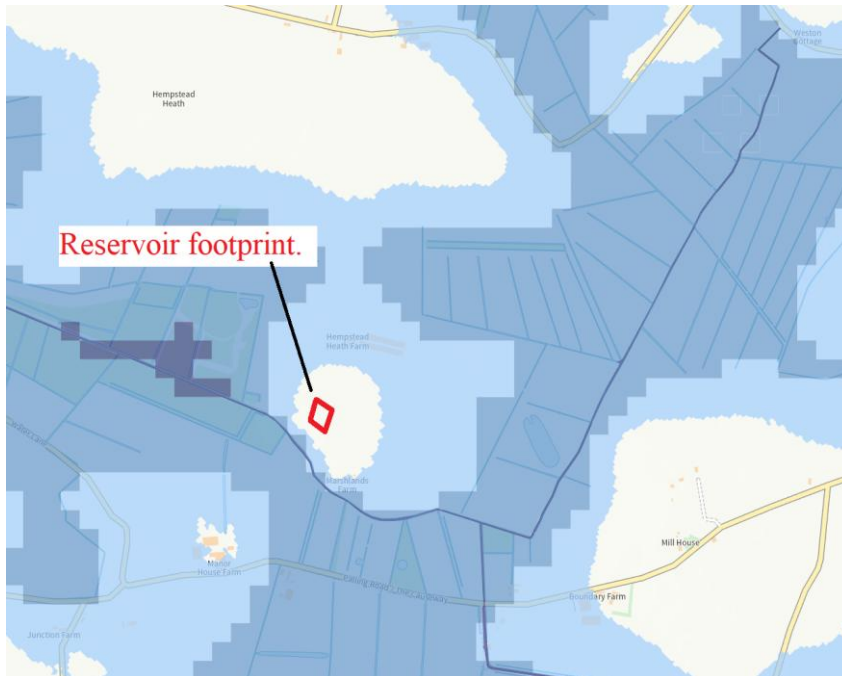




November 25, 2022

Construction statement and Flood Risk Assessment of proposed construction of a winter storage irrigation reservoir, Hempstead Heath Farm.



An uncontrolled release of water could only release 14,000 m³ of water, this would run south into the Commissioners Drain. As can be seen the site has been chosen for its elevation above ground water and flooding.

Reservoir design.

As the proposal does not retain more than 25,000m³ of water above the natural ground level it does not fall within the 1975 Reservoirs Act as amended by the 2010 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.

Uncontrolled release of water.

Only 14,000 m³ would be released in a theoretical uncontrolled release of water, this would flow south into the Commissioners Drain. There is no risk to life.

Conclusions.

No material would be brought onto or 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