ID: 20037189 - COTTAM SOLAR - Part 1 - APPENDIX 1A - Additional Flood Photographs - Open Floor Hearing Oral submission - Tuesday 5th September 2023 - Deadline 1 - 17 October 2023

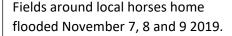
Below are a few images of the flooding in 2019. The extent of the flooding can also be seen at Part 1 – Appendix 1B forming part of this submission. The villages of Sturton by Stow, Thorpe le Fallows, Stow, Willingham by Stow and, Bransby, including the centre of Lincoln City last flooded in 2019. There are also historical flood images from the early 1900s included for Sturton by Stow in this Appendices. During periods of prolonged heavy rain and melting snow fall flooding has persisted in all these villages during the past plus years since moving to the area including in 2010.

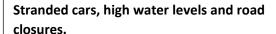
The images below are of various areas within the surrounding villages of the proposed Cottam Solar Farm that were flooded in November 2019 and previously. The flooding, which was well documented at the time on TV, radio, the press, police notices etc, caused havoc in the affected areas. There were in the region of 17 river flood alerts issued, including for the Fossdyke Canal and River Till being just one of these. The River Till is classed as a main river, although a tributary of the River Witham.











This image is of Fleets Road, Sturton by Stow at the junction with the High Street (B1241) the main thoroughfare through the village. The two roads were flooded over 7, 8 and 9 November 2019 and were closed to traffic along with the A1500 (Tillbridge Lane), which dissects the B1241 also being closed.

The flooding also affected Stow Park Road on the outskirts of Sturton by Stow near to the junction to the A1500.

Cars that attempted to get through were stranded in the high water levels before police closed the roads.

The village school was also closed due to the flooding.



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There was flooding at Queensway off Saxilby Road. The road was inundated with flood water such that the Police and Fire Services were in attendance and pumping operations commenced. (November 2019)



This is an earlier image, prior to 2019 of flooding on Saxilby Road, Sturton by Stow, when the Fire Service were in attendance pumping the water.

Willingham by Stow, a village 3 miles further along the B1241 from Sturton by Stow, was also under deep floodwater in the centre of the village after heavy rain fell overnight. Doctors has to be taken to work in the bucket of a forklift after the village surgery became surrounded by water. (November 2019)

https://www.lincolnshirelive.co.uk/news/local-news/floods-lincolnshire-surgery-willingham-3516640



Flood hit Willingham by Stow November 2019.

A car became trapped in water that had flooded Marton Road, Willingham by Stow and had to be taken away on a recovery vehicle.

There are some very informative images of the extensive flooding in Willingham by Stow which illustrate the very deep water in 2019 but they are not available to include with this submission at this time.

Lincoln City was hit by flooding on November 8th 2019 as rivers burst. Roads were blocked. Areas of the City disappeared under flood water. There was flooding at the Wigford Way underpass in Lincoln City and Brayford Wharf North. Lucy Tower Street in the City centre was also closed. Police were advising people to avoid the Brayford Wharf North area.

https://thelincolnite.co.uk/2019/11/live-updates-on-flood-hit-lincoln-as-roads-blocked-and-rivers-burst/

The flooding also affected train services between Sheffield, Lincoln and Gainsborough.

The local bus service was unable to provide a service to Willingham by Stow, Stow and Sturton by Stow due to the flooding on 7th November 2019.

In December 2012 flooding shut two major River Trent Bridges and police closed the A57 at Dunham Bridge, near Saxilby. There is a history of flooding in Sturton by Stow and further afield, which dates back to the early 1900s if not before. See images on page 3.

HISTORICAL IMAGES OF FLOODING IN STURTON BY STOW FROM THE TURN OF THE CENTURY (1900) ONWARDS



High Street, Sturton by Stow







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Showground - Deadline 1 - 17 October 2023 "Heavy rain has been falling over Lincolnshire throughout Thursday and into Friday night, and this has caused river levels to rise rapidly in the River Witham". "The rising river levels have already caused flooding of low lying land and roads".

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Images A, B, C & D below are from images of an aerial view of fields under flood water at the proposed Cottam 1 solar location over the period 8th / 9th November, 2019 and form part of the above submission at Part 1 Appendix 1. Fleets Lane is on the left hand side (white vehicle on road) and cottages in the floodwater are in the top left quarter of the image in the floodplain located at Viewing Point 10 of the Environmental Statement Appendix 8.1.5 Photography & Photomontage Methodology Part 1 – 5. January 2023. It is the third time in the versided here that the fields in the view and further beyond have been flooded in this way. Following prolonged heavy and deep snowfall in January 2010 snow melt also caused serious flooding to these areas. There is a long history and photographic evidence from the start of the 1900s of flooding across several villages within the Cottam 1 scheme. There was further large scale flooding to the fields in these images during the summer circa 1999/2000 when crops were submerged. The centre line is Thorpe Lane under flood water which leads to Thorpe le Fallows and Viewpoints 7 and 6 contained in the above Environmental Statement.



ID: 20037189 - COTTAM SOLAR - Part 1 - APPENDIX 1B - Flood Photographs - Open Floor Hearing oral submission - Tuesday 5th September 2023 Lincolnshire Showground - Deadline 1 - 17 October 2023. Cottages located at Viewpoint 10 in the Environmental Statement centre left in the image below. Page 2 of 7

Attachment B

IMG_1050.jpg

Flooding 8th/9th November 2019.

River Till towards
Thorpe le Fallowes
near Sturton by Stow –
Viewpoint 7 contained
in Environmental
Statement. Here the
overflow dykes and
the River have burst
their banks. Lincoln
City Centre was also
under considerable
flood water at this
time.

At point of arrow is River Till Bridge - Viewpoint 7 in the Environmental Statement noted on page 1 of 7. In the field(s) beyond the River Till, the field in the centre and others in this image is where the proposed 4.5m high tracking solar panels and associated hardware are to be sited.



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Attachment C IMG_1052.jpg

Flooding 8th/9th November 2019.

Centre of page is the T-Junction of Thorpe Lane (L) and (R) of image and Fleets Road to bottom R corner.

Travelling R along Thorpe Lane leads to the A1500 where arrow head is pointing. The A1500 was flooded and closed. (see Attachment D).

Thorpe Lane (L) leads to Thorpe le Fallows and Viewpoint 7 in the Environmental Statement referred to earlier on Page 1 of 7. at Lincolnshire Showground - Deadline 1 – 17 October 2023

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Attachment D

IMG_ 1057.jpg

Flooding 8th/9th November 2019

The outskirts of Sturton by Stow. To the right of the image is the land owned by Bransby Horses Home and referred to in my oral submission at the Open Floor Hearing on 5 September 2023 held at Lincolnshire Showground.

To the left of the above land, running diagonally through this image, is the A1500 which was closed as a result of being under flood water for some distance. The road leading to Thorpe le Fallows at Viewpoint 7 is also submerged under the flood water as dykes through the fields and alongside the lanes have also burst their banks.

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Image submitted below taken by writer.



January 2010

P1010976.jpg

Snowfall over the same fields shown in images A,B,C & D on pages 1, 2,3 and 4 of this document.

Lincoln Cliff, Jurasssic Escarpment along the B1398 on the distant horizon.

ID: 20037189 - COTTAM SOLAR - Part 1 - APPENDIX 1B - Flood Photographs - Open Floor Hearing oral submission - Tuesday 5th September 2023 at Lincolnshire Showground - Deadline 1 - 17 October 2023 - Page 6 of 7 Image submitted below taken by the writer.



January 2010

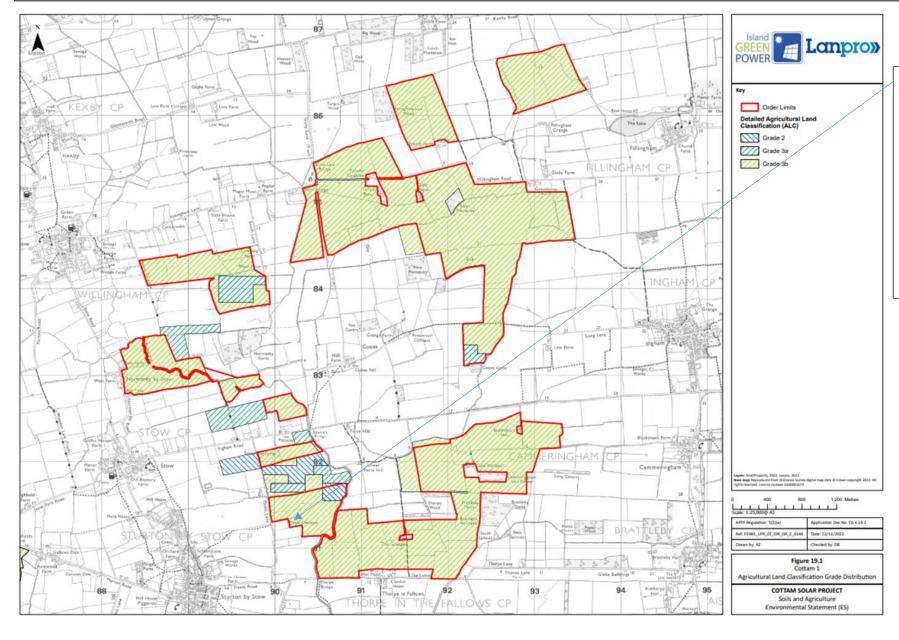
P1010978.jpg

Looking towards (Viewpoint 10) on Fleets Lane on exit from PRoW at Sturton by Stow.

Beyond is the village of Thorpe le Fallows with the Lincoln Cliff on road B1398, on the horizon.

Rapid melting after heavy, deep snowfall in 2010 led to flooding again on the scale of the Attachments A, B, C & D above shown on pages 1, 2, 3 and 4 herein. ID: 20037189 - COTTAM SOLAR - Part 1 - APPENDIX 1B - Flood Photographs - Open Floor Hearing oral submission - Tuesday, 5th September 2023 at Lincolnshire Showground - Deadline 1 - 17 October 2023.

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The arrow is at (Viewpoint 10), Fleets Lane, Sturton by Stow to assist in the identification of locations in this submission and to enable the reader to have a central reference point to work from.