

Appendix C Environment Agency's Data and Information

Dear Sohan,

Thank you for your enquiry which was received on 30/3/23.

We respond to requests under the Freedom of Information Act 2000 and Environmental Information Regulations 2004.

I enclose the data requested.

Please note there is a modelling update planned in this area.

There are no flood defences in the vicinity of the site.

There is no hazard mapping available for the site.

There is no reservoir flood risk at the site.

We have no records of flooding affecting the site. However, this does not mean flooding has not occurred in the past or that it will not flood in future. We recommend that you also contact United Utilities and Manchester District Council and Trafford District Council who may hold additional information (the former especially in relation to sewer flooding).

Please be aware you can check your risk of flooding on our external website <https://flood-warning-information.service.gov.uk/long-term-flood-risk/>

Here are some useful links below:

<https://www.gov.uk/guidance/flood-risk-assessment-local-planning-authorities>

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

For surface water information please use link: <https://check-long-term-flood-risk.service.gov.uk/map?easting=362125.07&northing=388310.97&map=SurfaceWater>

Please refer to the [Open Government Licence](#) which explains the permitted use of this information.

Please get in touch if you have any further queries or contact us within two months if you'd like us to review the information we have sent.

Kind regards,

Anne Ball
Customer and Engagement Officer
Greater Manchester, Merseyside and Cheshire
Email: inforequests.gmmc@environment-agency.gov.uk

Office address: Richard Fairclough House, Knutsford Road, Latchford, Warrington, WA14 4UW

From: UK Flood Risk <ukfloodrisk@gmail.com>
Sent: 30 March 2023 12:00
To: Enquiries, Unit <enquiries@environment-agency.gov.uk>
Subject: 230407/SSR66 - Request for Product 4 Flood Maps and information Land Adjacent to Welbury Road, Wythenshawe, Manchester

Dear Sir/Madam

Re: Request for Product 4 Flood Maps and information

I'm working as a Flood Risk Consultant for this site. On behalf of the clients I kindly request you to provide me the most up-to-date **Product 4 flood maps & information** for the following site:

Land Adjacent to Welbury Road, Wythenshawe, Manchester M23 0JP

Please could you note, if Product 4 data is available, I will not require Product 5/6 data for the site.

A Site Location Map with approximate boundary lines is attached for your reference. Please could you provide me the following information (Product 4):

- Information on historic flood events and flood outlines if available around the site,
- Flood depths/water levels and velocity data at the site for a range of events,
- Flood Extent maps (fluvial/tidal),
- Information on flood defences if present,
- Modelled flood maps and flood extents for a range of events including the 1 in 20 year, 1 in 100 year, 1 in 200 year and 1 in 1000 year events,
- Flood depths/levels from breaching and overtopping scenario if available,
- Modelled flows and water levels for a range of events including different scenarios of climate change,
- Flood Hazard Mapping if available,
- Surface water flooding issues and flood maps,
- Reservoir flood maps,
- Any flood-related information that would be useful for the flood risk assessment of this site.

I look forward to hearing from you in due course.

Yours Sincerely

Sohan

Sohan Ghimire
Flood Risk Consultant

UK Flood Risk
41 Stanham Road
Dartford DA1 3AN

t: 020 3797 6380 m: 07411 924733

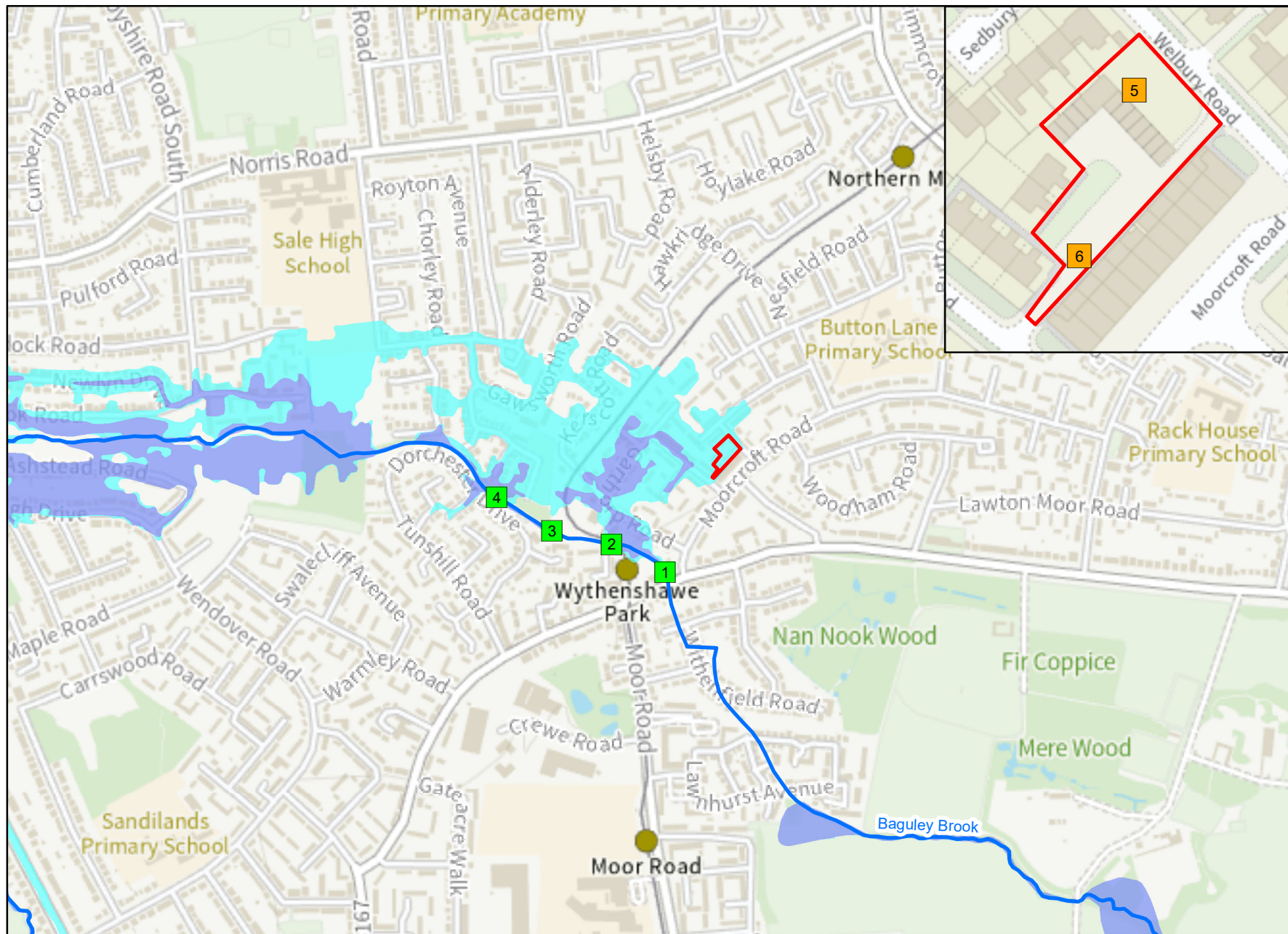
e: ukfloodrisk@gmail.com

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Land at Welbury Road
Wythenshawe Manchester M23 0JP

Detailed Flood Map Centred on Welbury Road, Manchester, M23 0JP. Created 12/04/2023 [GMMC306146AB]



1:10,001



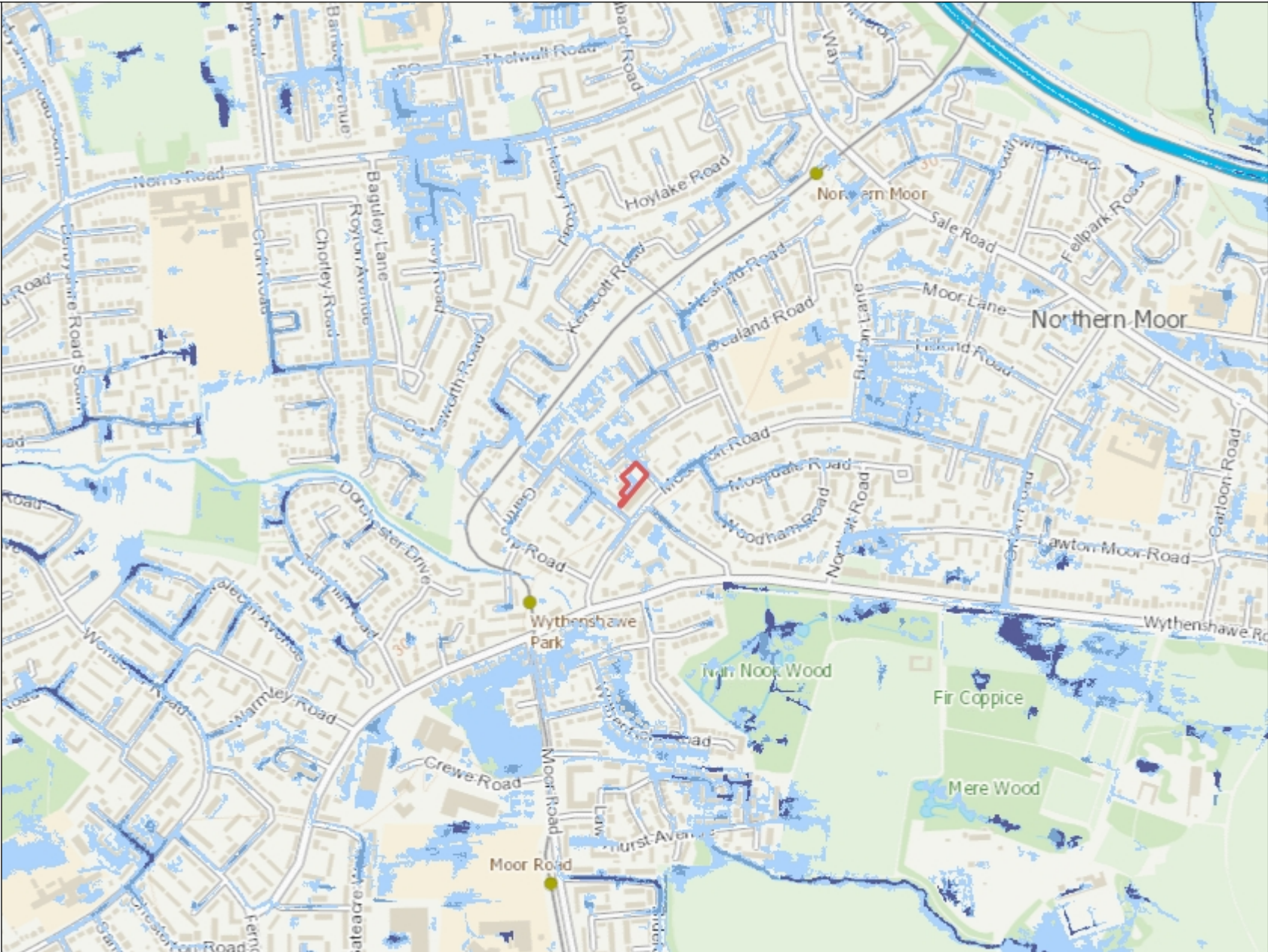
Legend

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

Risk of Flooding from Surface Water Map Centred on Welbury Road, **Manchester**,
M23 0JP. Created 12/04/2023 [GMMC306146AB]



- Legend
- Flood Extent 1 in 30
 - Flood Extent 1 in 100
 - Flood Extent 1 in 1000



					Undefended			Defended
Map Reference	Model Node Reference	Easting	Northing	Data	1 % AEP (1 in 100 year)	1 % AEP (1 in 100 year) + Climate Change*	0.1 % AEP (1 in 1000 year)	1 % AEP (1 in 100 year)
1	ea013_Model_09_BAGU01_00057	380507	390139	Modelled Water Level (m aodN)	30.20	30.25	30.29	30.20
				Modelled Flow (cumecs)	5.24	6.17	7.35	5.18
2	ea013_Model_09_BAGU01_00058	380410	390188	Modelled Water Level (m aodN)	30.11	30.20	30.26	30.08
				Modelled Flow (cumecs)	4.16	4.24	4.25	4.33
3	ea013_Model_09_BAGU01_00063	380300	390213	Modelled Water Level (m aodN)	29.24	29.27	29.30	29.09
				Modelled Flow (cumecs)	4.76	4.95	5.03	4.90
4	ea013_Model_09_BAGU01_00065	380200	390275	Modelled Water Level (m aodN)	29.08	29.13	29.16	28.59
				Modelled Flow (cumecs)	4.72	4.80	4.82	4.90
5	2D Levels	380621	390372	Modelled Water Level (m aodN)		29.59	29.67	
6		380606	390328	Modelled Water Level (m aodN)		29.59	29.67	

Model data taken from Altrincham 2009

AEP - Annual Exceedence Probability

m aodN - metres above ordnance datum Newlyn

cumecs - cubic metres per second

Notes:

*Climate Change Scenario - We only hold climate change measurements based on the previous climate change guidance (20% increase in flow). The new climate change guidance is available at <https://www.gov.uk/guidance/flood-risk-assessments-climate-change-allowances>. The location of the site and the type (vulnerability) of development determine the climate change allowances to consider in any flood risk assessment.