

Mark Crussell

From: Newell, Frank [frank.newell@environment-agency.gov.uk]
Sent: 04 February 2011 12:58
To: Mark Crussell
Subject: RE: D123356: EA comments on the hydrology briefing note - request

Mark,

I have re-requested the surface water flood map and that should be with you shortly.

I can confirm that your Hydrology Draft Briefing Note (Issue 01 dated January 2011) is acceptable to support your Flood Risk Assessment for the Energy from Waste proposal. The assessment of fluvial flows for the three catchments draining to your site and the range of return periods quoted are all acceptable.

It is likely that the main flows used to determine Flood Zone 2 and 3 fluvial extents will be the 100 and 1000 year flows respectively. We consider the flows identified to undertake the joint probability analysis are acceptable to determine flood zone 3. You will have to consider an appropriate boundary condition for your 1000 year (flood zone 2) fluvial and tidal flood extents, however we are not expecting you to undertake a joint probability analysis for this event.

Thank you again for arranging the site walkover for me and my colleagues - it was very informative.

Kind regards

Frank

From: Mark Crussell [mailto:Mark.Crussell@scottwilson.com]
Sent: 03 February 2011 09:34
To: Newell, Frank
Subject: D123356: EA comments on the hydrology briefing note - request

Frank,

Please could you send through your comments on the hydrology briefing note so that we can review and update where necessary. We still haven't received the new flood risk from surface water flood maps, which you presented at the site walkover, this information is important for inclusion within the FRA.

Our timescales for complete of the modelling study and update of the FRA is 18th Feb, therefore we would appreciate the above info asap to inform the work being undertaken. Any queries give me a call.

Kind regards,

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cc - Day File

From: Newell, Frank [mailto:frank.newell@environment-agency.gov.uk]
Sent: 24 January 2011 17:08
To: Mark Crussell
Subject: RE: North Yard Devonport EfW Facility - Site Visit 25th Jan

Mark,

Thanks for your email - we'll have a chat about this tomorrow. Would you mind bringing a few copies of the proposed site layout to hand out tomorrow for the walk over.

many thanks

Frank

From: Mark Crussell [mailto:Mark.Crussell@scottwilson.com]
Sent: 21 January 2011 10:50
To: Newell, Frank
Subject: RE: North Yard Devonport EfW Facility - Site Visit 25th Jan

Frank,

Please find attached the hydrology briefing note which provides details of the hydrology and joint probability analysis undertaken to inform the 1d modelling study proposed at the North Yard Devonport site. Please could you review the proposed flow rates for the Weston Mill Stream, Camel's Head Creek and Barne Brake Creek together with the return periods of interest proposed to represent the joint probability events.

With regards to the new surface water flood maps it is positive to hear that the extents of flooding on the access of the site are significantly less than those show on the previous ASTSWF maps. We still have not received a hard copy version of the map from the mapping team, please could you give me an update on the situation.

I'm sure we can discuss the above during our site visit on Tuesday 25th January (1400hrs).

Best regards,

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cc - Day File

From: Newell, Frank [mailto:frank.newell@environment-agency.gov.uk]
Sent: 10 January 2011 16:12
To: Mark Crussell
Subject: RE: North Yard Devonport EfW Facility - Site Visit 25th Jan

Mark,

I've had a look at the new surface water flooding maps and it appears that the new mapped extents are pretty similar on site as the one previous issued to you. The extents of flooding on the access of the site are significantly less on the new maps than the one you have. I currently don't have the new maps in the correct format to issue to you, however I have asked my mapping team to let me know when these will be available. I'll let you know when I find out.

Regards

Frank