

Cerys Jones

From: Matthew Phillips
Sent: 04 August 2017 09:35
To: planning_admin
Subject: FW: 331: Knolton Farmhouse Cheese, Oswestry Road, Overton, Wrexham. RE DRAINAGE: Planning ref P2017/0115

Drainage officer comments

From: Neil Taunt
Sent: 04 August 2017 08:03
To: Matthew Phillips
Cc: alan kane
Subject: RE: 331: Knolton Farmhouse Cheese, Oswestry Road, Overton, Wrexham. RE DRAINAGE: Planning ref P2017/0115

Hi Matthew,

The additional information submitted to address the queries raised within my email of the 4th July 2017. The attenuated discharge of 5l/s and provision of both above and below ground attenuation (as detailed within DWG 1379/01 Rev B) is sufficient for the surface water element of condition 2 to be discharged.

Many thanks

Neil

From: Matthew Phillips
Sent: 03 August 2017 13:55
To: Neil Taunt
Subject: FW: 331: Knolton Farmhouse Cheese, Oswestry Road, Overton, Wrexham. RE DRAINAGE: Planning ref P2017/0115

Neil,

Please see attached.

Regards

Matthew

From: randal turner [<mailto:randal@andyfosterarchitects.com>]
Sent: 03 August 2017 12:00
To: Matthew Phillips
Subject: 331: Knolton Farmhouse Cheese, Oswestry Road, Overton, Wrexham. RE DRAINAGE: Planning ref P2017/0115

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Hi Matthew,

Please see below for Alan Kane's response to Neil Taunt (sent by Alan directly to Neil).

Can you chase Neil for his (hopefully) final approval of this information, I'd very much appreciate it.

Regards

Randal Turner

Director

-

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From: Alan Kane <alan_kane_net@btinternet.com>

Reply-To: <alan_kane_net@btinternet.com>

Date: Thursday, 3 August 2017 at 10:05

To: <Neil.Taunt@wrexham.gov.uk>, Randal Turner <randal@andyfosterarchitects.com>

Subject: Re: RE: Knolton Farmhouse Cheese, Oswestry Road, Overton, Wrexham. RE DRAINAGE: Planning ref P2017/0115

Neil.

Regarding this scheme, I enclose a solution to the 100 year storm.

The 30 year is stored in the Aquacell blocks, limiting outflow to the river. The peak 100 year plus 30% will generate a maximum of 24.44m³.

However this is beside the large flat concrete area used for maneuvering, some pallet storage, etc. I have highlighted this area and also see the enclosed photos. This area is approximately 2430m², so flooding depth would be about 10mm. I am aware that up to 300mm flooding is permitted under TAN 15. I have indicated two proposed road humps to stop water leaving the site.

Thanks

****please respond to ensure receipt****

ALAN KANE

KANE DESIGN

01 978 855888

07751 183528

-----Original message-----

From : Neil.Taunt@wrexham.gov.uk

Date : 04/07/2017 - 14:26 (GMTST)

To : alan_kane_net@btinternet.com

Cc : Matthew.Phillips@wrexham.gov.uk

Subject : RE: Knolton Farmhouse Cheese, Oswestry Raod, Overton, Wrexham. RE DRAINAGE: Planning ref P2017/0115

Alan,

Thanks for the info. I'm not clear on where you are expecting to attenuate surface waters at ground level for events >1 in 30. Are you able to indicate this on the plan?

Also can you confirm that you have included an allowance for climate change within your calculations.

I have no issue with the shared outfall to the Dee.

Many thanks

Neil

From: Alan Kane [mailto:alan_kane_net@btinternet.com]

Sent: 28 June 2017 12:28

To: Neil Taunt

Subject: Knolton Farmhouse Cheese, Oswestry Raod, Overton, Wrexham. RE DRAINAGE: Planning ref P2017/0115

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Neil

I enclose a drawing and flow calculations for the above site.

We are proposing to take the new extension and car park to the river, joining with the existing outfall pipe, which takes fully treated effluent.

Katrin Raynor-Evans at N.R.W has no problems with a surface water connection to the outfall pipe, as long as it down-pipe from their sampling point.

I have limited discharge to 5 litre/s, with cellular blocks for the 30 year storage (18m³), and a controlled above ground zone for the 100-year scenario (25m³ - 50mm depth flooding).

Note that an attempted soakaway test, as expected for Overton, did not show any infiltration.

I look forward to your comments and approval

Thanks

****please respond to ensure receipt****

**ALAN KANE
KANE DESIGN
01 978 855888
07751 183528**

****Adoptable drainage / road design ****preliminary scheme analysis for drainage / roads** private drainage** sustainability reports ** transport reports ** site access issues and surfacing ** earthworks ** vehicle autotrack ****

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