

Subject: FW: Queens View, Netley - Additional Site Investigation Quote 15.04.24

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Hi Harry/ Rebecca,

Apologies on the delay. I have reviewed the report produced by Soils Ltd. (April 2024) 'Main Investigation Report at 30-32 Queens View, Netley, Southampton, Hampshire SO31 5EA', reference 20870/MIR Rev1.01. Please see my comments below:

The investigation comprises a number of boreholes/ trial pits during May 2023 to assess ground conditions and allow the collection of samples for chemical analysis. The distribution of the borehole/ trial pit locations was limited due to the existing structures on site. However, the ground conditions encountered were consistent across the investigated areas (generally made ground up 0.40mbgl over River Terrace Deposits). No groundwater was encountered during site works or post-works monitoring. Odour of manure was identified in WS1. Odour of chlorinated solvents was noted in WS2, and very faint solvent odour was noted in WS3. No significant visual or olfactory indicators of hydrocarbon contamination was present within the Made Ground. The risk assessment indicates:

- Only one exceedance of Dibenz(a,h)anthracene was encountered at WS2 @ 0.10mbgl (0.40mg/kg when compared to 0.28mg/kg for residential with home produce scenario criteria), some concentrations of TPH C12-C40 were also noted in this location, although not exceeded the criteria. Sample taken further below at 0.50m does not show any exceedances. Therefore, it was concluded that the risk due to soil contamination is very low.
- Groundwater risk is considered negligible due to no contaminant identified within soils.
- Ground gas risk was assessed as very low, supported by thickness less than 0.50mbgl, no putrescible material encountered and not significant contributors to the creation of ground gases or vapours. Additionally, ground gas monitoring indicates that concentrations of CO2 and CH4 below 5% and 1% respectively with negligible flow rates. VOC at WS1 of 10ppm considered outlier.
- It is recommended that excavated material is disposed appropriately, re-use of soils to comply with DoWCoP, imported materials to be analysed before importation and placement, and a discovery strategy is implemented in case of unexpected contamination.

We agree with the findings of this report and have no further comments in relation contaminated land. @Altman, Rebecca the proposed conditions on contaminated land are no longer required.

I trust the information above is of assistance. If you have any further queries, please do not hesitate in contacting me.

Best regards,

Yacklin

Yacklin Panza

Pollution Control Specialist

Planning & Environment - Pollution
