

APPENDIX C2

WSP | PB SCOPE OF WORKS

7.3 INTRODUCTION

WSP | PB have prepared a revised scope of works for site investigation based on our review of the Phase 1 desk study reports, our understanding of the area and ground conditions and the nature of the proposed development.

The scope of preliminary works and reporting remains unchanged from that presented in Appendix C. The cost savings on the reporting associated with this change of scope come about though there being fewer samples and borehole logs to assess.

7.4 PRINCIPAL CHANGES TO THE SCOPE OF WORKS

- Removal of cable percussive drilling: This is not considered to be required as the site is shown to be underlain by Glacial Till comprising firm to stiff cohesive deposits overlying laterally impersistent medium dense granular deposits. Given the nature of the proposed development, there is considered no requirement, either with respect to potential contamination or geotechnical constraint, to obtain data over and above that which can be collected from the trial pits and window sampling. Furthermore, should areas of geotechnically poor ground be encountered we have included for Dynamic Probe follow-on methods to derive in-situ geotechnical properties (calculated SPT) of deeper natural strata and enable determination of foundation solutions.
- Exclusion of cable percussive drilling methods will reduce the ecological impact of the works as the smaller footprint of the window sampling rig will produce a smaller working footprint and thus result in less potential damage to ecologically sensitive habitat.
- Reduction of the chemical laboratory testing schedule: the available information indicates that the site comprises 'Greenfield' land. The historic land use is generally limited to agricultural purposes and development limited to small buildings and potentially infilled ponds. As such we consider the provision for chemical testing proposed by AECOM to be significantly over-scope given the potentially limited contaminant sources at the site.
- Reduction of the geotechnical laboratory testing schedule: the available information indicates that the site comprises 'Greenfield' land underlain by Glacial Till which is understood. The historic land use is generally limited to agricultural purposes and development limited to small buildings and potentially infilled ponds, as such the potential for areas of poor made ground is considered to be limited.
- Geotechnical laboratory testing will include provision for testing for California Bearing Ratio (CBR). This is not included within the BoQ provided by AECOM. This testing will inform highway and ground bearing floor slab design (is applicable) and thus enable more detailed and potentially less conservative design by the potential developer.
- The scope of works proposed by WSP | PB is compliant with industry guidance.