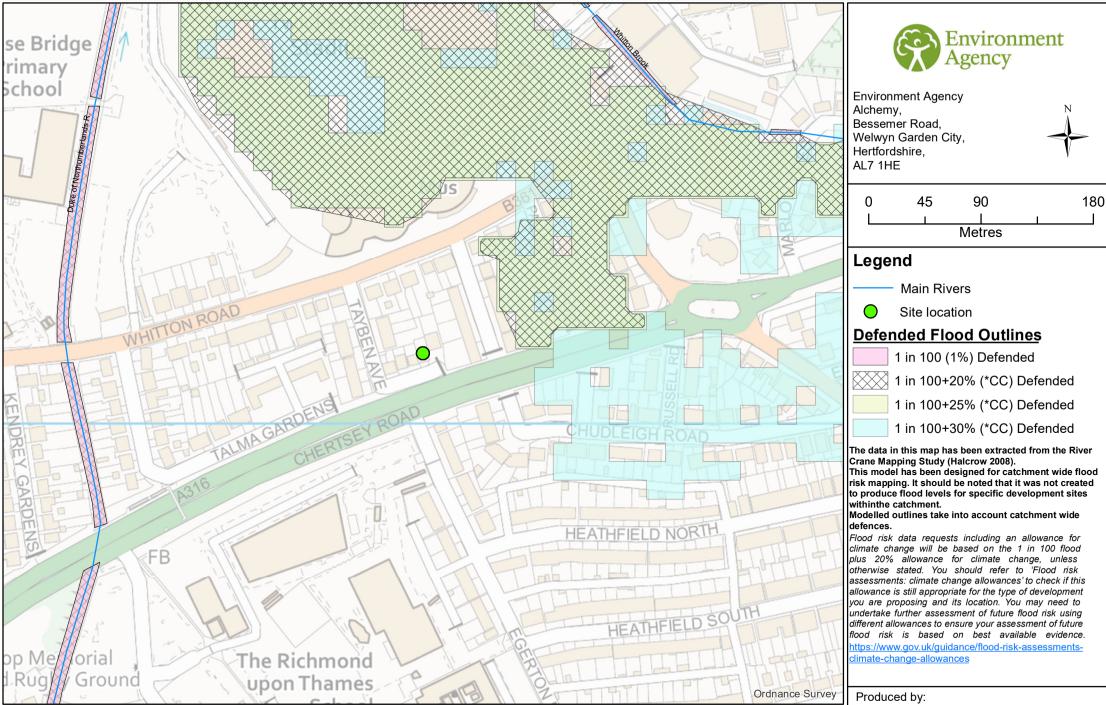


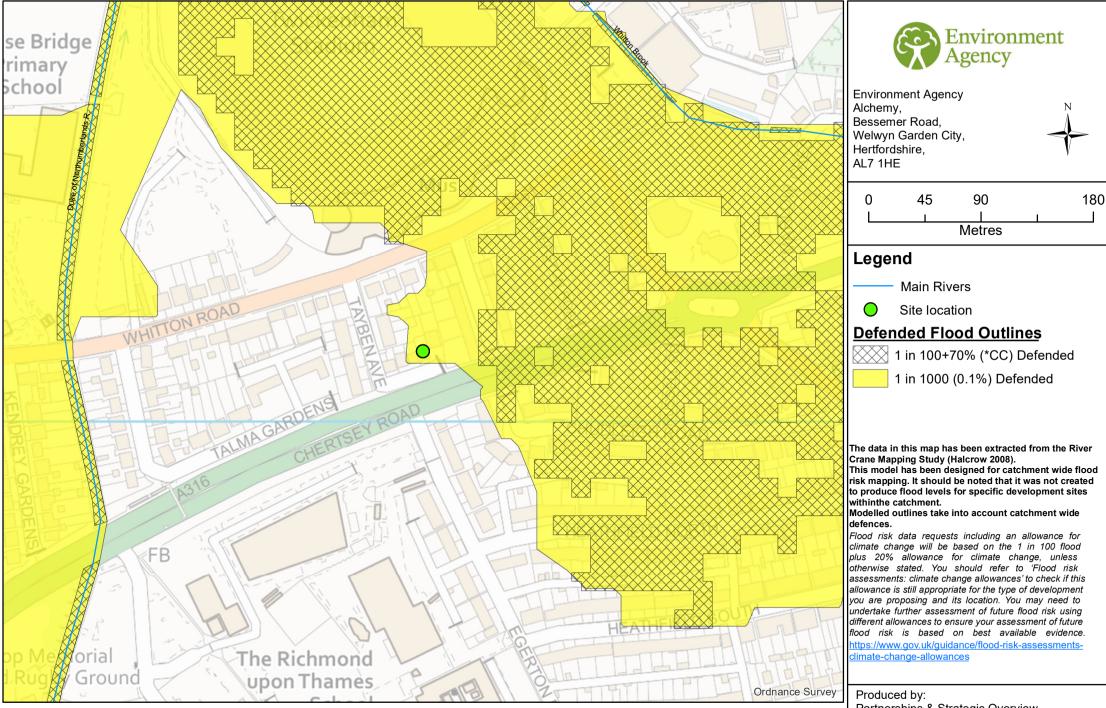
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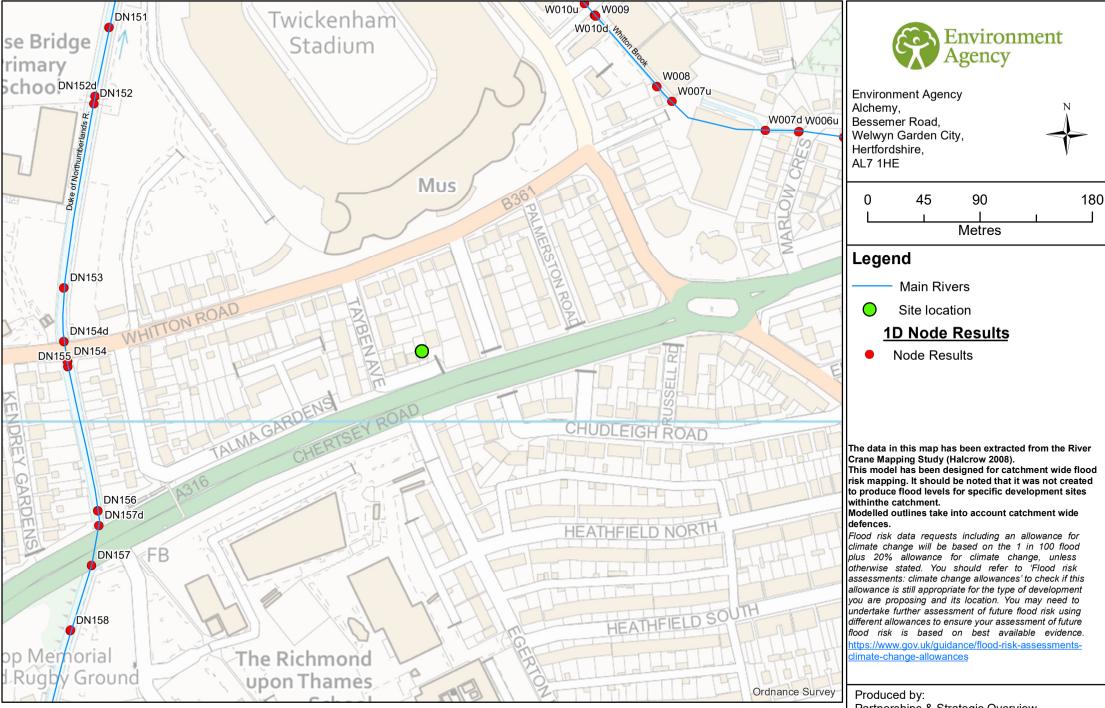
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### **Environment Agency ref: HNL 281359 JH**

The following information has been extracted from the River Crane Mapping Study (Halcrow 2008)

Flood risk data requests including an allowance for climate change will be based on the 1 in 100 flood plus 20% allowance for climate change, unless otherwise stated. You should refer to 'Flood risk assessments: climate change allowances' to check if this allowance is still appropriate for the type of development you are proposing and its location. You may need to undertake further assessment of future flood risk using different allowances to ensure your assessment of future flood risk is based on best available evidence.

https://www.gov.uk/guidance/flood-risk-assessments-climate-change-allowances

#### Caution:

The modelled flood levels and extents are appropriate for catchment wide strategic flood risk mapping. However, for more detailed flood risk assessment it is recommended that each of the underlying flood mapping, hydraulic modelling and hydrological assumptions are reevaluated to determine the appropriateness in a more detailed analysis.

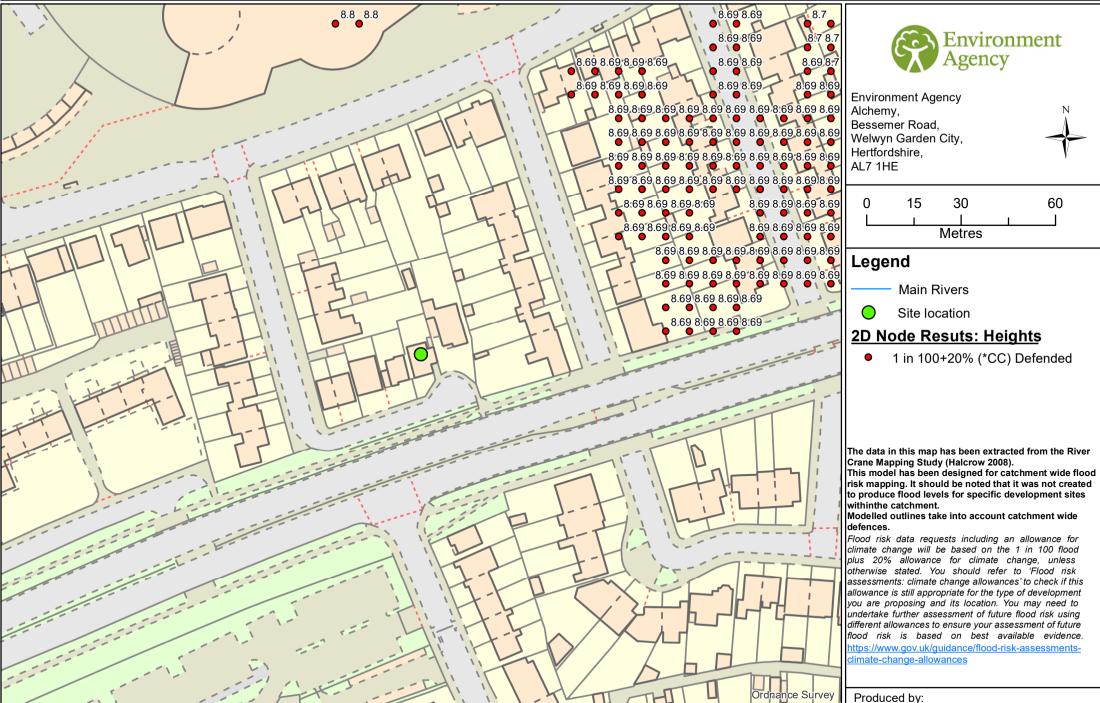
All flood levels are given in metres Above Ordnance Datum (mAOD) All flows are given in cubic metres per second (cumecs)

### MODELLED FLOOD LEVEL

III OB LELED !	Return Period											
Node Label	Easting	Northing	5 yr	10 yr	20 yr	50 yr	100 yr		100yr + 25%	100yr + 35%	100yr + 70%	1000yr
W010u	515522	174334	7.65	7.66	7.68	7.72	7.74	7.78	7.79	7.81	8.51	9.14
W010d	515522	174334	7.65	7.66	7.67	7.71	7.74	7.78	7.79	7.81	8.41	9.01
W009	515531	174324	7.62	7.62	7.64	7.68	7.70	7.74	7.75	7.77	8.37	9.00
W008	515580	174268	7.35	7.36	7.37	7.40	7.42	7.46	7.47	7.53	8.02	8.96
W007u	515592	174256	7.26	7.27	7.28	7.31	7.33	7.36	7.37	7.42	7.88	8.95
W007d	515592	174256	7.00	7.01	7.02	7.04	7.05	7.07	7.11	7.14	7.38	8.15
W006u	515693	174232	6.85	6.86	6.86	6.89	6.90	6.92	6.86	6.90	7.14	8.15
W006d	515693	174232	6.70	6.70	6.71	6.73	6.74	6.76	6.76	6.85	7.11	8.14
DN158	515110	173834	9.66	9.73	9.78	9.83	9.86	9.92	9.90	10.03	10.08	10.26
DN157	515126	173885	9.65	9.72	9.77	9.82	9.85	9.92	9.90	10.02	10.07	10.27
DN157d	515126	173885	9.65	9.72	9.77	9.82	9.85	9.91	9.90	10.02	10.07	10.26
DN156	515132	173929	9.63	9.71	9.75	9.80	9.83	9.90	9.88	9.99	10.05	10.26
DN155	515106	174044	9.61	9.68	9.73	9.78	9.81	9.87	9.86	9.97	10.03	10.25
DN154	515104	174048	9.61	9.68	9.72	9.77	9.80	9.86	9.86	9.96	10.03	10.24
DN154d	515104	174048	9.61	9.68	9.72	9.77	9.80	9.86	9.86	9.96	10.03	10.24
DN153	515104	174107	9.59	9.66	9.70	9.75	9.78	9.84	9.84	9.93	10.00	10.19
DN152	515129	174254	9.54	9.61	9.65	9.70	9.72	9.78	9.79	9.85	9.92	10.07
DN152d	515129	174254	9.54	9.61	9.65	9.70	9.72	9.78	9.79	9.85	9.92	10.07
DN151	515140	174316	9.51	9.58	9.61	9.67	9.69	9.75	9.76	9.81	9.88	10.01

### MODELLED FLOWS

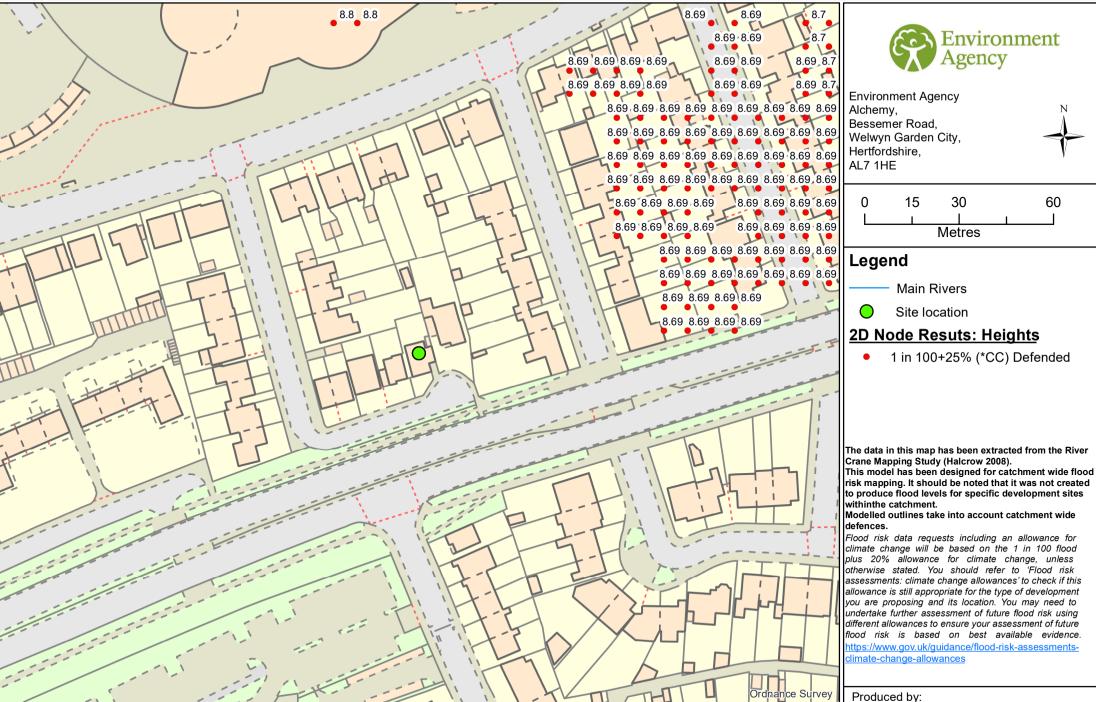
MODELLED			Return Period										
Node Label	Easting	Northing	5 yr	10 yr	20 yr	50 yr	100 yr	100yr + 20%		100yr + 35%	100yr + 70%	1000yr	
W010u	515522	174334	0.20	0.20	0.22	0.26	0.29	0.33	0.34	0.37	1.27	1.79	
W010d	515522	174334	0.20	0.20	0.22	0.26	0.29	0.33	0.34	0.37	1.27	1.79	
W009	515531	174324	0.20	0.20	0.22	0.26	0.29	0.33	0.34	0.37	1.27	1.78	
W008	515580	174268	0.20	0.20	0.22	0.26	0.29	0.33	0.34	0.37	1.26	1.87	
W007u	515592	174256	0.20	0.20	0.22	0.26	0.29	0.33	0.34	0.42	1.32	2.27	
W007d	515592	174256	0.20	0.20	0.22	0.26	0.29	0.33	0.34	0.42	1.32	2.27	
W006u	515693	174232	0.20	0.20	0.22	0.26	0.29	0.33	0.34	0.42	1.32	2.27	
W006d	515693	174232	0.20	0.20	0.22	0.26	0.29	0.33	0.34	0.42	1.32	2.26	
DN158	515110	173834	2.74	3.29	3.57	3.86	4.13	4.56	4.36	5.78	6.19	6.30	
DN157	515126	173885	2.74	3.29	3.57	3.86	4.13	4.57	4.36	5.77	6.18	6.20	
DN157d	515126	173885	2.74	3.29	3.57	3.86	4.13	4.57	4.36	5.77	6.18	6.20	
DN156	515132	173929	2.74	3.29	3.57	3.86	4.13	4.57	4.37	5.76	6.17	6.20	
DN155	515106	174044	2.74	3.29	3.57	3.86	4.13	4.57	4.37	5.75	6.16	6.20	
DN154	515104	174048	2.74	3.29	3.57	3.86	4.13	4.57	4.37	5.75	6.16	6.20	
DN154d	515104	174048	2.89	3.38	3.65	3.99	4.21	4.75	4.57	5.85	6.50	9.90	
DN153	515104	174107	2.89	3.38	3.65	3.99	4.21	4.75	4.57	5.85	6.49	9.90	
DN152	515129	174254	2.89	3.38	3.65	3.99	4.21	4.75	4.57	5.84	6.50	9.90	
DN152d	515129	174254	2.89	3.38	3.65	3.99	4.21	4.75	4.57	5.84	6.50	9.90	
DN151	515140	174316	2.89	3.38	3.65	3.99	4.21	4.75	4.57	5.84	6.51	9.90	



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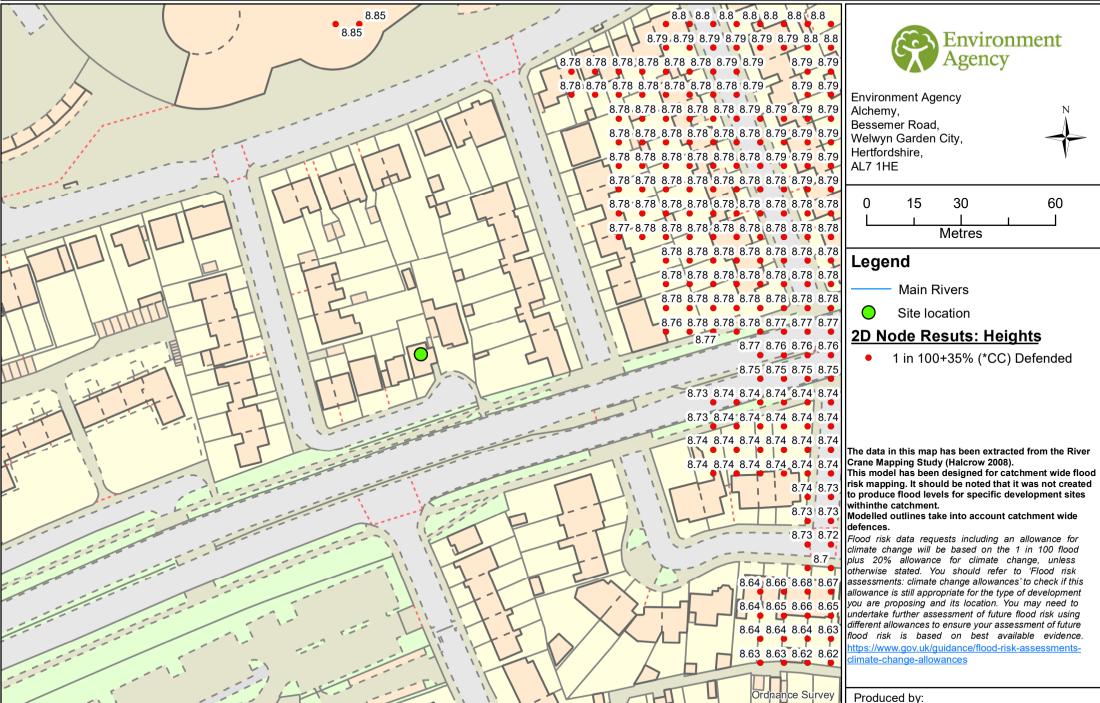
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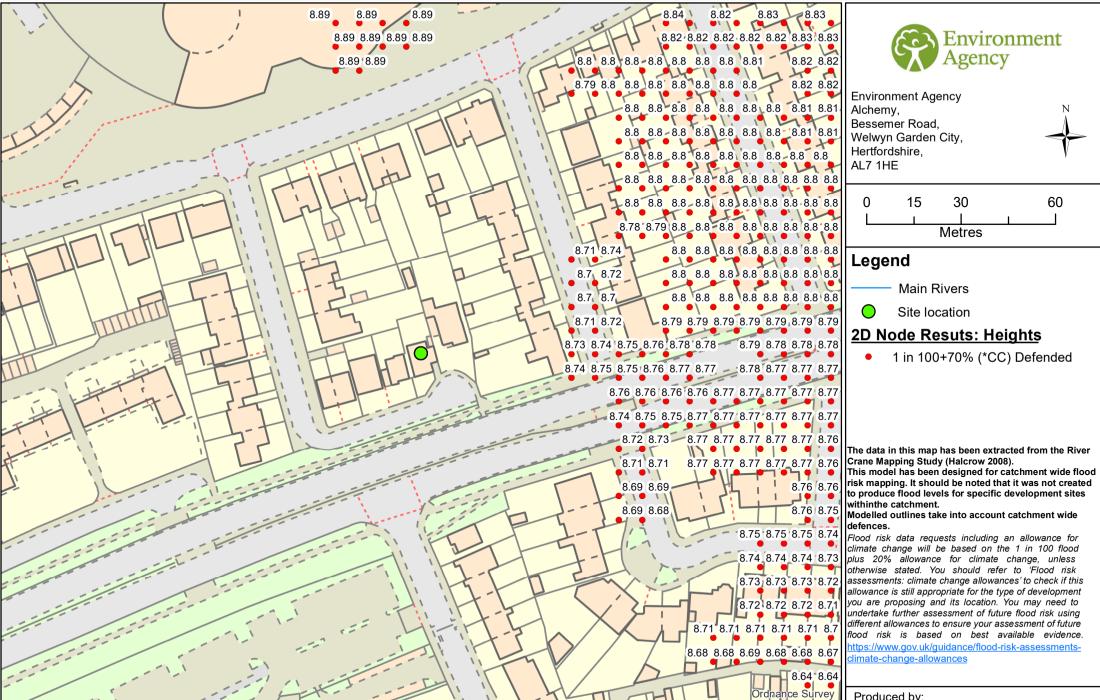
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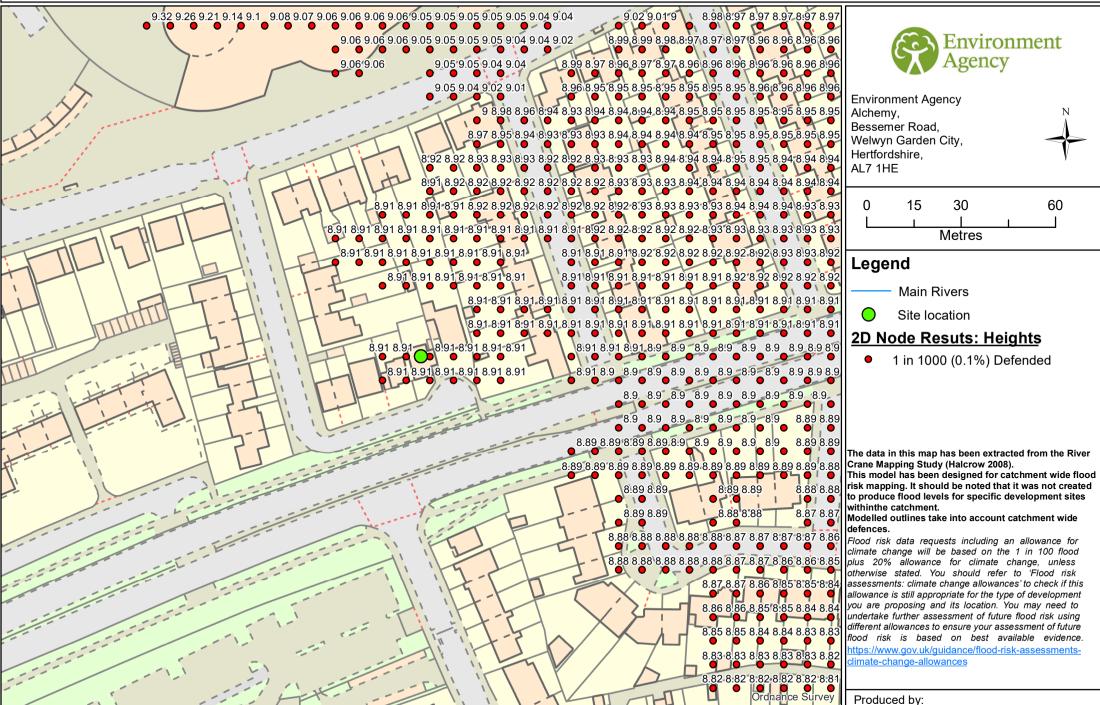
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