

## Simple Calculation of Atmospheric Limits (SCAIL) Report – Pear Tree Hill Road, near Whaplode Drove, Spalding in Lincolnshire

AS Modelling & Data Ltd.

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## 1. Introduction and background details

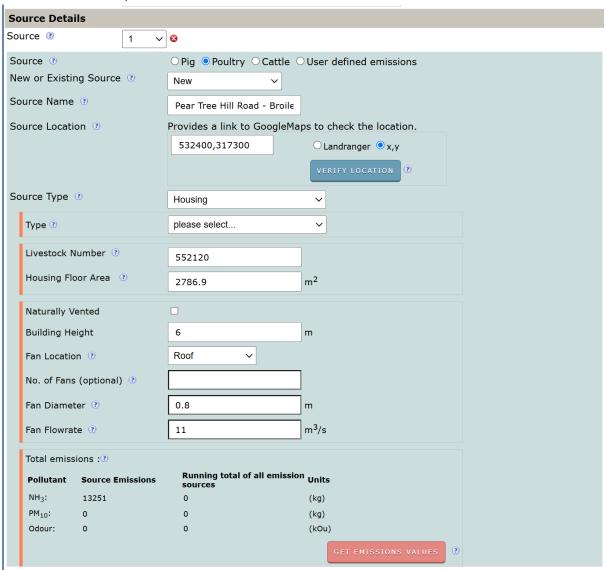
AS Modelling & Data Ltd. has been instructed by Mr. James Whilding of Acorus Rural Property Services Ltd., on behalf of Mr. Stuart Adams of Holbeach Poultry Ltd/Bowler Adams LLP, to use SCAIL to assess the impact of ammonia, nitrogen and acid deposition from the proposed broiler chicken rearing houses at Pear Tree Hill Road, Whaplode Drove, Spalding, Lincolnshire. PE12 OSL.

A search of statutory sites within 10 km (the normal screening distance for statutory sites) has been conducted within SCAIL. The search found one Special Site of Scientific Interest (SSSIs), Cow Bit Wash SSSI, which is designated for geological features. There are no internationally designated sites within 10 km. A search for non-statutory sites within 2 km (the normal screening distance for non-statutory sites) has also been conducted by AS Modelling & Data Ltd, none have been identified.

The receptor search from SCAIL can be seen below.



The source details input into SCAIL can be seen below.



## 2. Results

The SCAIL modelling confirms that Cow Bit Wash SSSI has no sensitive habitat or species (as it is a geological designation) and therefore permits the Local Authority to proceed to the determination stage without the necessity for any further assessment. The results can be seen below.

