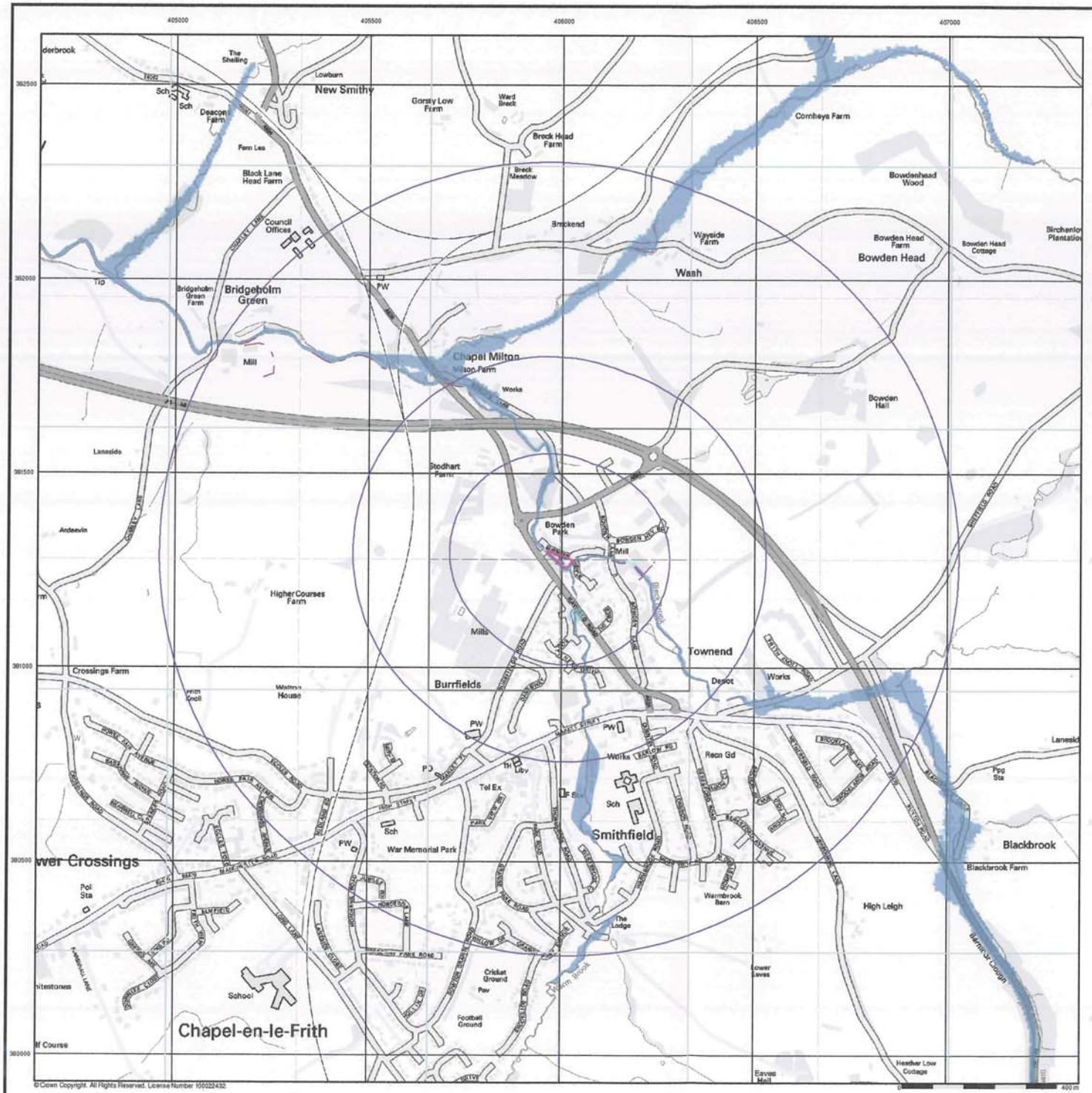
Appendix 2 –
Environment Agency flood data and other correspondence



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Envirocheck®

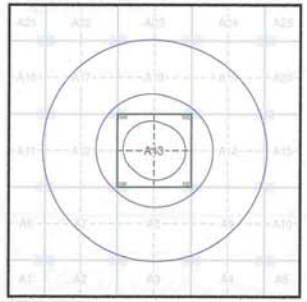
General

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

Agency and Hydrological (Flood)

- 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

Flood Map - Slice A



Order Details

Order Number:	40565862_1_1
Customer Ref:	12/354
National Grid Reference:	405990, 381280
Slice:	A
Site Area (Ha):	0.12
Search Buffer (m):	1000

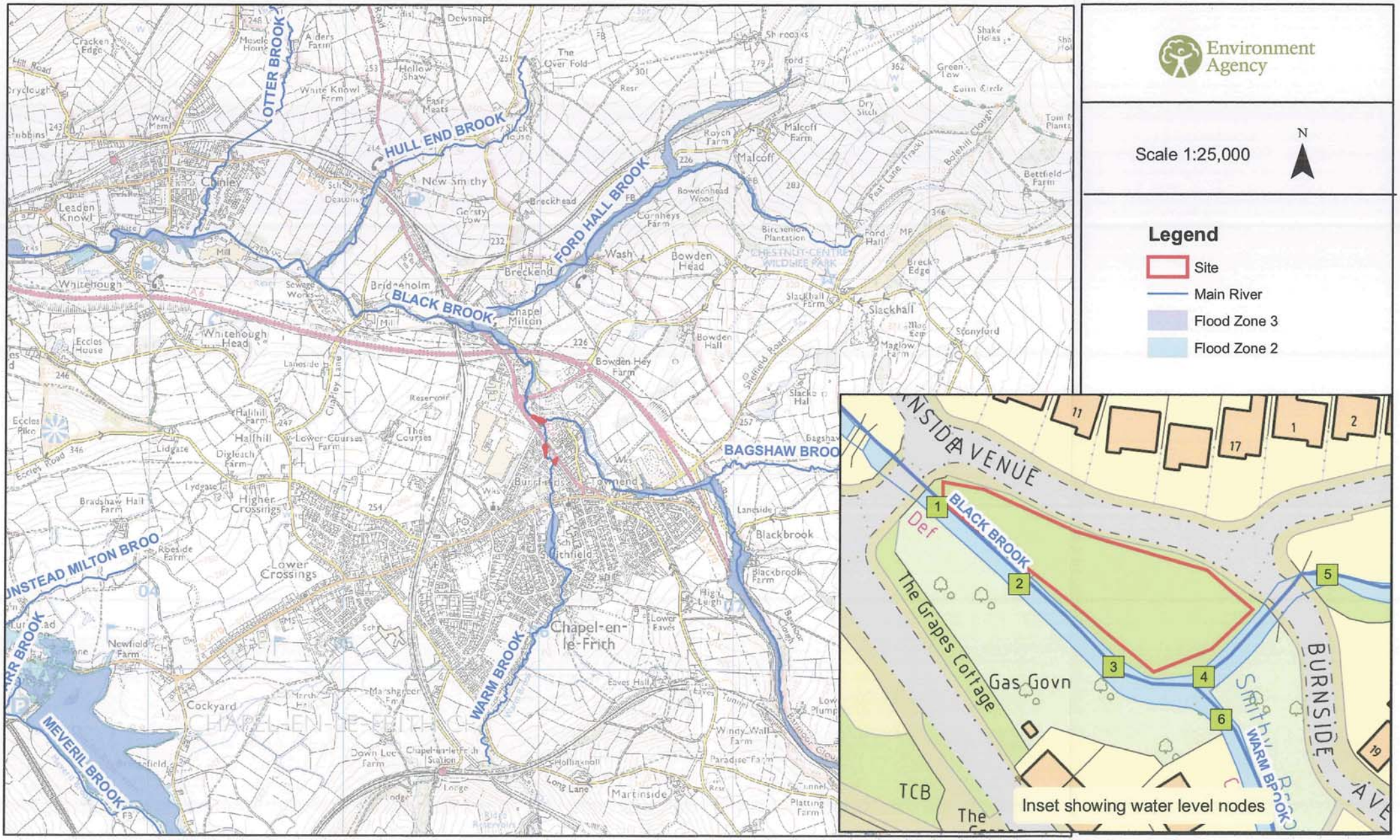
Site Details

36 Burnside Avenue, Chapel-en-le-Frith, HIGH PEAK, Derbyshire, SK23 0BA

Landmark Information Group

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

Detailed map centred on the Appartment Site, Burnside Avenue.
Created on 13th August 2012 [Ref. PRRWAR4845]



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					ea013_BlackBk_2009				ea013_BlackBk_2009_D		ea013_WarmBk_2009		ea013_0105_2010_U	
Map Reference	Model Node Reference	Easting	Northing	Data	5 % AEP (1 in 20 year)	1 % AEP (1 in 100 year)	1 % AEP (1 in 100 year) + Climate Change*	0.1 % AEP (1 in 1000 year)	10 % AEP (1 in 10 year)	1 % AEP (1 in 100 year)	5 % AEP (1 in 20 year)	0.1 % AEP (1 in 1000 year)	1 % AEP (1 in 100 year)	1 % AEP (1 in 100 year) + Climate Change*
1	ea01325_BlackBk_BLA201_M130U	405963.7764	381292.8553	Modelled Water Level (m aod)	207.38	207.62	207.82	208.01	207.29	207.62				
				Modelled Flow (cumecs)	6.15	8.01	9.95	12.02	5.48	8.02				
2	ea01325_BlackBk_BLA201_M130	405980.1511	381277.5797	Modelled Water Level (m aod)	207.45	207.68	207.87	208.05	207.36	207.68				
				Modelled Flow (cumecs)	6.15	8.01	9.95	12.02	5.48	8.02				
3	ea01325_BlackBk_BLA201_M131	405998.9745	381261.1844	Modelled Water Level (m aod)	207.63	207.83	208	208.17	207.55	207.83				
				Modelled Flow (cumecs)	6.16	8.01	9.96	12.02	5.48	8.02				
4	ea01325_BlackBk_BLA201_M131AU	406016.9405	381259.2149	Modelled Water Level (m aod)	207.83	207.99	208.14	208.29	207.76	207.99				
				Modelled Flow (cumecs)	3.9	5.08	6.3	7.6	3.5	5.08				
5	ea01325_BlackBk_BLA201_M132	406041.4201	381279.5191	Modelled Water Level (m aod)	208.07	208.25	208.44	208.62	208.01	208.25				
				Modelled Flow (cumecs)	3.9	5.08	6.3	7.6	3.5	5.08				
6	ea01325_WarmBk_WARM01_0006	406020.3705	381250.7774	Modelled Water Level (m aod)							208.67	209.15		
				Modelled Flow (cumecs)							3.28	7		
6	ea013_Warm_WARM01_0006			Modelled Water Level (m aod)									208.79	208.89
				Modelled Flow (cumecs)									3.97	4.77

Model data taken from the Black Brook 2009 and Warm Brook 2009 and 2010 models

Notes:

AEP - Annual Exceedence Probability
m aod - metres above ordnance datum
cumecs - cubic metres per second
*Climate Change Scenario - 20% increase in flow

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Andy Freeman

From: Pearson, Nick <Nicholas.pearson@environment-agency.gov.uk>
Sent: 22 August 2012 06:03
To: Andy Freeman
Subject: RE: PRRWAR4845

Andrew,

There is a small section closest to the watercourse which is in Flood Zone 3.

Although FZ2 and FZ3 are similar, the FZ2 does extend further into the site covering perhaps 30 - 50% of the site.

Hope that's of use.

Nick

From: Andy Freeman [mailto:andrewfreeman@peak-associates.com]
Sent: 20 August 2012 23:36
To: Pearson, Nick
Cc: 'Jill Jones'
Subject: RE: PRRWAR4845

Hi Nick,

Thank you however I have another query re the flood maps provided. The flood map shows that the apartment site is partially on flood zone 2. I have however read in the High Peak Borough Council Strategic Flood risk assessment that flood zones 2 and 3 are identical near to the black brook/warm brook confluence. Could you please take a look and confirm whether our site is on flood zone 3 as this is not clear from the flood plan supplied.

Regards

Andrew Freeman

From: Pearson, Nick [mailto:Nicholas.pearson@environment-agency.gov.uk]
Sent: 20 August 2012 08:00
To: Andy Freeman
Subject: RE: PRRWAR4845

Ah apologies the scale didn't automatically correct - yes, they are 1:10000. I'm afraid we cannot zoom in beyond 1:10000 (and using OS Basemapping 25k) as they are meant to be used as indicative only.

Nick

From: Andy Freeman [mailto:andrewfreeman@peak-associates.com]
Sent: 19 August 2012 23:50
To: Pearson, Nick
Subject: RE: PRRWAR4845

Click here to report this email as spam.

Hi Nick,

Thank you for the maps. Is this as far as you can zoom in, and if so what is the scale as it still says 1:25,000 on the maps

Thanks

Andrew Freeman

From: Pearson, Nick [mailto:Nicholas.pearson@environment-agency.gov.uk]
Sent: 20 August 2012 07:40
To: Andrew Freeman
Subject: PRRWAR4845

Andrew,

I found my colleagues GIS projects so it was fairly easy to change the resolution.

Please find attached.

Any further questions, please let me know.

Nick

Nick Pearson
Advisor
Partnerships and Strategic Overview (Greater Manchester)
Environment Agency | Richard Fairclough House, Knutsford Road, Warrington WA4 1HT
Tel: 01925 542406 | Mobile: 07771944930 | E-mail: nicholas.pearson@environment-agency.gov.uk

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