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1st October 2021

Access and Design Statement

Site: Bilsham Reservoir South, Bilsham Lane, Yapton, Arundel BN18 0JX

1.0 Description: Reservoir

Langmead Farms Ltd. propose to build a new reservoir on land at Bilsham Farm, Bilsham Lane, Yapton, Arundel, BN18 0JX to hold winter abstracted water to irrigate agricultural crops.

The proposed site is adjacent to an existing reservoir, surrounded by cultivated agricultural fields with access through the existing farm entrance from Bilsham Lane.

This paper contains the key points of the proposal and should be read in conjunction with:

- The Full Planning Application
- Location Plan
- Site Plan
- Red & Blue Boundary Lines
- Elevations for the Reservoir

2.0 Proposed Development

It is planned to construct a reservoir with an overall footprint of 238m x 153m = 36,414m². The depth below ground level will be 2m with banks of 2m above ground. The reservoir is designed to hold 130million litres of water.

- Plans for this Application have been produced by Curtis Leves Technical (CLT).
- The reservoir will be designed by Andrew Hawes Associates.

This development will make a significant contribution towards increasing and extending the growing season of home-grown crops and reducing imports. It will also reduce food miles and help move food production towards the target of net zero carbon.

3.0 Site Location and Layout

The proposed new reservoir site is bounded to the North by an existing reservoir and to the South, East and West by cultivated agricultural fields.

It is proposed to build the reservoir immediately to the South of the existing reservoir. The North bank of the new reservoir will share the South bank of the existing reservoir.

4.0 Access

Access to the site will be through the existing private farm entrance off Bilsham Lane.

John Hall Consulting Ltd. – 1st October 2021