
From: Eldred, Garin
Sent: 25 April 2022 12:16
To: Cross, David
Subject: Planning Application - Jayplus, Goat Mill Road (P/22/0064)

Morning David,

Apologises for the delay in responding, it's taken a while to review this application.

I would to propose the following conditions:

Contaminated Land

- Trial pitting to investigate near-surface soil, rock and groundwater conditions and to allow recovery of soil samples for chemical and geotechnical testing.
- Targeted trial trenching to expose the western edge of the former opencast mine.
- Rotary probehole drilling to determine depth, thickness and condition of coal and ironstone seams and mine workings.
- Targeted investigation of the recorded mine entries that may remain below the proposed developed areas following opencast mining, using trial trenching and rotary probehole drilling.
- Cable percussion and window sampler boreholes, with standard penetration tests (SPTs) to be undertaken in order to provide geotechnical data.
- If ground conditions revealed by the above are suitable, static cone penetration testing (CPT), in order to derive continuous geotechnical parameter profiles to assist in assessment of settlement and foundation design. • Geotechnical and contamination testing at UKAS accredited testing laboratories to adequately characterise made ground, shallow soils, surface water and groundwater.
- A programme of ground gas monitoring visits should be undertaken, to allow a quantitative ground gas risk assessment to be produced for the site.
- Reporting. Intrusive ground investigation works should be carried out by a suitably qualified geo-environmental consultant. Intrusive site investigation of coal seams, mine workings and mine entries would require permission from the Coal Authority. Statutory utilities information should be procured, to identify the position of buried services within the site

Noise

The report suggest that "Representative background sound levels at Nearest Sensitive Receptors based on the methodology and guidance found in BS4142: 2014+A1:2019 were established. The representative background sound was shown to vary between 48dB to 55dB LA90 during the daytime period (at NSRs). Night-time periods show representative background sound levels to range between 34dB to 42dB LA90."

•The predicted noise contribution at the nearest residential receptor from the operation of the Proposed Development shows a level ranging between 29dB(A) to 43dB(A) Leq during the daytime and night-time periods are well below typical residual sound levels that would provide good masking of any site attributable noise. **Therefore the level of noise must not exceed 43dB(A) Leq at the nearest sensitive receptor.**

• I do have some concerns around the time of operation for external work on the site which is due to be started at 6am Monday – Saturday, could this time be altered to 7 – 8am?

Please make contact with me if you have any concerns.

Kind regards

Garin Eldred
Swyddog Iechyd yr Amgylchedd / Environmental Health Officer

Diogelu'r Amgylchedd a Thai, Adran Amgylchedd Iechyd / Environmental Protection and Housing, Environmental Health Department

Cyngor Bwrdeistref Sirol Merthyr Tudful / Merthyr Tydfil County Borough Council

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