

Schedule 1 - Geo-environmental Services

Scope of Works

The scope of works to be undertaken will be as follows:

Phase II Ground Investigation

- 1 day dynamic sampling boreholes (approx.. 5 no. to target depths of approximately 5m bgl) with representative sampling and in situ testing.
- 3 no. standpipe monitoring installations (precautionary approach in case gas generating contamination identified / gas monitoring required by LPA / groundwater monitoring required by LLFA.
- Engineering laboratory testing of recovered soil samples.
- Chemical analyses of soils, soil leachates, and groundwater.
- Soil contamination assessment including a generic quantitative risk assessment.
- Compile Factual and Interpretative "Phase II" Geo-environmental and Geotechnical Report based on compilation and assessment of the foregoing.

The purpose of the Phase II intrusive works is to obtain information on ground conditions, groundwater levels and soil contamination at the site. We have allowed for management of the site work by suitably experienced and qualified staff who will set out the exploratory hole locations, direct site work operations, log the exploratory holes, recover samples, and schedule laboratory testing. All exploratory holes will be logged in accordance with BS 5930 (2015).

At this stage we have estimated the likely number of chemical analyses based upon BS 10175 (2011), the size of the site, the sensitivity of the development, and the past use of the site and surroundings. However, if it becomes apparent during the ground investigation that significant contamination is present, further testing may need to be scheduled, in which case we would inform you and advise you of cost implications. We would seek your approval prior to committing to any additional expenditure.

We would recommend that the scope of the intrusive works is agreed with the regulatory authorities as they may have particular requirements that need to be considered, especially if the works are being carried out to satisfy planning conditions.

Programme

We will be able to commence our service (background data review) within one week of receipt of your written authorisation to proceed. The intrusive site work would commence within two to three weeks and will take up to 1 No. working day, with the exact start date to be agreed and confirmed beforehand. The subsequent laboratory testing would take approximately two weeks to complete. The full report would be available one week from receipt of the laboratory test results.

Please note that where liaison with third parties (e.g. statutory authorities) is required, timescales may be driven by third-party timescales beyond our control which may affect the delivery of our design information.

Disbursements

The following disbursements are included in our proposal. Anything not expressly included should be deemed to be excluded.

- Third party costs (hole formation, in situ and laboratory testing).