

Neil Crowther

From: Nuttall, David [REDACTED]
Sent: 31 March 2010 16:07
To: Neil Crowther
Cc: kate.attrill@environment-agency.gov.uk; Challoner, John; Luck, Barry; Adams, Andy (Network Performance); Heidi-Anne O'Neill
Subject: RE: Angel's Nursery, Barnham

Neil, further to our previous discussion, I make further comments as follows –

There are currently issues in the Lidsey wastewater treatment Works catchment relating to infiltration in the upper reaches of the catchment, which are believed to be caused by groundwater infiltration into private foul drainage systems and in the lower reaches of the catchment through land drainage entering the foul sewerage system through inundation. Both of these conditions only occur during periods of exceptionally high ground water levels.

Whilst Southern Water is aware of the concerns of the Environment Agency, our modelling concludes that during normal conditions, there is capacity in the foul sewer at a point approximately 470 metres south west of the site where foul only flows could be discharged. Southern Water is therefore reluctant to object to the planning application. It is important however, that absolutely no surface water from the site is permitted to add to the issues at times of high groundwater levels. Southern Water will look for support from the Local Authority, the Highway Authority, Building Control and the Environment Agency to assist in the investigation and remediation of the causes of surface water/groundwater entering the public foul sewer.

If the council are minded to approve the development then they should include conditions requiring

- adequate and sustainable surface water drainage
- conditions which guard against further groundwater infiltration into the foul drains or sewers serving the development,
- conditions which guard against surface floodwaters entering the foul system serving the development
- conditions which protect the properties from foul flooding or unusable sanitation should the public sewerage system surcharge.

Regards

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From: Neil Crowther [mailto:Neil.Crowther@arun.gov.uk]
Sent: 31 March 2010 12:55
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Subject: Angel's Nursery, Barnham

David,