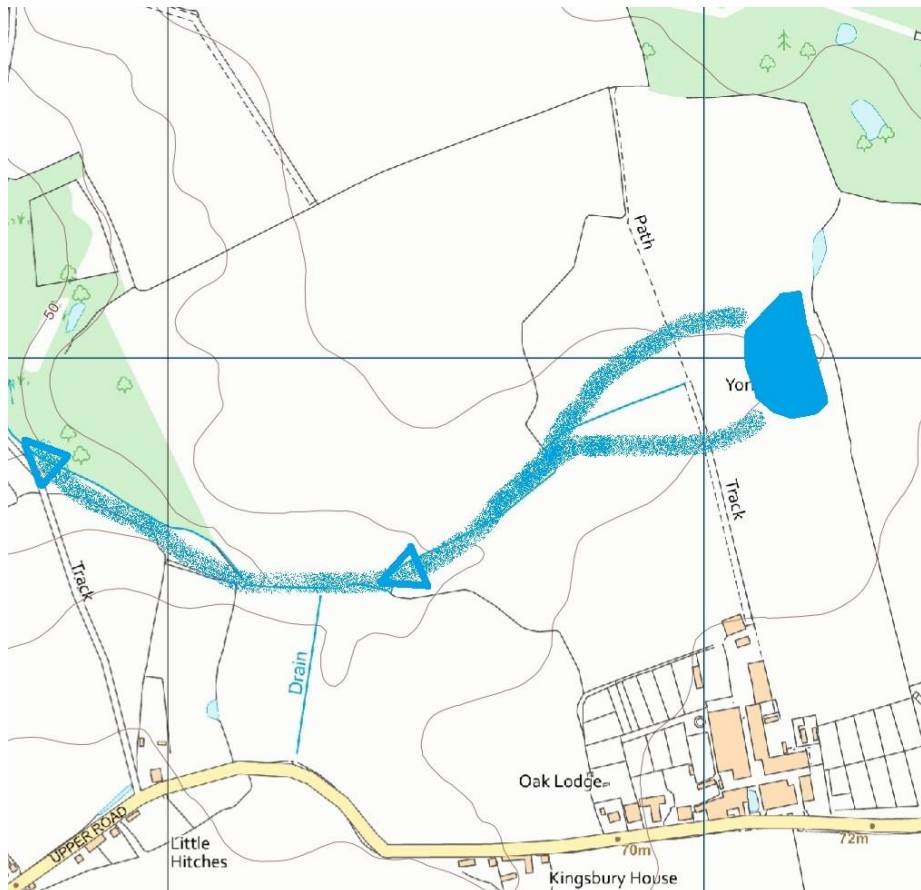


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**Construction statement and Flood Risk Assessment of proposed rainwater harvesting reservoir, Yoreley Farm, Little Cornard.**



*An uncontrolled release of water could only release 3,200 m<sup>3</sup> of water, this would run into the existing field drainage system*

**Reservoir design.**

As the proposal does not retain more than 25,000m<sup>3</sup> of water above the natural ground level it does not fall within the 1975 Reservoirs Act as amended by the Water Act, design and construction works however will be completed to the standards recommended by the Act.

The construction will involve a balanced cut and fill operation, no soil will leave or be brought onto the farm. The existing clay on the site will be engineered into a water proof containment.

**Uncontrolled release of water.**

With only 3,200m<sup>3</sup> being released in a theoretical dam breach there is no risk to life. Any uncontrolled release of water would flow west in the existing field drains.

**Andrew Hawes**  
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*The existing drainage system could accommodate any uncontrolled release of water.*

## **Conclusions.**

No material would be brought onto of removed from site.

There is no risk to human habitation resulting from an uncontrolled release of water.

The proposals do not result in a loss of flood plain storage.

Andrew Hawes