



Tankersley Former Pond Area Unit 1

A number of previous ground investigations have been undertaken across the site which have enabled a profile of the underlying ground conditions to be determined. These investigations revealed two former back filled ponds/pits in the area of the proposed Unit 1.

The following ground investigation report was undertaken specifically target the area of the ponds in order to assess more accurately the nature of the ground conditions:

Factual Geotechnical Investigation of former pond area at Plot B, Wentworth Park Tankersley, by Hydrock Dated October 2008. (Copy attached).

Borehole BH202 revealed that the backfilled former pond located under proposed Unit 1 to comprise variable made ground extending to a depth of 12.7m, with very soft, wet made ground from a level of 7.9m to 12.7m. The area of the pond as can be seen on the plan within the report is extensive.

Subsequent recent ground investigation carried out by JPG have confirmed the finding of the previous report.

Taking into account the following constraints:

- Location and extent of the pond area
- Depth of pond
- Variable and un-predictable material
- Interface at edge of the pond and surrounding natural material (High Wall)

JPG have recommended that the unit be relocated to avoid the area as it would be difficult to provide a ground treatment/foundation solution that is acceptable and warrantable, both in the institutional market and for end users within any traditional and viable methods. External areas, service yards etc, which are less sensitive should be located over the former ponds. Proposed construction build is to include a geo-grid to mitigate any potential settlement that may occur.