	4	374902 442001

Order Number: 38714560_1_1 Date: 25-Apr-2012 rpr_ec_datasheet v47.0 A Landmark Information Group Service Page 14 or





Map ID		Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	National Flood Risi	(Assessment (NaFRA)				
	Flood Risk Assessment Code: Source:	Significant Environment Agency Head Office	C6NW (NW)	853	4	373711 442596
	Catchment Area:	Ribble & Calder				
	National Flood Risk	(Assessment (NaFRA)				
	Flood Risk	Low	C3NE	876	4	374625
	Assessment Code: Source: Catchment Area;	Environment Agency. Head Office Ribble & Calder	(N)			441951
	National Flood Risk	Assessment (NaFRA)				
	Flood Risk Assessment Code: Source: Catchment Area:	Low Environment Agency Head Office Ribbie & Calder	C3NE (N)	877	4	374651 441951
	National Flood Risk	Assessment (NaFRA)				
	Flood Risk Assessment Code:	Low	C4NW (NE)	893	4	374901 442002
	Source: Catchment Area:	Environment Agency Head Office Ribble & Calder				
	National Flood Risk	Assessment (NaFRA)				
	Flood Risk Assessment Code: Source:	Moderate	C3NE (N)	928	4	374663 442001
	Catchment Area:	Environment Agency Head Office Ribble & Calder				
	National Flood Risk	Assessment (NaFRA)				
	Flood Risk Assessment Code:	Moderate	C3NE (NE)	969	4	374807 442051
	Source: Catchment Area:	Environment Agency Head Office Ribble & Calder				
1		Assessment (NaFRA)	i			
	Flood Risk Assessment Code: Source:	Low Environment Agency Head Office	C3NE (N)	981	4 :	374751 442051
	Catchment Area:	Ribble & Calder			į	
	National Flood Risk	Assessment (NaFRA)				
	Flood Risk Assessment Code:	Low	C8SE (NE)	995	4	375201 442132
	Source: Catchment Area:	Environment Agency Head Office Ribble & Calder			i	
1	National Flood Risk	Assessment (NaFRA)				
		Moderate	C8SW	998	4	375152
	Assessment Code: Source: Catchment Area:	Environment Agency Head Office Ribble & Calder	(NE)			442135

National Flood	Risk Assessment (NaFRA)					ĺ
Flood Risk Assessment Cod	Moderate e:	C8SV (NE)		4	375152 442135	# # # # # # # # # # # # # # # # # # #
Source: Catchment Area:	Environment Agency Head Office Ribble & Calder					
					- Cart Consul	1117
						# # # # # # # # # # # # # # # # # # #
						and the ends
						9
						1.00
						And the State of t
						PH A PENGLATION
						uddy france
						Assaultan
						THE PERSON OF TH
						A Proposition of
er Number: 387145	60_1_1 Date: 25-Apr-2012 rpr_ec_	datasheet v47.0 A Landmark Info	ormation Group Se		age 15 of 19	

ame			Flood II	nsurar	ice Ris	k Data
Map ID	Details		Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
Postcode Sector Flo Insurance Rating: Postcode Sector:	ood Insurance Claim Ratings Very Low Flood Insurance Claim BB7 1	Rating - No Recorded Claims	C3SE (W)	0	4	374663 441733
geren T						
Į.						
Sec. 9						



Data Currency

EA / CEH Flood Data	Version	Update Cycle
Extreme Flooding from Rivers or Sea without Defences Environment Agency - Head Office	February 2012	Quarterly
Flooding from Rivers or Sea without Defences Environment Agency - Head Office	February 2012	Quarterly
Areas Benefiting from Flood Defences Environment Agency - Head Office	February 2012	Quarterly
Flood Water Storage Areas Environment Agency - Head Office	February 2012	Quarterly
Flood Defences Environment Agency - Head Office	February 2012	Quarterly
RMS Flood Data	Version	Update Cycle
RMS 75 year Flood Return Risk Management Solutions - North West Catchment	December 2008	As notified
RMS 100 year Flood Return Risk Management Solutions - North West Catchment	December 2008	As notified
RMS 1000 year Flood Return Risk Management Solutions - North West Catchment	December 2008	As notified
BGS Flood Data	Version	Update Cycle
GGS Geological Indicators of Flooding British Geological Survey - National Geoscience Information Service	February 2011	Annually
GGS Groundwater Flooding Susceptibility Sritish Geological Survey - National Geoscience Information Service	February 2011	Annually
EA Detailed River Network Data	Version	Update Cycle
Detailed River Network Lines Environment Agency - Head Office	March 2012	Annually
Detailed River Network Nodes Environment Agency - Head Office	March 2012	Annualiy
Detailed River Network Offline Drainage Environment Agency - Head Office	March 2012	Annually
EA Historic Flood Events Data	Version	Update Cycle
listoric Flood Events Environment Agency - Head Office	January 2012	Quarterly
listorical Flood Liabilities andmark Information Group Limited	December 1999	Not Applicable
EA National Flood Risk Assessment Data (NaFRA)	Version	Update Cycle
ational Flood Risk Assessment nvironment Agency - Head Office	October 2011	Annually
lood Insurance Risk Data	Version	Update Cycle
roperty-based Flood Risk viva - Dataservice	January 2010	Not Applicable
Postcode Sector Flood Insurance Claim Ratings Crawford and Company	March 2012	Quarterly

Flood Insurance Ris	k Data	Version	Update Cycle
Property-based Flood Risk		1	Not Applicable
Aviva - Dataservice	over a Ofeton Betterne	 January 2010	Not Applicable
Postcode Sector Flood Insura Crawford and Company	ince Claim Ratings	March 2012	Quarterly
crawlord and Company		 iviarcii 2012	Quarterly





Data Suppliers

a selection of organisations who provide data within this report

Data Supplier	Data Supplier Logo
Ordnance Survey	Ordnance Survey ^e Licensed Partner
Environment Agency	Environment Agency
Centre for Ecology and Hydrology	Centre for Ecology & Hydrology NATURAL ENVIRONMENT RESEARCH COUNCIL
British Geological Survey	British Geological Survey NATURAL ENVIRONMENT RESEARCH COUNCIL
`viva	AVIVA
Risk Management Solutions	RMS

-			



Useful Contacts

Contact	Name and Address	Contact Details		
1	Environment Agency - National Customer Contact Centre (NCCC)	Telephone: 08708 506 506 Email: enquiries@environment-agency gov uk		
	PO Box 544, Templeborough, Rotherham S60 1BY			
2	Landmark Information Group Limited Legal and Financial, The Smith Centre, Fairmile, Henley-on-Thames Oxon, RG9 6AB	Telephone: 0844 844 9966 Fax: 0844 844 9980 Email: info@landmarkinfo.co uk Website: www landmarkinfo co.uk		
3	British Geological Survey - Enquiry Service British Geological Survey, Kingsley Dunham Centre, Keyworth, Nottingham, Nottinghamshire, NG12 5GG	Telephone: 0115 936 3143 Fax: 0115 936 3276 Email: enquiries@bgs.ac.uk Website: www bgs ac uk		
4	Landmark Information Group Limited 5 - 7 Abbey Court, Eagle Way, Sowton Exeter Devon EX2 7HY	Telephone: 01392 441761 Fax: 01392 441709 Email: cssupport@landmarkinfo co uk Website: www.landmarkinfo co uk		
-	Landmark Information Group Limited The Smith Centre, Henley On Thames, Oxfordshire, RG9 6AB	Telephone: 0844 844 9952 Fax: 0844 844 9951 Email: customerservices@landmarkinfo.co uk Website: www.landmarkinfo.co uk		

Copyright Notice

© Landmark Information Group Limited2012 The Copyright on the information and data and its format as contained in this Envirocheck® Report ("Report") is the property of Landmark Information Group Limited ("Landmark") and several other Data Providers, including (but not limited to) Ordnance Survey British Geological Survey the Environment Agency and Natural England, and must not be reproduced in whole or in part by photocopying or any other method. The Report is supplied under Landmark's Terms and Conditions accepted by the Customer.

A copy of Landmark's Terms and Conditions can be found with the Index Map for this report. Additional copies of the Report may be obtained from Landmark, subject to Landmark's charges in force from time to time. The Copyright design rights and any other intellectual rights shall remain the exclusive property of Landmark and /or other Data providers whose Copyright material has been included in this Report.

RMS Flood Data Information

This report incorporates flood hazard maps, data and information in relation to flood risk ('information') licensed by Risk Management Solutions, Inc. ("RMS") to Landmark Information Group Ltd ("Landmark"). RMS is not engaged in the insurance, real estate, finance or related industries. The Information provided is not intended to constitute professional advice or an endorsement by RMS of any kind regarding the use and suitability of the Information. The Information is based on the scientific data mathematical and empirical models, and encoded experience of scientists and engineers and is inherently imprecise.

The information is being provided 'AS IS' without any warranty of any kind. RMS disclaims all representations and warranties, express or implied, including but not limited to implied warranties of merchantability, non-infringement and fitness for a particular purpose or any warranties as to the accuracy completeness, reliability or certainty of the Information. YOU RELY ON THE INFORMATION SOLELY AT YOUR OWN RISK

RMS specifically disclaims any and all obligations and liability with respect to any decisions or advice made or given as a result of the Information. In no event shall RMS (parent, subsidiary or other affiliated companies) be liable for any direct, indirect, special, incidental or consequential damages (including loss of profits, loss of business and loss of interruption of business), suffered by you, a counterparty or any third party arising out of (1) any use of or reliance upon this Information; (2) any decisions or advice made or given as a result of the contents of the Information or use thereof; or (3) any errors omissions or inaccuracies in the Information



Envirocheck® Report:

Flood Screening Report Datasheet

Order Details:

Order Number:

38714560_1_1

Customer Reference: 29421-09-po244230

National Grid Reference:

375760, 441670

Slice:

Site Area (Ha):

51.39

Search Buffer (m): 1000

Site Details:

Site at Clitheroe Lancashire

Client Details:

Mr R Breakspear AMEC Environment & Infrastructure UK Limited 155 Aztec West Park Avenue Almondsbury Bristol **BS32 4UB**





Contents

Report Section and Details Report Section and Details Page Number Summary The Summary section provides an overview of the data contained within the report, detailing the number of data set features or the existence of a data set in relation to the buffer(s) selected For ease of reference, the report is broken down into seven sections of data. EA / CEH Flood Data This section details data from the Environment Agency and the Centre for Ecology and Hydrology The EA data is reported to a distance of 250m from the edge of the site polygon and details both Zone 2 (extreme) and Zone 3 flood extents, as well as flood defences, flood water storage areas and areas benefiting from flood defences The CEH data is reported to a distance of 250m from the edge of the site polygon and covers flood data for Scotland, divided into levels based on the frequency and magnitude of a predicted 100 year term.

RMS Flood Data

OS Contour data is also plotted, detailing contours, spot heights and air heights.

This section contains the Risk Management Solutions flood data. The data is based upon the likelihood of a flood occurrence for 3 flood return periods; these being 75 years, 100 years and 1000 years.

Each return period is depicted on a separate 1:10 000 scale map and reports features to a distance of 250m from the edge of the site polygon.

All data sets within this section are plotted and feature on the EA / CEH Flood Data (1:10,000) map For added value,

Each return period can detail both defended and/or undefended flood features, with each feature also reporting an associated flood depth. In addition pluvial flood features are also detailed where applicable, but tidal flooding is not included. For added value, OS Contour data is also plotted, detailing contours, spot heights and air heights.

BGS Flood Data 2

This section contains two BGS data sets; namely Geological Indicators of Flooding and Groundwater Flooding Susceptibility, both of which report features out to a possible 1000m, with coverage in England, Wales and Scotland

Each data set is plotted on a seperate BGS Flood Data (1:50,000) map.

EA Detailed River Network Data

This section details 3 sources of data that depict and detail the river network of England and Wales captured primarily from the water features theme of Ordnance Survey's OS MasterMap Topography Layer.

The DRN Lines data set details all the types of rivers, drains and streams which can be found in England and Wales

The DRN Nodes data set details the river, drain and stream node intersections which divide the detailed river network data. All nodes are defined as being one of the following: A source, sink, junction, or pseudo node, interactions or not assigned

The DRN Offline Drainage dataset details water features from OS MasterMap that do not connect into the river network and are generally limited in length

All data sets within this section are plotted and feature on the EA Detailed River Network (1:10,000) map. For added value OS Contour data is also plotted detailing contours, spot heights and air heights

EA Historic Flood Events Data

This section details Historic Flood data sourced from the Environment Agency and from data held by Landmark The EA Historic Flood Events data is reported to a distance of 1000m from the edge of the site polygon and details recorded historic flood events from 1703 to October 2008. The data also contains information on the source and cause of the flood, and how the flood outline was established.

Also included in this section is Landmark's Historical Flood Liabilities data set, which identifies areas that are liable to flood based on systematic analysis of historical mapping dating back to the mid 19th century

Both data sets within this section are plotted and feature on the EA Historical Flood (1:10,000) map. For added value, OS Contour data is also plotted, detailing contours spot heights and air heights.

Order Number: 38714560_1_1 Date: 25-Apr-2012 rpr_ec_datasheet v47.0 A Landmark Information Group Service

	jania.			
-	f			
	3. ¹⁸⁸			
	ŧ			
		日 10 年 10 日 10 日 10 日 10 日 10 日 10 日 10 日		
		The minimum of Articles		
		PRIVATOR OF THE		
		indelfen minne		
		Amounts in		
		West all designations of the second s		
		A CANALANA		
		The state of the s		
		a parameter de la companya de la com		
		Tirenta Anni		
-				
		To the second of		
		Description of the second of t		
		remove total		
		as relacion		
		man frameworks		
		(annual property of the contract of the contra		
		* Controllano		
		* A		
		t		
		als avera po		
		Lay marketing of		
	_	to to Confinence		

amec®

Contents

EA NaFRA Data		

This section details the National Flood Risk Assessment (NaFRA) data sourced from the Environment Agency and is reported to a distance of 1000m from the edge of the site polygon. The NaFRA data provides an indication of flood risk at a national level. The data has been created by calculating the actual likelihood of flooding to areas of land within the flood plain of an extreme flood (0.1% or 1 in 1000 chance in any year)

The method considers the probability that the flood defences will overtop or breach, and the distance of the impact cell from the river or the sea. It enables a comparison of the relative risks and their distribution within each of these catchments, rather than a detailed, local assessment of the risk at a specific location EA do not hold information on properties (including floor levels) NaFRA data can therefore only assessed if there are properties within the impact cells where EA have assessed the flood risk.

The data within this section is plotted and feature on the EA NaFRA Data (1:50,000) map.

· 1 - 1 - 2 - 2 - 2 - 2 - 2 - 2 - 2 - 2 -	
Placette services as Diele Date	٥
│ Flood Insurance Risk Data	0
1.00u moulance inch - au	

This section contains two sources of flood risk data from Aviva and Crawford and Company Neither data sets are plotted on any of the associated Flood maps

Aviva has generated a detailed flood risk assessment to accurately evaluate the flood risk for individual customers. The information from this assessment has been used to define a risk model detailing 5 levels of flood risk, based on the individual properties rather than the postcode. The flood risk assessment undertaken by Aviva is for river flooding and coastal flooding only, and does not include groundwater. flash or sewerage flooding. Only the worst case flood risk is reported for the site.

Crawford & Co have generated an Insurance Claims rating for Flood Risk. The risk is determined by comparing the number of flood insurance claims made to the number of properties in the postcode sector. The data will also include flood claims from domestic accidents or blocked drains, as well as flooding from river or tidal events. Flood insurance claim ratings are reported for the site only.

Data Currency		9
Data Suppliers		10
Useful Contacts		11

Report Version v47.0

Order Number: 38714560_1_1 Date: 25-Apr-2012 rpr_ec_datasheet v47.0 A Landmark Information Group Service



Summary

Data Type	Page Number	On Site	0 to 250m	251 to 500m	501 to 1000m
EA / CEH Flood Data					
Extreme Flooding from Rivers or Sea without Defences				n/a	n/a
Flooding from Rivers or Sea without Defences				n/a	n/a
Areas Benefiting from Flood Defences				n/a	n/a
Flood Water Storage Areas				n/a	n/a
Flood Defences			-	n/a	n/a
RMS Flood Data					
RMS 75 year Flood Return				n/a	n/a
RMS 100 year Flood Return	pg 1	1		n/a	n/a
RMS 1000 year Flood Return	pg 1	1		n/a	n/a
BGS Flood Data					
BGS Geological Indicators of Flooding	pg 2			1	1
BGS Groundwater Flooding Susceptibility	pg 2	7	8	2	5
EA Detailed River Network Data					
Detailed River Network Lines	pg 4		-		1
Detailed River Network Nodes					
Detailed River Network Offline Drainage					
EA Historic Flood Events Data					
Historic Flood Events					
Historical Flood Liabilities			.,		
EA National Flood Risk Assessment Data					
National Flood Risk Assessment	pg 5		3	2	24
Flood Insurance Risk Data					· Aller
Property-based Flood Risk		- !	n/a	n/a	n/a
Postcode Sector Flood Insurance Claim Ratings	pg 8	1	n/a	n/a	n/a

Report Version v47.0

Order Number: 38714560_1_1 Date: 25-Apr-2012 rpr_ec_datasheet v47 0 A Landmark Information Group Service



RMS Flood Data

JI	IIEC.				KIVI	3 1 100	u Dala
Map ID		Details		Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	RMS 75 year Flood Return None						
	RMS 100 year Flood Return Flood Type/Depth: 100 ye Flood Hazard: Pluvial	ar pluvial flood, depth is no & Minor River Flood Risk	ot applicable	D1SE (SE)	0	1	375999 441483
	RMS 1000 year Flood Retu Flood Type/Depth: 1000 y Flood Hazard: Pluvial	rn rear pluvial flood, depth is n & Minor River Flood Risk	not applicable	D1SW (E)	0	1	375763 441675
·							
-							
Order No	umber: 38714560_1_1	Date: 25-Apr-2012	rpr_ec_datasheet v47 0	A Landmark Information	tion Group Se	rvice	Page 1 of 11



BGS Flood Data

ap D		Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	BGS Geological Inc	licators of Flooding				
	Flooding Type: Flood Potential Code:	Inland Flooding Higher flood potential from rivers: the first areas to experience the effects of inland flooding in a river catchment	(NW)	349	2	375001 442083
	BG\$ Geological Inc	licators of Flooding			/_FA	
	Flooding Type: Flood Potential Code:	Inland Flooding Higher flood potential from rivers: the first areas to experience the effects of inland flooding in a river catchment	(NW)	962	2	375436 442180
	BGS Groundwater Flooding Type:	Flooding Susceptibility Moderately High Susceptibility to Groundwater Flooding	(SW)	0	2	374951 440951
	BGS Groundwater I Flooding Type:	Flooding Susceptibility Moderately High Susceptibility to Groundwater Flooding	(SW)	0	2	375451 441101
	BGS Groundwater Flooding Type:	Flooding Susceptibility Moderately High Susceptibility to Groundwater Flooding	(W)	0	2	375001 441501
	BGS Groundwater in Flooding Type:	Flooding Susceptibility Low Susceptibility to Groundwater Flooding	(SW)	0	2	375201 440951
	BGS Groundwater I Flooding Type:	Flooding Susceptibility Moderate Susceptibility to Groundwater Flooding	(W)	0	2	375001 441401
	BGS Groundwater I Flooding Type:	Flooding Susceptibility Moderate Susceptibility to Groundwater Flooding	(S)	0	2	375500 441001
	BGS Groundwater I Flooding Type:	Flooding Susceptibility High Susceptibility to Groundwater Flooding	(W)	0	2	375001 441601
	BGS Groundwater I Flooding Type:	Flooding Susceptibility Moderately High Susceptibility to Groundwater Flooding	(SW)	14	2	375001 441251
	BGS Groundwater I Flooding Type:	Flooding Susceptibility High Susceptibility to Groundwater Flooding	D1SW (E)	15	2	375763 441675
	BGS Groundwater I Flooding Type:	Flooding Susceptibility Low Susceptibility to Groundwater Flooding	(S)	43	2	375500 440951
	BGS Groundwater I Flooding Type:	Flooding Susceptibility Moderate Susceptibility to Groundwater Flooding	(S)	93	2	375550 440951
	BGS Groundwater Flooding Type:	Flooding Susceptibility Moderately High Susceptibility to Groundwater Flooding	D1SE (SE)	139	2	375851 441601
	BGS Groundwater if	Flooding Susceptibility Moderate Susceptibility to Groundwater Flooding	(S)	169	2	375600 440801
	BGS Groundwater Flooding Type:	Flooding Susceptibility Low Susceptibility to Groundwater Flooding	(W)	242	2	374901 441401
	BGS Groundwater F	Flooding Susceptibility Moderately High Susceptibility to Groundwater Flooding	(S)	250	2	375700 441001
	BGS Groundwater F Flooding Type:	Flooding Susceptibility Moderately High Susceptibility to Groundwater Flooding	(W)	316	2	375251 441651
	BGS Groundwater F Flooding Type:	Flooding Susceptibility Moderately High Susceptibility to Groundwater Flooding	(W)	495	2	375001 441675
	BGS Groundwater F Flooding Type:	Flooding Susceptibility Moderate Susceptibility to Groundwater Flooding	(W)	590	2	375001 441701
	BGS Groundwater F Flooding Type:	Flooding Susceptibility Moderately High Susceptibility to Groundwater Flooding	(SE)	593	2	376050 441001
_	BGS Groundwater F	Flooding Susceptibility Moderately High Susceptibility to Groundwater Flooding	D1NW	629	2	375801

Order Number: 38714560_1_1 Date: 25-Apr-2012 rpr_ec_datasheet v47 0 A Landmark Information Group Service Page 2 of 11





BGS Flood Data

Map ID		Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	BGS Groundwate Flooding Type:	r Flooding Susceptibility Moderately High Susceptibility to Groundwater Flooding	(SE)	640	2	376150 440801
	BGS Groundwate Flooding Type:	r Flooding Susceptibility Moderate Susceptibility to Groundwater Flooding	D1NW (N)	678	2	375651 441951

ber: 38714560_1_1	ate: 25-Apr-2012 F	pr_ec_datasheet v47.0	A Landmark Information Grou	p Service Page 3 o	





EA Detailed River Network Data

Map ID		Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	Detailed River Netw	ork Lines				
1	River Type: River Name: Hydrographic Area: River Flow Type: River Surface Level: Drain Feature: Flood Risk Management Status:	Not a Drain Other Rivers	D1SW (NE)	657	3	375804 441761
	Water Course Name:	Not Supplied				
	Water Course Reference:	Not Supplied				

der Number: 3871	4560 _1 _1 Da	ite: 25-Apr-2012	rpr_ec_datasheet v47.0	A Landmark Information Group Service	Page 4 of 1
	•				





Map ID		Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	National Flood Risl Flood Risk Assessment Code: Source: Catchment Area:	K Assessment (NaFRA) Moderate Environment Agency Head Office Ribble & Calder	(SW)	102	4	375168 441239
	National Flood Risi Flood Risk Assessment Code: Source: Catchment Area:	Significant Environment Agency Head Office Ribble & Calder	(SW)	104	4	375174 441243
	National Flood Risk Flood Risk Assessment Code: Source: Catchment Area:	Assessment (NaFRA) Moderate Environment Agency, Head Office Ribble & Calder	(W)	107	4	375106 441432
	National Flood Risk Flood Risk Assessment Code: Source: Catchment Area:	Low Environment Agency Head Office Ribble & Calder	(SW)	267	4	375109 441401
No		k Assessment (NaFRA) Significant Environment Agency Head Office Ribble & Calder	(W)	339	4	375156 441790
		E Assessment (NaFRA) Moderate Environment Agency Head Office Ribble & Caider	(W)	512	4	374877 441574
		Assessment (NaFRA) Significant Environment Agency Head Office Ribble & Calder	(W)	514	4	374878 441577
		Assessment (NaFRA) Moderate Environment Agency Head Office Ribble & Calder	(W)	529	4	374838 441595
		Assessment (NaFRA) Low Environment Agency Head Office Ribble & Calder	(W)	597	4	375280 441741
		Assessment (NaFRA) Low Environment Agency Head Office Ribble & Calder	(W)	601	4	375333 441732
		Assessment (NaFRA) Significant Environment Agency Head Office Ribble & Calder	(W)	609	4	375283 441744
		Assessment (NaFRA) Significant Environment Agency Head Office Ribble & Calder	(W)	615	4	375333 441733
		Assessment (NaFRA) Low Environment Agency Head Office Ribble & Calder	(W)	615	4	375252 441749
		Assessment (NaFRA) Low Environment Agency Head Office Ribble & Calder	(W)	620	4	375262 441749

Order Number: 38714560_1_1 Date: 25-Apr-2012 rpr_ec_datasheet v47 0 A Landmark Information Group Service Page 5 of 11



Page 6 of 11

ap D	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
National Flood Ris Flood Risk Assessment Code: Source: Catchment Area:	sk Assessment (NaFRA) Low Environment Agency Head Office Ribble & Calder	(W)	621	4	375332 441739
National Flood Ris Flood Risk Assessment Code: Source: Catchment Area:	k Assessment (NaFRA) Low Environment Agency Head Office Ribble & Calder	(W)	643	4	375156 441789
	sk Assessment (NaFRA) Low	(W)	654	4	375156 441798
	sk Assessment (NaFRA) Low	(W)	691	4	375118 441825
	sk Assessment (NaFRA) Moderate	(W)	731	4	374862 441851
	Ek Assessment (NaFRA) Low Environment Agency Head Office Ribble & Calder	(W)	779	4	374901 441897
	k Assessment (NaFRA) Moderate Environment Agency Head Office Ribble & Calder	(W)	811	4	374976 441951
	k Assessment (NaFRA) Low Environment Agency, Head Office Ribble & Calder	(W)	818	4	375021 441940
	k Assessment (NaFRA) Low Environment Agency Head Office Ribble & Calder	(W)	832	4	375002 441951
	k Assessment (NaFRA) Moderate Environment Agency Head Office Ribble & Calder	(NW)	833	4	375116 442101
	k Assessment (NaFRA) Significant Environment Agency Head Office Ribble & Calder	(NW)	853	4	374226 443026
National Flood Ris Flood Risk Assessment Code: Source: Catchment Area:	k Assessment (NaFRA) Low Environment Agency Head Office Ribble & Calder	(W)	893	4	374951 442001
National Flood Ris Flood Risk Assessment Code: Source: Catchment Area:	k Assessment (NaFRA) Moderate Environment Agency Head Office Ribble & Calder	(NW)	969	4	375030 442151
National Flood Ris Flood Risk Assessment Code: Source: Catchment Area:	k Assessment (NaFRA) Low Environment Agency Head Office Ribble & Calder	(NW)	995	4	375300 442151

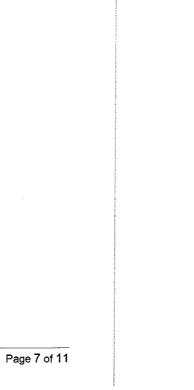
Order Number: 38714560_1_1 Date: 25-Apr-2012 rpr_ec_datasheet v47 0 A Landmark Information Group Service





Map ID		Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	National Flood Ris	k Assessment (NaFRA)			>	
	Flood Risk Assessment Code:	Moderate	(NW)	998	4	375201 442133
	Source: Catchment Area:	Environment Agency Head Office Ribble & Calder				

Order Number: 38714560_1_	1 Date: 25-Apr-2012	rpr_ec_datasheet v47 0	A Landmark Information Group Service	Page 7 of 11



ame		i	Flood I	nsuran	ice Ris	sk Data	a
Map iD	Details		Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR	
Postcode Sector Floring: Insurance Rating: Postcode Sector:	ood Insurance Claim Ratings Very Low Flood Insurance Claim Rating - No Recorded BB7 1	i Claims	D1SW (E)	0	4	375763 441675	
						ē.	
						Ť.	
Order Number: 38714560_	1_1 Date: 25-Apr-2012 rpr_ec_datashee	et v47.0 A Land	lmark Informat	ion Group Ser	vice ;	Page 8 of 11	



Data Currency

ÉA / CEH Flood Data	Version	Update Cycle
Extreme Flooding from Rivers or Sea without Defences Environment Agency - Head Office	February 2012	Quarterly
Flooding from Rivers or Sea without Defences Environment Agency - Head Office	February 2012	Quarterly
Areas Benefiting from Flood Defences Environment Agency - Head Office	February 2012	Quarterly
Flood Water Storage Areas Environment Agency - Head Office	February 2012	Quarterly
Flood Defences Environment Agency - Head Office	February 2012	Quarterly
RMS Flood Data	Version	Update Cycle
RMS 75 year Flood Return Risk Management Solutions - North West Catchment	December 2008	As notified
VIS 100 year Flood Return Jisk Management Solutions - North West Catchment	December 2008	As notified
RMS 1000 year Flood Return Risk Management Solutions - North West Catchment	December 2008	As notified
BGS Flood Data	Version	Update Cycle
BGS Geological Indicators of Flooding British Geological Survey - National Geoscience Information Service	February 2011	Annually
BGS Groundwater Flooding Susceptibility British Geological Survey - National Geoscience Information Service	February 2011	Annually
EA Detailed River Network Data	Version	Update Cycle
Detailed River Network Lines Environment Agency - Head Office	March 2012	Annually
Detailed River Network Nodes Environment Agency - Head Office	March 2012	Annually
Detailed River Network Offline Drainage vironment Agency - Head Office	March 2012	Annually
EA Historic Flood Events Data	Version	Update Cycle
Historic Flood Events Environment Agency - Head Office	January 2012	Quarterly
Historical Flood Liabilities Landmark Information Group Limited	December 1999	Not Applicable
EA National Flood Risk Assessment Data (NaFRA)	Version	Update Cycle
National Flood Risk Assessment Environment Agency - Head Office	October 2011	Annually
Flood Insurance Risk Data	Version	Update Cycle
Property-based Flood Risk Aviva - Dataservice	January 2010	Not Applicable
Postcode Sector Flood Insurance Claim Ratings	March 2012	Quarterly

National Flood Risk Assessment Environment Agency - Head Office	October 2011	Annually
Flood Insurance Risk Data	Version	Update Cycle
Property-based Flood Risk Aviva - Dataservice	January 2010	Not Applicable
Postcode Sector Flood Insurance Claim Ratings	,	_
Prawford and Company	March 2012	Quarterly





Data Suppliers

A selection of organisations who provide data within this report

Data Supplier	Data Supplier Logo
Ordnance Survey	Ordnance Survey ^e Licensed Partner
Environment Agency	Environment Agency
Centre for Ecology and Hydrology	Centre for Ecology & Hydrology NATURAL ENVIRONMENT RESEARCH COUNCIL
British Geological Survey	British Geological Survey NATURAL ENVIRONMENT RESEARCH COUNCIL
Aviva	AVIVA
Risk Management Solutions	R M S

				I rese
Order Number: 38714560_1_1	Date: 25-Apr-2012	rpr_ec_datasheet v47.0	A Landmark Information Group Service	Page 10 of 1



Useful Contacts

Contact	Name and Address	Contact Details
1	Landmark Information Group Limited Legal and Financial, The Smith Centre, Fairmile, Henley-on-Thames, Oxon, RG9 6AB	Telephone: 0844 844 9966 Fax: 0844 844 9980 Email: info@landmarkinfo.co.uk Website: www.landmarkinfo.co.uk
2	British Geological Survey - Enquiry Service British Geological Survey, Kingsley Dunham Centre, Keyworth, Nottingham, Nottinghamshire, NG12 5GG	Telephone: 0115 936 3143 Fax: 0115 936 3276 Email: enquiries@bgs.ac.uk Website: www.bgs.ac.uk
3	Environment Agency - National Customer Contact Centre (NCCC) PO Box 544. Templeborough, Rotherham, S60 1BY	Telephone: 08708 506 506 Email: enquiries@environment-agency gov uk
4	Landmark Information Group Limited 5 - 7 Abbey Court, Eagle Way, Sowton, Exeter, Devon, EX2 7HY	Telephone: 01392 441761 Fax: 01392 441709 Email: cssupport@landmarkinfo.co.uk Website: www.landmarkinfo.co.uk
-	Landmark Information Group Limited The Smith Centre, Henley On Thames, Oxfordshire, RG9 6AB	Telephone: 0844 844 9952 Fax: 0844 844 9951 Email: customerservices@landmarkinfo co uk Website: www.landmarkinfo.co uk

Copyright Notice

© Landmark Information Group Limited2012 The Copyright on the information and data and its format as contained in this Envirocheck® Report ("Report') is the property of Landmark Information Group Limited ("Landmark") and several other Data Providers, including (but not limited to) Ordnance Survey, British Geological Survey, the Environment Agency and Natural England, and must not be reproduced in whole or in part by photocopying or any other method. The Report is supplied under Landmark's Terms and Conditions accepted by the Customer.

A copy of Landmark's Terms and Conditions can be found with the Index Map for this report. Additional copies of the Report may be obtained from Landmark, subject to Landmark's charges in force from time to time. The Copyright design rights and any other intellectual rights shall remain the exclusive property of Landmark and /or other Data providers whose Copyright material has been included in this Report.

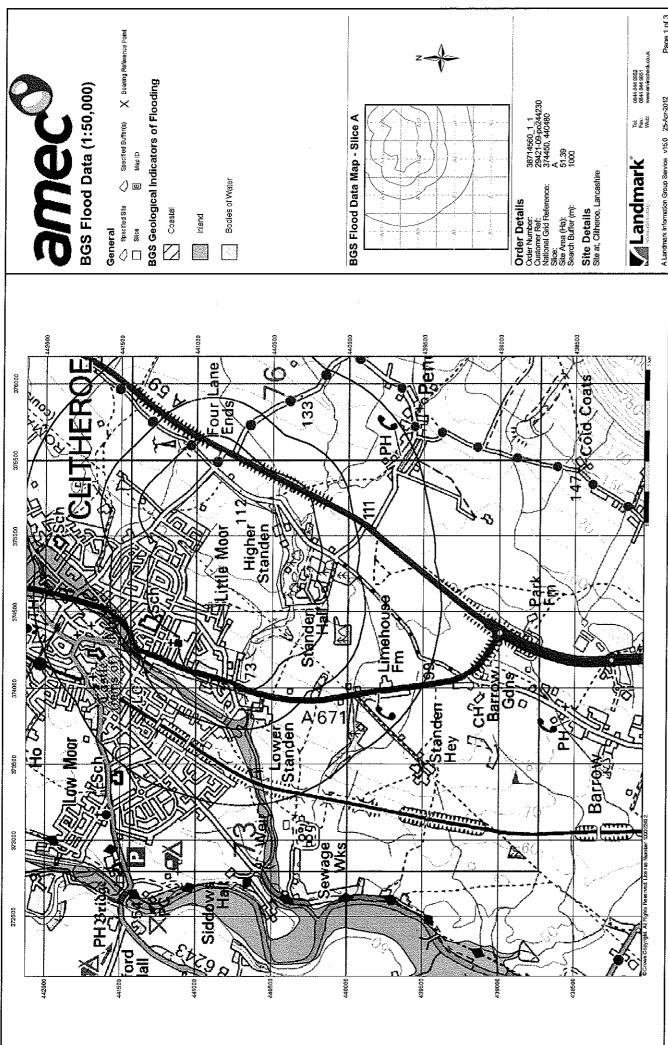
RMS Flood Data Information

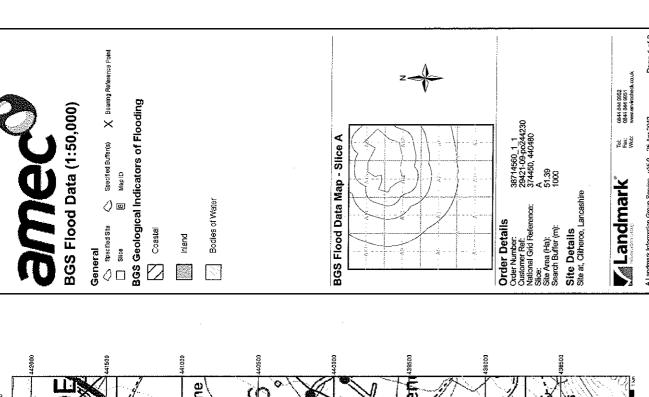
This report incorporates flood hazard maps, data and information in relation to flood risk ("information") licensed by Risk Management Solutions, Inc. ("RMS") to Landmark Information Group Ltd ("Landmark"). RMS is not engaged in the insurance, real estate, finance or related industries. The Information provided is not intended to constitute professional advice or an endorsement by RMS of any kind regarding the use and suitability of the Information. The Information is based on the scientific data mathematical and empirical models and encoded experience of scientists and engineers and is inherently imprecise.

The information is being provided "AS IS" without any warranty of any kind. RMS disclaims all representations and warranties, express or implied, including but not limited to implied warranties of merchantability, non-infringement and fitness for a particular purpose or any warranties as to the accuracy completeness reliability or certainty of the Information YOU RELY ON THE INFORMATION SOLELY AT YOUR OWN RISK

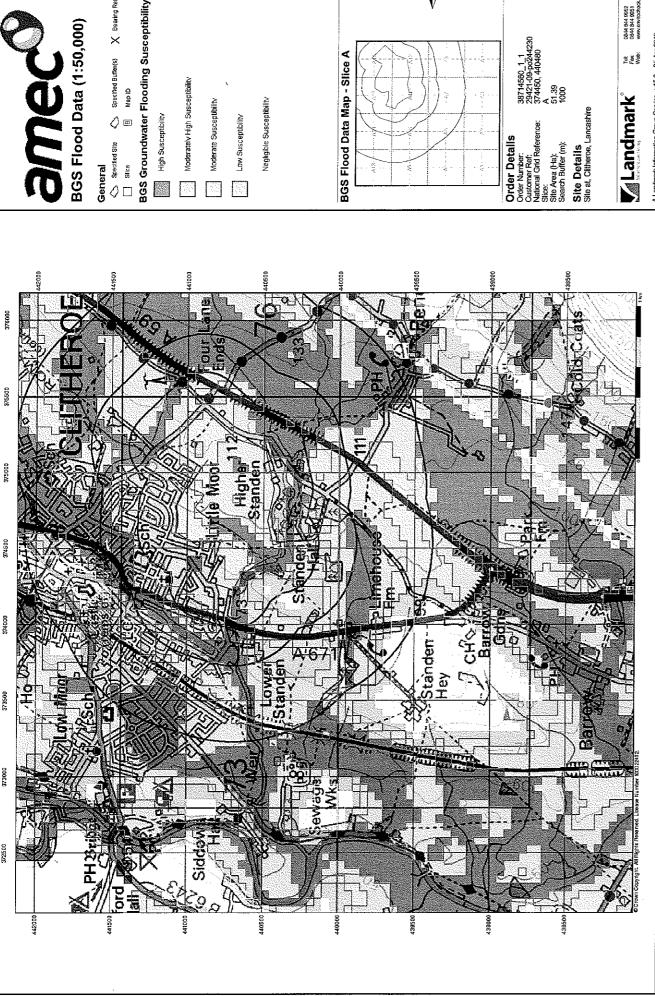
S specifically disclaims any and all obligations and liability with respect to any decisions or advice made or given as a result of the Information. In no event shall RMS (or its ant, subsidiary or other affiliated companies) be liable for any direct indirect, special, incidental or consequential damages (including loss of profits, loss of business and loss of interruption of business), suffered by you, a counterparty or any third party arising out of (1) any use of or reliance upon this Information; (2) any decisions or advice made or given as a result of the contents of the Information or use thereof; or (3) any errors omissions or inaccuracies in the Information

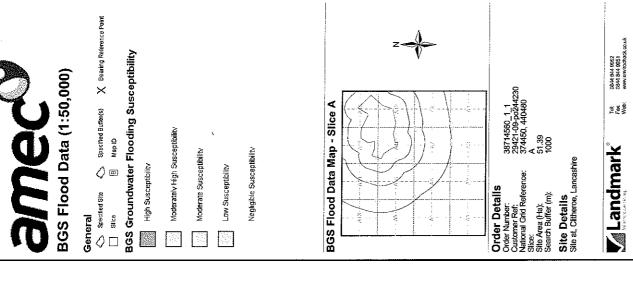
Order Number: 38714560_1_1 Date: 25-Apr-2012 rpr_ec_datasheet v47.0 A Landmark Information Group Service Page 11 of 11

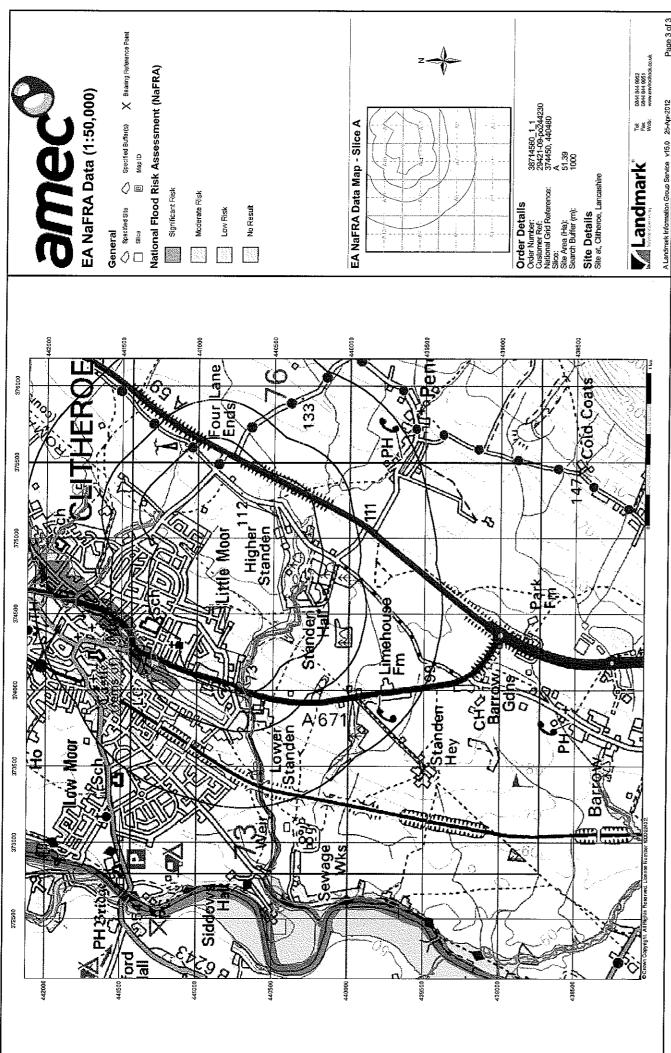


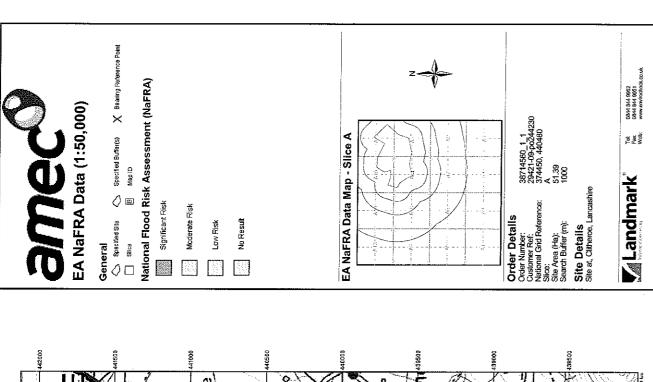


		*** **** *****************************	
		THE REAL PROPERTY AND ADDRESS OF THE PROPERTY ADDRESS OF THE PROPERTY AND ADDRESS OF THE PROPERTY AND ADDRESS OF THE PROPERTY AND ADDRESS OF THE PROPERTY AND ADDRESS OF THE PROPERTY AND ADDRESS OF THE PROPERTY AND ADDRESS OF THE PROPERTY ADDRESS OF THE PROPERTY AND ADDRESS OF THE PROPERTY ADDRESS OF T	
		Pri cardis marini pedengih peridakah dengahadah (permananan marinda per perepanyan kannan	

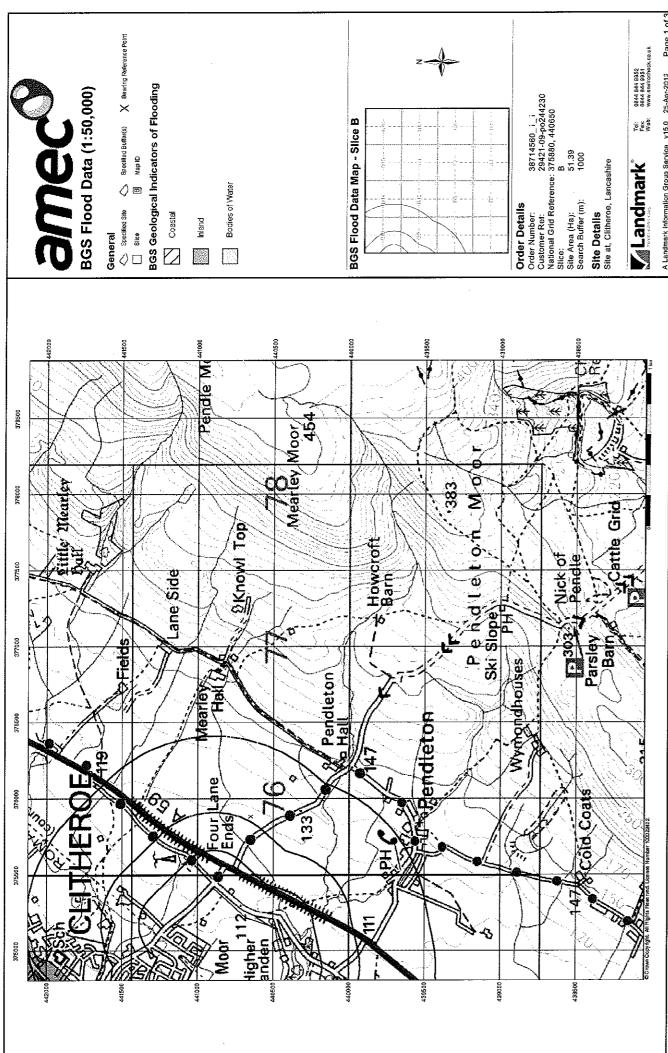


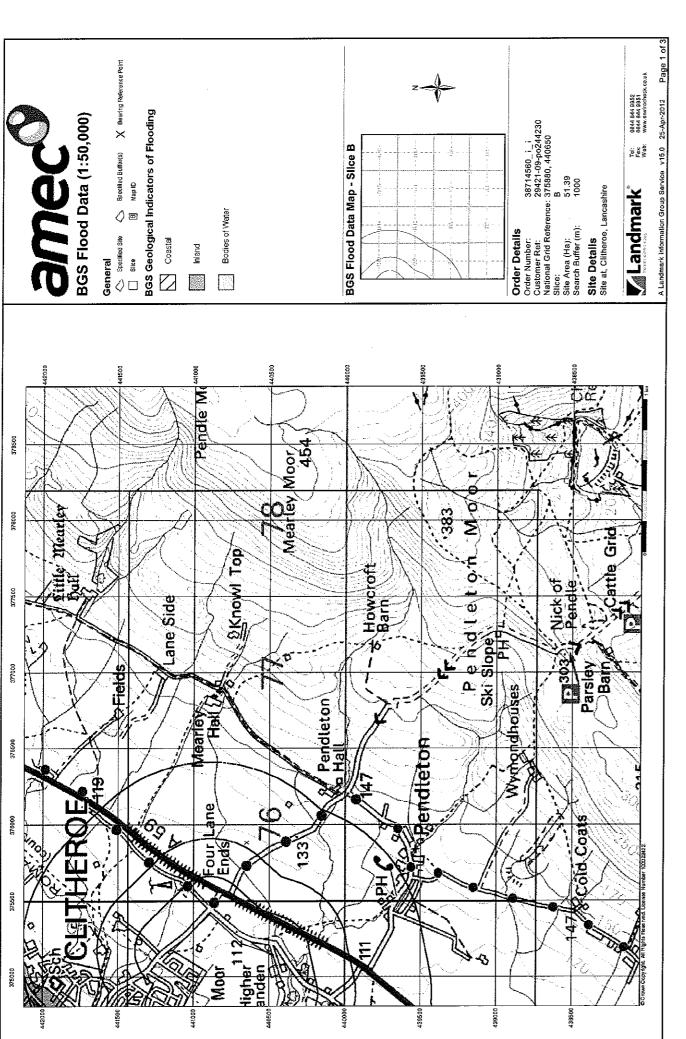


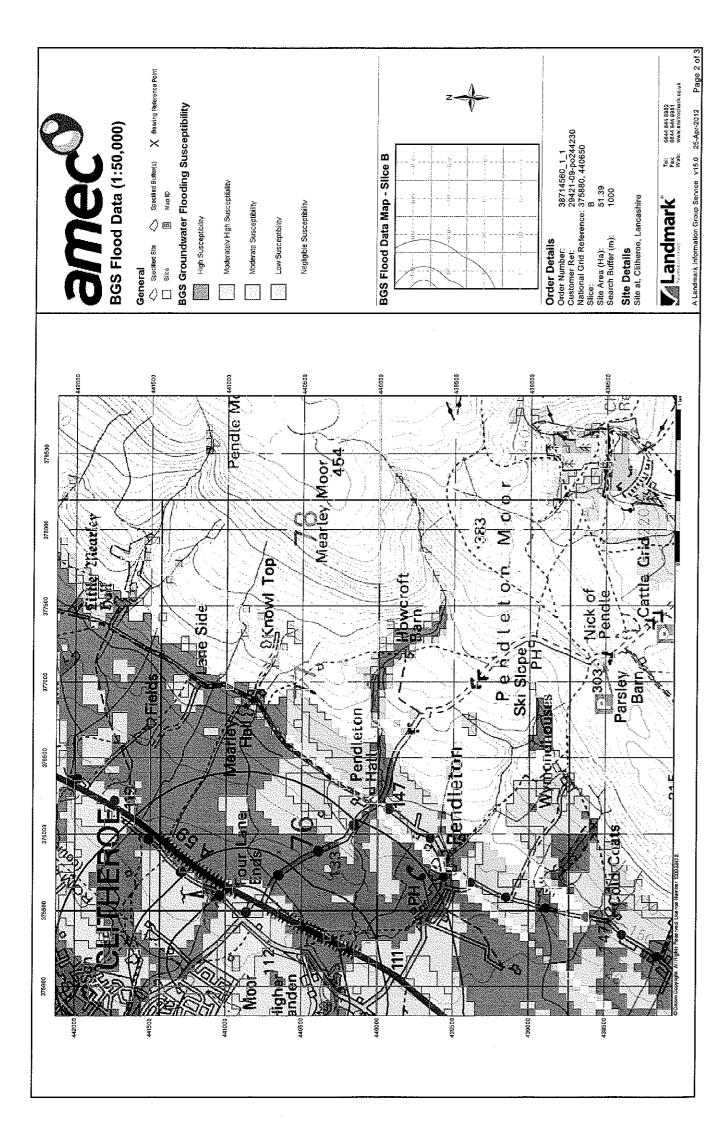


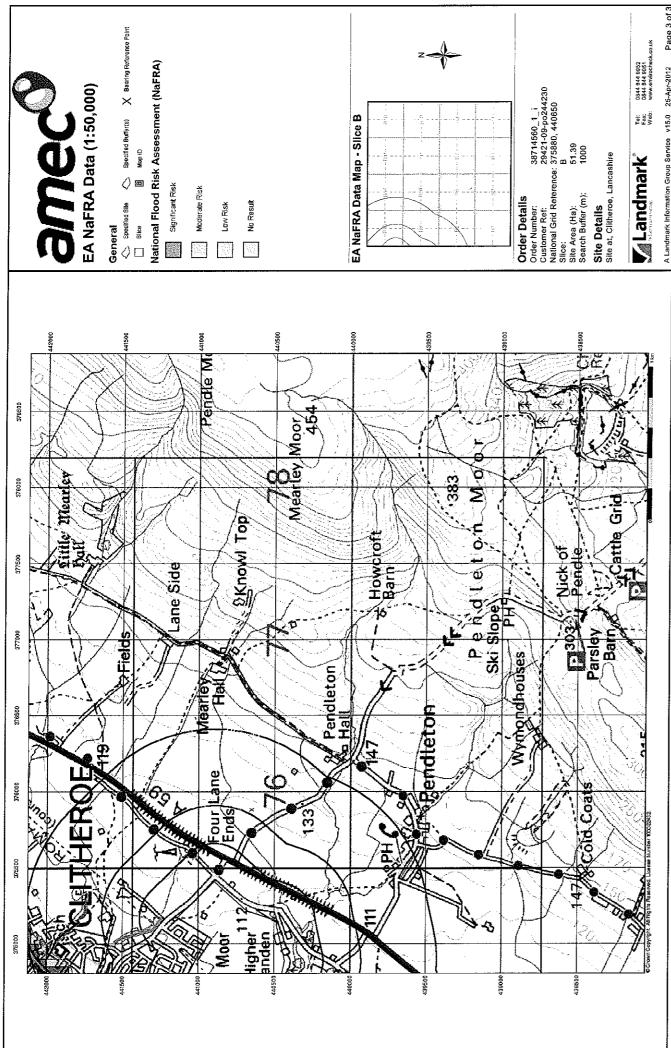


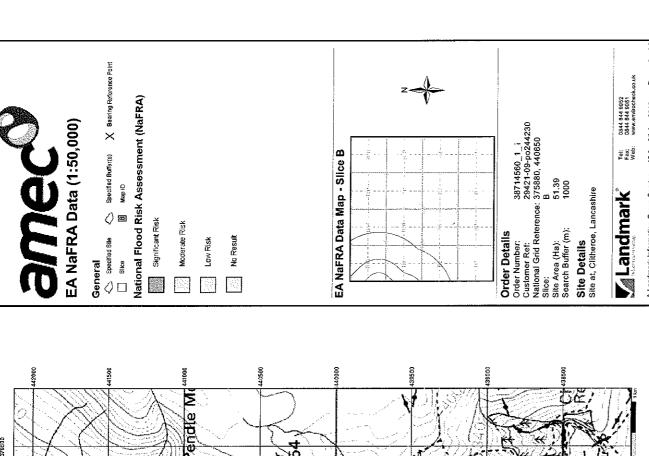
	Constitution of professional measurements and measurements and an addition of the constitution of the cons	

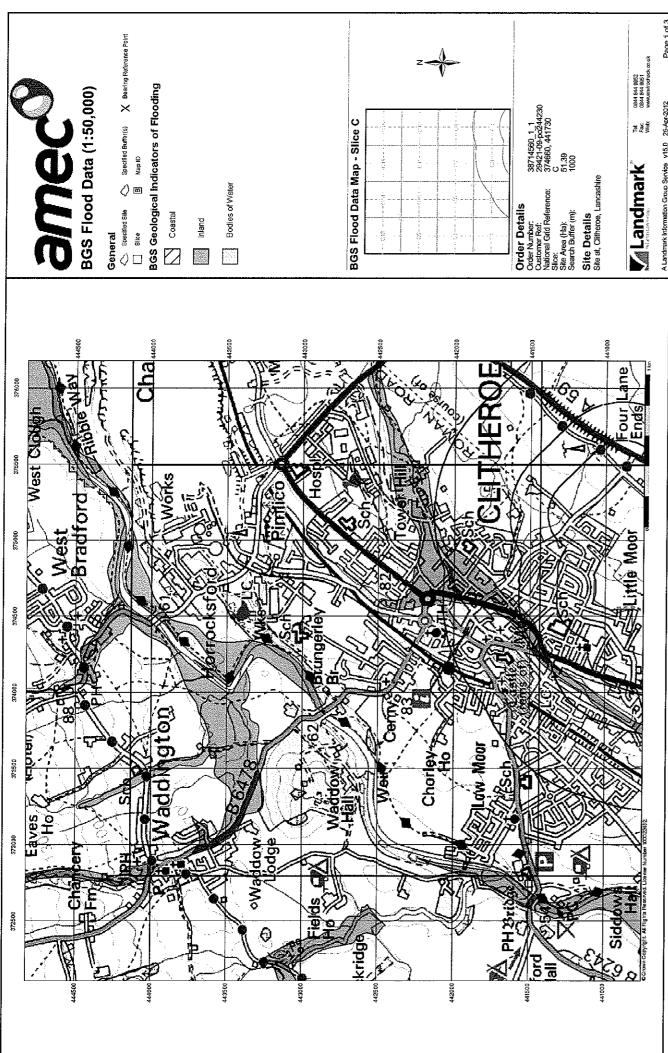


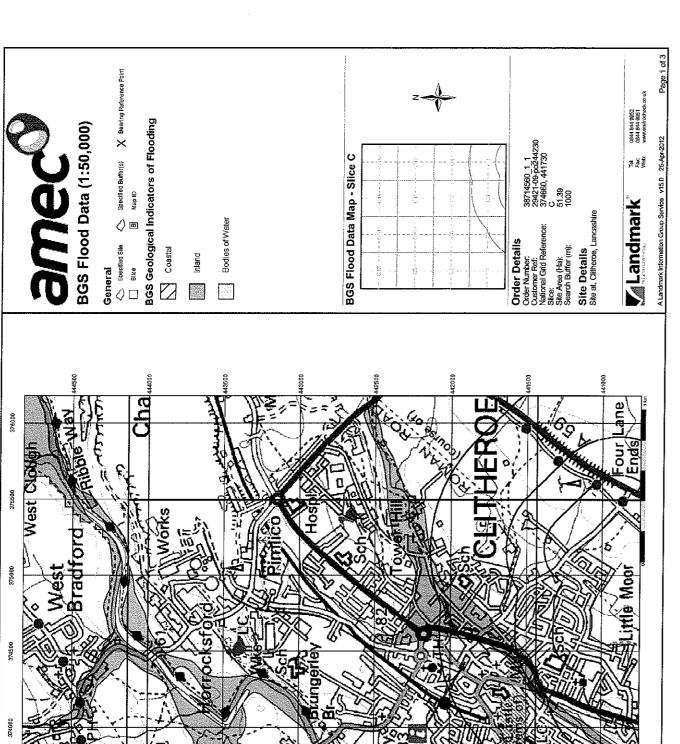




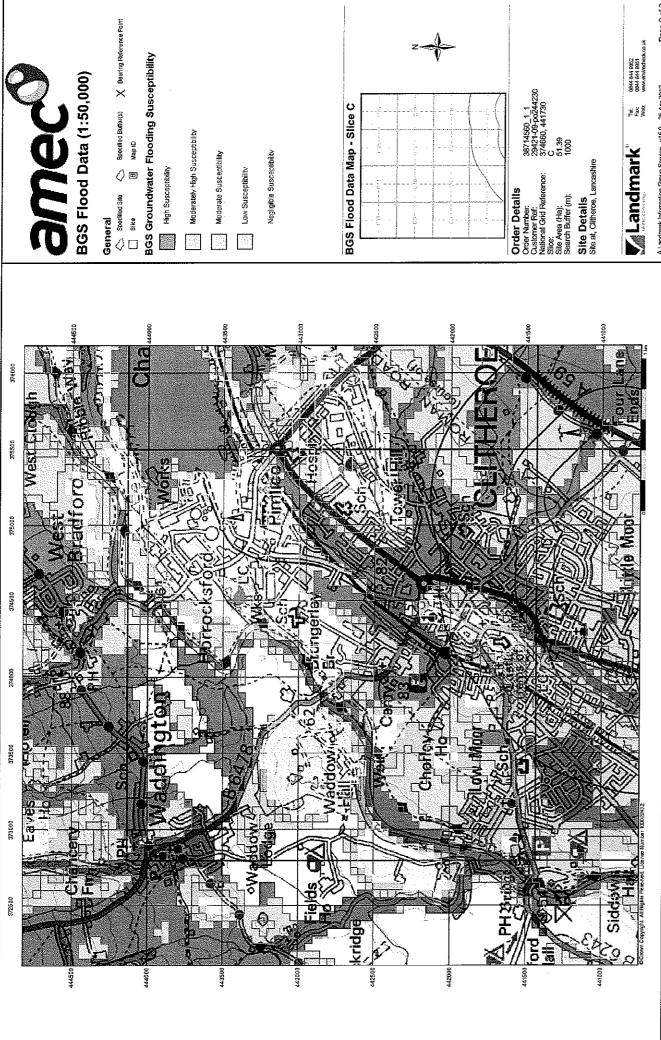


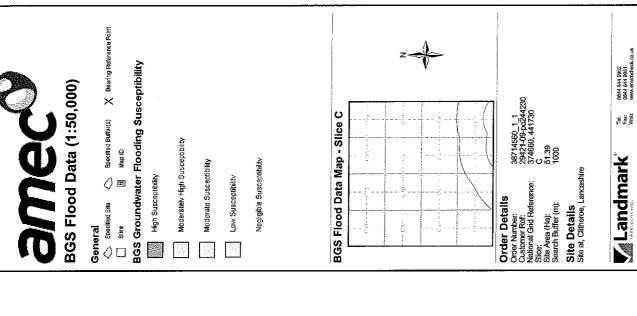




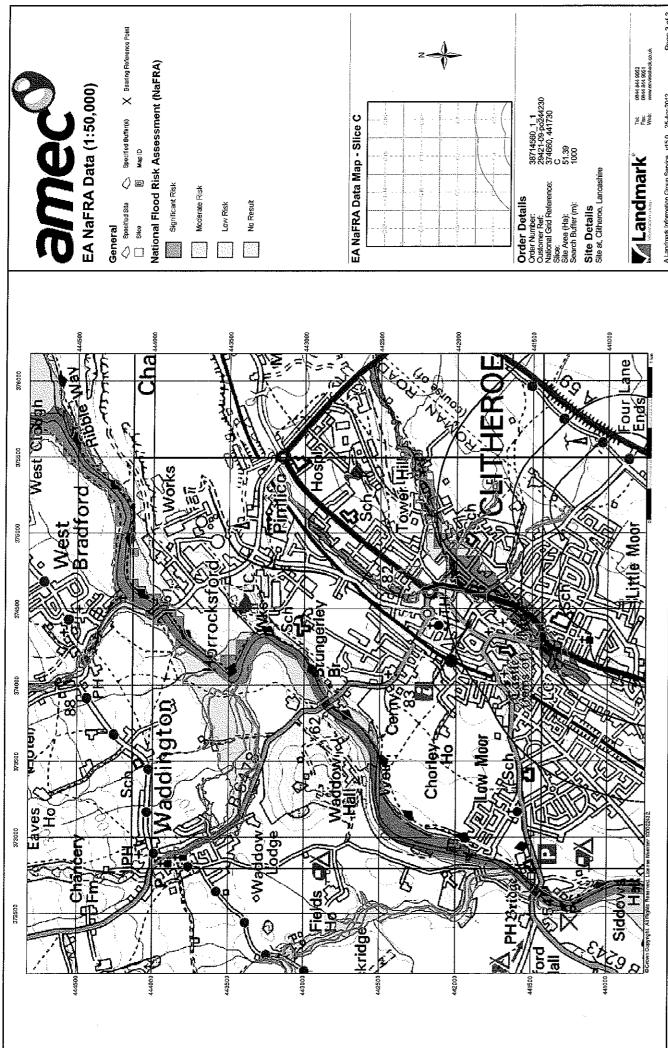


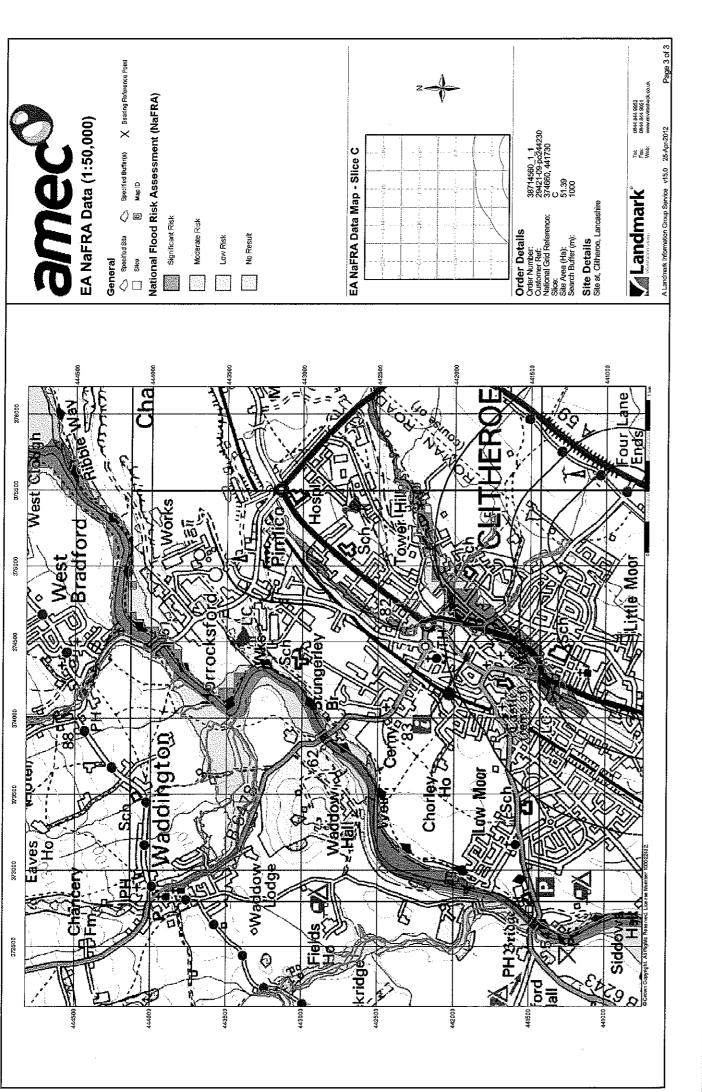
Automotiva del control protesta protesta protesta del control del	

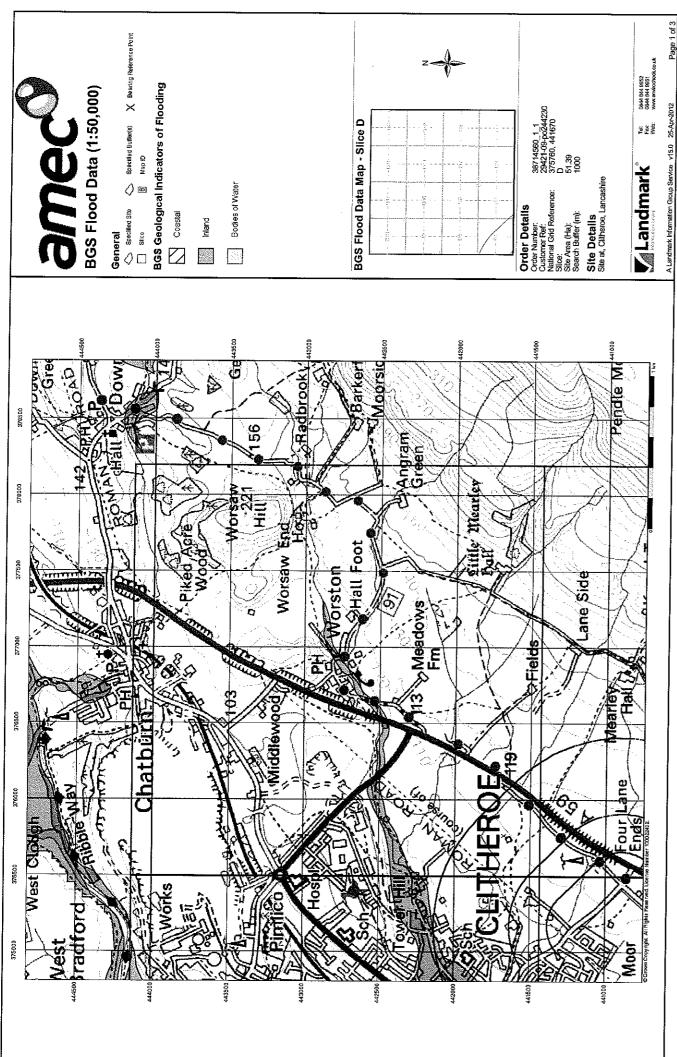


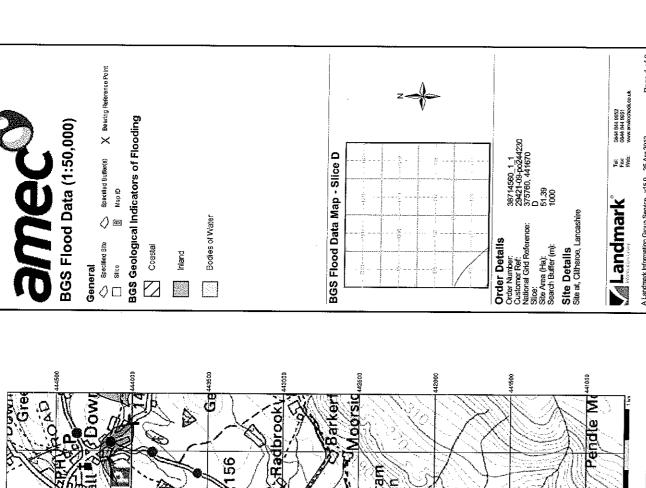


PROTECTION AND PROTECTION AND ADMINISTRATION ADMINISTRATION AND ADMINISTRATION ADMINISTRATION AND ADMINISTRATION ADMINISTRATION AND ADMINISTRATION ADMINISTRATION ADMINISTRATION AND ADMINISTRATION ADMINISTRATION ADMINISTRATION ADMINISTRATION AND ADMINISTRATION ADMINISTRATION ADMINISTRATION ADMINIST	
erenned ett menntelmere meddar recenter.	
a vi vita de la constanta de l	





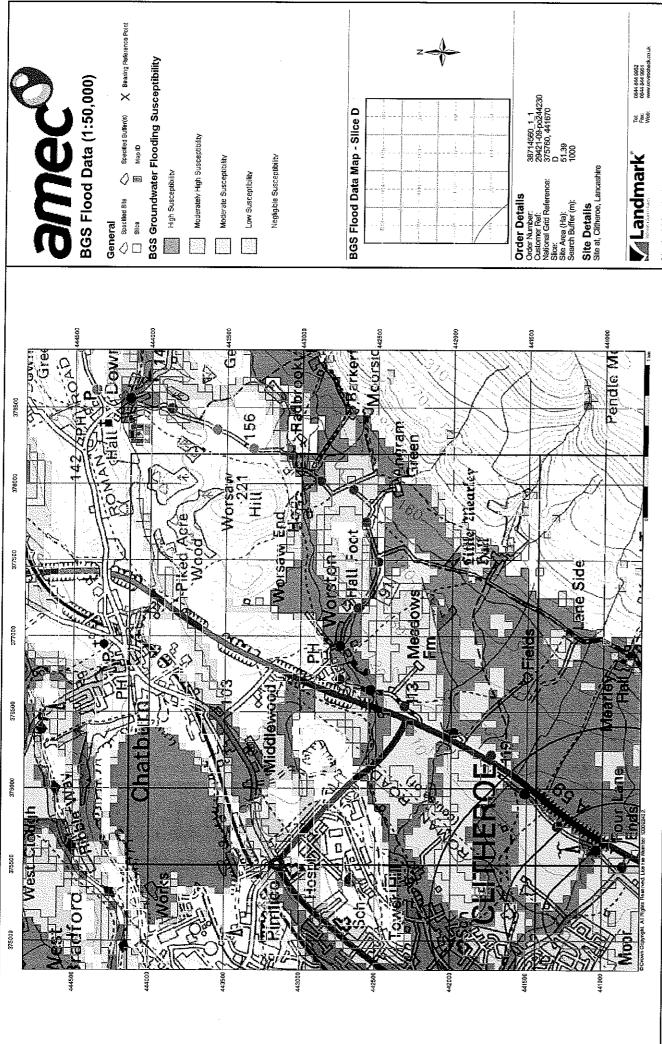


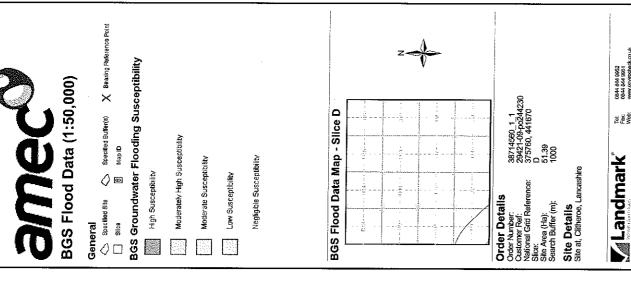


:	
ANA MARIANA	
1.	

Trans-	

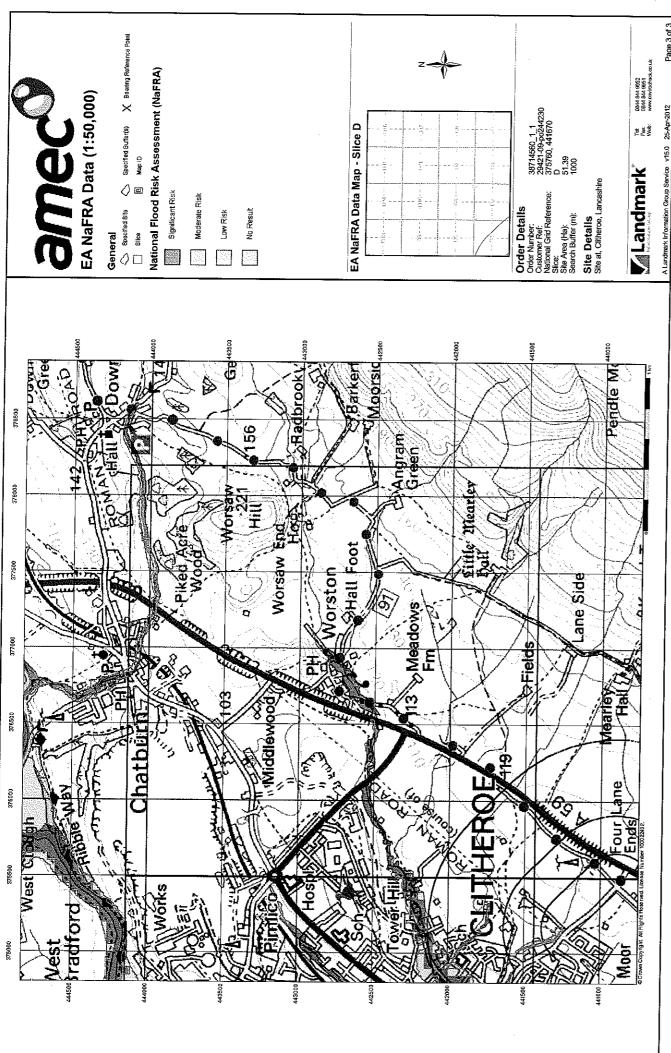
The state of the s	
The state of the s	
THE PROPERTY OF THE PROPERTY O	
Vicage in the control of the control	
TO PERSON AND AND AND AND AND AND AND AND AND AN	
Valencychology	

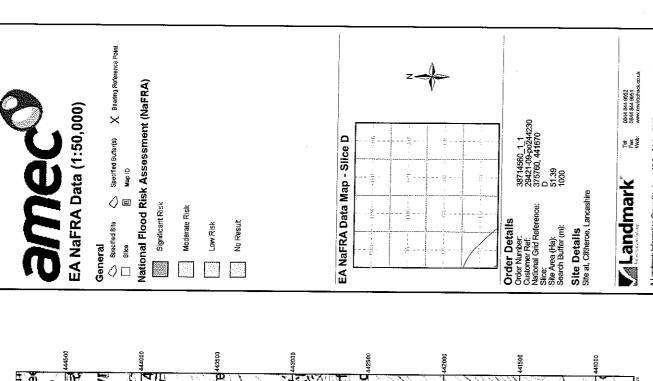


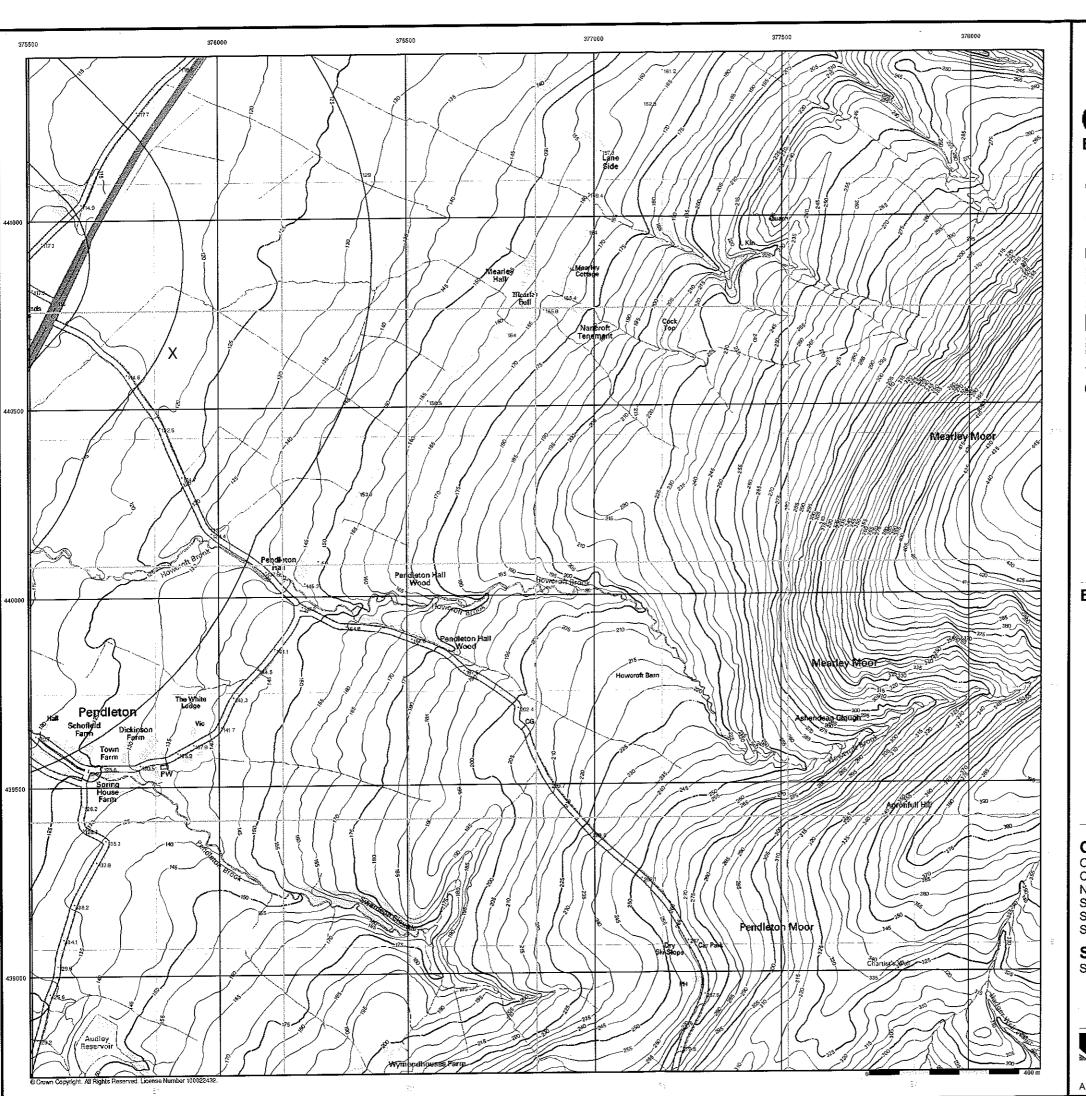


AV CATALON AND THE STATE OF THE	
1000	
nietricharbt mei	
TOTAL CONTRACTOR OF THE PARTY O	
Anventundel	

The second continuous second c	
Vincente la Lamba	
and the state of t	
· Parana	









- Specified Site
- Specified Buffer(s)
- X Bearing Reference Point

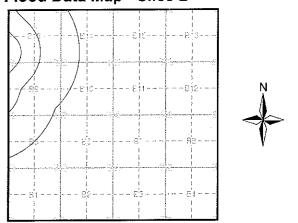
Environment Agency Flood Data

- Extreme Flooding from Rivers or Sea without Defences (Zone 2)
- Flooding from Rivers or Sea without Defences (Zone 3)
- Area Benefiting from Flood Defence
- Flood Water Storage Areas
- - Flood Defence

Contours (height in metres)

1678 Spot Height

EA Flood Data Map - Slice B



Order Details

Order Number: 38714560_1_1
Customer Ref: 29421-09-po244230
National Grid Reference: 375880, 440650

Site Area (Ha): Search Buffer (m): 51.39 1000

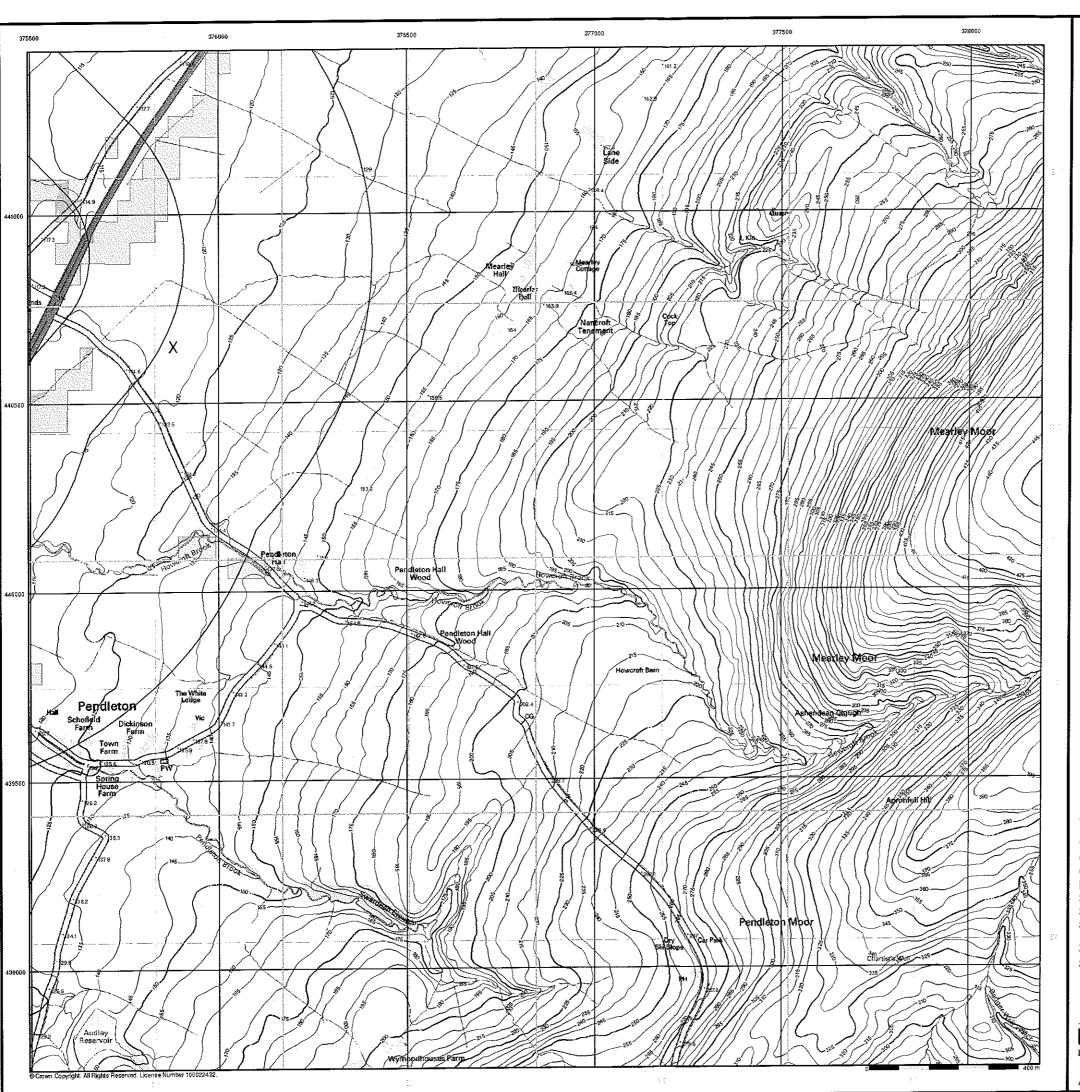
Site Details

Site at, Clitheroe, Lancashire



A Landmark Information Group Service v47.0 25-Apr-2012 Page 1 of 6

			germen. S
			4
			-



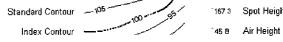


- Specified Site
- Specified Buffer(s)
- X Bearing Reference Point

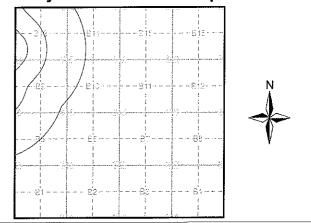
RMS 75 year Return Flood Data

		Flood Type	Piuvial & Minor
Flood Depth (mm)	Defended Flood	Undefended Flood	River Flood (flood depth r/a)
9 - 200			
201 - 500		\square	
501 - 2000		\square	
2001 +		\square	

Contours (height in metres)



RMS 75 year Return Flood Map - Slice B



Order Details

Order Number: 38714560_1_1
Customer Ref: 29421-09-po244230
National Grid Reference: 375880, 440650
Slice: B
Site Area (Ha): 51.39
Search Buffer (m): 1000

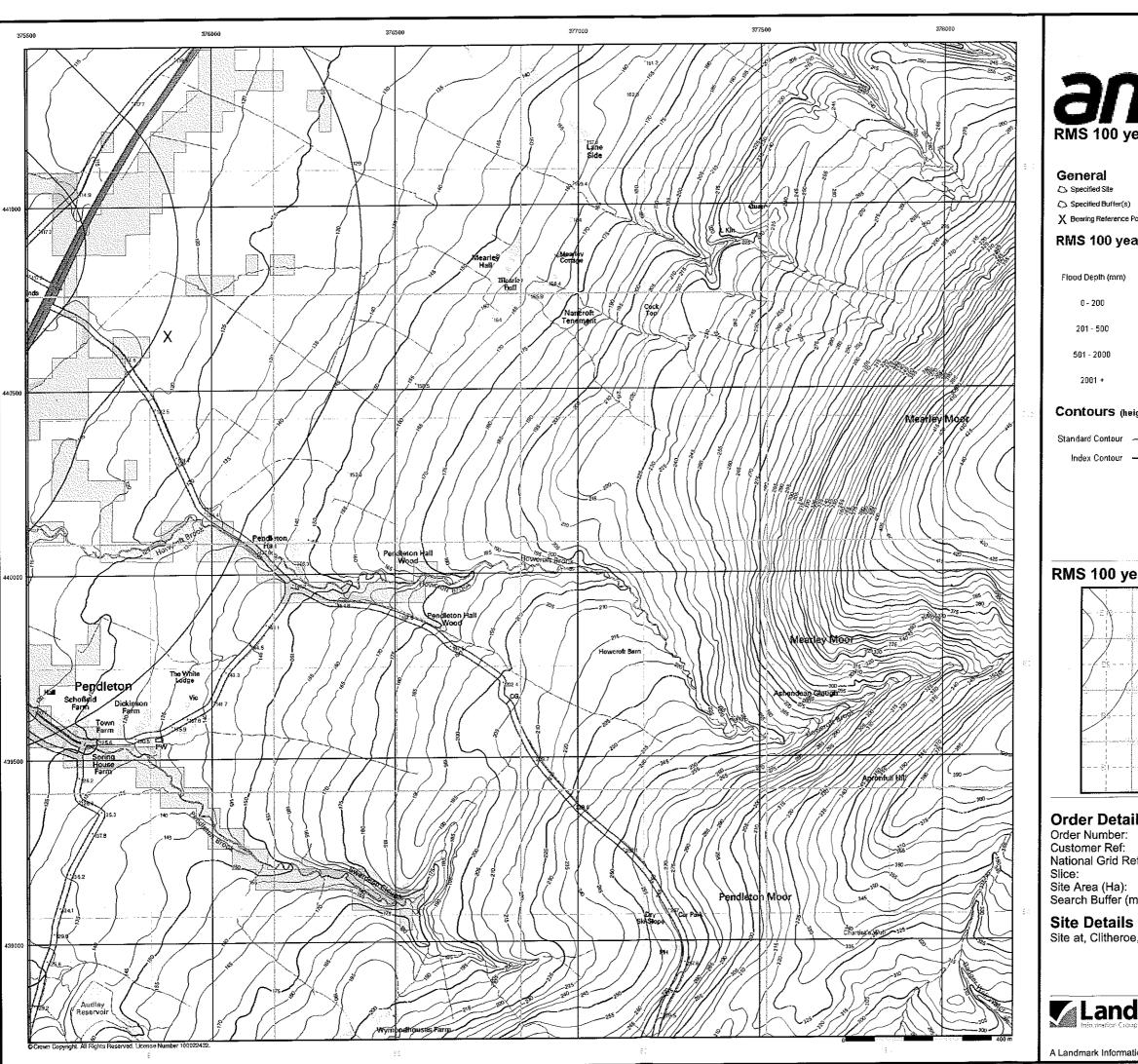
Site Details

Site at, Clitheroe, Lancashire



0844 844 9952 0844 844 9951 www.envirocheck.c

A Landmark Information Group Service v47.0 25-Apr-2012 Page 2 of 6





- Specified Site
- Specified Buffer(s)
- X Bearing Reference Point

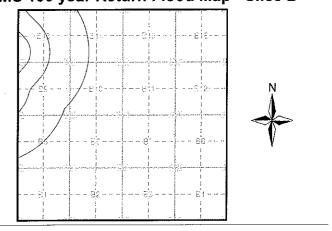
RMS 100 year Return Flood Data

		Flood Type	Piuvial & Minor
Flood Depth (mm)	Defended Flood	Undefended Flood	River Flood (flood depth n/s)
0 - 200			
201 - 500			
501 - 2000		\square	
2001 +		\square	

Contours (height in metres)



RMS 100 year Return Flood Map - Slice B



Order Details

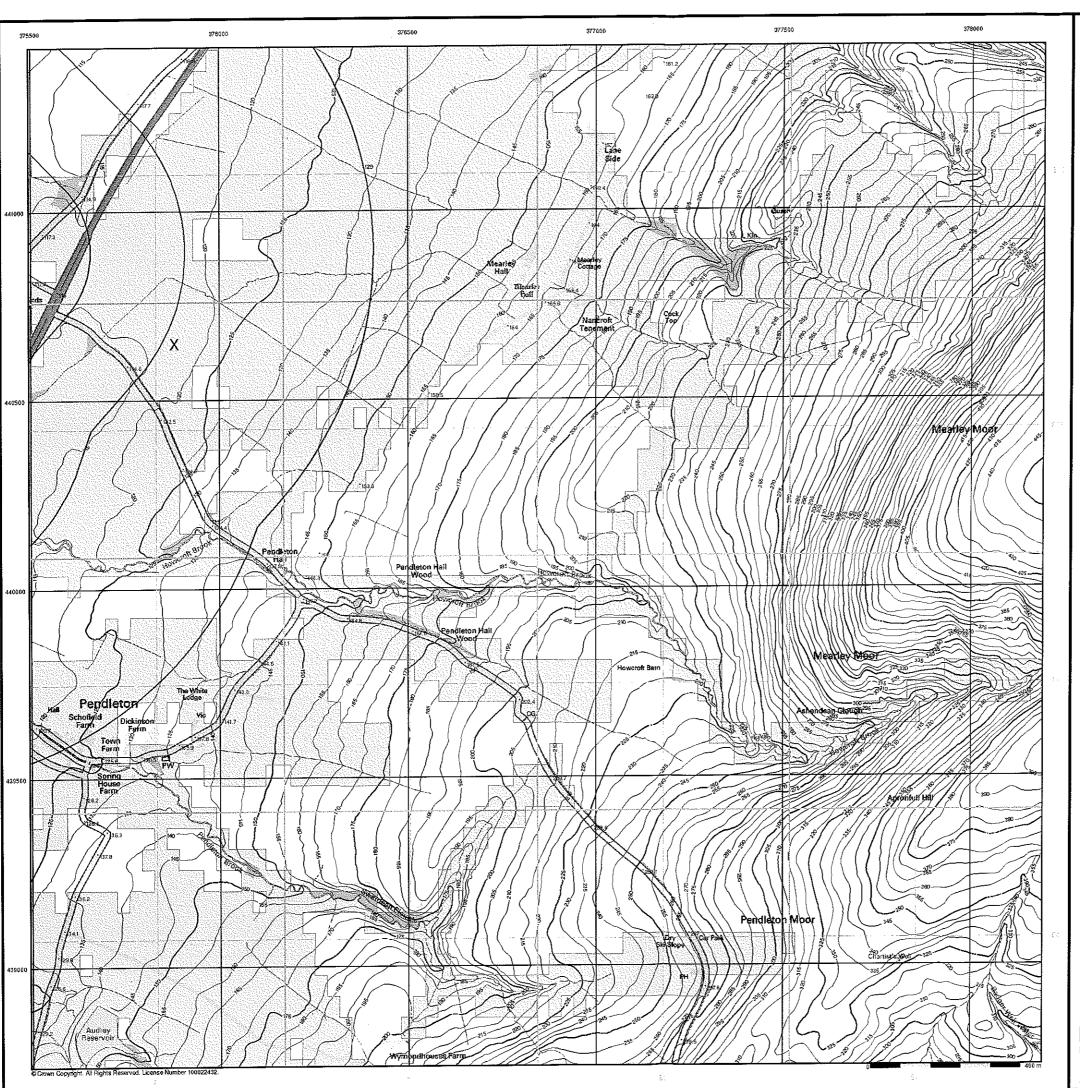
Order Number: 38714560_1_1
Customer Ref: 29421-09-po244230
National Grid Reference: 375880, 440650 Site Area (Ha): Search Buffer (m): 51.39

Site at, Clitheroe, Lancashire



A Landmark Information Group Service v47.0 25-Apr-2012 Page 3 of 6

					garte e E
					n en en en en en en en en en en en en en



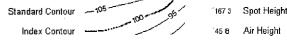


- Specified Site
- Specified Buffer(s)
- X Bearing Reference Point

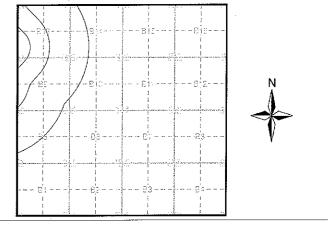
RMS 1000 year Return Flood Data

Flood Depth (mm)	Defended Flood	Flood Type Undefended Flood	Pluvial & Miner River Flood (flood depth n/a)
0 - 200		\square	
201 - 500		\square	
50 1 - 2000			
2001 +		\square	

Contours (height in metres)



RMS 1000 year Return Flood Map - Slice B



Order Details

Order Number: 38714560_1_1
Customer Ref: 29421-09-po244230
National Grid Reference: 375880, 440650 Slice: Site Area (Ha): Search Buffer (m): 51.39

Site Details

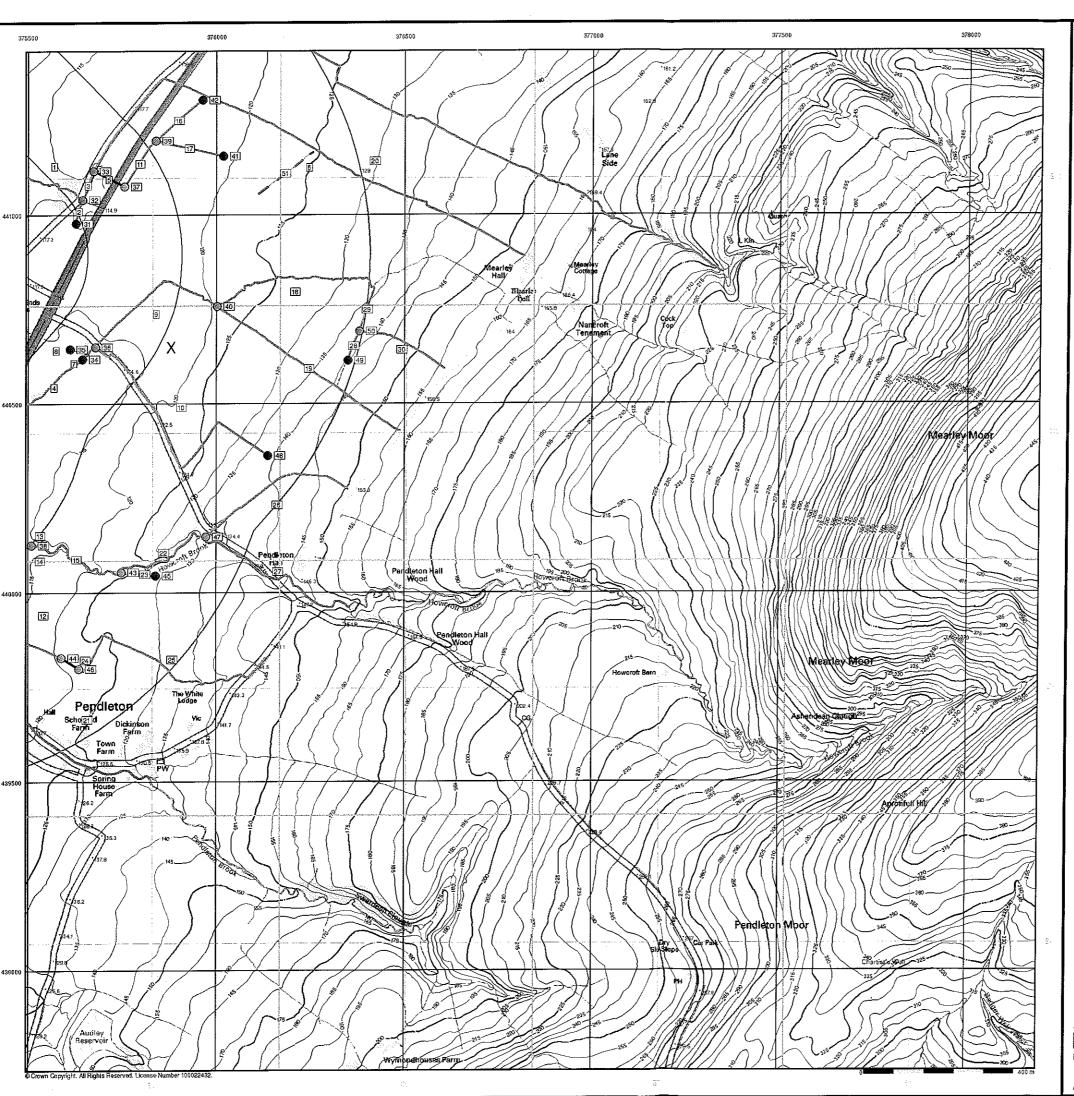
Site at, Clitheroe, Lancashire



0844 844 9952 0844 844 9951

A Landmark Information Group Service v47.0 25-Apr-2012 Page 4 of 6

				100000000000000000000000000000000000000
				ged ben en en en en en en en en en en en en e





- Specified Site
- Specified Buffer(s)
- X Bearing Reference Point
- ß MaplD

EA Detailed River Network Data

- Primary River — Extended Culvert (greater than 50m) Secondary River
 - ------ Underground River (inferred)
- --- Tertiary River ----- Underground River (local knowledge)
 - Downstream of High Water Mark
- - Canal Tunnel Undefined River
- --- Downstream of Seaward Extension -- - Not assigned River feature
- --- Lake/Reservoir
- Source
- Junction

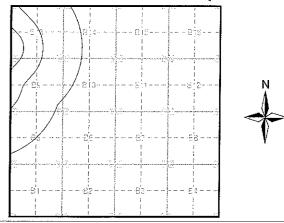
- Non-interactive Node
- - Offline Drainage Feature
- Not assigned River feature
- Pseudo Node (general)
- Pseudo Node (High Water Mark)
- Pseudo Node (OS MasterMap polygon boundary)

Contours (height in metres)

Standard Contour -105-Index Contour

1673 Spot Height 458 Air Height

EA Detailed River Network Map - Slice B



Order Details

Order Number: 38714560_1_1 29421-09-po244230 Customer Ref: National Grid Reference: 375880, 440650

Site Area (Ha): 51.39 Search Buffer (m): 1000

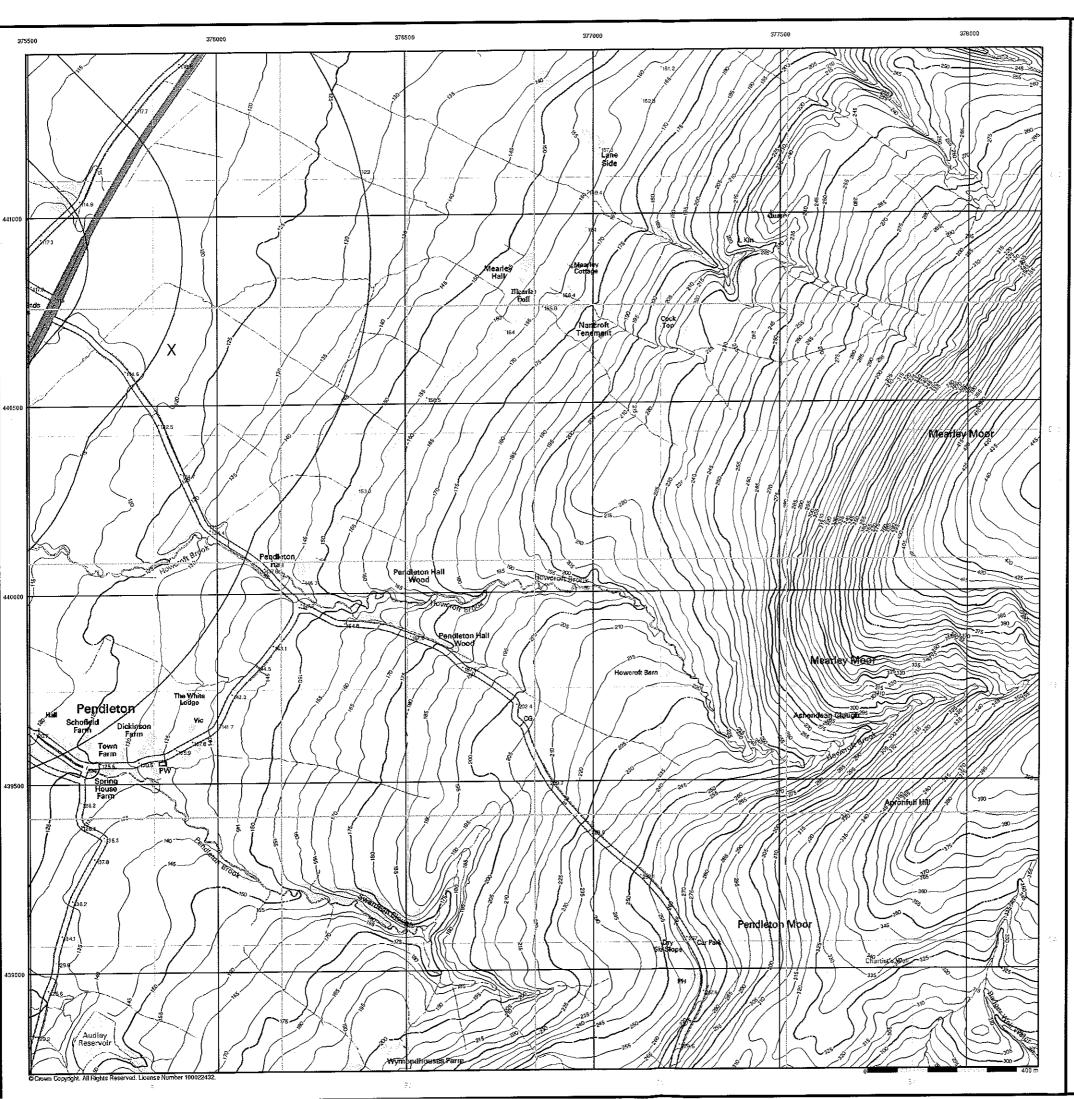
Site Details

Site at, Clitheroe, Lancashire



0844 844 9952 0844 844 9951

A Landmark Information Group Service v47.0 25-Apr-2012 Page 5 of 6





- Specified Site
- Specified Buffer(s)
- X Bearing Reference Point
- B qaM B

EA Historic Flood Events Data

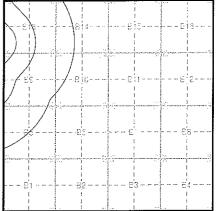
- Channel Capacity Exceeded (no raised defences)
- Cbstruction/Blockage Culvert
- Groundwater/High Water Table
- Obstruction/Blockage -Debris Screen
- Local Drainage/Surface Water
- Operational Failure/ Breach of Defence
- Mechanical Failure
- Other
- Obstruction/Blockage Bridge
- Overtopping of Defences
- Obstruction/Blockage Channel
- Unknown
- Historical Flood Liabilities

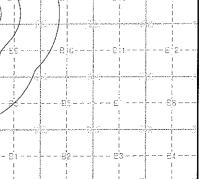
Contours (height in metres)



458 Air Height

EA Historic Flood Map - Slice B





Order Details

38714560_1_1 29421-09-po244230 Order Number: Customer Ref: National Grid Reference: 375880, 440650

Slice:

51.39 Site Area (Ha): Search Buffer (m):

Site Details

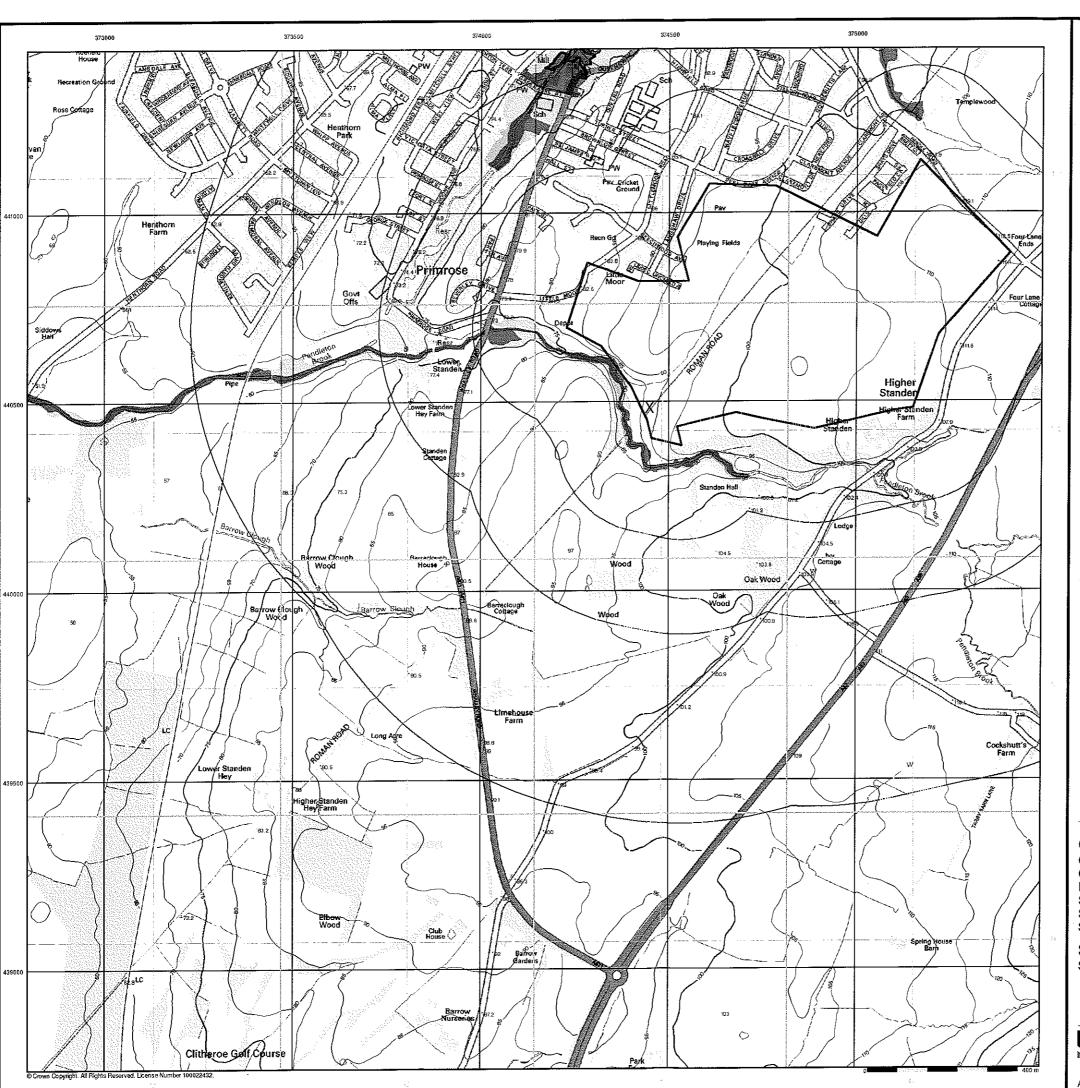
Site at, Clitheroe, Lancashire



0844 844 9952 0844 844 9951

A Landmark Information Group Service v47.0 25-Apr-2012 Page 6 of 6

		To the second





- Specified Site
- Specified Buffer(s)
- X Bearing Reference Point

Environment Agency Flood Data

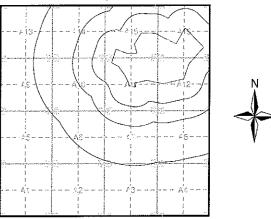
- Extreme Flooding from Rivers or Sea without Defences (Zone 2)
- Flooding from Rivers or Sea without Defences (Zone 3)
- Area Benefiting from Flood Defence
- Flood Water Storage Areas
- · Flood Defence

Contours (height in metres)

Standard Contour -105

1678 Spot Height

EA Flood Data Map - Slice A



Order Details

Order Number: 38714560_1_1
Customer Ref: 29421-09-po244230
National Grid Reference: 374450, 440480

Slice:

Site Area (Ha): Search Buffer (m): 51.39

Site Details

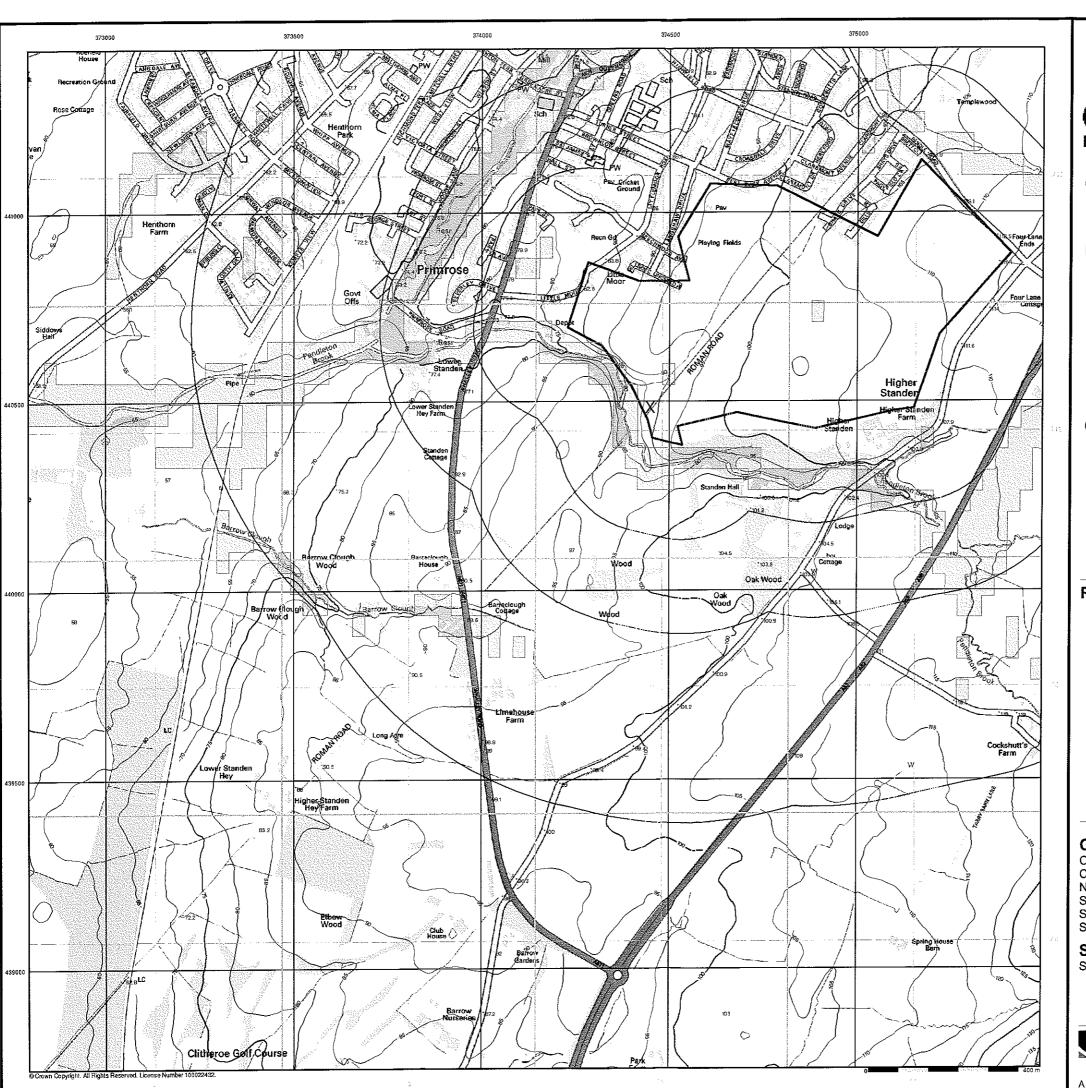
Site at, Clitheroe, Lancashire



A Landmark Information Group Service v47.0 25-Apr-2012 Page 1 of 6

				(

				en (1917) e A Na de se de se esta esta esta esta esta esta esta





Generai

- Specified Site
- Specified Buffer(s)
- X Bearing Reference Point

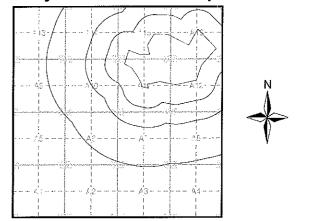
RMS 75 year Return Flood Data

Flood Depth (mm)	Defended Flood	Flood Type Undefended Flood	Pluvial & Minor River Flood (flood depth n/a)
0 - 290			
201 - 500		\square	
501 - 2000		\square	
2001 +		\boxtimes	
Contaire			

Contours (height in metres)



RMS 75 year Return Flood Map - Slice A



Order Details

Order Number: 38714560_1_1
Customer Ref: 29421-09-po244230
National Grid Reference: 374450, 440480 Slice: Site Area (Ha): Search Buffer (m): 51.39 1000

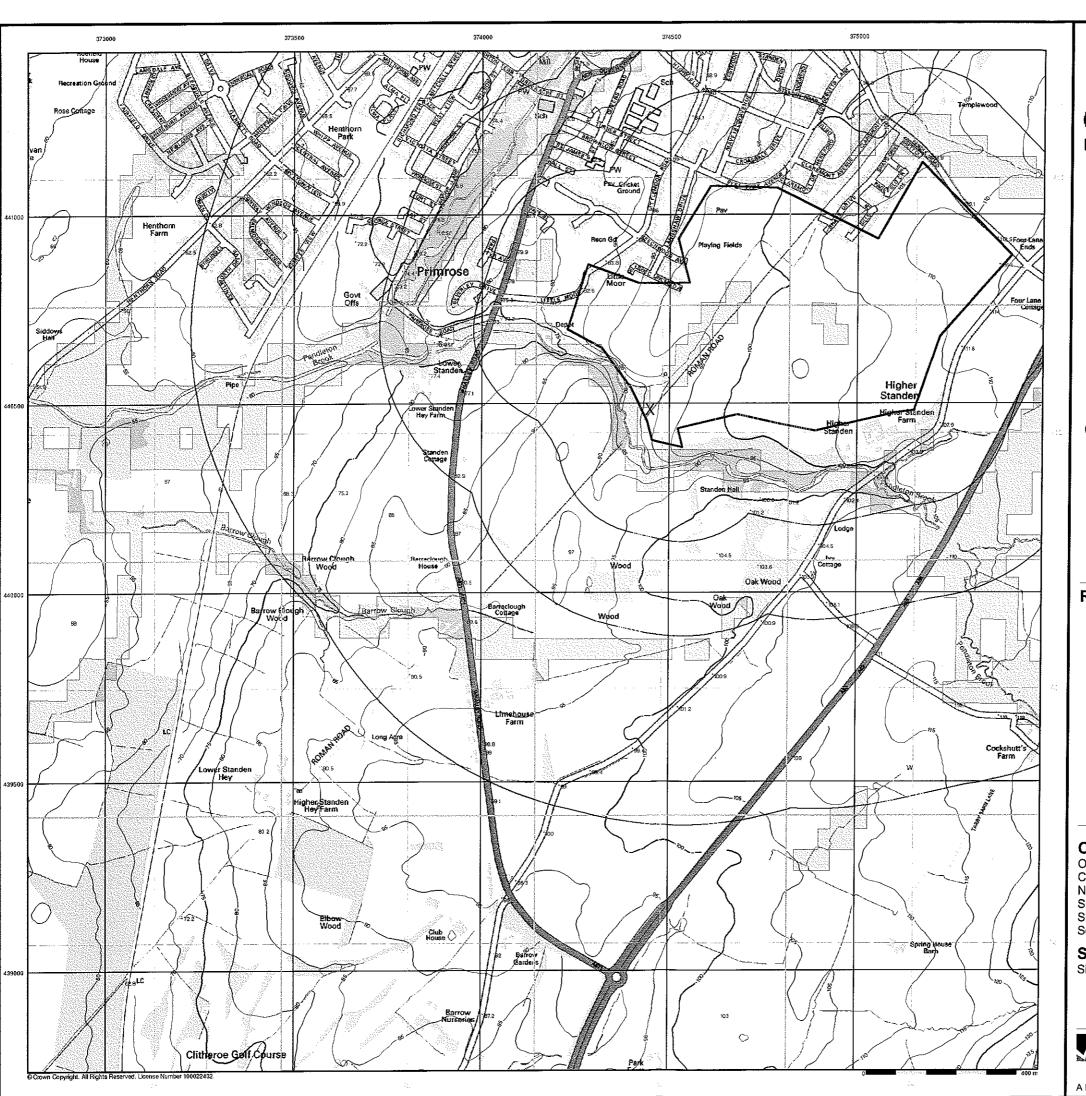
Site Details

Site at, Clitheroe, Lancashire



0844 844 9952 0844 844 9951

A Landmark Information Group Service v47.0 25-Apr-2012 Page 2 of 6





- Specified Site
- Specified Buffer(s)
- X Bearing Reference Point

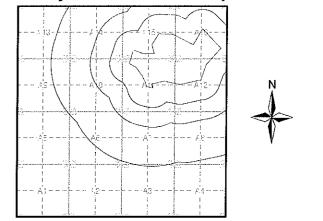
RMS 100 year Return Flood Data

Flood Depth (mm)	Defended Flood	Flood Type Undefended Flood	Pluvial & Minor River Flood (flood depth n/a)
0 - 200			
201 - 500		\square	
501 - 2000		\boxtimes	
2001 +			
Cantaina			

Contours (height in metres)



RMS 100 year Return Flood Map - Slice A



Order Details

Order Number: 38714560_1_1
Customer Ref: 29421-09-po244230
National Grid Reference: 374450, 440480 Slice: Site Area (Ha): Search Buffer (m): 51.39 1000

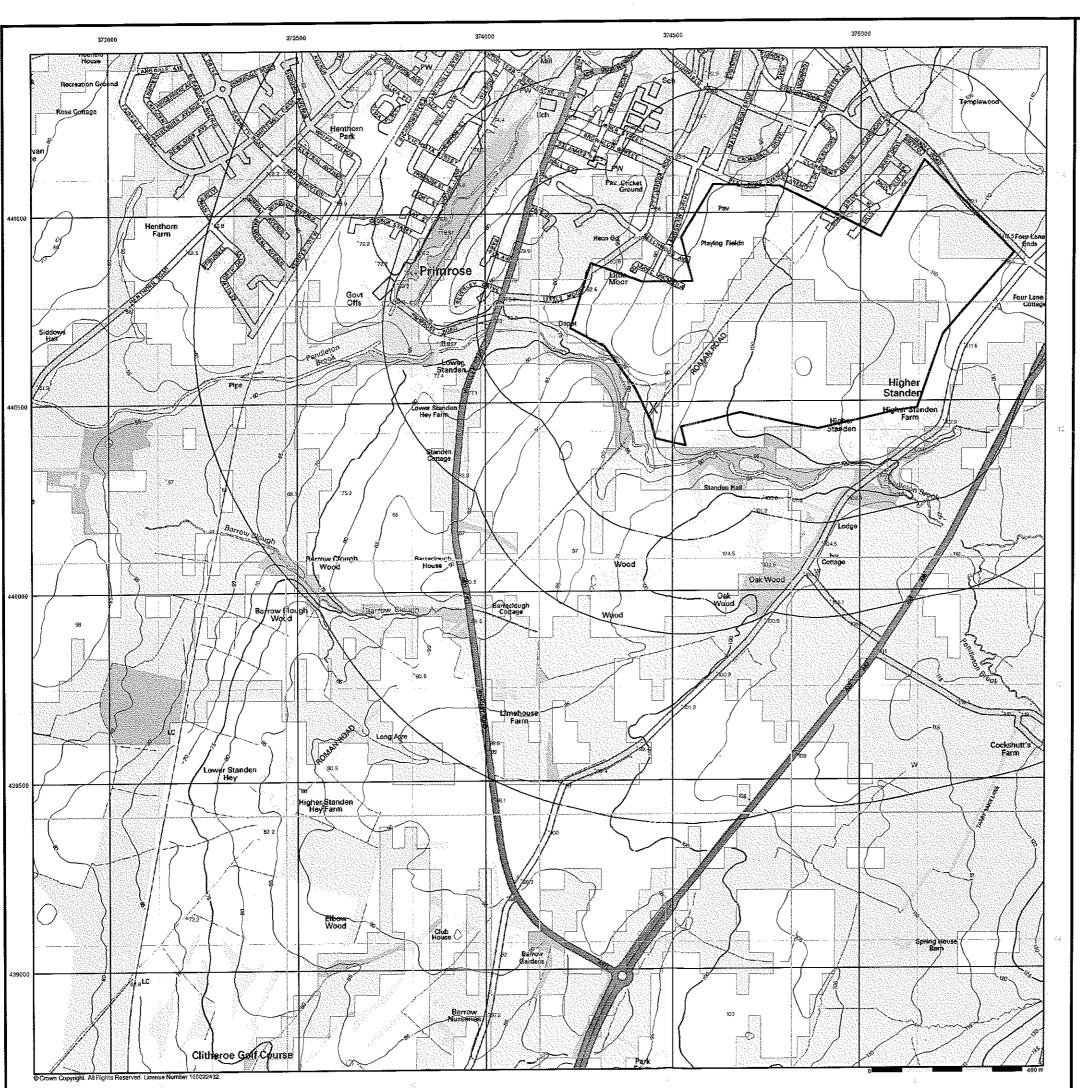
Site Details

Site at, Clitheroe, Lancashire



0844 844 9952 0844 844 9951

A Landmark Information Group Service v47.0 25-Apr-2012 Page 3 of 6





- Specified Site
- Specified Buffer(s)
- X Bearing Reference Point

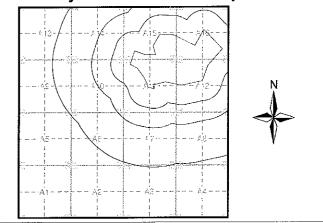
RMS 1000 year Return Flood Data

Flood Depth (mm)	Defended Flood	Flood Type Undefended Flood	Pluvial & Minor River Flood (flood depth n/a)
0 - 200			
201 - 500			
501 - 2000		\boxtimes	
2001 +		\square	

Contours (height in metres)



RMS 1000 year Return Flood Map - Slice A



Order Details

Order Number: 38714560_1_1
Customer Ref: 29421-09-po244230
National Grid Reference: 374450, 440480 Slice: Site Area (Ha): Search Buffer (m): 51.39

Site Details

Site at, Clitheroe, Lancashire

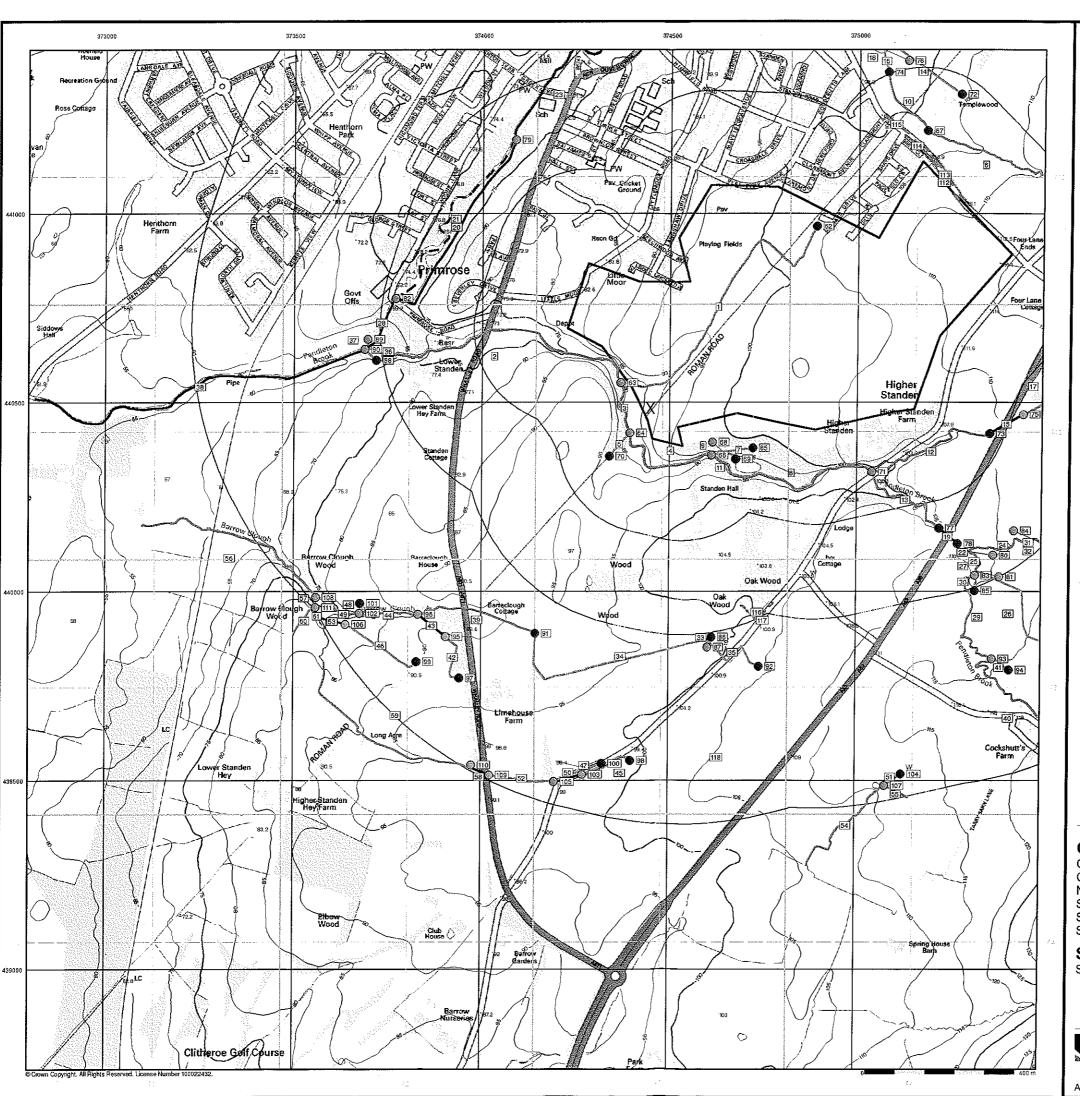


0844 844 9952 0844 844 9951 www.envirocheck.co.uk

A Landmark Information Group Service v47.0 25-Apr-2012 Page 4 of 6

			general E

			Polymonda managaman de para de la companya de para de la companya
			Additionable observations as a second
			The state of the s





- Specified Site
- Specified Buffer(s)
- X Bearing Reference Point

EA Detailed River Network Data

- Primary River Extended Culvert (greater than 50m)
- Secondary River ---- Underground River (inferred) ---- Tertiary River Underground River (focal knowledge)
 - Downstream of High Water Mark
- -- Canal Tunnel -- Downstream of Seaward Extension --- Not assigned River feature
- --- Lake/Reservoir
- Source
- Junction
- Sink
- Non-interactive Node
- --- Offline Drainage Feature
- Not assigned River feature
- Pseudo Node (general)
- Pseudo Node (High Water Mark)
- Pseudo Node (OS MasterMap polygon boundary)

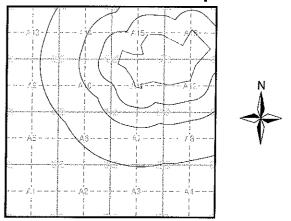
Contours (height in metres)



1673 Spot Height

45.8 Air Height

EA Detailed River Network Map - Slice A



Order Details

Order Number: 38714560_1_1 Customer Ref: 29421-09-po244230 National Grid Reference: 374450, 440480 Slice:

51.39 Site Area (Ha): Search Buffer (m): 1000

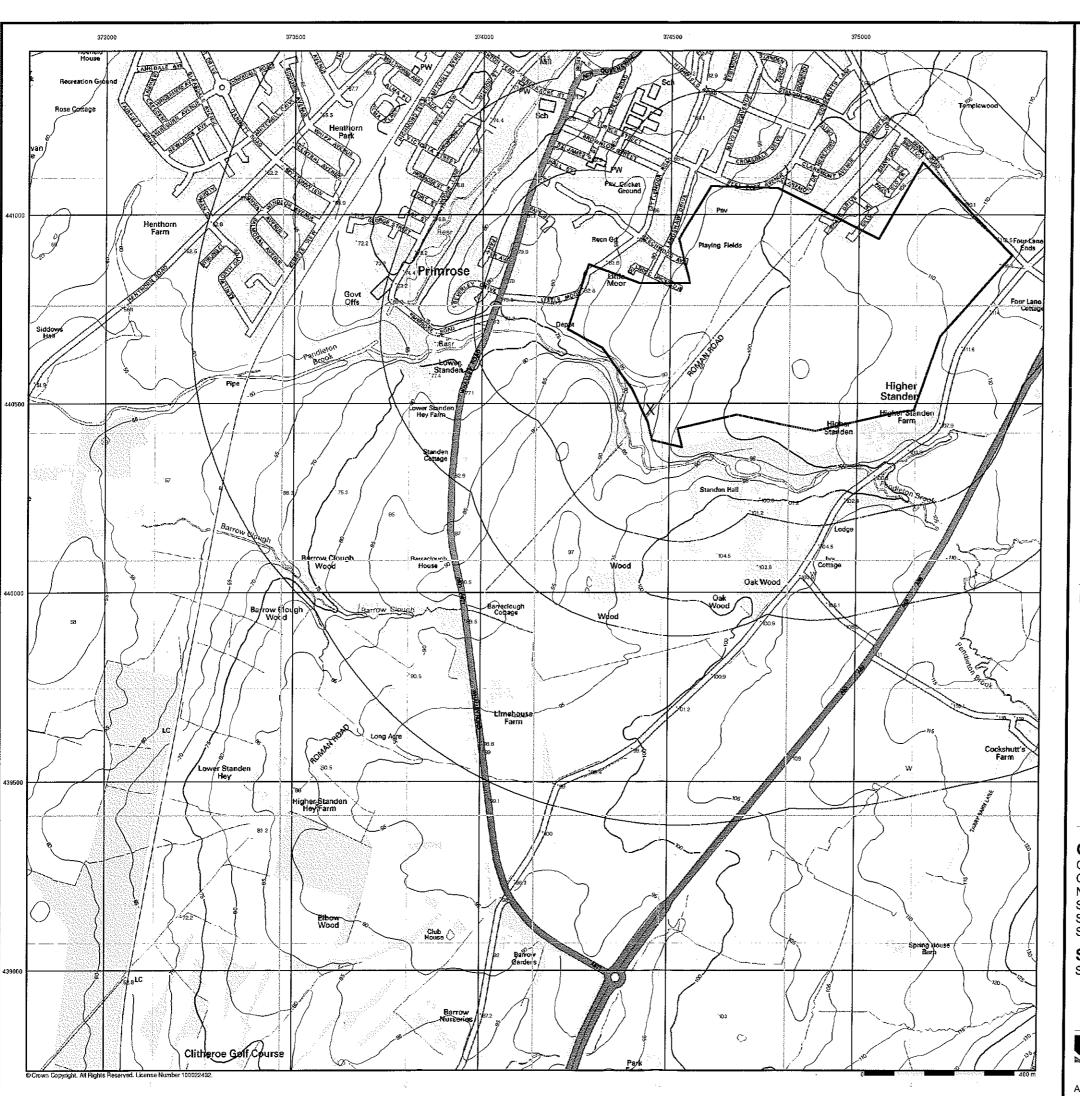
Site Details

Site at, Clitheroe, Lancashire



0844 844 9952 0844 844 9951

A Landmark Information Group Service v47.0 25-Apr-2012 Page 5 of 6





- Specified Site
- Specified Buffer(s)
- X Bearing Reference Point
- ⊠ Map ID

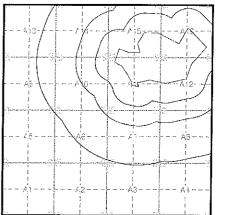
EA Historic Flood Events Data

- Channel Capacity Exceeded (no raised defences)
- Obstruction/Blockage Culvert
- Obstruction/Blockage Debris Screen Groundwater/High Water Table
- Operational Failure/ Breach of Defence Local Drainage/Surface Water
- Mechanical Failure
 - Other |
- Obstruction/Blockage Bridge Overtopping of Defences
- Obstruction/Blockage Channel
 - Unknown
- Mistorical Flood Liabilities

Contours (height in metres)

- Standard Contour -- 105 Index Contour ----

EA Historic Flood Map - Slice A



Order Details

Order Number: 38714560 1 1 Customer Ref: 29421-09-po244230 National Grid Reference: 374450, 440480

Slice:

Site Area (Ha): Search Buffer (m): 51.39 1000

Site Details

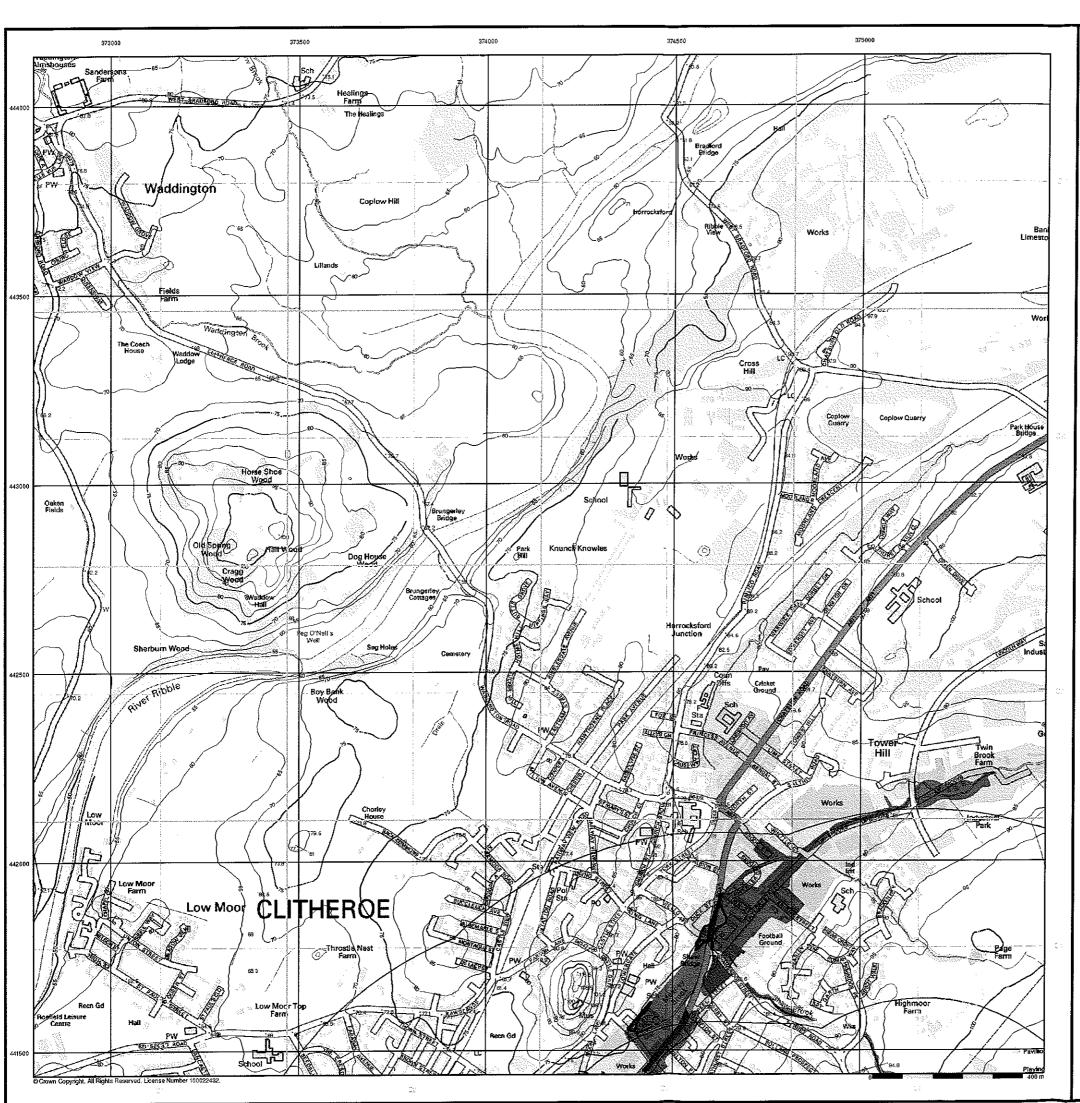
Site at, Clitheroe, Lancashire



0844 844 9952 0844 844 9951 www.envirocheck.co.uk

A Landmark Information Group Service v47.0 25-Apr-2012 Page 6 of 6

		es que de la constitución de la





- Specified Site
- Specified Buffer(s)
- X Bearing Reference Point

Environment Agency Flood Data

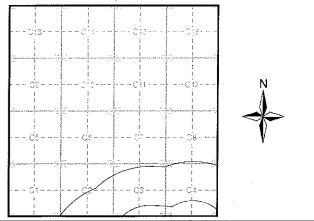
- Extreme Flooding from Rivers or Sea without Defences (Zone 2)
 - Flooding from Rivers or Sea without Defences (Zone 3)
- Area Benefiting from Flood Defence
- Flood Water Storage Areas
- - Flood Defence

Contours (height in metres)

Standard Contour —105

1678 Spot Height

EA Flood Data Map - Slice C



Order Details

Order Number: 38714560_1_1
Customer Ref: 29421-09-po244230
National Grid Reference: 374660, 441730

Slice:

Site Area (Ha): 51.39 Search Buffer (m): 1000

Site Details

Site at, Clitheroe, Lancashire

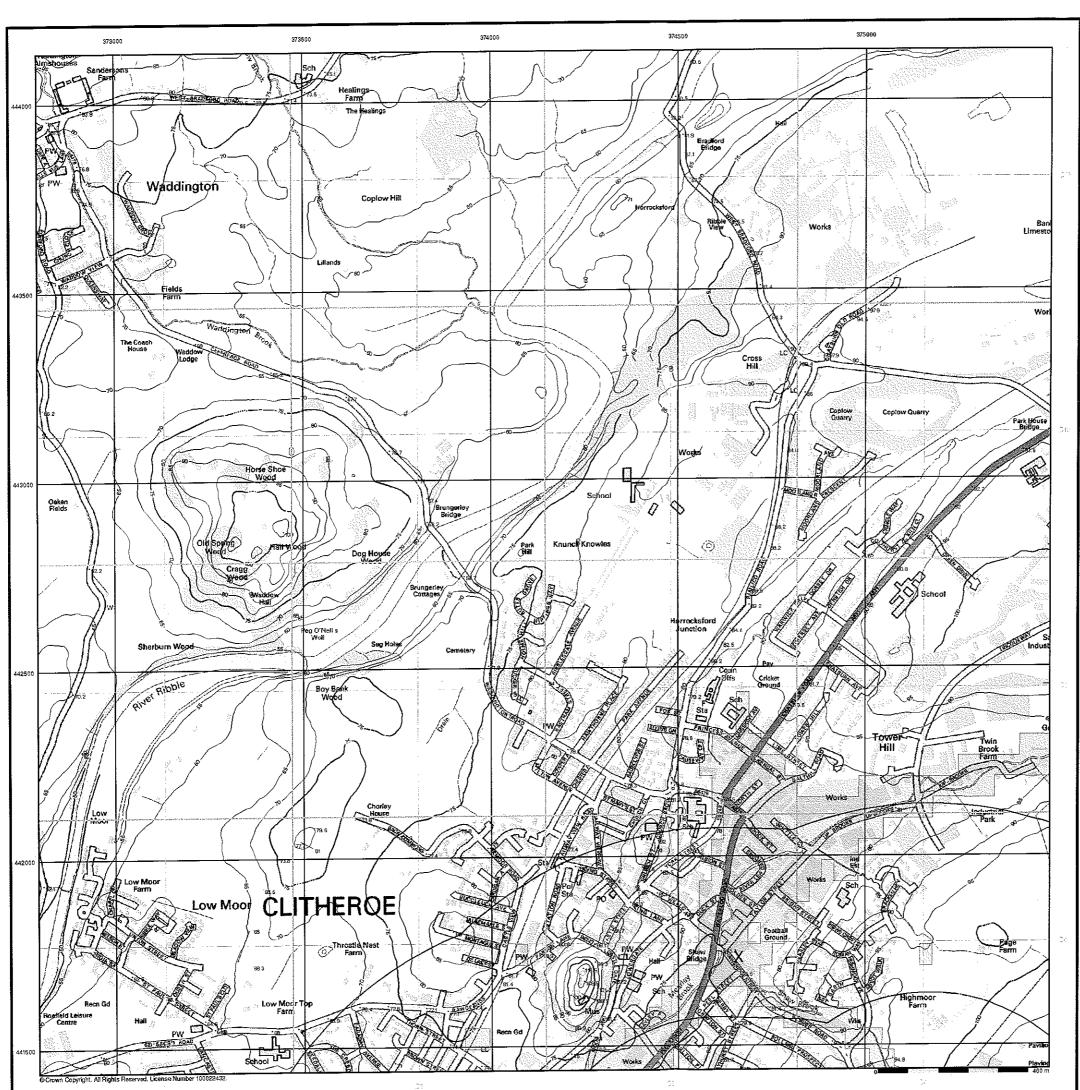


l: 0844 84 x: 0844 84

0844 844 9952 0844 844 9951 www.envirocheck.co.uk

A Landmark Information Group Service v47.0 25-Apr-2012 Page 1 of 6

			gen en
			:
			C
			3
			₹





- Specified Site
- Specified Buffer(s)
- X Bearing Reference Point

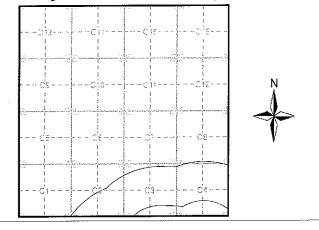
RMS 75 year Return Flood Data

Flood Depth (mm)	Defended Flood	Flood Type Undefended Flood	Pluvial & Minor River Flood (flood depth n/s)
0 - 200			
201 - 500	2000 2000		
501 - 2000		\boxtimes	
2001 +		\square	

Contours (height in metres)



RMS 75 year Return Flood Map - Slice C



Order Details

Order Number: 38714560_1_1
Customer Ref: 29421-09-po244230
National Grid Reference: 374660, 441730 Slice:

Site Area (Ha): Search Buffer (m): 51.39

Site Details

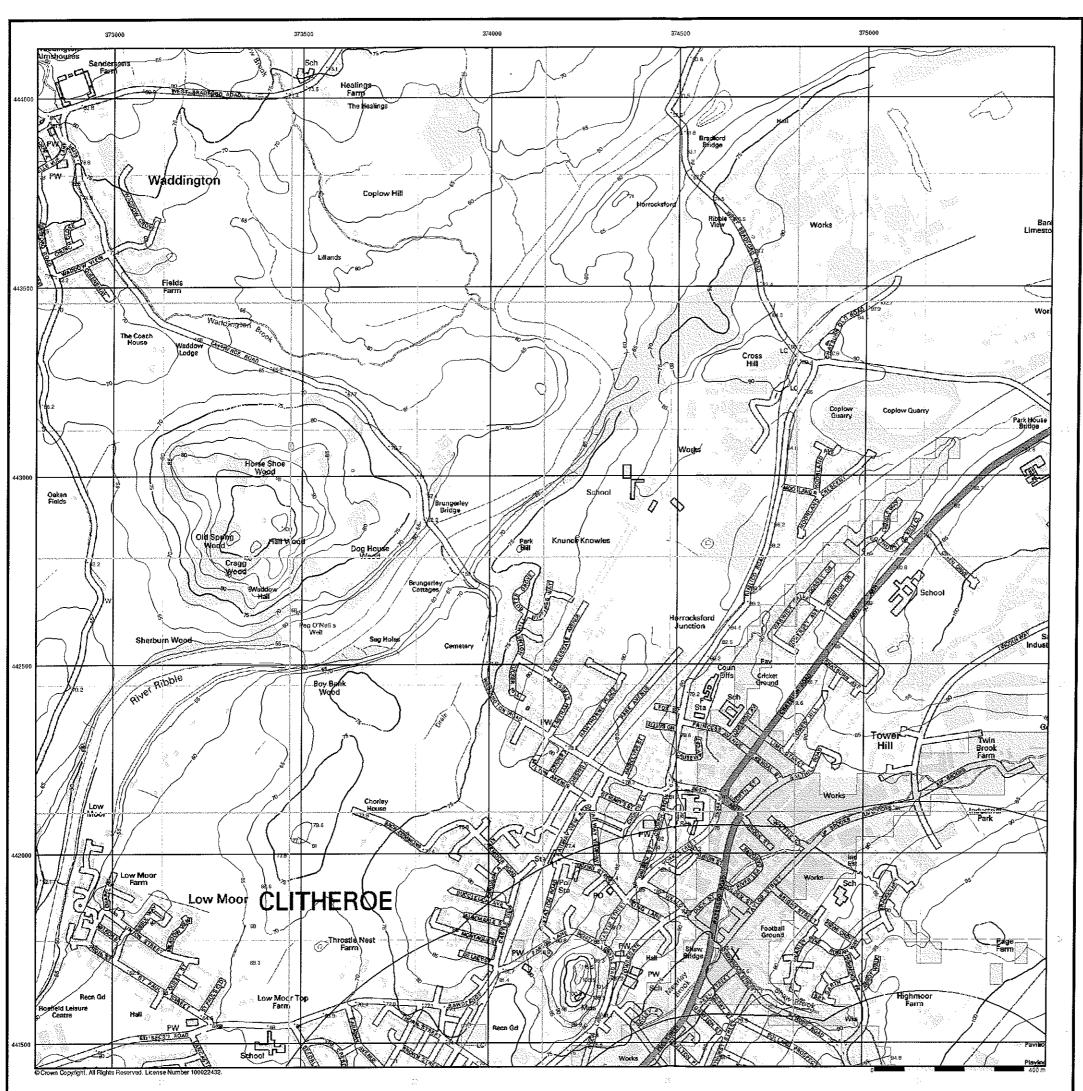
Site at, Clitheroe, Lancashire



0844 844 9952 0844 844 9951

A Landmark Information Group Service v47.0 25-Apr-2012 Page 2 of 6

·
And the second s





- Specified Site
- Specified Buffer(s)
- X Bearing Reference Point

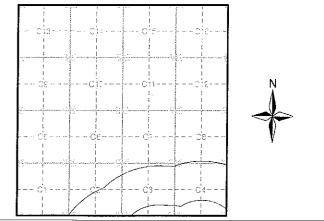
RMS 100 year Return Flood Data

Flood Depth (mm)	Defended Flood	Flood Type Undefended Flood	Pluvial & Minor River Flood (flood depth n/s)
0 - 200		\boxtimes	
201 - 500		\square	
501 - 2000		\square	
2001 +		\square	
C			

Contours (height in metres)



RMS 100 year Return Flood Map - Slice C



Order Details

Order Number: 38714560_1_1
Customer Ref: 29421-09-po244230
National Grid Reference: 374660, 441730
Slice: C
Site Area (Ha): 51.39
Search Buffer (m): 1000

Site Details

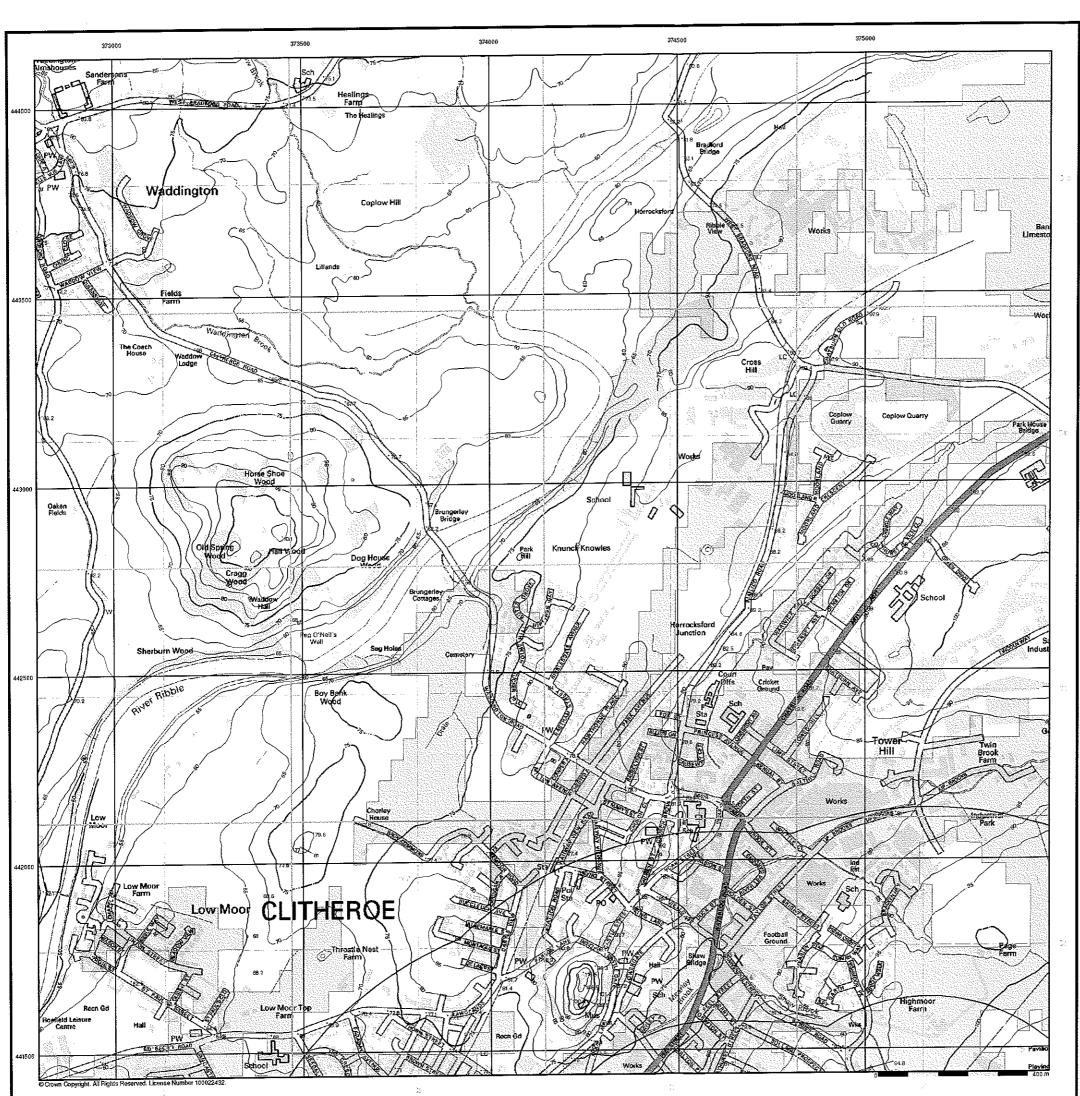
Site at, Clitheroe, Lancashire



el: 0844 844 9952 ax: 0844 844 9951 Veb: www.envirocheck

A Landmark Information Group Service v47.0 25-Apr-2012 Page 3 of 6

		·		
				i
				:





- Specified Site
- Specified Buffer(s)
- X Bearing Reference Point

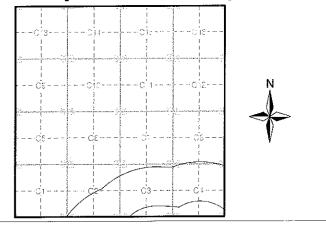
RMS 1000 year Return Flood Data

Flood Depth (mm)	Defended Flood	Flood Type Undefended Flood	Pluvial & Minor River Flood (flood depth n/a)
0 - 200			
201 - 500	534 853	\square	
501 - 2000		\square	i e
2001 +		\square	

Contours (height in metres)



RMS 1000 year Return Flood Map - Slice C



Order Details

Order Number: 38714560_1_1
Customer Ref: 29421-09-po244230
National Grid Reference: 374660, 441730 Slice:

Site Area (Ha): Search Buffer (m): 51.39

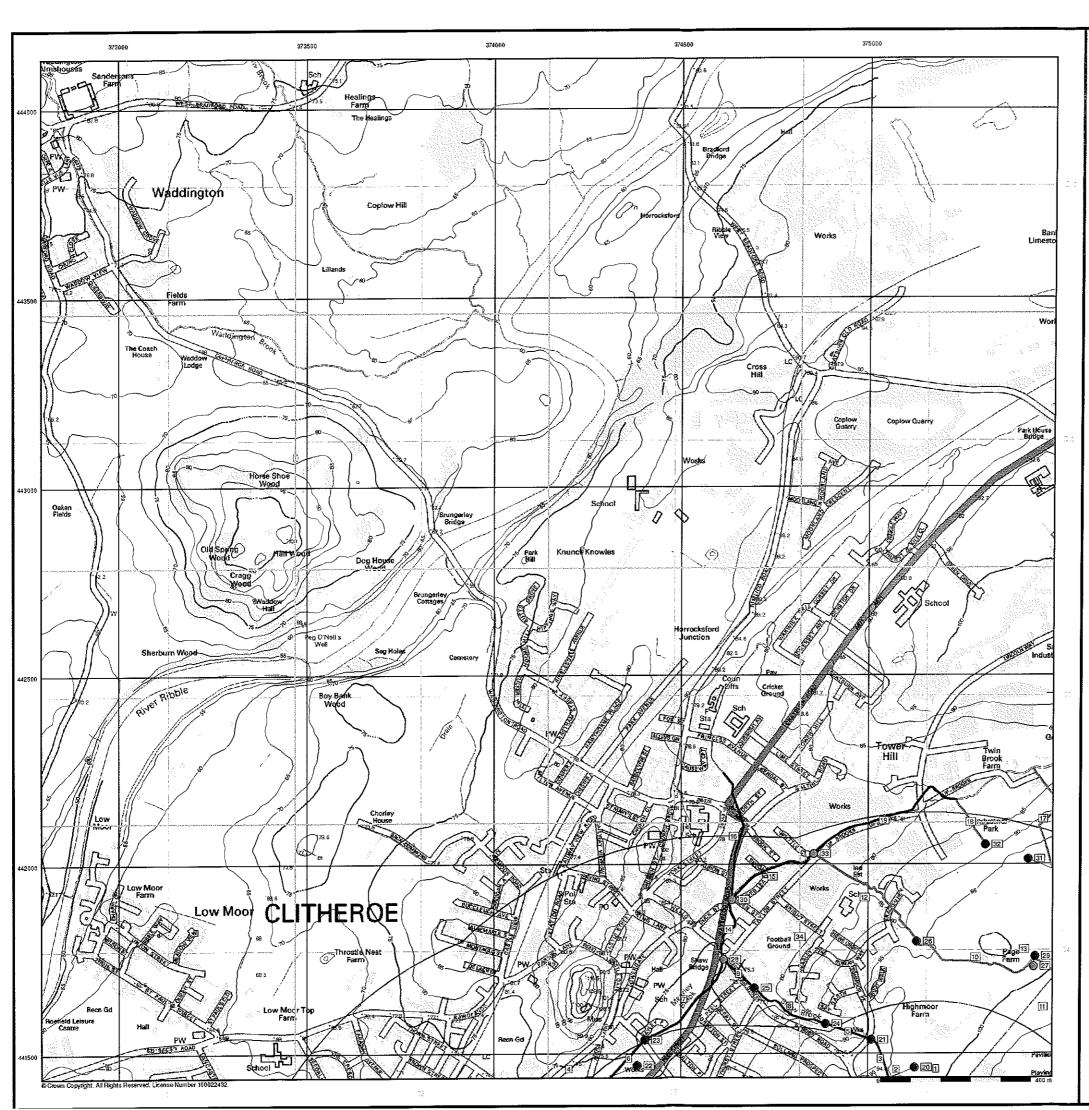
Site Details

Site at, Clitheroe, Lancashire



0844 844 9952 0844 844 9951 www.envirocheck.co.uk

A Landmark Information Group Service v47.0 25-Apr-2012 Page 4 of 6





- Specified Site
- Specified Buffer(s)
- X Bearing Reference Point
- Map ID

EA Detailed River Network Data

- Extended Culvert (greater than 50m) --- Underground River (inferred)
- Secondary River - Tertiary River Underground River (local knowledge)
- Downstream of High Water Mark
- -- Downstream of Seaward Extension - - Canal Tunnel
 - Undefined River --- Not assigned River feature
- --- Lake/Reservoir
- Source

- Sink
- Non-interactive Node --- Offline Drainage Feature
- Pseudo Node (general)
- Pseudo Node (High Water Mark)
- Pseudo Node (OS MasterMap polygon boundary)

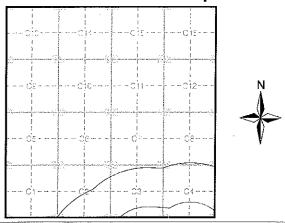
Not assigned River feature

Contours (height in metres)

Index Contour

458 Air Height

EA Detailed River Network Map - Slice C



Order Details

Order Number: 38714560_1_1 Customer Ref: 29421-09-po244230 National Grid Reference: 374660, 441730

Slice:

Site Area (Ha): 51.39 Search Buffer (m): 1000

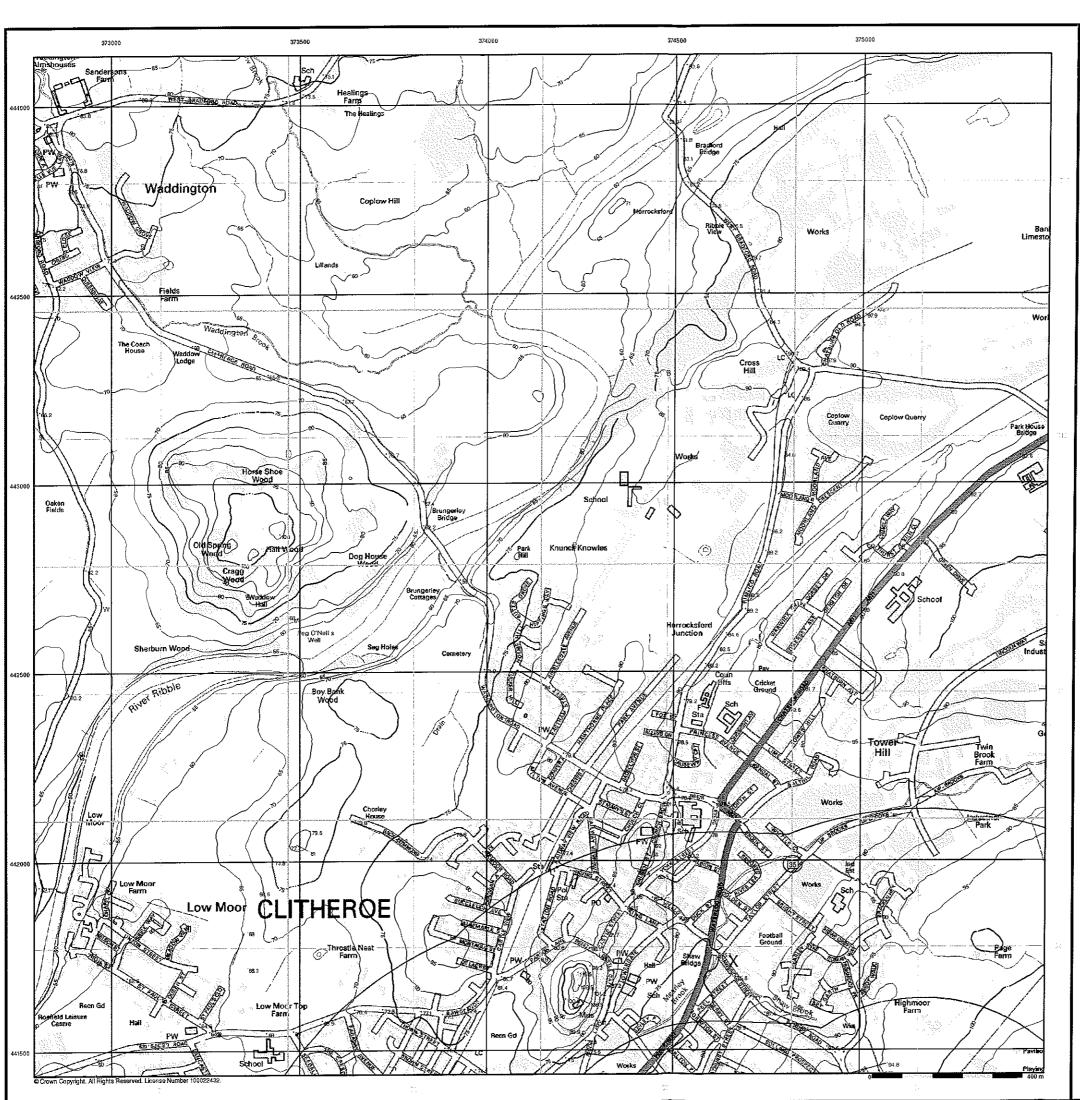
Site Details

Site at, Clitheroe, Lancashire



0844 844 9952 0844 844 9951

A Landmark Information Group Service v47.0 25-Apr-2012 Page 5 of 6





- Specified Site
- Specified Buffer(s)
- X Bearing Reference Point
- 8 Map ID

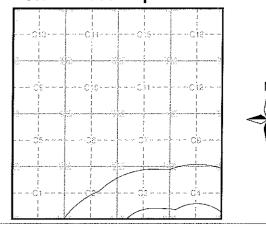
EA Historic Flood Events Data

- Channel Capacity Exceeded (no raised defences)
- Obstruction/Blockage Culvert
- Groundwater/High Water Table
- Obstruction/Blockage Debris Screen
- Local Drainage/Surface Water
- Operational Failure/ Breach of Defence
- Mechanical Failure
- Other
- Obstruction/Blockage Bridge
- Overtopping of Defences
- Obstruction/Blockage Channel
- Unknown
- Historical Flood Liabilities

Contours (height in metres)

- Standard Contour -105 Index Contour ---
- "45.8 Air Height

EA Historic Flood Map - Slice C



Order Details

Order Number: 38714560_1_1 Customer Ref: 29421-09-po244230 National Grid Reference: 374660, 441730

Slice:

Site Area (Ha): 51.39 Search Buffer (m): 1000

Site Details

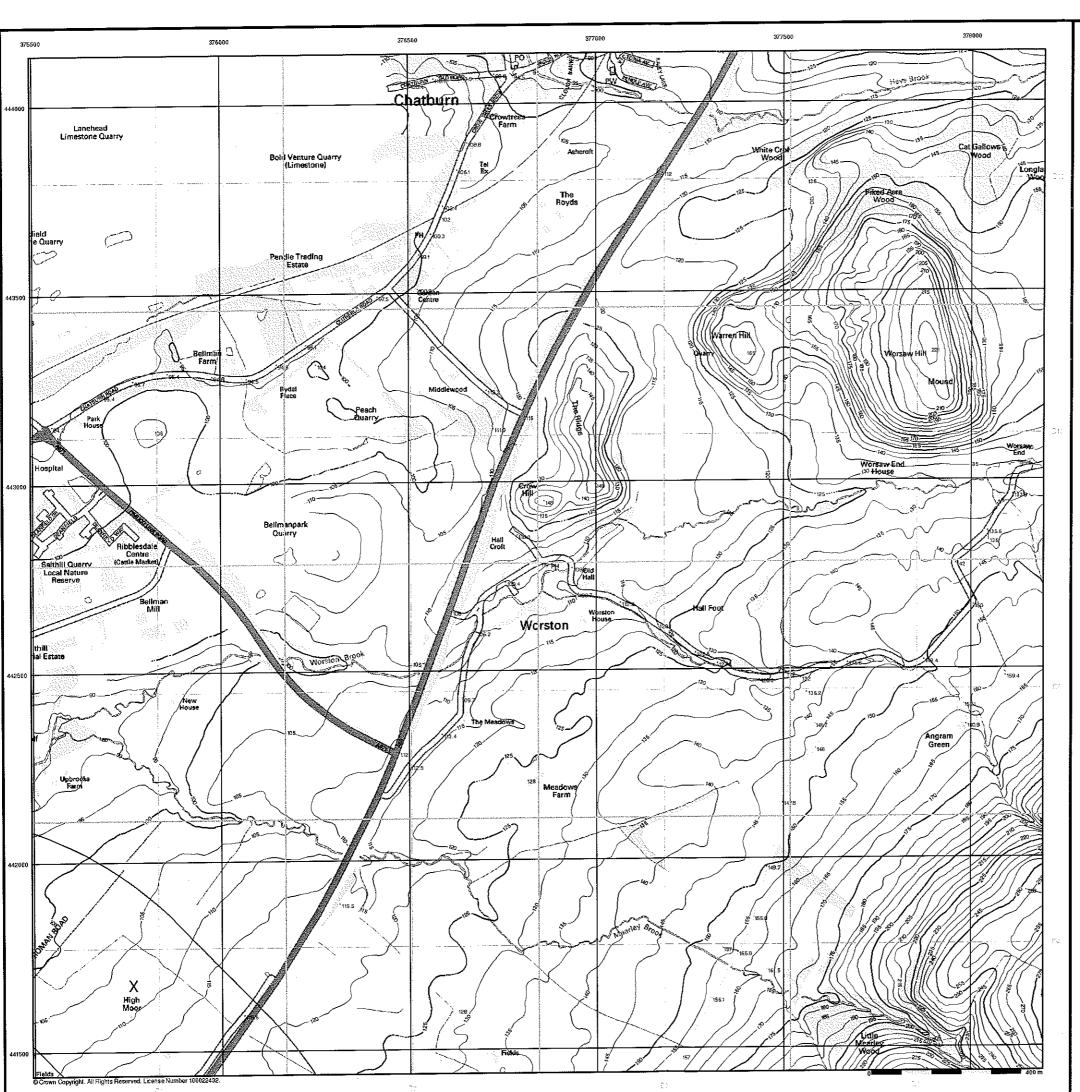
Site at, Clitheroe, Lancashire



0844 844 9952 0844 844 9951

A Landmark Information Group Service v47.0 25-Apr-2012 Page 6 of 6

			*





- Specified Site
- Specified Buffer(s)
- X Bearing Reference Point

Environment Agency Flood Data

Extreme Flooding from Rivers or Sea without Defences (Zone 2)

Flooding from Rivers or Sea without Defences (Zone 3)

Area Benefiting from Flood Defence

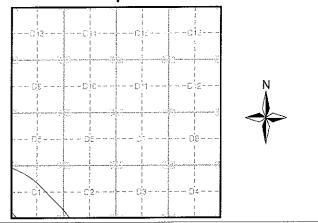
Flood Water Storage Areas

- - Flood Defence

Contours (height in metres)

Standard Contour 105 1678 Spot Height 1678 Air Height

EA Flood Data Map - Slice D



Order Details

Order Number: 38714560_1_1
Customer Ref: 29421-09-po244230
National Grid Reference: 375760, 441670
Slice: D
Site Area (Ha): 51.39

Search Buffer (m):
Site Details

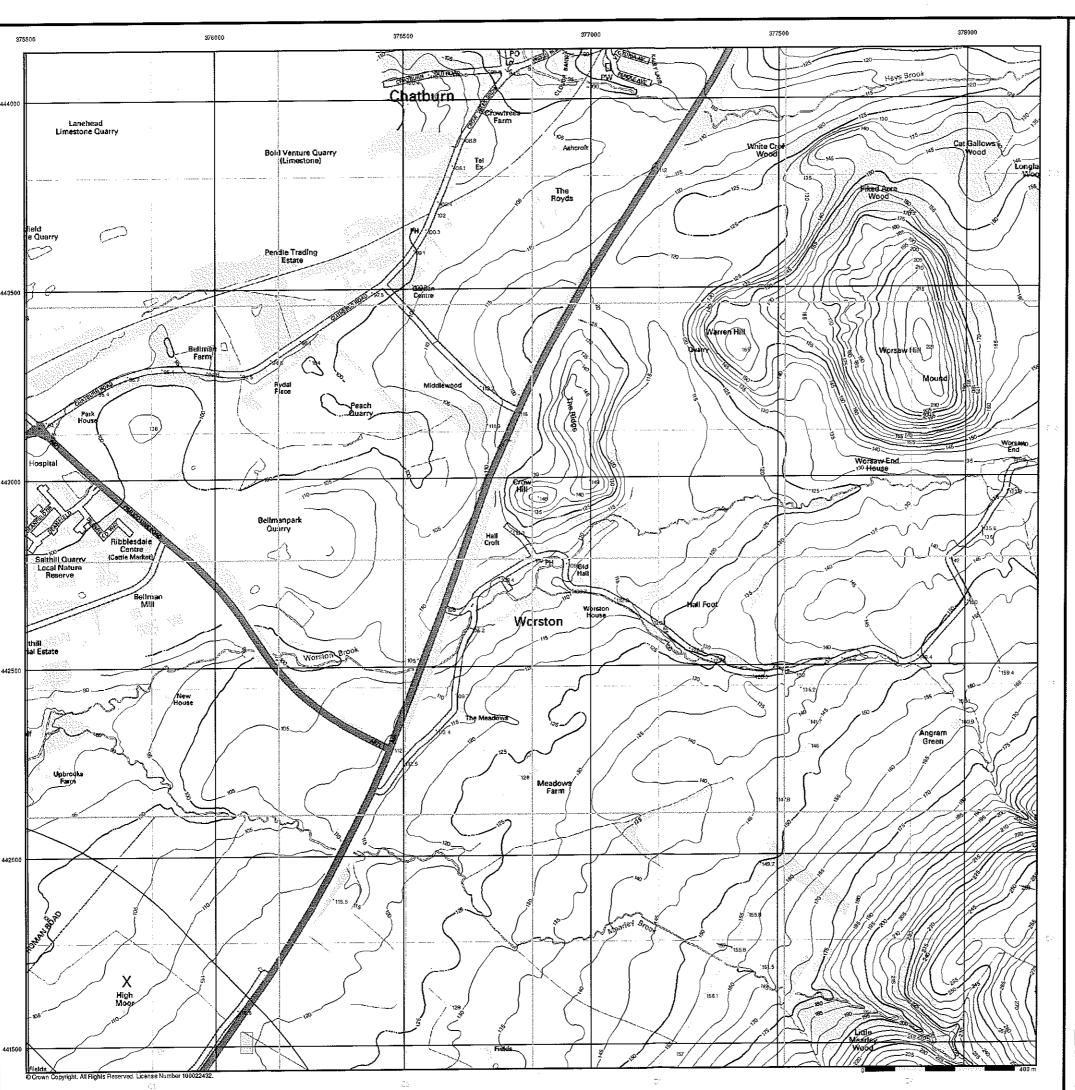
Site at, Clitheroe, Lancashire



0844 844 9952 : 0844 844 9951 b: www.envirocheck.ca

A Landmark Information Group Service v47.0 25-Apr-2012 Page 1 of 6

		;;;;;;;;;;;;;;;;;;;;;;;;;;;;;;;;;;;;;;
		** The state of th





- Specified Site
- Specified Buffer(s)
- X Bearing Reference Point

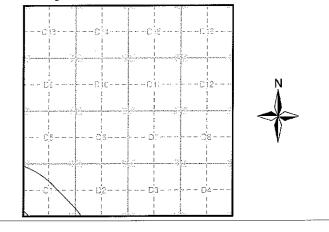
RMS 75 year Return Flood Data

Flood Depth (mm)	Defended Flood	Flood Type Undefended Flood	Pluvial & Minor River Flood (flood depth n/a)
0 - 200		\square	
201 - 500		\square	
501 - 2000		\square	
2001 +		\square	

Contours (height in metres)



RMS 75 year Return Flood Map - Slice D



Order Details

Order Number: 38714560_1_1
Customer Ref: 29421-09-po244230
National Grid Reference: 375760, 441670

Site Area (Ha): Search Buffer (m): 51.39 1000

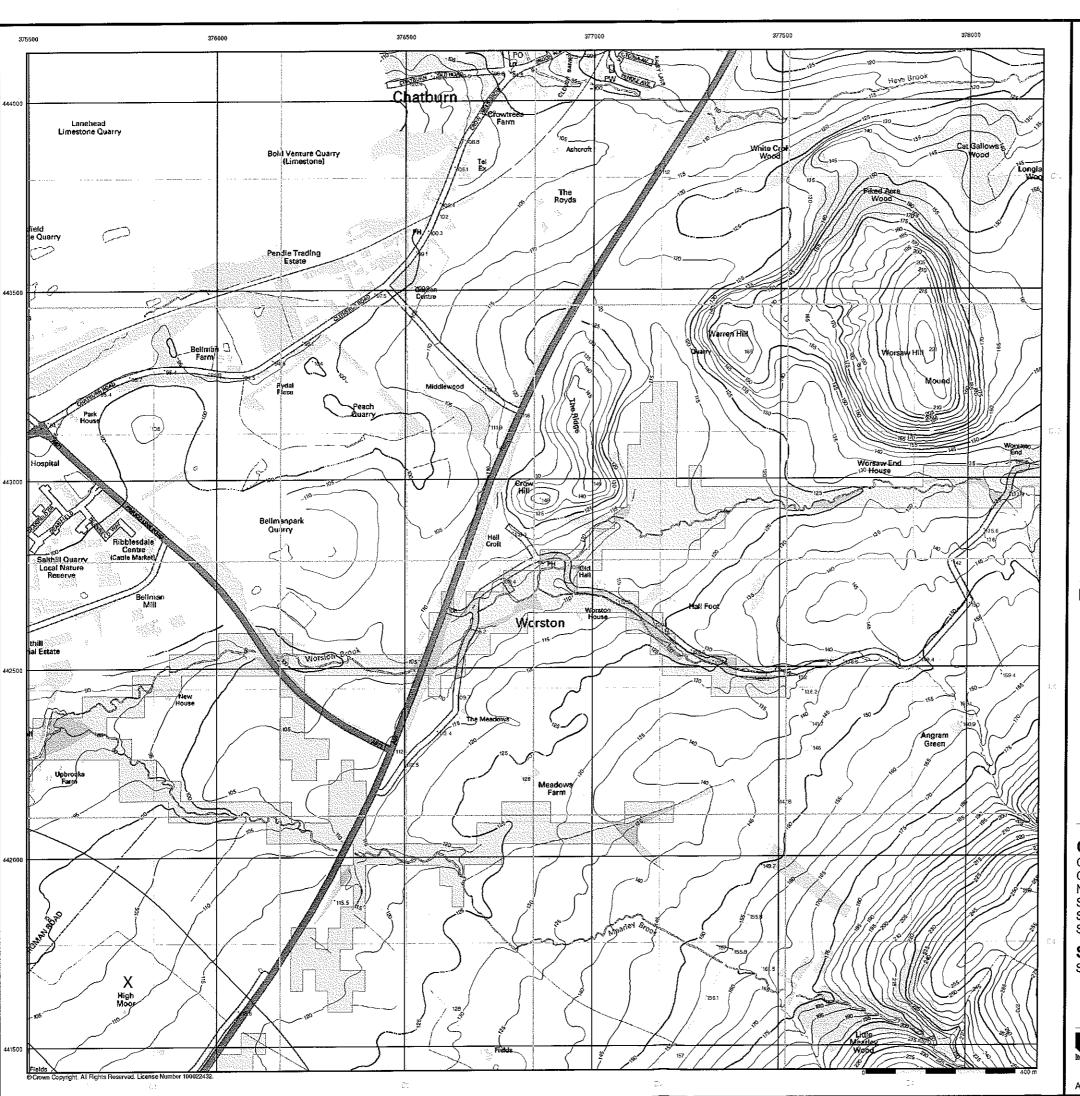
Site Details

Site at, Clitheroe, Lancashire



A Landmark Information Group Service v47.0 25-Apr-2012 Page 2 of 6

				um t S





- Specified Site
- Specified Buffer(s)
- X Bearing Reference Point

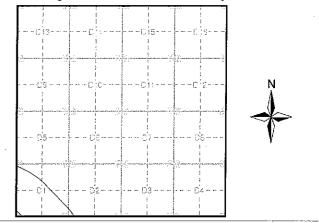
RMS 100 year Return Flood Data

Flood Depth (mm)	Defended Flood	Flood Type Undefended Flood	Pluvial & Minor River Flood (flood depth n/a)
0 - 200			
201 - 500			
501 - 2000		\boxtimes	
2001 +		\square	

Contours (height in metres)



RMS 100 year Return Flood Map - Slice D



Order Details

Order Number: 38714560_1_1
Customer Ref: 29421-09-po244230
National Grid Reference: 375760, 441670

Site Area (Ha): Search Buffer (m): 51.39

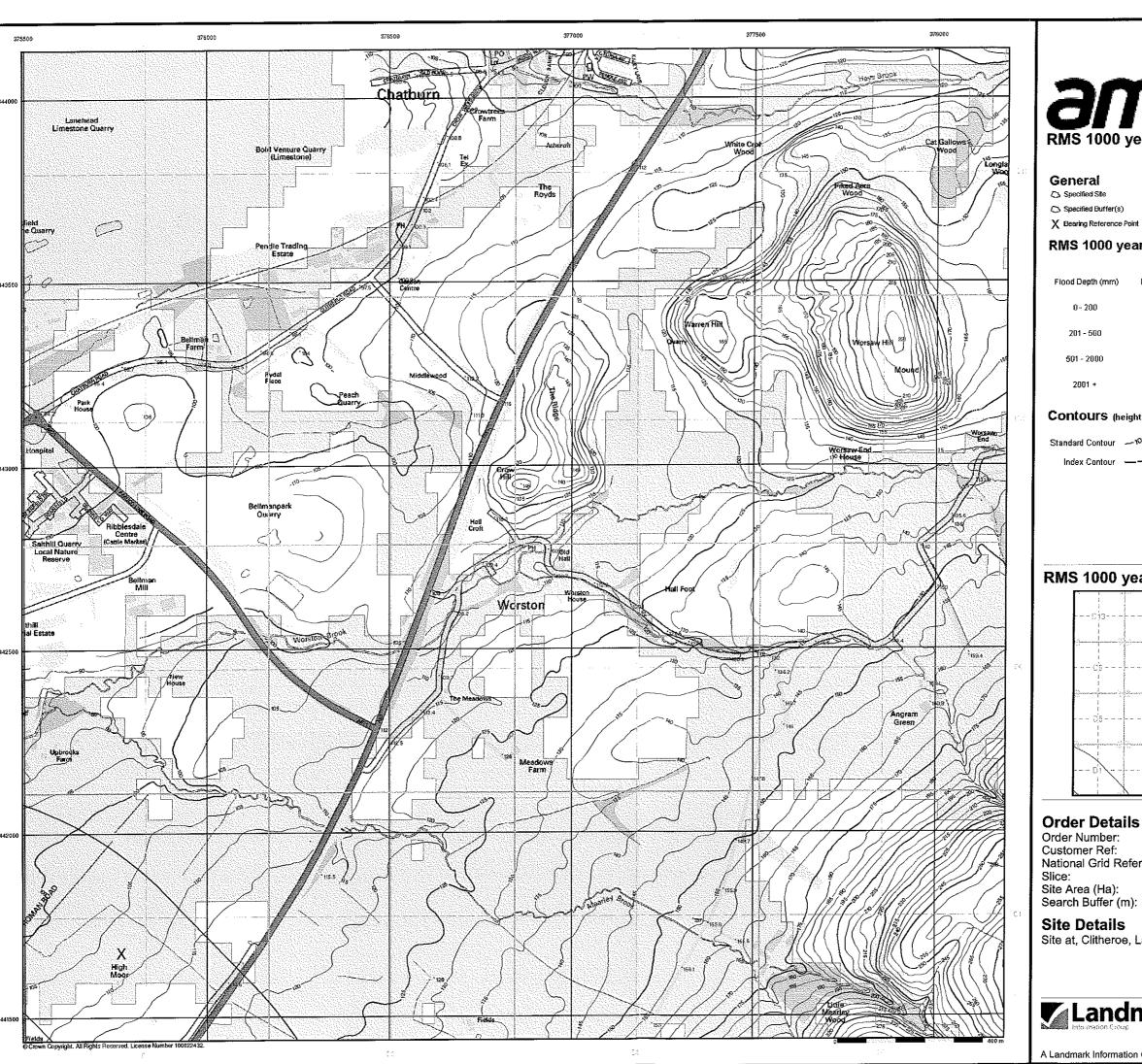
Site Details

Site at, Clitheroe, Lancashire



A Landmark Information Group Service v47.0 25-Apr-2012 Page 3 of 6

		, and a
		many (ANN) distribution of the second of the





- Specified Site
- Specified Buffer(s)
- X Bearing Reference Point

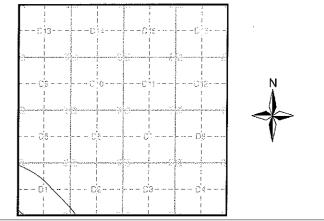
RMS 1000 year Return Flood Data

Flood Depth (mm)	Defended Flood	Fiood Type Undefended Flood	Pluvial & Minor River Flood (flood depth n/a)
0 - 200		\boxtimes	(iiiiiiiiiiiiiiiiiiiiiiiiiiiiiiiiiiiii
201 - 500		\square	
501 - 2000		\square	
2001 +		\square	

Contours (height in metres)



RMS 1000 year Return Flood Map - Slice D



Order Details

Order Number: 38714560_1_1
Customer Ref: 29421-09-po244230
National Grid Reference: 375760, 441670 Site Area (Ha): 51.39

Site Details

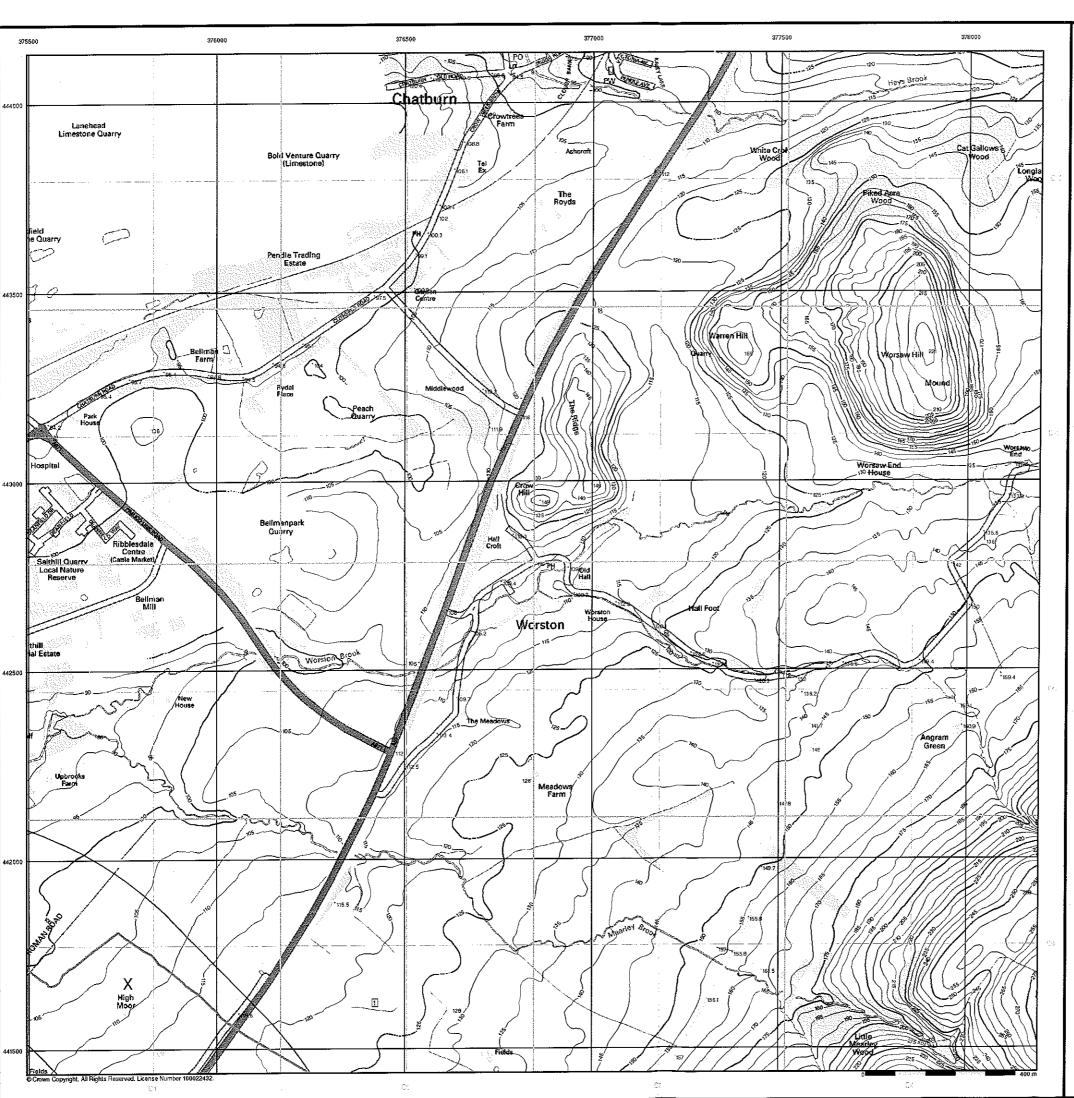
Site at, Clitheroe, Lancashire



0844 844 9952 0844 844 9951 www.envirocheck.co.uk

A Landmark Information Group Service v47.0 25-Apr-2012 Page 4 of 6

			· · · · · · · · · · · · · · · · · · ·





- Specified Site
- Specified Buffer(s)
- X Bearing Reference Point
- OliqaM 🕄

EA Detailed River Network Data

- Extended Culvert (greater than 50m) Secondary River
 - ---- Underground River (inferred) Underground River (local knowledge)
- --- Tertiary River Downstream of High Water Mark
- -- Downstream of Seaward Extension -- Canal Tunnel
 - --- Not assigned River feature Undefined River
- --- Lake/Reservoir
- Source

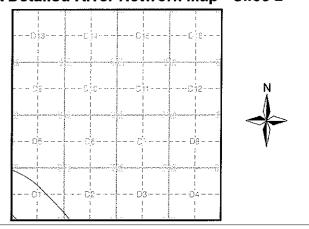
- Sink
- Non-interactive Node
- Not assigned River feature Pseudo Node (general)
- Pseudo Node (High Water Mark) Pseudo Node (OS MasterMap polygon boundary)
- --- Offline Drainage Feature

Contours (height in metres)

Standard Contour -105-

"1673 Spot Height 45.8 Air Height

EA Detailed River Network Map - Slice D



Order Details

Order Number: 38714560_1_1 29421-09-po244230 Customer Ref: National Grid Reference: 375760, 441670 Slice:

Site Area (Ha): 51.39 Search Buffer (m):

Site Details

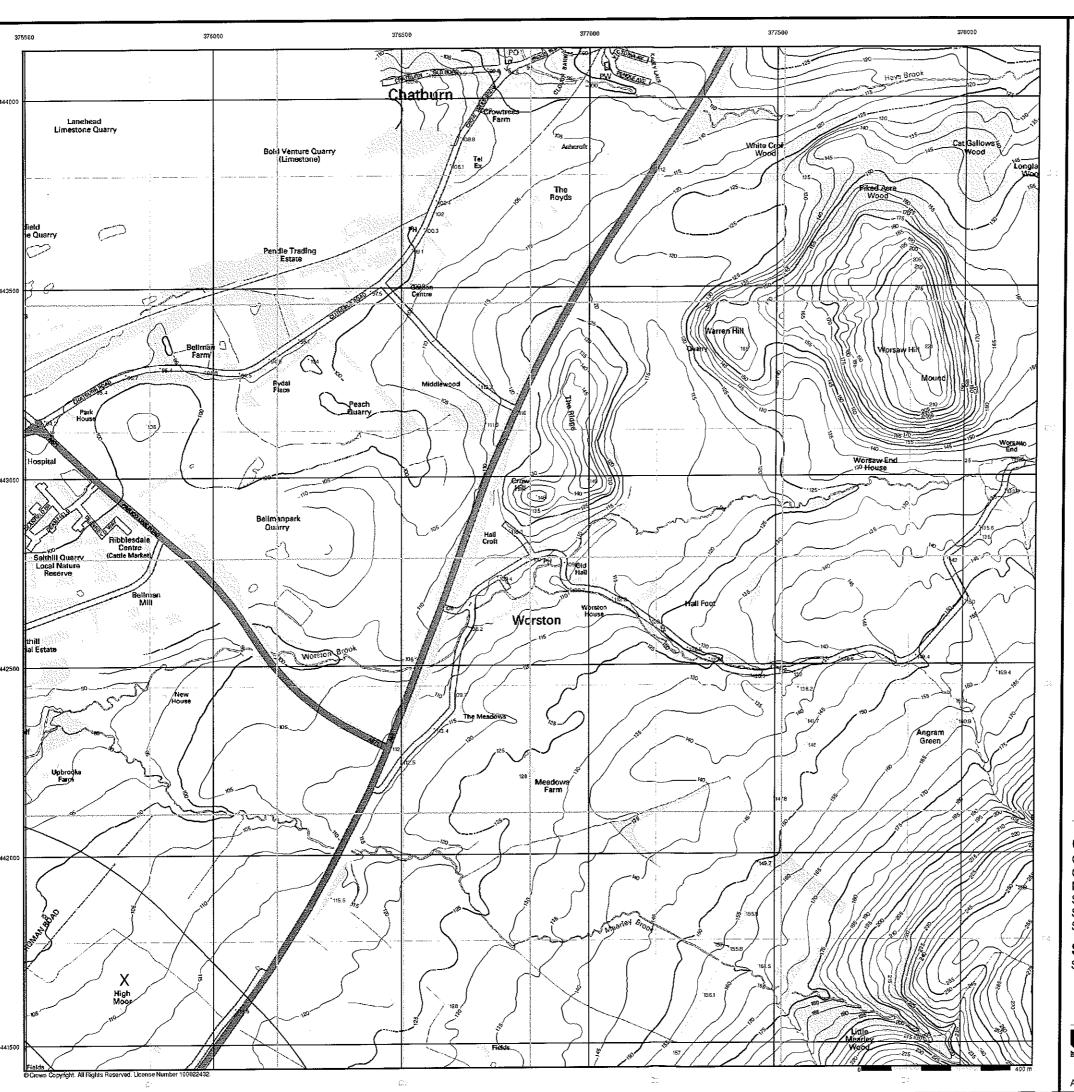
Site at, Clitheroe, Lancashire



0844 844 9952 0844 844 9951

A Landmark Information Group Service v47.0 25-Apr-2012 Page 5 of 6

			i e





- Specified Site
- Specified Buffer(s)
- X Bearing Reference Point
- 8 Map ID

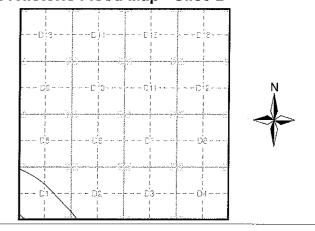
EA Historic Flood Events Data

- Channel Capacity Exceeded (no raised defences)
- Obstruction/Blockage Culvert
- Groundwater/High Water Table
- Obstruction/Blockage Debris Screen
- Local Drainage/Surface Water
- Operational Failure/ Breach of Defence
- Mechanical Failure
- Other
- Obstruction/Blockage Bridge
- Overtopping of Defences
- Obstruction/Blockage Channel
- Unknown
- Historical Flood Liabilities

Contours (height in metres)

- 1673 Spot Height
- '45.8 Air Height

EA Historic Flood Map - Slice D



Order Details

Order Number: 38714560_1_1
Customer Ref: 29421-09-po244230
National Grid Reference: 375760, 441670

Slice:

Site Area (Ha): 51.39 Search Buffer (m): 1000

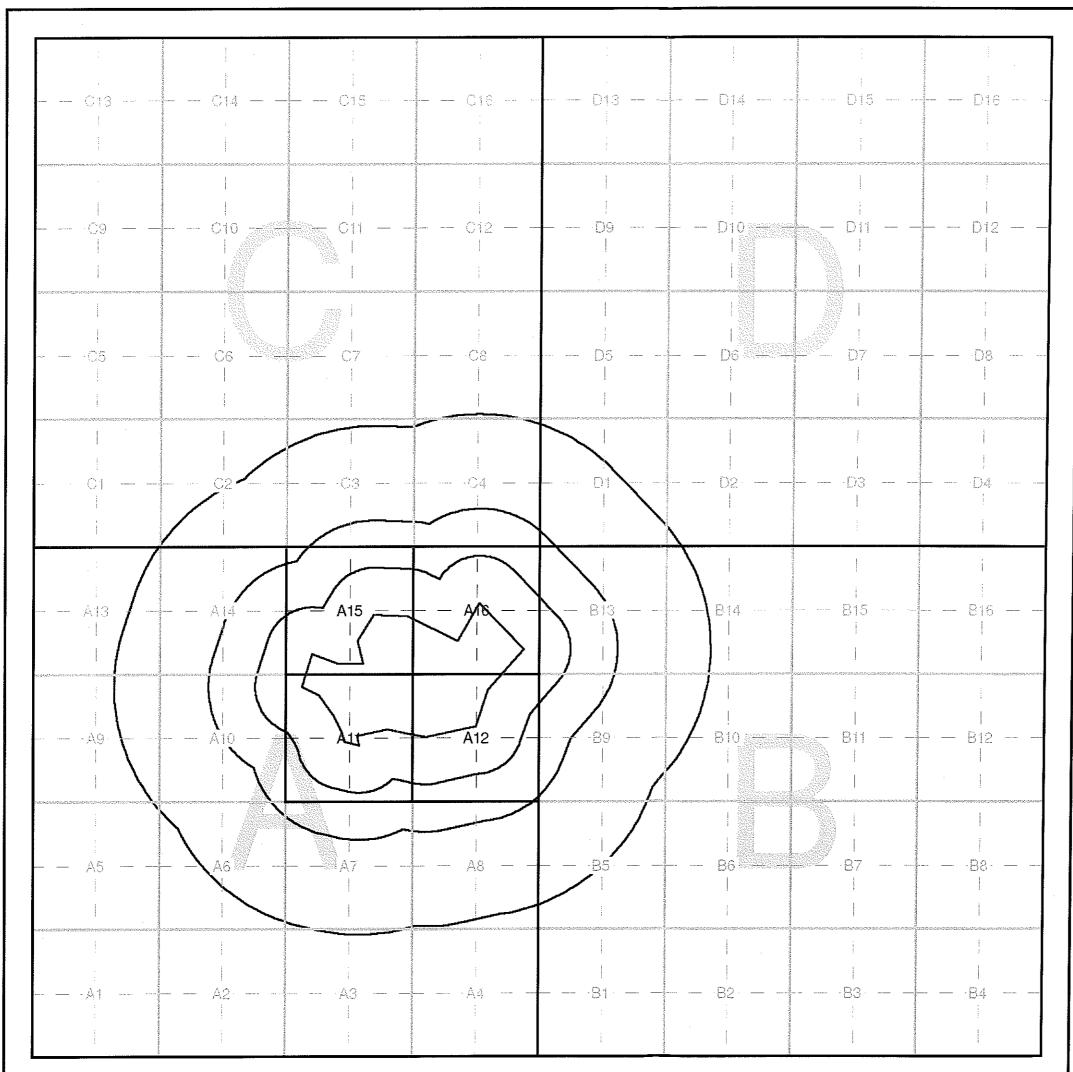
Site Details

Site at, Clitheroe, Lancashire



0844 844 9952 0844 844 9951 www.envirocheck.

A Landmark Information Group Service v47.0 25-Apr-2012 Page 6 of 6





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

Slic

Each slice represents a 1:10,000 plot area (2 7km x 2.7km) for your site and buffer. A large site and buffer may be made up of several slices (represented by a red outline), that are referenced by letters of the aiphabet, starting from the bottom left corner of the slice "grid". This grid does not relate to National Grid lines but is designed to give best fit over the site and buffer

Segment

A segment represents a 1:2.500 plot area. Segments that have plot files associated with them are shown in dark green, others in light blue. These are numbered from the bottom left hand corner within each slice.

Quadran

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

A selection of organisations who provide data within this report:









Envirocheck reports are compiled from 136 different sources of data

Client Details

Mr R Breakspear, AMEC Environment & Infrastructure UK Limited, 155 Aztec West, Park Avenue, Almondsbury, Bristol, BS32 4UB

Order Details

Order Number: 38714560_1_1
Customer Ref: 29421-09-po244230
National Grid Reference: 374820, 440750
Site Area (Ha): 51.39
Search Buffer (m): 1000

Site Details

Site at, Clitheroe, Lancashire

Full Terms and Conditions can be found on the following link: http://www.landmarkinfo.co.uk/Terms/Show/430



Fel: 0844 844 9952 Fax: 0844 844 9951 Web: www.envirocheck.co.uk

A Landmark Information Group Service v47.0 25-Apr-2012