



Horsham
District
Council

HORSHAM DISTRICT COUNCIL CONSULTATION

TO:	Horsham District Council – Planning Dept FAO Sam Whitehouse
REFERENCE:	NC/26/0002
LOCATION:	Cemex Small Dole Landfill Henfield Road Small Dole BN5 9XJ
DESCRIPTION:	Proposed importation of inert restoration materials and reprofiling to provide an attenuation layer to mitigate the impact of climate change by improving long term sustainable management of leachate, temporary diversion of FP2774 and nature conservation, biodiversity and landscape improvements.
RECOMMENDATION:	Advice / No Objection / Objection / More Information / Modification / Refusal
SUMMARY OF COMMENTS & RECOMMENDATION: <u>Noise</u> Further information is required relating to the assessment and mitigation of noise impacts. <u>Importation of materials</u> A condition is recommended to ensure only clean inert materials are imported to site.	
MAIN COMMENTS: <u>Noise</u> The assessment provided in Chapter 10 of the Environmental Statement has concluded that, subject to provision of 3m bund to the northern, eastern and western boundaries of the site, there should be no adverse noise impacts on the identified noise sensitive receptors. The impacts have been assessed using the methodology given in BS4142:2014 "Methods for Rating and Assessing industrial and commercial sound" to derive specimen 1 hour averaged noise values. It is not clear why this approach has been adopted over the guidance within BS 5228-1:2009+A1:2014 "Code of practice for noise and vibration control on construction and open sites – Noise" The modelling detailed in BS4142 procedures makes assumptions about a number of variables, including plant noise levels, duration of different activities with the 1-hour period and the presence of distinctive acoustic characteristics such as tones or low frequency components in the noise sources.	

Due to the distance to the noise receptors section 10.67 of the Environmental Statement comments as follows:

"At a distance, noise from the type of works and machinery proposed for this site does not usually contain a distinguishable tone nor does it tend to be impulsive. Considering the existing ambient and background sound environment in the area and the magnitude of noise calculated from site operations, an acoustic feature correction is not considered appropriate in this case."

Further justification is required to support this statement. The noise from the type of diesel engine powered heavy plant and machinery involved in these works is known to have a strong low frequency component. In addition, this equipment will be fitted with reversing alarms, and these tonal alarms can be particularly intrusive on a site where earthmoving equipment is working continuously in an area with low ambient noise levels. Full details of the BS4142 calculations should be provided.

The chapter identifies that for receptors in New Hall Lane, noise levels are predicted to be 6dB above the background noise level during the soil stripping works and preparation of bunds in the closest the dwellings. In an area way from other noise sources such as road traffic the impact of this noise is likely to be subjectively more intrusive to residents than suggested.

The adoption additional mitigation measures such as fitting mobile plant and vehicles with broadband (white noise alarms) should be implemented.

Importation of materials

The local authority has a duty to prevent land within its boundary from becoming contaminated land for the purpose of Part IIA of the Environmental Protection Act 1990. Therefore, it is important that only clean inert materials are imported to site. A condition is recommended to ensure that this is achieved.

Any Recommended Conditions

- No soils shall be imported or re-used within the development site until the developer has submitted details of the chemical testing and assessment of all imported soils which demonstrates the suitability of the soils for the proposed use. The assessments shall be undertaken by a suitably qualified and competent person and full details shall be submitted to and approved in writing by the local planning authority.

NAME:	Lee Money
DEPARTMENT:	EHL
DATE:	03/03/25