

APPENDIX 11.3

CONSULTATION WITH ENVIRONMENTAL HEALTH OFFICER

From: Colin Giddings <[REDACTED]>
Sent: 23 May 2018 15:46
To: Claire Holman
Subject: RE: Ford Airfield Development

Dear Claire,

Thanks for getting in touch. Regarding your proposals for the assessment I comment as follows:

1. Agreed
2. Traffic impacts – please include an assessment for cumulative impact and have regard to the rather fluid guidance that currently exists for mitigation. The [Sussex Air document](#) should be the one used for mitigation measures and this is currently being updated (to be published this month I understand). [Sussex Air's website](#) can be used for better, more local background data
3. This methodology should also be agreed with the planning authority
4. [no number 4 in your list]
5. Again, please have regard to the SussexAir document
6. Agreed (see comment at 2)

Whilst cannot release individual data to you, I can confirm that Arun has received at least 15 odour complaints since January 2010, relating to emanations from the sewage treatment works. Our initial advice to the public is to contact Southern Water so many other such complaints may not have been recorded. There do not appear to be any odour complaints on our database relating to the waste treatment facility or the circular technology park in general.

Kind regards,
Colin

From: Claire Holman [REDACTED]
Sent: 22 May 2018 11:08
To: Pollution
Cc: Chris Rush; matt 'Matt Stooling'
Subject: Ford Airfield Development

Dear Mr Giddings

We have been commissioned to undertake an air quality assessment of the proposed residential led development of Ford Airfield, and I am writing to you to agree the assessment methodology. The following impacts will be assessed:

1. *Demolition and Construction impacts* including trackout using the Institute of Air Quality Management (IAQM) risk assessment methodology.
2. *Impact of traffic on NO₂, PM₁₀ and PM_{2.5} concentrations:*
 - Use meteorological data from the Met Office Shoreham Weather Station
 - Verify the model using Arun Council's diffusion tube data from the A284/A259 in Littlehampton
 - Use Defra's background data for the modelling
 - Forecast future emissions using Defra's emission factor toolkit (v8.01)
 - Undertake a sensitivity test in which more conservative assumptions regarding future emission are used e.g. NOx emissions reduce at only half the rate assumed by EFTv 8.01

- Use the Environmental Protection UK/ IAQM guidance to assess the predicted air quality impacts.
- 3. *Ford Wastewater Treatment Works (WTW):*
 - The assessment methodology will be based on the IAQM odour guidance and agreed with Southern Water.
- 5. *Ford Circular Technology Park* impacts on air quality to be assessed qualitatively
- 6. *Cumulative impacts of* traffic from other developments to be agreed with the planning authority

I would be grateful if you could confirm that you are happy with our proposed approach. I would also be grateful if you could let us have details of any odour complaints from the WTW and the Ford Circular Technology Park.

I look forward to hearing from you in the near future.

Kind regards

Claire Holman
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Tel
Mob
Email

