

Consultation Response from: KC Environmental Health (Pollution & Noise Control)		
2023/91280 - Bromley Farm Quarry, Barnsley Road, Upper Cumberworth, Huddersfield, HD8 8PD		
Quarrying operations for the extraction of clay, shale and incidental coal and subsequent restoration by means of importation of inert wastes		
Date Responded: 22nd January 2024	Responding Officer: NH	Responding Ref: WK/202338040
Contaminated Land In our comments dated 19th July 2023, we commented on a Phase 1 Preliminary Geo-Environmental Risk Assessment prepared by Silkstone Environmental Ltd dated 23rd January 2023 (ref: 22007/P1/0) and recommended additional contaminated land information before the application is determined. Since then, we have received a Phase 2 Geo-Environmental Investigation Report authored by Silkstone Environmental, dated November 2023 (ref: 22007/P2/0) in support of the application. The report includes geotechnical information, which is outside the remit of Environmental Health, this consultation response therefore only relates to the land contamination aspects of the documents. The report suggests that the site has remained largely unchanged since the completion of the Phase 1 site walkover in December 2022. The investigation, concluded on September 21, 2023, involved conducting window sampling boreholes (WS01-WS05), installing gas and groundwater monitoring standpipes at WS02A, WS03, and WS05, soil sampling for contamination testing in both made ground and natural soils, and sampling surface waters. The investigation revealed made ground at all exploratory hole locations, with depths ranging from 0.31m begl to 1.00m begl. Below the made ground, natural soils were encountered at three window sampling locations (WS01, WS02/WS02A, and WS04), extending down to highly weathered siltstone, weathered sandstone, or coal. No obvious signs of significant potential contamination, visually or olfactorily, were observed in the recovered soils, surface waters, or groundwaters. Additionally, no materials suspected of containing asbestos were noted in the soils. Laboratory testing highlighted notable findings, including exceedances in lead and thiocyanate in samples retrieved from WS01 when compared against the chosen assessment criteria. No other exceedances were identified. Ground gas monitoring was incomplete at the time of writing. <u>Comments</u> After reviewing the report, we seek clarification on the identified contaminated land and remediation proposals. We have concerns regarding stockpiling and potential re-use of soils and request a meeting to clarify these. Additionally, we request the completed ground gas monitoring results and a commentary on how the proposals may impact existing ground gas migration pathways affecting off-site receptors. <u>Recommendations</u> Due to these concerns, we maintain our previous position and require additional contaminated land information before the application is determined.		