From: Tedridge, Louise <Louise.Tedridge@wsp.com>
Sent: 26 July 2024 12:01:31 UTC+01:00
To: "Craig Searle" <craig.searle@swpeast.co.uk>; "'Peter Barnett'" <peter.barnett@adur-worthing.gov.uk>
Subject: RE: AWDM/0820/24 - East St/New Rd drainage (E9226)

Good afternoon both,

Thank you for the below information. Upon review we believe sufficient information as been provided for the discharge of Condition 6.

Many thanks,

Louise Tedridge
Graduate Consultant – Water Risk Management
BSc (Hons)
She/her

WSP in the UK
Matrix House, Basing View
Basingstoke
RG21 4FF

Confidential
This message, including any document or file attached, is intended only for the addressee and may contain privileged and/or confidential information. Any other person is strictly prohibited from reading, using, disclosing or copying this message. If you have received this message in error, please notify the sender and delete the message. Thank you. WSP UK Limited, a limited company registered in England & Wales with registered number 01383511. Registered office: WSP House, 70 Chancery Lane, London, WC2A 1AF.

From: Craig Searle <craig.searle@swpeast.co.uk>
Sent: Monday, July 8, 2024 3:44 PM
To: Tedridge, Louise <Louise.Tedridge@wsp.com>
Cc: Mark Gibb <mark.gibb@swpeast.co.uk>; Guy Mayo <guy@smvdl.co.uk>
Subject: AWDM/0820/24 - East St/New Rd drainage (E9226)

Good Afternoon Lousie,

Peter Barnett has passed on your contact details in regards to comments (attached) you made on the discharge of a planning condition.

In your comments, you state that there is insufficient information provided to demonstrate that infiltration is not a feasible option for surface water drainage. We believe we have provided this information and so want to confirm what further information you require.

The attached drainage design note, which was including with the information submitted, explains how we have had to disregard infiltration as a method of surface water discharge. The site is underlain by chalk, and in accordance with the guidance set out in Engineering in Chalk (C574), any proposed soakaway structure must be sited at least 10m away from any building foundations. The borehole logs provided in the appendices of the design note show the chalk.

As the site is constrained, it has not been possible to locate a soakaway which would be placed more than 10m away. Therefore, we have had to disregard infiltration as a method of surface water disposal.

If it was infiltration testing you were after, this has not been done because we have considered the spatial constraints and disregarded the need for it as discussed above.

We have then followed the drainage hierarchy and the next possible option is to discharge the surface water, at a restricted rate into the combined public sewer in East Street. We have designed a system which attenuates up to and including the 1in100 year plus 45% climate change rainfall event, without flooding. We have incorporated multiple source control SuDS including tree pits and green roofs, so as to reduce the actual volume of surface water leaving the site through the public sewer.

Therefore, can you please clarify the further information you require so that you change your recommendation for the planning condition to be approved?

We look forward to your swift response.

Best Regards,

Craig Searle

Craig Searle
Civil Engineer

STEPHEN WILSON PARTNERSHIP LTD

Chalvington Barn, Unit C Dittons Business Park,
Ditton Road, Polegate, BN26 6HY
Tel: 01323 412020
E: craig.searle@swpeast.co.uk
Website: www.swpeast.co.uk

STEPHEN WILSON PARTNERSHIP LTD. Registered in England No. 4304280. This e-mail is confidential and should be read only by the intended recipient. If you are not the recipient please notify us immediately by telephone and destroy and delete this message from your computer. (tel. 01323 412020).

WARNING. Computer viruses may be transmitted or downloaded onto your computer system via e-mail communication. It is the recipients responsibility to take any action necessary to prevent computer viruses being transmitted in this way. Accordingly SWP Ltd. disclaims all responsibility which arises directly or indirectly from such transmission of computer viruses.

NOTICE: This communication and any attachments ("this message") may contain information which is privileged, confidential, proprietary or otherwise subject to restricted disclosure under applicable law. This message is for the sole use of the intended recipient(s). Any unauthorized use, disclosure, viewing, copying, alteration, dissemination or distribution of, or reliance on, this message is strictly prohibited. If you have received this message in error, or you are not an authorized or intended recipient, please notify the sender immediately by replying to this message, delete this message and all copies from your e-mail system and destroy any printed copies.

-LAEmHhHzdJzBITWfa4Hgs7pbKI