







Legend

-  Adur and Worthing Boundary
-  South Downs National Park

JBA Groundwater Mapping

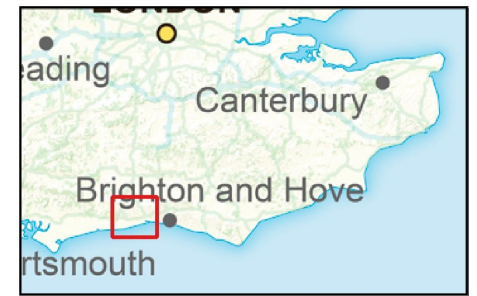
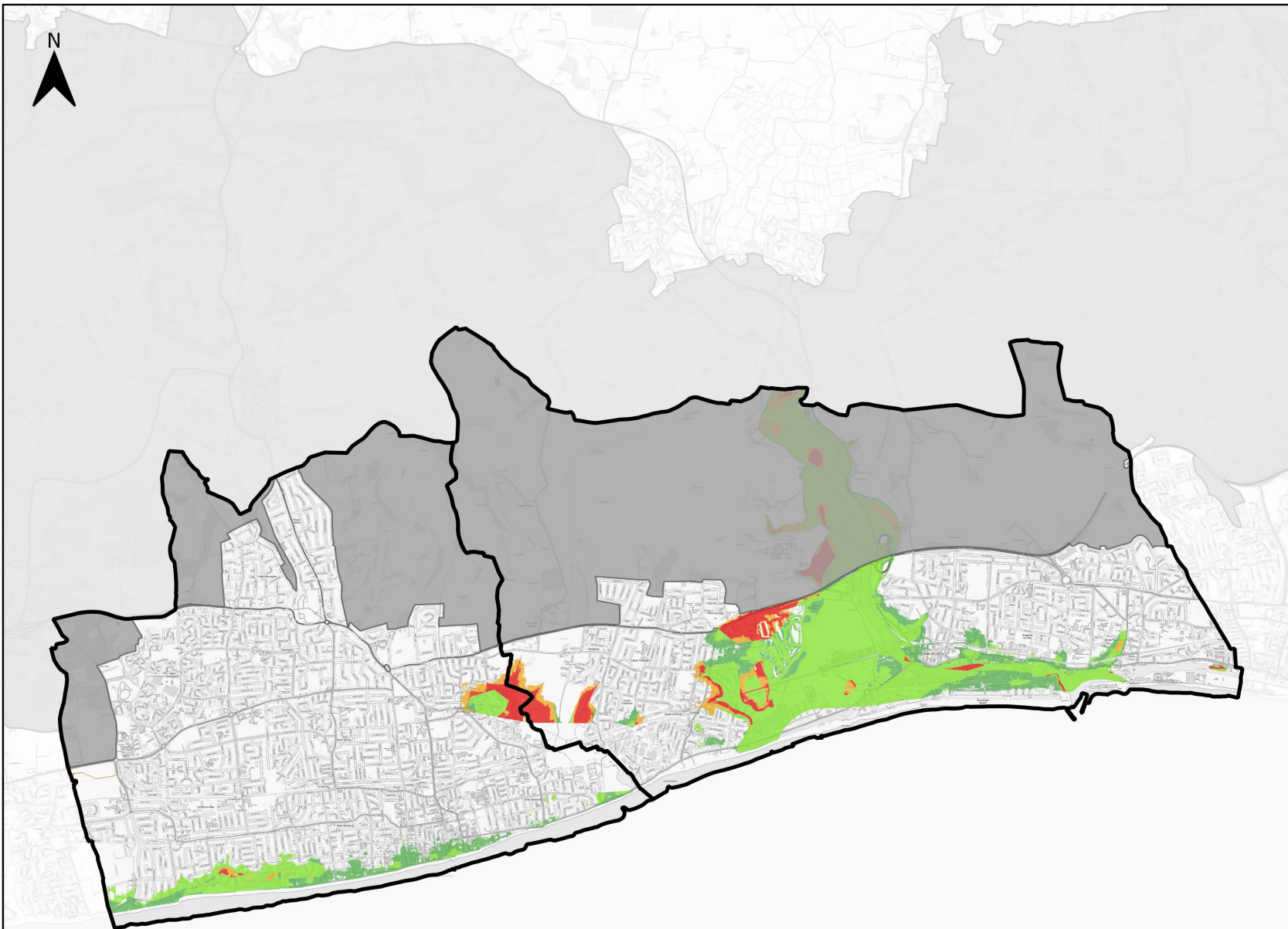
-  Groundwater levels are either at or very near (within 0.025m of) the ground surface.
-  Groundwater levels are between 0.025m and 0.5m below the ground surface.
-  Groundwater levels are between 0.5m and 5m below the ground surface.
-  Groundwater levels are at least 5m below the ground surface.



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Adur and Worthing Councils SFRA: JBA Groundwater Mapping

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Legend

-  Adur and Worthing Boundary
-  South Downs National Park
-  Zone GW 1
-  Zone GW 2
-  Zone GW 3
-  Zone GW 4

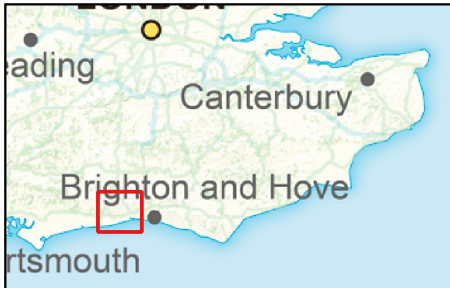
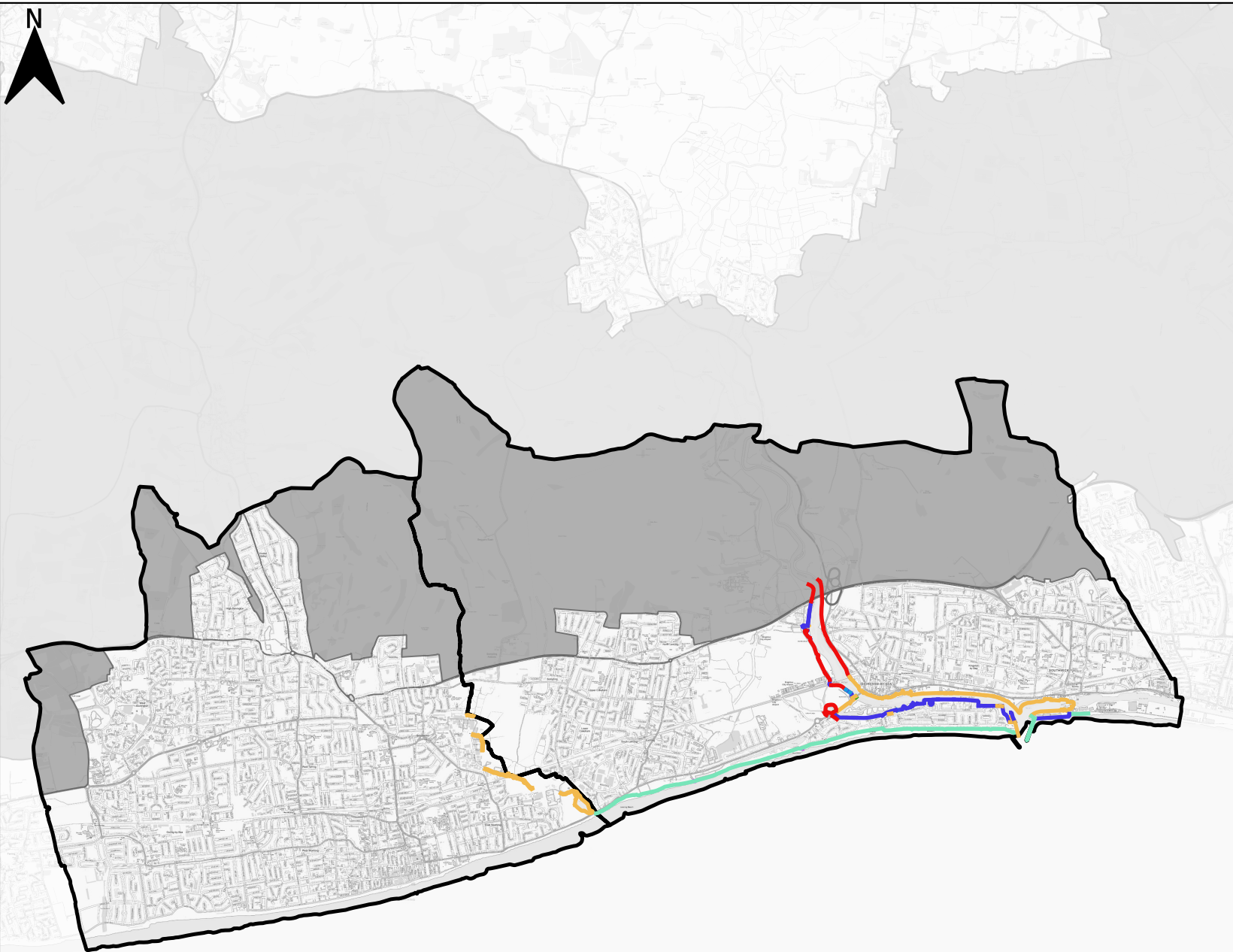
Notes

Technical assessment of the impact of sea level rise upon groundwater. Zone categories are outlined as follows:
 GW1 - GW level more than 0.5m below the surface and region is above the current tidal level but below the future tidal level.
 GW2 - GW level more than 0.5m below the surface and region is below the present day tidal level OR GW level between 0.025m and 0.5 below the surface and region is above the current tidal level but below the future tidal level
 GW3 - GW level between 0.025m and 0.5m below the surface and region is below the present day tidal level OR GW level within 0.25m of the surface and region is above the current tidal level but below the future tidal level
 GW4 - GW level within 0.025m of the surface and region is below the present day tidal level.

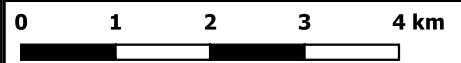


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- Legend**
- Adur and Worthing Boundary
 - South Downs National Park
 - Aims Defences**
 - Beach
 - Bridge Abutment
 - Demountable Defence
 - Embankment
 - Flood Gate
 - Natural High Ground
 - Wall

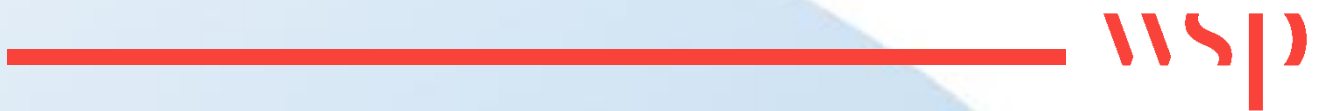


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Appendix G

MINUTES OF THE MEETING WITH EA





AGENDA & MEETING NOTES

PROJECT NUMBER	70118838	MEETING DATE	25 November 2024
PROJECT NAME	Kwick-Fit, Brighton Road, Shoreham	VENUE	MS Teams
CLIENT	Blenheim Estates	RECORDED BY	LM
MEETING SUBJECT	Pre-Application advice for Flood Risk Management		

PRESENT	Jon Denman Environment Agency Anna Rabone Environment Agency Sam Davies WSP Dinu Jose WSP Louise Markose WSP
APOLOGIES	N/A
DISTRIBUTION	As above
CONFIDENTIALITY	Confidential

ITEM	SUBJECT	ACTION	DUE
1	Introductions Anna Rabone—Planning Advisor Sustainable Places Jon Denman—Strategic Partnership (Flood Modelling and Mapping) Sam Davies—WSP Senior Engineer Dinu Jose—Assistant Engineer Louise Markose—Associate Director		
1.1	Health, Wellbeing and Safety Pause on Seasonal Affective Disorder (SAD)		
2	Introduction to the scheme location, including site location, and proposed scheme, no ground floor accommodation, parking is proposed on the ground floor. Finished floor level of 4.4m AOD and 8m OAD for the Upper Ground for 49 residential units.		
2.1	It was advised to confirm with the Shoreham Harbour Joint Area Action Plan (JAPP) for recommended residential floor levels, however it was suggested to be 5.77m AOD for residential floor level.	WSP to check and confirm.	

MEETING NOTES

		Checked and confirmed by D.J	
2.1.1	It was confirmed that the risk at the proposed scheme is from tidal flooding and therefore no floodplain compensation would be required.		
2.2	The scheme is in a flood warning area and an indicative lead time is approximately 2 days for a tidal event on the River Adur. WSP were advised to speak to the Local Planning Authority on potential requirements for emergency planning at the scheme and what may be required	EA to speak to flood warning colleagues and confirm. EA to provide a link to the guidance document on Safe Access and Egress and Emergency planning.	
3	The 1 in 200 year plus climate change level should be used for the design flood event (undefended) for residential. Non-residential could use the 60 year design life assumption (2115 Climate Change epoch). The EA advised that measures should be put in place to protect the cars during a tidal event.		
4	The Free Wharf project is putting in defences south of the proposed scheme. Environment Agency (EA) inspect, but do not maintain the defences. Refer to the JAAP.		
5	The EA noted that they are in the process of updating the flood model in the area and may be ready in January 2025 and the flood map will be updated approximately March / April. WSP stated that the planning application will most likely be submitted in the next 1-2 months. Therefore, the existing Arun to Adur Coastal Modelling (2012) provided as part of the consultation in August 2024, remains the best available information.		

MEETING NOTES

NEXT MEETING

An invitation will be issued if an additional meeting is required.

Appendix H

FLOOD ALERT/WARNING TIME



From: Rabone, Anna <Anna.Rabone@environment-agency.gov.uk>
Sent: 16 January 2025 15:19
To: Davies, Samuel <samuel.davies2@wsp.com>
Subject: RE: Cost Recovered Advice: 37-41 Brighton Rd, Shoreham-by-Sea : ENV PAC/1/SSD/00346

Hi Sam,

Thank you very much for your email.

In regard to your query, Jon has just checked and says we would usually get a coastal flood alert or warning out 9 hours in advance of the peak tide. We do sometimes send out alerts or warning with more notice depending on the time of day.

I hope the above is helpful.

Kind regards,
Anna

Anna Rabone
Sustainable Places Technical Specialist | Solent & South Downs
Environment Agency | Oving Road, Chichester, West Sussex, PO20 2AG

anna.rabone@environment-agency.gov.uk
Direct dial: 02077 140525

Working days: Monday to Friday

My pronouns are She/Her ([why is this here?](#))





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