

AGRICULTURAL LAND CLASSIFICATION
CLEETHORPES DISTRICT LOCAL PLAN
SITE 1, STALLINGBOROUGH
(RECONNAISSANCE REPORT)

ADAS
Leeds Statutory Group

Job No: 161/93

AGRICULTURAL LAND CLASSIFICATION REPORT, CLEETHORPES DISTRICT LOCAL PLAN, SITE 1, STALLINGBOROUGH

A reconnaissance Agricultural Land Classification Survey was carried out on approximately 221ha of land to the north-east of Stallingborough, Humberside in September 1993. The site is centred around National Grid Reference TA 221121. Soils were examined by hand auger borings at points predetermined by the National Grid at the reconnaissance survey density of one boring per 4 hectares. One soil inspection pit was dug to assess subsoil structure. Average altitude is 5m AOD and the site is level to very gently sloping. Average Annual Rainfall is 602mm and the area has a field capacity duration of 132 days per year.

Land in Subgrade 3b covers most of the site (approximately 180ha). Soil profiles are imperfectly or poorly drained (Wetness Classes III-IV) and consist of stoneless, usually non calcareous, heavy silty clay loam or silty clay topsoils over gleyed clay or silty clay subsoils. Most subsoils are slowly permeable at between 20 and 45cm and are frequently calcareous at depth. This land is restricted to Subgrade 3b by soil wetness and workability restrictions.

Subgrade 3a land occurs in two small areas in the central southern part of the site, to the east and south east of the derelict water cress beds. It covers approximately 15ha. These soils are imperfectly drained to moderately well drained (Wetness Classes III-II) and generally consist of calcareous heavy clay loam or heavy silty clay loam topsoils and upper subsoils over gleyed clay or silty clay lower subsoils which are slowly permeable at between 40cm and 60cm depth. Land of this type is restricted to Subgrade 3a by wetness and workability limitations which are however less severe than on the adjoining Subgrade 3b land.

Farm woodland covers about 7ha of land in the centre of the site.

Urban land covers 7ha and consists of the derelict water cress beds in the centre of the site and a caravan park adjacent to Poplar Farm.

Farm buildings cover approximately 2ha and a further 5ha of land is in non-agricultural use as rough scrub.

11ha of the site was not surveyed as access permission was not granted.



In conclusion, the results of the reconnaissance survey suggest that soil wetness and workability limitations restrict most of the agricultural land on the site to Subgrade 3b quality. Approximately 15ha of the site is of Subgrade 3a quality.

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