

Item 52.5 Environmental Survey of North Denes – **CONFIDENTIAL** (although the agenda item itself is not confidential, individual quotations are, as they are commercially sensitive)

Personal information redacted

As this investigation is not required for planning, a land sale or other regulatory function, the scope is very much down to the Council.

My suggestion would be as follows:

- We conduct a 'light touch' investigation comprising a series of fairly shallow hand excavated boreholes across the site, with each sample location limited to a maximum depth of 1.0m, to facilitate the collection of soil samples;
- Conduct approx. 40No. boreholes across the site, with location recorded by GPS (locational accuracy approx. 4.0m – subject to signal)
- The collection of soil samples at two different depths (0.1 – 0.3m and 0.5-0.6m)
- Test 50% of the shallow soils (20 No.) for a broad suite of typical contaminants including heavy metals, polyaromatic hydrocarbons, petroleum hydrocarbons And an asbestos screen - £75.00 / sample
- In the event that shallow soils fail the selected screening criteria (Public Open Space - Park) then a second 'targeted' round of testing could be instigated on the deeper samples from the failed location, and the shallow soils from adjacent untested locations.
- Production of a factual and interpretive report setting out our findings.

We have suggesting this approach based on the following factors / assumptions:

- The near surface soils represent the most significant risk to existing / future site users;
- The council has no plans to change the existing form of land use;
- You have no requirement for geotechnical information;
- We will only conduct sampling within areas of soft landscaping, i.e. grass / areas of low planting
- That if the findings of this investigation identify a significant issue, the council may have to consider a more detailed investigation and environmental assessment.

Fee

Our fee is based on two environment engineers / technicians attending site, and completing the works over two days. Our fee will be £3,675.00 plus VAT, plus third party costs. At this stage the third party costs are likely to include, chemical testing of retrieved soils and an extract from the Ordnance Survey base map on which to locate our sample locations. Based on 20No. samples the cost of the testing will be in the region of £1,500 plus VAT. The cost of the OS base map will be approx. £40 plus VAT. Authorisation for any additional sampling, based on the interim results, will be sought before additional testing is instructed.

Please note that within the above fee proposal we have not included for any meetings to discuss the findings, or run through our report; or for any liaison or discussions with Mark Seaman at East Suffolk Council. If required, these would be chargeable on an hourly rate basis.

We trust that the above proposal is of interest, however if you have any questions or wish to change the scope outlined above then please do not hesitate to contact me.

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