



Parkhouse Farm, Harbottle, Morpeth, Northumberland, NE65 7BD
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BACKGROUND STATEMENT

**Manor Farm
Holbeach Hurn, Holbeach
Spalding, Lincolnshire**

**Proposed Reservoir
adjacent to Existing Reservoir**

Ref No. FP/012/BS October 2018

**Worth Farms Ltd
Fleet Estate Office
Manor Farm
Holbeach Hurn
Spalding
Lincolnshire
PE12 8LR**

1. BACKGROUND

Worth Farms Limited is a subsidiary division of A H Worth & Company Limited (AHW), a family business which has farmed on Holbeach Marsh for over 100 years. The farm, situated on the alluvial silts of South Lincolnshire, is currently cropped as follows:-

Wheat	750 ha
Potatoes	270 ha
Vining Peas	270 ha
Maize	250 ha
Sugar Beet	220 ha
Salad Crops	150 ha

The centre of operations is at Manor Farm, Holbeach Hurn.

Prior Approval (H09-0965-17) was granted in November 2017 for the amalgamation of the existing reservoirs at the entrance of Manor Farm (top left hand corner of photo) which are used to store surface water from some of the yards and buildings at Manor Farm which extend to nearly 12 ha in total prior to it being disposed of on the surrounding farm land.



This application is to create a new reservoir adjacent to the reservoir in the bottom left hand corner of the above photo so as to increase the storage capacity at Manor Farm.

The stored water will be used for irrigation.

Taking the average rainfall for the area to be 575mm (MAFF Technical Bulletin 34 Climate and Drainage) the total annual run off from the farmstead at Manor Farm is in the order of 69,000 cu m.

2. RESERVOIR DESIGN CRITERIA

The reservoir has been designed with reference to the following:-

Small Embankment Reservoirs; Report 161; CIRIA (Construction Industry Research and Information Association)
Floods and Reservoir Safety: an Engineering Guide; The Institution of Civil Engineers. (*F&RS*)

3. ARCHAEOLOGY

The proposed site has been site of a reservoir in the past and there is no known evidence of archaeology on the site.

Should on stripping the site any evidence be found then Lincolnshire County Councils Historic Environment Team will be advised.

4. CONCLUSION

Prior Approval should be granted for the proposed reservoir so as to enable Worth Farms Ltd to utilise the surface water run off from the farmstead for irrigation thereby assisting in future proofing the business from the affects of climate change.

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Harbottle, Morpeth, Northumberland, NE65 7BD

PLANS

FP/012/125 Site Plan

FP/012/250 Plan