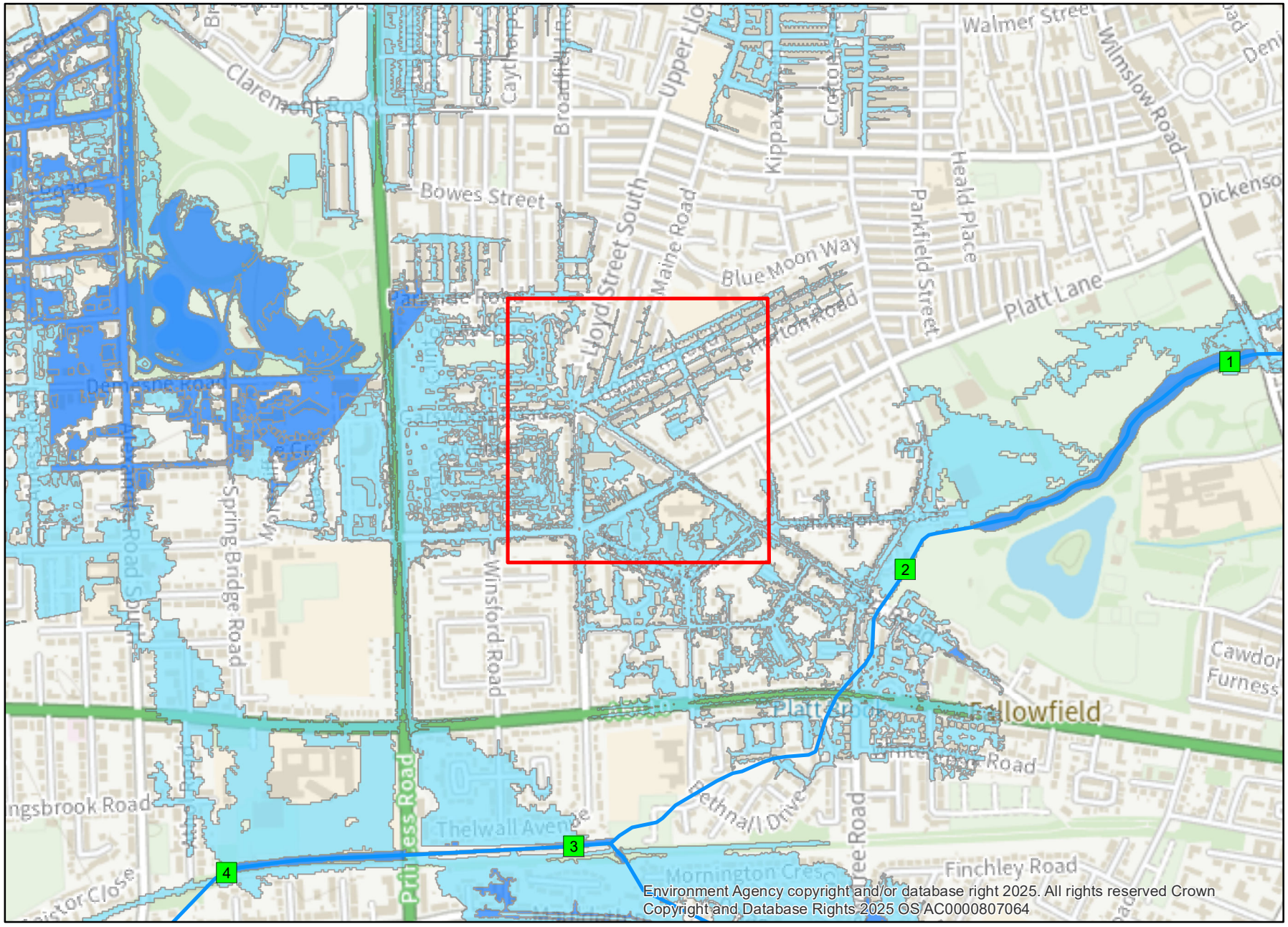
Appendix E Environment Agency's Data and Information

Detailed Flood Map Centred on Hart Road, Manchester, M14 7LD.
Created 07/07/2025 [EIR2025/16573]



Environment Agency

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Legend

- Site Location
- Model Measurements
- Main River
- Flood Zone 2
- Flood Zone 3

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					Undefended													Defended												
Map Reference	Model Node Reference	Easting	Northing	Data	50 % AEP (1 in 2 year)	20 % AEP (1 in 5 year)	10 % AEP (1 in 10 year)	5 % AEP (1 in 20 year)	2 % AEP (1 in 50 year)	1.33 % AEP (1 in 75 year)	1 % AEP (1 in 100 year)	1 % AEP (1 in 100 year) + 41% increase in flow	1 % AEP (1 in 100 year) + 53% increase in flow	1 % AEP (1 in 100 year) + 85% increase in flow	0.5 % AEP (1 in 200 year)	0.1 % AEP (1 in 1000 year)	0.1 % AEP (1 in 1000 year) + 53% increase in flow	50 % AEP (1 in 2 year)	20 % AEP (1 in 5 year)	10 % AEP (1 in 10 year)	5 % AEP (1 in 20 year)	2 % AEP (1 in 50 year)	1.33 % AEP (1 in 75 year)	1 % AEP (1 in 100 year)	1 % AEP (1 in 100 year) + 41% increase in flow	1 % AEP (1 in 100 year) + 53% increase in flow	1 % AEP (1 in 100 year) + 85% increase in flow	0.5 % AEP (1 in 200 year)	0.1 % AEP (1 in 1000 year)	0.1 % AEP (1 in 1000 year) + 53% increase in flow
1	ea013_03317_06352d	385384	394731	Modelled Water Level (m aodN)	35.40	35.59	35.73	35.86	36.08	36.29	36.48	36.84	36.98	36.95	36.73	36.97	37.14	35.40	35.59	35.73	35.86	36.10	36.37	36.54	36.86	36.89	36.96	36.75	36.98	37.14
				Modelled Flow (cumecs)	5.73	8.32	10.28	12.43	14.88	15.71	16.06	16.79	16.82	16.89	16.90	17.22	17.94	5.73	8.32	10.28	12.43	14.87	15.77	16.75	16.77	16.81	16.90	16.61	17.23	17.95
2	ea013_03317_06735	384798	394358	Modelled Water Level (m aodN)	33.35	33.66	33.89	34.14	35.01	35.30	35.41	35.66	35.69	35.77	35.55	35.78	35.97	33.35	33.66	33.89	34.15	35.11	35.47	35.56	35.78	35.80	35.88	35.68	35.91	36.13
				Modelled Flow (cumecs)	6.25	9.07	11.19	13.50	15.27	15.86	15.97	15.85	15.87	15.99	15.90	16.05	15.98	6.25	9.07	11.19	13.50	15.17	15.15	15.23	15.17	15.40	15.41	15.17	15.18	15.09
3	ea013_03317_04693	384172	393874	Modelled Water Level (m aodN)	31.44	31.71	31.85	32.00	32.11	32.14	32.15	32.20	32.20	32.23	32.17	32.22	32.26	31.44	31.71	31.87	32.04	32.13	32.14	32.15	32.20	32.21	32.23	32.17	32.23	32.28
				Modelled Flow (cumecs)	12.17	15.38	17.52	19.99	22.48	23.52	24.17	26.14	26.34	26.26	24.98	27.99	31.83	12.20	16.88	19.97	23.40	26.56	27.13	27.72	30.07	30.64	32.03	28.92	31.79	34.97
4	ea013_03317_04050	383558	393790	Modelled Water Level (m aodN)	28.54	28.86	29.79	30.55	30.88	30.93	30.93	31.03	31.05	31.09	31.00	31.10	31.18	28.54	28.86	29.78	30.70	31.01	31.04	31.05	31.11	31.11	31.14	31.06	31.16	31.23
				Modelled Flow (cumecs)	12.40	17.13	20.04	22.07	22.63	22.99	23.06	23.37	23.40	23.46	23.28	23.52	23.60	12.44	17.16	20.20	23.18	24.26	24.43	24.53	24.89	24.94	25.01	24.74	25.05	25.16

Model data taken from Chorlton Platt Gore 2024

AEP - Annual Exceedence Probability

m aodN - metres above ordnance datum Newlyn

cumecs - cubic metres per second

Notes: *Climate Change Scenario - 41%, 53% and 85% increases in flow calculated for the 2080's (2070 - 2115). Please see https://www.gov.uk/guidance/flood-risk-assessments-climate-change-allowances for more information regarding the new climate change guidance. The location of the site and the type (vulnerability) of development determine the climate change allowances to consider in any flood risk assessment.