

Our Ref: Infinis Chirk - NMA
Your Ref: PP-12347152

15 August 2023

Wrexham County Borough Council
The Guildhall
Wrexham
LL11 1AY

Dear Sir / Madam,

NON-MATERIAL AMENDMENT APPLICATION TO REPLACE 40FT J320 ENGINE WITH SCANIA 200KW CONTAINERISED ENGINE RELATING TO PLANNING PERMISSION REF P/2015/0730

A planning application has been submitted by *Avison Young* on behalf of our client Alkane Energy CM Limited ('the applicant') under Section 96A of the *Town and Country Planning Act 1990*, seeking a non-material amendment to remove an existing 40ft J320 engine and install a Scania 200Kw containerised engine pursuant to planning permission P/2015/0730 (as granted 07 December 2015) with the following description of development:

"Variation of condition nos 1 and 10 of planning permission p/2007/0324 to allow for a one year extension to the operational life of the landfill facility followed by a 12 months period for site restoration".

Further information relating to amendments proposed and their justification is provided below.

For reference the relevant approved plans are as follows:

- Annual Site Plan 2014.

The following information is submitted as part of this application.

SUBMITTED FORMS AND DOCUMENTS

- Application Forms; and
- Covering Letter.

SUBMITTED PLANS

- AY-ALK-001 Scania Gen Set Elevation; and
- SO-1502.45 Genset Layout.

VARIATIONS SOUGHT

The applicant seeks to replace an existing 40ft J320 engine with a Scania 200Kw containerised engine at Penybont Landfill Site. The proposed engine will have an improved operational efficiency of over 40%. The proposed engine would operate at a much lower exhaust emission limit than the current installed engine.

Following the removal of the existing J320 engine, the Scania containerised engine would be installed at the same location within the wider Penybont Landfill Site.

The proposed amendment is sought due to the inefficiency of the existing J320 engine, which operates at a much larger generation capacity than the current gas supply created by the waste breakdown in the landfill.

The proposed Scania engine would operate with an increased operational efficiency of over 40%, a significant improvement on the current installed generation asset. It is likely that this improvement in operational efficiency would result in a reduced number of visits made to the Landfill Site by maintenance technicians. The improvement in operational efficiency would also contribute to achieving greater energy security for local energy users.

In addition, the proposed engine would operate with a far lower exhaust emission limit than the current J320 engine. Therefore, the amendments sought are also deemed necessary to achieve the wider environmental targets of the applicant.

CONSIDERATIONS

Noise

With regards to noise, the proposed container would be sound insulated to a comparable level to the existing container in order to prevent nuisance noise to surrounding residents living in the vicinity of the application site. The proposed installation of the Scania generator sets would see a reduction in size from the existing engine at the Site, therefore noise will decrease as a result of the proposed works.

NEXT STEPS AND CONTACT

The above details and supporting documents have been submitted to the Council via the Planning Portal. We look forward to discussing the proposed amendment with you in further detail.

In the meantime, should you have any queries or wish to discuss any aspect of the application further, please do not hesitate to contact me using the contact information provided below.

Yours faithfully



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For and on behalf of Avison Young (UK) Limited