Submission ID: 32344

Dear Sirs,
I remain very concerned with the contribution made by Tillbridge to flooding of the catchment area of the River Till under prolonged periods of heavy rain, in addition to storm water run off from adjacent ground based industrial solar installations onto the Flood plain of the River Till, which will certainly exacerbate an already existing flooding problem.
Curently, crops grown on thousands of acres of farmland on the river Till floodplain, (outside those areas which will be lost to ground based industrial solar), are significantly affected by flooding, which has already become more frequent in recent years, with resulting interruption of normal farming practices and ruined crops.
Farming on clay soils is all about timing, weather and opportunity.
The suggestion by the Applicant that flooding mitigation by the clay soil will remain the same as before, defies logic and implies a lack of scientific understanding.
How can the developer consider that land lying beneath the inclined solar arrays and in the rain shadow, would alllow infitration of storm water run off at the same rate as before development?
In reality, storm water will rapidly run off the surfaces of the impervious, inclined panels to the drip line, where it will form rivulets in a rapid flow, preventing the infilltration of water in the area of mitigation beneath the panels.
When the river Witham is in spate, the Upper Witham Drainage Board, under the direction of the Environment Agency, routinely shut off the river Till transfer pumps at Odder, to prevent water flowing along the Fossdyke Navigation Canal into the Brayford Pool and flooding the centre of Lincoln.
With regards to flooding of the River Till catchment area, the Tillbridge Solar Project cannot and must not be considered in isolation.
Roger Jones, CChem, MRSC
Senior Member of the Water Management Society