

Claire Coles

From: Paing, Yan <yan.paing@sweco.co.uk>
Sent: 27 September 2023 13:02
To: Gideon.Miller@kent.gov.uk; Daniel.Hoare@kent.gov.uk; David Barker
Cc: Halford, Colin; Liddell, Martin; Barrell, John
Subject: RE: FAO - Daniel Hoare & Gideon Miller- Response To Application Number 22/505852/SUB at Land Off Staple Street Hernhill Kent ME13 9HY
Attachments: 1 in 100 + 40% CC.pdf; 1 in 100.pdf

Hi Gideon,

Apologies, please find swale calculations to support orifice diameter of 75mm installed at HW13.

No flooding for 1 in 100 Years, minor flooding for 1 in 100 Years +40% CC.

Would you be able to confirm if you can remove the holding objection in relation to Item 2, so that we only have Item 1 left in order to discharge condition 14.

Thanks.

Best Regards,
Yan Linn Paing
Technician

Sweco UK Limited | Chelmsford
Mobile +447824316789
Telephone +44 1245 359911



From: Gideon.Miller@kent.gov.uk <Gideon.Miller@kent.gov.uk>
Sent: 27 September 2023 08:45
To: Halford, Colin <colin.halford@sweco.co.uk>
Cc: Liddell, Martin <martin.liddell@sweco.co.uk>; Barrell, John <john.barrell@sweco.co.uk>; Paing, Yan <yan.paing@sweco.co.uk>; david.barker@wwmartin.co.uk; MattDuigan@Swale.gov.uk; Daniel.Hoare@kent.gov.uk
Subject: RE: FAO - Daniel Hoare & Gideon Miller- Response To Application Number 22/505852/SUB at Land Off Staple Street Hernhill Kent ME13 9HY

Hi Colin,

Thank you for your email and please find our comments below.

Item 1 - We await to find out the results of the investigation into the land drain in due course.

Item 2 - We acknowledge that the hydrobrake at SW19 will restrict all flows to 1 l/s as agreed and, whilst the modelling provided shows several occurrences of flooding with the 100 (+40%) year rainfall event, we would consider these levels to be acceptable given their locations being restricted to the car park.

We also note that whilst a 75 mm orifice plate has been installed at HW13, prior to discharge from the roadside swale into the pond, no modelling for the roadside swale has been provided. We would expect for be provided so that we are able to determine the risk of flooding from this part of the network.

Item 3 - We would remove our holding objection in relation to this point only.

Kind regards,

Gideon Miller | Graduate Flood Risk Officer | Flood & Water Management

Kent County Council | Invicta House, County Hall, Maidstone ME14 1XX | External: 03000 418582 | www.kent.gov.uk |

As Lead Local Flood Authority (LLFA) for the County, we have become a statutory consultee in planning to promote the provision of Sustainable Drainage Systems. You can find out more by visiting: <http://www.kent.gov.uk/waste-planning-and-land/flooding-and-drainage/sustainable-drainage-systems>



Please consider the environment before printing this email

From: Halford, Colin <colin.halford@sweco.co.uk>

Sent: Thursday, September 21, 2023 1:47 PM

To: Daniel Hoare - GT EW <Daniel.Hoare@kent.gov.uk>; Gideon Miller - GT EW <Gideon.Miller@kent.gov.uk>

Cc: Liddell, Martin <martin.liddell@sweco.co.uk>; Barrell, John <john.barrell@sweco.co.uk>; Paing, Yan <yan.paing@sweco.co.uk>; david.barker <david.barker@wwmartin.co.uk>

Subject: FW: FAO - Daniel Hoare & Gideon Miller- Response To Application Number 22/505852/SUB at Land Off Staple Street Hernhill Kent ME13 9HY

Good afternoon Daniel & Gideon,

Thank you for your response letter, items 1 to 3 as attached dated 24 August 2023 and for your time on the Teams meeting on the 11 September 2023.

Item 1 – As agreed in the Teams meeting the contractor is in the process of providing CCTV survey and jetting works for you, to determine if there are any blockages within the culvert under Staple Street and as far as possible along the drainage network on the north side of Staple Street.

Item 2 – As agreed in the Teams meeting we have reduced the discharge from the site from 2 l/s to 1 l/s by removing the hydrobrake in chamber SW19 (2 l/s) and replacing with hydrobrake from chamber SW13 (1 l/s). The flow control in chamber SW13 will be replaced with an orifice flow control (1.1 l/s). Drainage calculations for the new set up attached showing that the site discharges surface water to the ditch at 1 l/s for storms up to the 1 in 100 year +40% for climate change.

Item 3 – The gully connection is part of the S278 agreement (Sweco were not involved with the S278 works). The gully outfall location was changed from the ditch / swale, as shown on the attached drawing, to the pond to achieve a gravity discharge.

Are you able to confirm that you are satisfied that item 2 and 3 above can be removed from your holding objection whilst we undertake the CCTV work for item 1 please?

Kind regards

Colin Halford

Principal Engineer

Sweco UK Limited | Ipswich

Mobile +44 7714 259 106

Telephone 01473 231 100



From: Halford, Colin

Sent: 04 September 2023 11:40

To: suds@kent.gov.uk

Cc: David Barker <david.barker@wwmartin.co.uk>; Barrell, John <john.barrell@sweco.co.uk>; Liddell, Martin <martin.liddell@sweco.co.uk>

Subject: FAO - Gideon Miller- Response To Application Number 22/505852/SUB at Land Off Staple Street Hernhill Kent ME13 9HY

Good morning Gideon,

Are you available for a meeting on site, Thursday 7th September or Monday 11 September so that we can discuss your response attached please?

Kind regards

Colin Halford
Principal Engineer

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