

NYMNPA

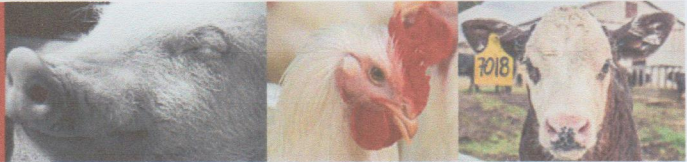
16/08/2019

From: Sylvia Terry
Sent: 15 August 2019 17:50
To: Hilary Saunders
Subject: Re: FW: New application post - NYM/2019/0466/AGRP - Stoupe Brow Cottage Farm, Ravenscar - Natural England

Dear Hillary,
Will spoke to 'Natural England' (who had never done one of these before) and was going to get someone from the York Office to explain it to us. I have filled it in and enclose a copy and I have submitted it to SCAIL Now I hope our planning for the cattle shed can progress
Yours sincerely
Sylvia Terry

SCAIL

Simple Calculation of Atmospheric Impact Limits



[Scail Home](#) | [User Guide](#) | [SCAIL-Agriculture Report](#) | [Regulator Contact Details](#) | [Contact Us](#) | [Online Tutorial](#)

We have made a number of improvements to the SCAIL for agriculture tool. We have added cattle as a livestock option to cover their emissions. These are set out for housing, landspreading, manure/slurry storage, grazing and outdoor yards. Users can also add their own emissions. The layout should be simpler to use with larger font and input boxes. If you experience any issues then please [Contact Us](#)

SCAIL background pollution maps have been updated to the 3-year average for 2015-2017.

Simple Calculation of Atmospheric Impact Limits from Agricultural Sources (SCAIL-Agriculture) is a screening tool for assessing the impact from pig and poultry farms on human health and on semi-natural areas like SSSIs and SACs. The model provides an estimate of the amount of acidity and nitrogen deposited from a farm as well as predictions of air concentrations of odour and PM10. These values can then be used to assess whether impact limits for human health or habitats are exceeded or not.

Information regarding the use of SCAIL-Agriculture as a screening tool and instructions for completing the assessment form are provided in the SCAIL-Agriculture User Guide. The User Guide also contains background information on regulatory requirements for the use of SCAIL-Agriculture, including instances where further detailed modelling of emissions will be required. **The relevant regulatory authority should be consulted for guidance regarding assessment requirements for planning and permitting purposes.**

LOAD INPUT DATA ?

Project Details

Project Notes ?

Project Run Mode ? Conservative Met Realistic Met

Location Details

Select Country ?

Installation Details

Installation ?

Installation Name ?

Installation Location ? Landranger x,y
 ?

Source Details

Source ?

Source ? Pig Poultry Cattle User defined emissions

New or Existing Source ?

Source Name ?

Source Location ? Provides a link to GoogleMaps to check the location.
 Landranger x,y
 ?

Source Type ?

Type ?

Details ?

Livestock Number ?

Housing Floor Area ? m²

Number of days ? days

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Naturally Vented

Building Height m

Fan Location

No. of Fans (optional)

Fan Diameter metres

Fan Flowrate m³/s

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Total emissions :

Pollutant	Source Emissions	Running total of all emission sources	Units
NH ₃ :	NaN	NaN	(kg)
PM ₁₀ :	NaN	NaN	(kg)
Odour:	NaN	NaN	(kOu)

Designated Site details:

Search Radius km

No. of Designated Sites

Site No.	Name	Distance(km)	Designation	Country	Easting	Northing
1	Robin Hoods Bay: Maw Wyke To Beast Cliff	0.202	SSSI	undefined	496006.9	503144.1
2	Beast Cliff - Whitby (Robin Hood's Bay)	0.208	SAC	undefined	496040.2	503137.4
3	North York Moors	0.675	SSSI	undefined	496172.9	502313.4
4	North York Moors	0.675	SAC	undefined	496175.4	502314.2
5	North York Moors	0.678	SPA	undefined	496175.7	502310.2
6	Castlebeck & Scar Woods	3.748	SSSI	undefined	495170.8	499284.1
7	Harwood Dale Moor	3.815	SSSI	undefined	496114.3	499138.1
8	Billar Howe Dale	4.067	SSSI	undefined	492715.5	500484
9	Littlebeck Wood	7.612	SSSI	undefined	488432.6	504147.5
10	Hayburn Wyke	7.625	SSSI	undefined	500875.6	497129.2
11	Iron Scar & Hundale Point To Scalby Ness	8.617	SSSI	undefined	501601	496445.3
12	Whitby-Saltwick	9.041	SSSI	undefined	491688.1	510923.1

User specified site

Site Name

Site Location Landranger x,y

Habitat within site

Human Health Receptor Details

Receptor PM₁₀ percentile

Receptor Name

Receptor Location Landranger x,y

CHECK BACKGROUND PM10 LEVELS 

SAVE INPUT DATA

CLEAR FORM

CALCULATE

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