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recommnd odour assessment.

Lorraine Merrett

From: Alan Hunter
Sent: 28 August 2015 10:50
To: Development Management
Subject: FW: 15/00781/73A Gravel Pit Farm

RYEDALE DC

28 AUG 2015

DEVELOPMENT
MANAGEMENT

28/8/15
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From: Paul Hunt
Sent: 28 August 2015 10:47
To: Alan Hunter
Subject: RE: 15/00781/73A Gravel Pit Farm

Dear Alan

Further to our discussion yesterday, the proposal does not involve any additional plant or change to the plant specification and the extant planning consent for the AD Plant does not include any operating hours restrictions.

When the noise impact of the proposed development was considered it was assumed that gas production would be a continuous operation. Therefore I agree with you that it does not follow that the proposal to increase the annual grass silage input means that a revised noise assessment is necessary.

With regard to the assessment of odour, the report submitted with the AD Plant planning application predicts that the development will not result in a significant odour impact at any sensitive receptor locations. A number of worst case or conservative assumptions were made and incorporated into the odour impact assessment, including for example the use of maize odour emission rates for silage materials because maize is considered to be the most odorous silage material. It is understood that in practice grass will make up the greatest proportion of the silage materials processed in the AD plant.

In view of the predicted odour concentrations at sensitive receptors, which in all cases are well below the significant impact thresholds, I think it is unlikely that the proposal to increase the grass silage throughput by 6,500 tonnes a year would give rise to significant impact at any sensitive receptors. Notwithstanding this, as a precaution it may be prudent to request that the applicant provide an updated version of the odour assessment that takes account of any increases in odour emissions that may arise from the proposal.

I anticipate that the odour sources potentially affected by the proposal would include:

- Silage transfer route between the silage clamp and feed hopper (this was assessed on the basis of being carried out for 2 hours a day in the original assessment); and
- Agitated silage within feed hopper (this was also assessed as a 2 hours a day activity)

Best regards

Paul Hunt
Environmental Protection Officer
Ryedale DC
Ryedale House
Old Malton Road
Malton
YO17 7HH

Tel: 01653 600666 EXT 257
E-Mail: paul.hunt@ryedale.gov.uk
www.ryedale.gov.uk