

**Dealt with by:** Environmental Health

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**Date:** 16<sup>th</sup> December 2021

**MEMORANDUM: PLANNING CONSULTATION**

**LOCATION**

**Land East Of Froghall Road  
Cheadle**

**PROPOSED DEVELOPMENT**

**Outline for up to 228 dwellings with access considered (all other matters reserved)**

**Potential Areas of Environmental Concern.**

1. Air Quality
2. Contamination
3. Sound insulation (condition assessment)
4. Artificial Lighting (Condition)
5. Construction Impacts (Condition)

**Comments**

**Air Quality:** The applicant has produced an updated AQ assessment by [SLR](#) to address the concerns raised previously (included below). It is also understood that the highways authority accepts the data. EH would therefore remove its holding objection and the report is accepted.

With regard to construction dust the report indicates that there would be minimal impact providing certain mitigation is adopted. This is agreed. In order to ensure this is the case it is recommended that this mitigation is included as a requirement of the construction management plan (condition recommended).

With regard to operational effects. The report concluded that the impact of the additional road traffic would have negligible effects on the local Air Quality and that as part of the proposed Development, the following improvements are also to be made to the local highway network:

- conversion of existing zebra crossing on A522 Leek Road to signalised pedestrian crossing; reducing the instances where vehicles are stopped for pedestrians
- widening on A522 Leek Road approach to A522 Leek Road/A522 Leek Road/A521 High Street/A522 Tape Street mini-roundabout, would providing additional capacity at the junction which would in turn reduce delays, the provision of the above improvements would reduce vehicle queuing on the A522 Leek Road during the peak

In addition they implementing a travel plan and EV charging infrastructure to the development. by reducing the potential for queuing traffic associated idling road traffic emissions.

The conclusions of the report are generally accepted and the proposed mitigation welcomed. However, despite the acceptance of the report and the potential benefits of the proposed mitigation, there is inevitably some uncertainty around modelled data particularly at receptors currently close to air quality objectives.

There is a need to improve air quality monitoring within Cheadle to ensure AQ objectives are not breached and that changes in air quality as a result of this (and other developments) in the area can be assessed. It is recommended therefore, that the applicant is asked for a contribution of £50 per proposed property to support and implement better local air quality monitoring in the area, namely the real time monitoring of NO<sub>x</sub> and PM<sub>10</sub> data and possibly to support a further feasibility study into local sustainable travel in the area. This should either be as a condition of the planning permission or secured via a s.106 agreement.

*Noise:* A noise assessment has been provided with the application. It summarises that noise caused by road traffic can be addressed through suitable mitigation. Condition advised to ensure mitigation is installed into the properties adjacent to the main road”.

*Contamination:* A desk study was submitted in support of the application by Betts Geo Land to the East of Froghall Road, Cheadle, Stoke-On-Trent (Ref 21EMP016/DS).

The desktop is considered an acceptable assessment of the potential contamination risks associated with the site. The primary risk associated with the site is historic coal mining, with the report noting that there is a High risk of recorded and unrecorded shallow workings across site with bell pits, shallow shafts, day holes and adit’s all possible.

The report concludes with essentially recommendations for further intrusive work to assess the risks. These are provisionally agreed but will require further from the Coal Authority)

#### *Site Construction Nuisance:*

The proposed development is close to existing properties so care needs to be taken during the construction phase to ensure these activities do not cause unreasonably disruption to the neighbour’s enjoyment of their properties. All construction activities should pay due care to the advice set out in BS 5228:1 and 2 in order that noise and vibration impacts are minimised during site preparation and construction phases.

### **Provisional Recommended Conditions**

Should EH objection be resolved (aside from any additional AQ conditions) the Environmental Health Department have no objection to the development subject to the following conditions being applied to any permission granted.

#### **1. Construction and Environmental Management Plan:**

No phase of the development hereby permitted shall take place except for works of site clearance and demolition until a Construction and Environmental Management Plan for that phase of the site has been submitted to and approved in writing by the Local Planning Authority, which shall include the following details:-

- I. the hours of work, which shall not exceed the following: Construction and associated deliveries to the site shall not take place outside 08:00 to 18:00 hours Mondays to Fridays, and 08:00 to 13:00 hours on Saturdays, nor at any time on Sundays or Bank Holiday;

- II. the method and duration of any pile driving operations (including expected starting date and completion date);
- III. pile driving shall not take place outside 09:00 to 16:00 hours Mondays to Fridays, nor at any time on Saturdays, Sundays or Bank Holidays;
- IV. the arrangements for prior notification to the occupiers of potentially affected properties;
- V. the responsible person (e.g. site manager / office) who could be contacted in the event of complaint;
- VI. a scheme to minimise dust emissions arising from construction activities on the site. This should include all the proposed mitigation measures outlined in Air Quality Assessment prepared by [SLR](#) (Ref: 410.10341.00003\_Froghall Road Cheadle Stoke AQA\_2023 Update\_v4.0, section 7.1-7.2.
- VII. a scheme for recycling/disposal of waste resulting from the construction works;
- VIII. the parking of vehicles of site operatives and visitors;
- IX. the loading and unloading of plant and materials;
- X. the storage of plant and materials used in constructing the development;
- XI. the erection and maintenance of security hoarding including decorative displays and facilities for public viewing, where appropriate;
- XII. details of measures to protect the public footpaths and amenity of users of the public footpaths crossing the site during the construction works,
- XIII. any waste material associated with the demolition or construction shall not be burnt on site but shall be kept securely for removal to prevent escape into the environment,
- XIV. details of any generator/s to be used on site. They should be sufficiently attenuated so that any noise generated shall be inaudible inside any nearby noise sensitive premise,
- XV. during construction/demolition phases amplified music and/or radios shall not be audible beyond the site boundary.

All works shall be carried out in accordance with the approved details. Any alteration to this Plan shall be approved in writing by the Local Planning Authority prior to commencement of the alteration.

**Reason:** *To protect the amenities of the area.*

amenity of local residents and that of the surrounding area from noise disturbance.

## 2. Contamination

No development approved by this planning permission shall take place until a detailed remediation scheme to bring the site to a condition suitable for the intended use by removing unacceptable risks to human health, property (existing or proposed including buildings, crops,

livestock, pets, woodland, service lines and pipes; buildings), adjoining land and ground and surface waters, has been submitted to and approved in writing by the Local Planning Authority. The scheme must include:

- a. A site investigation , based on the information already provided to support a detailed assessment of risks to all receptors that may be affected, including those off site.
- b. The results of the site investigation and the detailed risk assessment referred to in (a) and, based on these, an options appraisal and a remediation strategy giving full details of remediation objectives and remediation criteria
- c. A validation plan providing details of the data that will be collected in order to demonstrate that the all works set out in (a) are complete and identifying any requirements for longer-term monitoring of pollutant linkages, maintenance and arrangements for contingency action.
- d. If, during the course of development, any contamination is found which has not been identified in the site investigation, additional measures for the remediation of this source of contamination shall be submitted to and approved in writing by the local planning authority. The remediation of the site shall incorporate the approved additional measures.

The scheme must ensure that the site will not qualify as contaminated land under Part 2A of the Environmental Protection Act 1990 in relation to the intended use of the land after remediation.

### **3. Contamination Validation**

Prior to bringing the development into first use, a validation report demonstrating completion of the works set out in the approved remediation strategy and the effectiveness of the remediation shall be submitted to and approved, in writing, by the local planning authority. The report shall include results of sampling and monitoring carried out in accordance with the approved validation plan to demonstrate that the site remediation criteria have been met. It shall also include any plan (a long-term monitoring and maintenance plan) for longer-term monitoring of pollutant linkages, maintenance and arrangements for contingency action, as identified in the validation plan, and for the reporting of this to the local planning authority.

### **4. Importation of topsoil**

No soil is to be imported to the site until it has been tested for contamination and assessed for its suitability for the proposed development; a suitable methodology for testing this material should be submitted to and agreed by the Local Planning Authority prior to the soils being imported onto site. The methodology should include the sampling frequency, testing schedules, criteria against which the analytical results will be assessed (as determined by the risk assessment) and source material information. The analysis shall then be carried out and validatory evidence submitted to and approved in writing to by the Local Planning Authority.

**Reason (common to 2-4):-** *To ensure that the proposed development meets the requirements of the National Planning Policy Framework in that all potential risks to human health, controlled waters and wider environment are known and where necessary dealt with via remediation and or management of those risks.*

### **5. Lighting Condition**

The artificial lighting incorporated into this site in connection to this application shall not increase the pre-existing illuminance at the adjoining light sensitive locations when the light (s)

is (are) in operation. Details of all artificial lighting to be installed under this permission should be submitted to and approved by the Local Planning Authority prior to development commencing.

**Reason:** *To protect the local amenities of the local residents by reason of excess of illuminance.*

## **6. Sound insulation**

The mitigation set out in section 4.3.8 should be installed in all properties adjacent to Froghall Road.

**Reason:** *To protect occupiers from noise and safeguard their residential amenities.*

### **Advisory Note/ Informative:**

Please be aware that the responsibility for safe development and secure occupancy of the site rests with the developer.

- All lighting details should be provided with predicted LUX levels at the cartilage of the nearest residential receptors. This should be undertaken in line with the Institute of Lighting Engineers Guidance on intrusive lighting.
- A Demolition or refurbishment asbestos survey and risk assessment should be carried out prior to the demolition of the existing buildings. The enforcing authority for this type of work is the Health and Safety Executive (HSE) and it is recommended that you contact them directly to discuss their requirements: <http://www.hse.gov.uk/>
- Any approved noise scheme and measurements should pay due regard to British Standard BS8233:2014 Sound insulation and noise reduction for buildings (Code of Practice), and the Building Regulations 2010 Document E or other appropriate guidance.
- Advice on controlling flies and light can be found in: Statutory Nuisance from Insects and Artificial Light (defra 2005) available as a free download <http://archive.defra.gov.uk/environment/quality/local/legislation/cnea/documents/statnuisance.pdf>
- During any demolition and construction activities (including landscaping) the contractor should take all reasonable steps to prevent dust formation and prevent any dust formed from leaving the site boundary.
  - The control of dust and emissions from construction and demolition Best Practice Guidance, produced by the greater London councils <http://www.london.gov.uk/sites/default/files/BPGcontrolofdustandemissions.pdf>
  - Building Research Establishment Guidance Document 'Control of Dust from Construction and Demolition Activities' (BR456)

- If required, Contamination risk assessments shall be carried out in accordance with UK policy the Land contamination risk management framework (LCRM), published by the Environment Agency <https://www.gov.uk/government/publications/land-contamination-risk-management-lcrm>
  - Submission of reports should also be made to the Environment Agency for comment with regard to their remit to protect ground and surface waters from pollution and their obligations relating to contaminated land.
  - The Local Planning Authority will determine the acceptability of reports on the basis of the information made available to it. Please be aware that should a risk of harm from contamination remain post development, where the applicant had prior knowledge of the contamination, the applicant is likely to be liable under Part II (a) of the Environmental Protection Act 1990 and as such become an “appropriate person”. In this event the applicant will be lawfully responsible to remove the risk posed by the contamination.
  - Equally if during any site works a pathway for any contaminant on site is created and humans, waters, property or ecological systems are exposed to this, the applicant or those acting on behalf of the applicant will be liable under part II (a) of the Environmental Protection Act 1990 if the risks are not adequately addressed during the site redevelopment.
  - During investigation and remediation works the applicant and those acting on behalf of the applicant must ensure that site workers, public property and the environment are protected against noise, dust, odour and fumes
  - The applicant is advised that should there be a requirement as part of the Remediation Strategy to treat, reuse or remove contaminated material on the site, the Environment Agency must be consulted, as these activities may need to be licensed or permitted. Contaminated materials identified for removal off site must be disposed of in an appropriately licensed landfill site.
  - Staffordshire Moorlands District Council is keen to liaise with all stakeholders involved in this application. As such, we recommend that a proposed scope of works is forwarded to the Environmental Protection Department and agreed in principle prior to site investigation works being undertaken. The Environmental Protection Department is also prepared to review draft copies of reports prior to final submission to the Planning Department in order to ensure that works undertaken are sufficient to discharge the contaminated land conditions.

Regards,  
Environmental Health