

Consultation Response from: KC Environmental Health (Pollution & Noise Control)		
2023/90556 - adj, 246A, Wakefield Road, Denby Dale, Huddersfield, HD8 8SU		
Discharge conditions 10 (Phase I Desk Study Report), 11 (Phase 2 Report) on previous permission 2022/90687 for outline application for erection of residential development		
Date Responded: 3 rd April 2023	Responding Officer: NH	Responding Ref: WK/202308566
<p>Condition 10 – Phase I Desk Study A Phase 1 Desk Study Report by Roges Geotechnical Services dated 23rd November 2022 (ref: C1656/22/E/4777) has been received in support of the application to discharge Condition 10 on previous permission 2022/90687. 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 report.</p> <p>The report has identified potential sources of contamination and several potential pollutant linkages. The report concludes by recommending a Phase 2 intrusive investigation to determine the contamination status of the site and recommends that the investigation includes ground gas monitoring, soil sampling and chemical testing of environmental samples.</p> <p>The Phase 1 Desk Study Report by Roges Geotechnical Services dated 23rd November 2022 (ref: C1656/22/E/4777) satisfies the requirements of Condition 10 therefore we recommend that Condition 10 is discharged.</p>		
<p>Condition 11 – Phase 2 Report A Phase 2 Environmental Report by Roges Geotechnical Services dated 26th January 2023 (ref: C1656/22/E/4778) and Coal Mining Investigation Report by Roges Geotechnical Services, dated 26.01.23 (ref: C1656/22/E/4778) has been received in support of the application to discharge Condition 11 on previous permission 2022/90687. The reports include geotechnical information, which is outside the remit of Environmental Health, this consultation response therefore only relates to the land contamination aspects of the reports.</p> <p>The Phase 2 investigation as detailed in the Phase 2 Environmental Report was undertaken between the 30th November and 19th December 2022 and included the drilling of 3 boreholes and the retrieval of 4 soil samples. Samples were then sent for chemical testing screened against residential with plant uptake. Ground gas monitoring was also undertaken between the 9th December to 9th January on 4 occasions when barometric pressure ranged from 985 mB to 995mB with steady and rising pressure trends.</p> <p>The ground conditions encountered were generally topsoil over clay, gravel and mudstone. From the 4 soil samples analysed no exceedances identified against the chosen screening criteria. From the ground gas monitoring to date, the maximum methane and carbon dioxide concentrations reported were 0.1% v/v and 2.4% v/v respectively. The peak flow rate was 0.1 l/h. The report then explains that a gas screening value of 0.0001 l/h and 0.0024 l/h for methane and carbon dioxide was calculated, and the site is given a provisional characteristic situation level 1 classification. However, it is also recommended that a further 2 monitoring visits are undertaken within 2 months. The report also presents information related to imported materials in Section 9.4 of the report. We agree with the site characterisation to date</p>		

presented in the report provided. We also agree that additional monitoring is necessary to fully characterise the site.

The Coal Mining Investigation report confirms that no coal seams were encountered in the 3 rotary boreholes drilled and it was considered that the Better Bed Coal seam is not fully formed beneath the site. We acknowledge the submission of this report and accept the information provided.

As we consider the site characterisation incomplete, we recommend Condition 11 remains until further notice.

Recommendations

Condition 10 – Phase 1 Desk Study

The Phase 1 Desk Study Report by Roges Geotechnical Services dated 23rd November 2022 (ref: C1656/22/E/4777) satisfies the requirements of Condition 10 therefore we recommend that Condition 10 is discharged.

Condition 11 – Phase 2 Report

We accept the Phase 2 Environmental Report by Roges Geotechnical Services dated 26th January 2023 (ref: C1656/22/E/4778) and Coal Mining Investigation Report by Roges Geotechnical Services, dated 26.01.23 (ref: C1656/22/E/4778). However, we consider the assessment incomplete therefore, we recommend Condition 11 remains until further notice.