Cathy Horton

From: Giles Rawdon
Sent: 06 July 2011 09:22
To: Cathy Horton
Subject: RE: Composting Facility - Fenny Drayton

Hi Cathy

I have pasted in my response to the info on the county website below. I will submit this via the county website as well.

Regards

Giles

Fenny Drayton Composting Site- Initial Comments 29.6.11

I have read the documents provided and would like clarification on the following points before I submit final comments.

Noise

Composting Operations
6.3.2 states that "General composting operations will comprise two separate noise sources comprising a loading shovel, and a shredder." Will the loading shovel be used inside the composting building to turn the windrows or is other equipment envisaged?

The supporting statement states that "All plant will carry effective silencers and will be noise suppressed to manufacturer's specifications", this suggests additional silencing, has this been taken into account in the report if so please provide details and justification of any attenuation.

6.3.5 and 6.3.6
Please provide full calculations for the predictions including inputs and assumptions.

6.3.13 , 6.3.14 and 6.3.16
If the attenuation provided by these factors is to be considered it should be predicted showing inputs, assumptions and calculations. In any case the sound insulating properties of the composting building should be calculated (showing methodology and inputs) and work taking place inside assessed.

7 Noise Rating Level

No acoustic feature correction is given. It could be argued that wood waste fed into a shredder would produce sound likely to attract this correction therefore the rating level should include a 5dB correction.

This correction predicts rating levels of 10, 6 and 8 dB over the measured background levels for Rowden Cottage, Marlcroft and Lindley Hall Farm respectively. This suggests that at 10dB above background levels noise complaints are likely at Rowden cottage. The levels at Marlcroft and Lindley Hall Farm lie between marginal significance and

complaints being likely.

Discussion

8.3, 8.8, 8.9
If the attenuation provided by these factors is to be considered it should be predicted showing inputs, assumptions and calculations.

8.4
BS4142 assesses the rating level against the background level, L90.

8.6
See above comments on Noise rating Level.

8.7
This would have been incorporated into the path distance/barrier calculation referred to in 6.1.4.

Contaminated Land

The Phase I investigation referred to in paragraph 11.1 of the Supporting Statement is not included in the documents provided.

Odour

Supporting Statement
7.3.5
The rejection criteria should include: Unacceptable level of decay and therefore too odorous

8.6.3
"A report from the Office of the Deputy Prime Minister (2004) discusses the issue of odour at composting sites, and details the main activities attributed to odour problems as being associated with:
· Delivery of feedstock that has been stored for a significant amount of time and often in airtight bags.
· Feedstock shredding
· Exhaust air from enclosed systems
· Anaerobic conditions in composting materials
· Wet and dirty areas and roads
· Untreated pools of leachate"

Only Anaerobic conditions in composting materials are discussed in the Supporting Statement the composting process management plan does not provide any information on addressing odour from leachate.

How will the other factors be controlled. Section 8.8.5 refers to feedstock piles therefore it is assumed that some material is to be stored in the reception area prior to processing.

Will the composting building be ventilated, if so where and how will the extracted air be exhausted to? Any proposed ventilation system should be assessed for noise impact.

Leachate

More info is required on the lagoon and leachate handling aspects of the system. Will the leachate be screened before entering the lagoon and/or mixed or aerated in the lagoon as recommended in the DEFRA publication " Good Practice and Regulatory Guidance on Composting and Odour Control for Local Authorities"?

The above publication states:
"All composting processes involve the production of leachate. This is often high in dissolved nitrogenous and sulphurous material and can be a major source of odour production. In systems where this leachate is allowed to accumulate in significant quantities, often stored in non-aerated tanks or pits, the subsequent movement of this water can release significant quantities of odours. If the water is allowed to become anaerobic and sprayed on the feedstock it can be a major source of odours. Leachate can be collected separately via a leachate collection system, which should be distinct from the surface water drainage system. If necessary the leachate should be stored in tanks or lagoons as an interim measure. Odour control measures may need to be applied to leachate storage"

Bioaerosols
I understand that the HPA will consider bio-aerosols. This department has not considered bio-aerosols.

Dust
Is a supply of water available at the site for the purpose of dust suppression should the tank referred to in section 5.3.5 of the supporting statement is empty?

Lighting

Full details of lighting should be provided including positions and orientation. I recommend the following conditions:

1. Details of any external lighting of the site shall be submitted to, and approved in writing by, the Local Planning Authority prior to the commencement of the development. This information shall include a layout plan with beam orientation and a schedule of equipment proposed in the design (luminaire type, mounting height, aiming angles and luminaire profiles). The lighting shall be installed, maintained and operated in accordance with the approved details unless the Local Planning Authority gives its written consent to the variation.

Reason: To protect the appearance of the area, the environment and local residents from nuisance from artificial light.

2. The external lighting referred to in condition x above will not be switched on between the hours of 18:00 in the evening and 07:00 the following morning.

Reason: To protect the appearance of the area, the environment and local residents from nuisance from artificial light.

From: Cathy Horton
Sent: 05 July 2011 16:11
To: Giles Rawdon
Subject: RE: Composting Facility - Fenny Drayton

Thanks Giles, I have been asked to report this matter to July planning committee so would be grateful for your

response.

regards

Cathy Horton
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Hinckley and Bosworth Borough Council
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From: Giles Rawdon
Sent: 04 July 2011 09:30
To: Cathy Horton
Subject: FW: Composting Facility - Fenny Drayton

Hi Cathy

I was consulted directly from LCC. I have had a look through the application and have some comments put together, I am going to meet with Simon and Rob to discuss early this week I will forward you the comments.

Regards

Giles

From: Simon Smith
Sent: 04 July 2011 08:36
To: Giles Rawdon
Cc: Cathy Horton
Subject: FW: Composting Facility - Fenny Drayton

Yours.

From: Cathy Horton
Sent: 30 June 2011 16:52
To: Simon Smith
Subject: Composting Facility - Fenny Drayton

Simon

I have a County Matter application for the compositing site at Fenny Drayton. Its just being input into the system for consultation. I have copies of the previous county committee report, refusal and appeal decision for your information. I would be grateful for some feedback for our consultation response.

Many thanks

Cathy