

Date: 21 March 2023  
Our ref: 424296  
Your ref: NYM/2023/0064



Hilary Saunders  
North York Moors National Park Authority  
The Old Vicarage  
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Helmsley  
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YO62 5BP

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Hornbeam House  
Crewe Business Park  
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CW1 6GJ

**BY EMAIL ONLY**

Dear Hilary Saunders

**Planning consultation:** NYM/2023/0064 - Application for VOC 5 of NYM/2022/0212 to allow no more than 250 young cattle or 1250 weaner piglets & not to be kept in the barn for more than 360 days & updated SCAIL assessment

**Location:** Beacon Farm, Beacon Brow Rd, Scalby.

Thank you for your consultation on the above dated 02 March 2023 which was received by Natural England on the same date.

Natural England is a non-departmental public body. Our statutory purpose is to ensure that the natural environment is conserved, enhanced, and managed for the benefit of present and future generations, thereby contributing to sustainable development.

**SUMMARY OF NATURAL ENGLAND'S ADVICE**

**NO OBJECTION**

Based on the plans submitted, Natural England considers that the proposed development will not have significant adverse impacts on designated sites and has no objection.

Natural England's further advice on designated sites/landscapes and advice on other natural environment issues is set out below.

**European sites – North York Moors Special Area of Conservation (SAC) and Special Protection Area (SPA) and Beast Cliff – Whitby (Robin Hood's Bay) Special Area of Conservation (SAC)**

Natural England provide the following advice on the understanding that there will be one type of livestock housed in the barn at once, without overlap. Based on the plans submitted, Natural England considers that the proposals will not have likely significant effects on the North York Moors SAC and SPA and Beast Cliff – Whitby (Robin Hood's Bay) SAC and has no objection to the proposed development.

To meet the requirements of the Habitats Regulations, we advise you to record your decision that a likely significant effect can be ruled out. The following may provide a suitable justification for that decision:

- The SCAIL documents provided indicate that there would not be an exceedance of 1% process contribution (PC) of the relevant environmental threshold.

It is unclear whether an in combination assessment was undertaken for the previously approved application at this site (NYM/2022/0212). We advise that if your Authority identifies other developments in proximity to this application, which are not currently reflected in the background levels, and which will lead to an in combination impact of >1% PC, then an Appropriate Assessment will be required.

### **North York Moors, Castlebeck & Scar Woods, Hayburn Wyke, Raincliffe & Forge Valley Woods, Robin Hoods Bay Maw Wyke to Beast Cliffe, Biller Howe Dale and Cokrah Wood Sites of Special Scientific Interest**

The submitted SCAIL assessment demonstrates that there will not be exceedances of 1% process contribution (PC) due to a change from cattle to pigs. Therefore, Natural England considers that the proposed development will not damage or destroy the interest features for which the site has been notified and has no objection.

### **Protected Landscapes – North York Moors National Park**

The proposed development is for a site within or close to a nationally designated landscape namely North York Moors National Park. Natural England advises that the planning authority uses national and local policies, together with local landscape expertise and information to determine the proposal. The policy and statutory framework to guide your decision and the role of local advice are explained below.

Your decision should be guided by paragraph 176 and 177 of the National Planning Policy Framework which gives the highest status of protection for the 'landscape and scenic beauty' of AONBs and National Parks. For major development proposals paragraph 177 sets out criteria to determine whether the development should exceptionally be permitted within the designated landscape.

Alongside national policy you should also apply landscape policies set out in your development plan, or appropriate saved policies.

The landscape advisor/planner for the National Park will be best placed to provide you with detailed advice about this development proposal. Their knowledge of the site and its wider landscape setting, together with the aims and objectives of the park's management plan, will be a valuable contribution to the planning decision. Where available, a local Landscape Character Assessment can also be a helpful guide to the landscape's sensitivity to this type of development and its capacity to accommodate the proposed development.

The statutory purposes of the National Park are to conserve and enhance the natural beauty, wildlife and cultural heritage of the park; and to promote opportunities for the understanding and enjoyment of the special qualities of the park by the public. You should assess the application carefully as to whether the proposed development would have a significant impact on or harm those statutory purposes. Relevant to this is the duty on public bodies to 'have regard' for those statutory purposes in carrying out their functions (section 11 A(2) of the National Parks and Access to the Countryside Act 1949 (as amended)). The Planning Practice Guidance confirms that this duty also applies to proposals outside the designated area but impacting on its natural beauty.

Further general advice on the consideration of protected species and other natural environment issues is provided at Annex A.

Should the proposal change, please consult us again.

If you have any queries relating to the advice in this letter please contact me on

Yours sincerely

Elen Squires  
Yorkshire and Northern Lincolnshire Area Team  
Natural England

## Annex A – Additional advice

Natural England offers the following additional advice:

### Landscape

Paragraph 174 of the [National Planning Policy Framework](#) (NPPF) highlights the need to protect and enhance valued landscapes through the planning system. This application may present opportunities to protect and enhance locally valued landscapes, including any local landscape designations. You may want to consider whether any local landscape features or characteristics (such as ponds, woodland, or dry-stone walls) could be incorporated into the development to respond to and enhance local landscape character and distinctiveness, in line with any local landscape character assessments. Where the impacts of development are likely to be significant, a Landscape & Visual Impact Assessment should be provided with the proposal to inform decision making. We refer you to the [Landscape Institute](#) Guidelines for Landscape and Visual Impact Assessment for further guidance.

### Best and most versatile agricultural land and soils

Local planning authorities are responsible for ensuring that they have sufficient detailed agricultural land classification (ALC) information to apply NPPF policies (Paragraphs 174 and 175). This is the case regardless of whether the proposed development is sufficiently large to consult Natural England. Further information is contained in [GOV.UK guidance](#). Agricultural Land Classification information is available on the [Magic](#) website on the [Data.Gov.uk](#) website. If you consider the proposal has significant implications for further loss of 'best and most versatile' agricultural land, we would be pleased to discuss the matter further.

Guidance on soil protection is available in the Defra [Construction Code of Practice for the Sustainable Use of Soils on Construction Sites](#), and we recommend its use in the design and construction of development, including any planning conditions. For mineral working and landfilling separate guidance on soil protection for site restoration and aftercare is available on [Gov.uk](#) website. Detailed guidance on soil handling for mineral sites is contained in the Institute of Quarrying [Good Practice Guide for Handling Soils in Mineral Workings](#).

Should the development proceed, we advise that the developer uses an appropriately experienced soil specialist to advise on, and supervise soil handling, including identifying when soils are dry enough to be handled and how to make the best use of soils on site.

### Protected Species

Natural England has produced [standing advice](#)<sup>1</sup> to help planning authorities understand the impact of particular developments on protected species. We advise you to refer to this advice. Natural England will only provide bespoke advice on protected species where they form part of a Site of Special Scientific Interest or in exceptional circumstances.

### Local sites and priority habitats and species

You should consider the impacts of the proposed development on any local wildlife or geodiversity sites, in line with paragraphs 175 and 179 of the NPPF and any relevant development plan policy. There may also be opportunities to enhance local sites and improve their connectivity. Natural England does not hold locally specific information on local sites and recommends further information is obtained from appropriate bodies such as the local records centre, wildlife trust, geoconservation groups or recording societies.

Priority habitats and Species are of particular importance for nature conservation and are included in the England Biodiversity List published under section 41 of the Natural Environment and Rural Communities Act 2006. Most priority habitats will be mapped either as Sites of Special Scientific Interest, on the [Magic](#) website or as Local Wildlife Sites. List of priority habitats and species can be found on [Gov.uk](#). Natural England does not routinely hold species data, such data should be collected when impacts on priority habitats or species are considered likely. Consideration should also be given to the potential environmental value of brownfield sites, often found in urban areas and former industrial land, further information including links to the open mosaic habitats inventory can be found [here](#).

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<sup>1</sup> <https://www.gov.uk/protected-species-and-sites-how-to-review-planning-proposals>

## Annex A – Additional advice

### Ancient woodland, ancient and veteran trees

You should consider any impacts on ancient woodland and ancient and veteran trees in line with paragraph 180 of the NPPF. Natural England maintains the Ancient Woodland [Inventory](#) which can help identify ancient woodland. Natural England and the Forestry Commission have produced [standing advice](#) for planning authorities in relation to ancient woodland and ancient and veteran trees. It should be taken into account by planning authorities when determining relevant planning applications. Natural England will only provide bespoke advice on ancient woodland, ancient and veteran trees where they form part of a Site of Special Scientific Interest or in exceptional circumstances.

### Environmental gains

Development should provide net gains for biodiversity in line with the NPPF paragraphs 174(d), 179 and 180. Development also provides opportunities to secure wider environmental gains, as outlined in the NPPF (paragraphs 8, 73, 104, 120, 174, 175 and 180). We advise you to follow the mitigation hierarchy as set out in paragraph 180 of the NPPF and firstly consider what existing environmental features on and around the site can be retained or enhanced or what new features could be incorporated into the development proposal. Where onsite measures are not possible, you should consider off site measures. Opportunities for enhancement might include:

- Providing a new footpath through the new development to link into existing rights of way.
- Restoring a neglected hedgerow.
- Creating a new pond as an attractive feature on the site.
- Planting trees characteristic to the local area to make a positive contribution to the local landscape.
- Using native plants in landscaping schemes for better nectar and seed sources for bees and birds.
- Incorporating swift boxes or bat boxes into the design of new buildings.
- Designing lighting to encourage wildlife.
- Adding a green roof to new buildings.

Natural England's [Biodiversity Metric 3.1](#) may be used to calculate biodiversity losses and gains for terrestrial and intertidal habitats and can be used to inform any development project. For small development sites the [Small Sites Metric](#) may be used. This is a simplified version of [Biodiversity Metric 3.1](#) and is designed for use where certain criteria are met. It is available as a beta test version.

You could also consider how the proposed development can contribute to the wider environment and help implement elements of any Landscape, Green Infrastructure or Biodiversity Strategy in place in your area. For example:

- Links to existing greenspace and/or opportunities to enhance and improve access.
- Identifying opportunities for new greenspace and managing existing (and new) public spaces to be more wildlife friendly (e.g. by sowing wild flower strips)
- Planting additional street trees.
- Identifying any improvements to the existing public right of way network or using the opportunity of new development to extend the network to create missing links.
- Restoring neglected environmental features (e.g. coppicing a prominent hedge that is in poor condition or clearing away an eyesore).

Natural England's [Environmental Benefits from Nature tool](#) may be used to identify opportunities to enhance wider benefits from nature and to avoid and minimise any negative impacts. It is designed to work alongside [Biodiversity Metric 3.1](#) and is available as a beta test version.

### Access and Recreation

Natural England encourages any proposal to incorporate measures to help improve people's access to the natural environment. Measures such as reinstating existing footpaths together with the creation of new footpaths and bridleways should be considered. Links to other green networks and, where appropriate, urban fringe areas should also be explored to help promote the creation of wider green infrastructure. Relevant aspects of local authority green infrastructure strategies should be delivered where appropriate.

## **Annex A – Additional advice**

### **Rights of Way, Access land, Coastal access and National Trails**

Paragraphs 100 and 174 of the NPPF highlight the importance of public rights of way and access. Development should consider potential impacts on access land, common land, rights of way and coastal access routes in the vicinity of the development. Consideration should also be given to the potential impacts on any nearby National Trails. The National Trails website [www.nationaltrail.co.uk](http://www.nationaltrail.co.uk) provides information including contact details for the National Trail Officer. Appropriate mitigation measures should be incorporated for any adverse impacts.

### **Biodiversity duty**

Your authority has a [duty](#) to have regard to conserving biodiversity as part of your decision making. Conserving biodiversity can also include restoration or enhancement to a population or habitat. Further information is available [here](#).

**Site Information** Hackness Rock Pit (SSSI) ↕

Region: England  
 Site Name: Hackness Rock Pit  
 Site Code: 3285  
 Designation Status: SSSI  
 Distance from Installation (m): 3041  
 Receptor Type: Habitat  
 Grid Reference: 496592.1,490674  
 Met Site: CHUR  
 Run Mode: Conservative  
 PM<sub>10</sub> Percentile: Average

**Installation Information** ↕

No.	Name	No. of sources	No. of new sources	PM <sub>10</sub> (t/a)	NH <sub>3</sub> (t/a)	Odour (kOu/a)	Conc NH <sub>3</sub> (µg/m <sup>3</sup> )	Dep N (kg/ha/yr)	Dep Acid (kEq H <sup>+</sup> /ha/yr)	Conc PM <sub>10</sub> (µg/m <sup>3</sup> )	Conc Odour (Ou/m <sup>3</sup> )
1	Beacon Farm	1	1	-	0.26	-	0.01	0.04	0.003	-	-

**Total Depositions/Concentrations and Exceedances** ↕

Concentrations/Depositions and Critical Loads/Levels	NH <sub>3</sub> (µg/m <sup>3</sup> )	N Dep. (kg N/ha/yr)	Acid Dep. (kEq H <sup>+</sup> /ha/yr)	PM <sub>10</sub> (µg/m <sup>3</sup> )	Odour (Ou/m <sup>3</sup> )
Process Contribution (PC) at receptor edge	0.00764	0.04	0.003	-	-
Background concentration at receptor edge	1.38	17.64	1.46 (N:1.26 S:0.20)	-	-
Background concentration at receptor edge <span style="float: right;">↕</span>	1.39	17.68	1.46	-	-
<b>Predicted Environmental Concentration/Deposition (PEC)</b> <span style="float: right;">↕</span>					
Environmental Assessment Level or Critical Load / Level <span style="float: right;">↕</span>	Lower: 1 Upper: 3 <span style="float: right;">↕</span>	No sensitive habitat or species at this site	No sensitive habitat or species at this site	-	-
<b>ALTERNATIVE CRITICAL LOAD INFO</b>					
<b>USE OWN THRESHOLDS?</b>					
% of relevant standard PC <span style="float: right;">↕</span>	Lower: 1% Upper: 0%	n/a	n/a	-	-
% of relevant standard PEC <span style="float: right;">↕</span>	Lower: 139% Upper: 46%	n/a	n/a	-	-
<b>EXCEEDANCE</b> <span style="float: right;">↕</span>	Lower: 0.39 Upper: No exceedance	n/a	n/a	-	-

**Project Notes**

Beacon Farm

**Site Information** Hackness Head Quarry (SSSI) ↗

Region: England  
 Site Name: Hackness Head Quarry  
 Site Code: 3158  
 Designation Status: SSSI  
 Distance from Installation (m): 3160  
 Receptor Type: Habitat  
 Grid Reference: 496621.8,490454.1  
 Met Site: CHUR  
 Run Mode: Conservative  
 PM<sub>10</sub> Percentile: Average

**Installation Information**

No.	Name	No. of sources	No. of new sources	PM <sub>10</sub> (t/a)	NH <sub>3</sub> (t/a)	Odour (kOu/a)	Conc NH <sub>3</sub> (µg/m <sup>3</sup> )	Dep N (kg/ha/yr)	Dep Acid (kEq H <sup>+</sup> /ha/yr)	Conc PM <sub>10</sub> (µg/m <sup>3</sup> )	Conc Odour (Ou/m <sup>3</sup> )
1	Beacon Farm	1	1	-	0.26	-	0.01	0.04	0.003	-	-

**Total Depositions/Concentrations and Exceedances**

Concentrations/Depositions and Critical Loads/Levels	NH <sub>3</sub> (µg/m <sup>3</sup> )	N Dep. (kg N/ha/yr)	Acid Dep. (kEq H <sup>+</sup> /ha/yr)	PM <sub>10</sub> (µg/m <sup>3</sup> )	Odour (Ou/m <sup>3</sup> )
Process Contribution (PC) at receptor edge	0.00723	0.04	0.003	-	-
Background concentration at receptor edge	1.38	17.64	1.46 (N:1.26 S:0.20)	-	-
Background concentration at receptor edge	1.39	17.68	1.46	-	-
<b>Predicted Environmental Concentration/Deposition (PEC)</b>					
Environmental Assessment Level or Critical Load / Level	Lower: 1 Upper: 3	No sensitive habitat or species at this site	No sensitive habitat or species at this site	-	-
<b>ALTERNATIVE CRITICAL LOAD INFO</b>					
<b>USE OWN THRESHOLDS?</b>					
% of relevant standard PC	Lower: 1% Upper: 0%	n/a	n/a	-	-
% of relevant standard PEC	Lower: 139% Upper: 46%	n/a	n/a	-	-
<b>EXCEEDANCE</b>	Lower: 0.39 Upper: No exceedance	n/a	n/a	-	-

**Project Notes**

Beacon Farm

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Site Information **Iron Scar & Hundale Point To Scalby Ness (SSSI)**

Region: England  
 Site Name: Iron Scar & Hundale Point To Scalby Ness  
 Site Code: 3168  
 Designation Status: SSSI  
 Distance from Installation (m): 3781  
 Receptor Type: Habitat  
 Grid Reference: 502708.9,493130.8  
 Met Site: CHUR  
 Run Mode: Conservative  
 PM<sub>10</sub> Percentile: Average

Installation Information

No.	Name	No. of sources	No. of new sources	PM <sub>10</sub> (t/a)	NH <sub>3</sub> (t/a)	Odour (kOu/a)	Conc NH <sub>3</sub> (µg/m <sup>3</sup> )	Dep N (kg/ha/yr)	Dep Acid (kEq H <sup>+</sup> /ha/yr)	Conc PM <sub>10</sub> (µg/m <sup>3</sup> )	Conc Odour (Ou/m <sup>3</sup> )
1	Beacon Farm	1	1	-	0.26	-	0.01	0.03	0.002	-	-

Total Depositions/Concentrations and Exceedances

Concentrations/Depositions and Critical Loads/Levels	NH <sub>3</sub> (µg/m <sup>3</sup> )	N Dep. (kg N/ha/yr)	Acid Dep. (kEq H <sup>+</sup> /ha/yr)	PM <sub>10</sub> (µg/m <sup>3</sup> )	Odour (Ou/m <sup>3</sup> )
Process Contribution (PC) at receptor edge	0.00559	0.03	0.002	-	-
Background concentration at receptor edge	1.38	15.54	1.29 (N:1.11 S:0.18)	-	-
Background concentration at receptor edge	1.39	15.57	1.29	-	-
<b>Predicted Environmental Concentration/Deposition (PEC)</b>					
Environmental Assessment Level or Critical Load / Level	Lower: 1 Upper: 3	No sensitive habitat or species at this site	No sensitive habitat or species at this site	-	-
<b>ALTERNATIVE CRITICAL LOAD INFO</b>					
<b>USE OWN THRESHOLDS?</b>					
% of relevant standard PC	Lower: 1% Upper: 0%	n/a	n/a	-	-
% of relevant standard PEC	Lower: 139% Upper: 46%	n/a	n/a	-	-
<b>EXCEEDANCE</b>	Lower: 0.39 Upper: No exceedance	n/a	n/a	-	-

Project Notes

Beacon Farm

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**Site Information** Raincliffe & Forge Valley Woods (SSSI) ↕

Region: England  
 Site Name: Raincliffe & Forge Valley Woods  
 Site Code: 3175  
 Designation Status: SSSI  
 Distance from Installation (m): 4126  
 Receptor Type: Habitat  
 Grid Reference: 499559.1,488485.5  
 Met Site: CHUR  
 Run Mode: Conservative  
 PM10 Percentile: Average

**Installation Information** ↕

No.	Name	No. of sources	No. of new sources	PM10 (t/a)	NH3 (t/a)	Odour (kOu/a)	Conc NH3 (µg/m3)	Dep N (kg/ha/yr)	Dep Acid (kEq H+/ha/yr)	Conc PM10 (µg/m3)	Conc Odour (Ou/m3)
1	Beacon Farm	1	1	-	0.26	-	0	0.04	0.003	-	-

**Total Depositions/Concentrations and Exceedances** ↕

Concentrations/Depositions and Critical Loads/Levels	NH3 (µg/m3)	N Dep. (kg N/ha/yr)	Acid Dep. (kEq H+/ha/yr)	PM10 (µg/m3)	Odour (Ou/m3)
Process Contribution (PC) at receptor edge	0.00493	0.04	0.003	-	-
Background concentration at receptor edge	1.58	28.70	2.29 (N:2.05 S:0.24)	-	-
Background concentration at receptor edge	1.58	28.74	2.29	-	-
<b>Predicted Environmental Concentration/Deposition (PEC)</b>					
Environmental Assessment Level or Critical Load / Level	Lower: 1 Upper: 3	5.0  Broad-leaved, mixed and yew woodland	maxN: 0.94 maxS: 0.65 minN: 0.14 Broad-leaved, mixed and yew woodland	-	-
ALTERNATIVE CRITICAL LOAD INFO					
USE OWN THRESHOLDS?					
% of relevant standard PC	Lower: 0% Upper: 0%	1%	0%	-	-
% of relevant standard PEC	Lower: 158% Upper: 53%	575%	244%	-	-
<b>EXCEEDANCE</b>	Lower: 0.58 Upper: No exceedance	23.74	1.35	-	-

**Project Notes**

Beacon Farm

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**Site Information** Cockrah Wood (SSSI) ▾

Region: England  
 Site Name: Cockrah Wood  
 Site Code: 3146  
 Designation Status: SSSI  
 Distance from Installation (m): 4614  
 Receptor Type: Habitat  
 Grid Reference: 496640.6,488585.7  
 Met Site: CHUR  
 Run Mode: Conservative  
 PM<sub>10</sub> Percentile: Average

**Installation Information**

No.	Name	No. of sources	No. of new sources	PM <sub>10</sub> (t/a)	NH <sub>3</sub> (t/a)	Odour (kOu/a)	Conc NH <sub>3</sub> (µg/m <sup>3</sup> )	Dep N (kg/ha/yr)	Dep Acid (kEq H+/ha/yr)	Conc PM <sub>10</sub> (µg/m <sup>3</sup> )	Conc Odour (Ou/m <sup>3</sup> )
1	Beacon Farm	1	1	-	0.26	-	0	0.03	0.002	-	-

**Total Depositions/Concentrations and Exceedances**

Concentrations/Depositions and Critical Loads/Levels	NH <sub>3</sub> (µg/m <sup>3</sup> )	N Dep. (kg N/ha/yr)	Acid Dep. (kEq H+/ha/yr)	PM <sub>10</sub> (µg/m <sup>3</sup> )	Odour (Ou/m <sup>3</sup> )
Process Contribution (PC) at receptor edge	0.00418	0.03	0.002	-	-
Background concentration at receptor edge	1.58	28.70	2.29 (N:2.05 S:0.24)	-	-
Background concentration at receptor edge	1.58	28.73	2.29	-	-
<b>Predicted Environmental Concentration/Deposition (PEC)</b>					
Environmental Assessment Level or Critical Load / Level	Lower: 1 Upper: 3	5.0  Broad-leaved, mixed and yew woodland	maxN: 1.14 maxS: 0.85 minN: 0.14 Broad-leaved, mixed and yew woodland	-	-
<b>ALTERNATIVE CRITICAL LOAD INFO</b>					
<b>USE OWN THRESHOLDS?</b>					
% of relevant standard PC	Lower: 0% Upper: 0%	1%	0%	-	-
% of relevant standard PEC	Lower: 158% Upper: 53%	575%	201%	-	-
<b>EXCEEDANCE</b>	Lower: 0.58 Upper: No exceedance	23.73	1.15	-	-

**Project Notes**

Beacon Farm

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Site Information **Hayburn Wyke (SSSI)**

Region: England  
 Site Name: Hayburn Wyke  
 Site Code: 3165  
 Designation Status: SSSI  
 Distance from Installation (m): 4699  
 Receptor Type: Habitat  
 Grid Reference: 501519.8,496516.2  
 Met Site: CHUR  
 Run Mode: Conservative  
 PM<sub>10</sub> Percentile: Average

Installation Information

No.	Name	No. of sources	No. of new sources	PM <sub>10</sub> (t/a)	NH <sub>3</sub> (t/a)	Odour (kOu/a)	Conc NH <sub>3</sub> (µg/m <sup>3</sup> )	Dep N (kg/ha/yr)	Dep Acid (kEq H <sup>+</sup> /ha/yr)	Conc PM <sub>10</sub> (µg/m <sup>3</sup> )	Conc Odour (Ou/m <sup>3</sup> )
1	Beacon Farm	1	1	-	0.26	-	0	0.03	0.002	-	-

Total Depositions/Concentrations and Exceedances

Concentrations/Depositions and Critical Loads/Levels	NH <sub>3</sub> (µg/m <sup>3</sup> )	N Dep. (kg N/ha/yr)	Acid Dep. (kEq H <sup>+</sup> /ha/yr)	PM <sub>10</sub> (µg/m <sup>3</sup> )	Odour (Ou/m <sup>3</sup> )
Process Contribution (PC) at receptor edge	0.00407	0.03	0.002	-	-
Background concentration at receptor edge	1.00	21.28	1.74 (N:1.52 S:0.22)	-	-
Predicted Environmental Concentration/Deposition (PEC)	1	21.31	1.74	-	-
Environmental Assessment Level or Critical Load / Level	Lower: 1 Upper: 3	5.0 Broad-leaved, mixed and yew woodland	maxN: 1.25 maxS: 1.11 minN: 0.14 Broad-leaved, mixed and yew woodland	-	-
<b>ALTERNATIVE CRITICAL LOAD INFO</b>					
<b>USE OWN THRESHOLDS?</b>					
% of relevant standard PC	Lower: 0% Upper: 0%	1%	0%	-	-
% of relevant standard PEC	Lower: 100% Upper: 33%	426%	139%	-	-
<b>EXCEEDANCE</b>	Lower: No exceedance Upper: No exceedance	16.31	0.49	-	-

Project Notes

Beacon Farm

**Site Information** Castlebeck & Scar Woods (SSSI)

Region: England  
 Site Name: Castlebeck & Scar Woods  
 Site Code: 2927  
 Designation Status: SSSI  
 Distance from Installation (m): 5786  
 Receptor Type: Habitat  
 Grid Reference: 495083.4,496855.9  
 Met Site: CHUR  
 Run Mode: Conservative  
 PM10 Percentile: Average

**Installation Information**

No.	Name	No. of sources	No. of new sources	PM10 (t/a)	NH3 (t/a)	Odour (kOu/a)	Conc NH3 (µg/m3)	Dep N (kg/ha/yr)	Dep Acid (kEq H+/ha/yr)	Conc PM10 (µg/m3)	Conc Odour (Ou/m3)
1	Beacon Farm	1	1	-	0.26	-	0	0.02	0.001	-	-

**Total Depositions/Concentrations and Exceedances**

Concentrations/Depositions and Critical Loads/Levels	NH3 (µg/m3)	N Dep. (kg N/ha/yr)	Acid Dep. (kEq H+/ha/yr)	PM10 (µg/m3)	Odour (Ou/m3)
Process Contribution (PC) at receptor edge	0.00299	0.02	0.001	-	-
Background concentration at receptor edge	1.22	16.80	1.39 (N:1.20 S:0.19)	-	-
Background concentration at receptor edge	1.22	16.82	1.39	-	-
<b>Predicted Environmental Concentration/Deposition (PEC)</b>					
Environmental Assessment Level or Critical Load / Level	Lower: 1 Upper: 3	5.0 Bog - lowland	maxN: 0.59 maxS: 0.27 minN: 0.32 Bog - lowland	-	-
<b>ALTERNATIVE CRITICAL LOAD INFO</b>					
<b>USE OWN THRESHOLDS?</b>					
% of relevant standard PC	Lower: 0% Upper: 0%	0%	0%	-	-
% of relevant standard PEC	Lower: 122% Upper: 41%	336%	236%	-	-
<b>EXCEEDANCE</b>	Lower: 0.22 Upper: No exceedance	11.82	0.80	-	-

**Project Notes**

Beacon Farm

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**Site Information** Spikers Hill Quarry (SSSI)

Region: England  
 Site Name: Spikers Hill Quarry  
 Site Code: 2935  
 Designation Status: SSSI  
 Distance from Installation (m): 6231  
 Receptor Type: Habitat  
 Grid Reference: 498084.8,486401.6  
 Met Site: CHUR  
 Run Mode: Conservative  
 PM<sub>10</sub> Percentile: Average

**Installation Information**

No.	Name	No. of sources	No. of new sources	PM <sub>10</sub> (t/a)	NH <sub>3</sub> (t/a)	Odour (kOu/a)	Conc NH <sub>3</sub> (µg/m <sup>3</sup> )	Dep N (kg/ha/yr)	Dep Acid (kEq H <sup>+</sup> /ha/yr)	Conc PM <sub>10</sub> (µg/m <sup>3</sup> )	Conc Odour (Ou/m <sup>3</sup> )
1	Beacon Farm	1	1	-	0.26	-	0	0.01	0.001	-	-

**Total Depositions/Concentrations and Exceedances**

Concentrations/Depositions and Critical Loads/Levels	NH <sub>3</sub> (µg/m <sup>3</sup> )	N Dep. (kg N/ha/yr)	Acid Dep. (kEq H <sup>+</sup> /ha/yr)	PM <sub>10</sub> (µg/m <sup>3</sup> )	Odour (Ou/m <sup>3</sup> )
Process Contribution (PC) at receptor edge	0.00267	0.01	0.001	-	-
Background concentration at receptor edge	1.58	17.78	1.47 (N:1.27 S:0.20)	-	-
Background concentration at receptor edge	1.58	17.79	1.47	-	-
<b>Predicted Environmental Concentration/Deposition (PEC)</b>					
Environmental Assessment Level or Critical Load / Level	Lower: 1 Upper: 3	No sensitive habitat or species at this site	No sensitive habitat or species at this site	-	-
<b>ALTERNATIVE CRITICAL LOAD INFO</b>					
<b>USE OWN THRESHOLDS?</b>					
% of relevant standard PC	Lower: 0% Upper: 0%	n/a	n/a	-	-
% of relevant standard PEC	Lower: 158% Upper: 53%	n/a	n/a	-	-
<b>EXCEEDANCE</b>	Lower: 0.58 Upper: No exceedance	n/a	n/a	-	-

**Project Notes**

Beacon Farm

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Site Information **Robin Hoods Bay: Maw Wyke To Beast Cliff (SSSI)**

Region: England  
 Site Name: Robin Hoods Bay: Maw Wyke To Beast Cliff  
 Site Code: 3814  
 Designation Status: SSSI  
 Distance from Installation (m): 6328  
 Receptor Type: Habitat  
 Grid Reference: 500525.2,498702.7  
 Met Site: CHUR  
 Run Mode: Conservative  
 PM<sub>10</sub> Percentile: Average

Installation Information

No.	Name	No. of sources	No. of new sources	PM <sub>10</sub> (t/a)	NH <sub>3</sub> (t/a)	Odour (kOu/a)	Conc NH <sub>3</sub> (µg/m <sup>3</sup> )	Dep N (kg/ha/yr)	Dep Acid (kEq H <sup>+</sup> /ha/yr)	Conc PM <sub>10</sub> (µg/m <sup>3</sup> )	Conc Odour (Ou/m <sup>3</sup> )
1	Beacon Farm	1	1	-	0.26	-	0	0.02	0.001	-	-

Total Depositions/Concentrations and Exceedances

Concentrations/Depositions and Critical Loads/Levels	NH <sub>3</sub> (µg/m <sup>3</sup> )	N Dep. (kg N/ha/yr)	Acid Dep. (kEq H <sup>+</sup> /ha/yr)	PM <sub>10</sub> (µg/m <sup>3</sup> )	Odour (Ou/m <sup>3</sup> )
Process Contribution (PC) at receptor edge	0.00261	0.02	0.001	-	-
Background concentration at receptor edge	1.00	21.28	1.74 (N:1.52 S:0.22)	-	-
Predicted Environmental Concentration/Deposition (PEC)	1	21.3	1.74	-	-
Environmental Assessment Level or Critical Load / Level	Lower: 1 Upper: 3	5.0  Broad-leaved, mixed and yew woodland	maxN: 2.79 maxS: 2.43 minN: 0.36 Broad-leaved, mixed and yew woodland	-	-
<b>ALTERNATIVE CRITICAL LOAD INFO</b>					
<b>USE OWN THRESHOLDS?</b>					
% of relevant standard PC	Lower: 0% Upper: 0%	0%	0%	-	-
% of relevant standard PEC	Lower: 100% Upper: 33%	426%	62%	-	-
<b>EXCEEDANCE</b>	Lower: No exceedance Upper: No exceedance	16.30	-1.05	-	-

Project Notes

Beacon Farm

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**Site Information** Beast Cliff - Whitby (Robin Hood's Bay) (SAC)

Region: England  
 Site Name: Beast Cliff - Whitby (Robin Hood's Bay)  
 Site Code: UK0030086  
 Designation Status: SAC  
 Distance from Installation (m): 6328  
 Receptor Type: Habitat  
 Grid Reference: 500526.2,498702.8  
 Met Site: CHUR  
 Run Mode: Conservative  
 PM10 Percentile: Average

**Installation Information**

No.	Name	No. of sources	No. of new sources	PM10 (t/a)	NH3 (t/a)	Odour (kOu/a)	Conc NH3 (µg/m3)	Dep N (kg/ha/yr)	Dep Acid (kEq H+/ha/yr)	Conc PM10 (µg/m3)	Conc Odour (Ou/m3)
1	Beacon Farm	1	1	-	0.26	-	0	0.01	0.001	-	-

**Total Depositions/Concentrations and Exceedances**

Concentrations/Depositions and Critical Loads/Levels	NH3 (µg/m3)	N Dep. (kg N/ha/yr)	Acid Dep. (kEq H+/ha/yr)	PM10 (µg/m3)	Odour (Ou/m3)
Process Contribution (PC) at receptor edge	0.00261	0.01	0.001	-	-
Background concentration at receptor edge	1.00	13.86	1.17 (N:0.99 S:0.18)	-	-
Background concentration at receptor edge	1	13.87	1.17	-	-
<b>Predicted Environmental Concentration/Deposition (PEC)</b>					
Environmental Assessment Level or Critical Load / Level	Lower: 1 Upper: 3	Vegetated sea cliffs of the Atlantic and Baltic coasts	No sensitive habitat or species at this site	-	-
<b>ALTERNATIVE CRITICAL LOAD INFO</b>					
<b>USE OWN THRESHOLDS?</b>					
% of relevant standard PC	Lower: 0% Upper: 0%	n/a	n/a	-	-
% of relevant standard PEC	Lower: 100% Upper: 33%	n/a	n/a	-	-
<b>EXCEEDANCE</b>	Lower: No exceedance Upper: No exceedance	n/a	n/a	-	-

**Project Notes**

Beacon Farm

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Site Information **North York Moors (SPA)**

Region: England  
 Site Name: North York Moors  
 Site Code: UK9006161  
 Designation Status: SPA  
 Distance from Installation (m): 6501  
 Receptor Type: Habitat  
 Grid Reference: 497489.6,498899.5  
 Met Site: CHUR  
 Run Mode: Conservative  
 PM10 Percentile: Average

Installation Information

No.	Name	No. of sources	No. of new sources	PM10 (t/a)	NH3 (t/a)	Odour (kOu/a)	Conc NH3 (µg/m3)	Dep N (kg/ha/yr)	Dep Acid (kEq H+/ha/yr)	Conc PM10 (µg/m3)	Conc Odour (Ou/m3)
1	Beacon Farm	1	1	-	0.26	-	0	0.01	0.001	-	-

Total Depositions/Concentrations and Exceedances

Concentrations/Depositions and Critical Loads/Levels	NH3 (µg/m3)	N Dep. (kg N/ha/yr)	Acid Dep. (kEq H+/ha/yr)	PM10 (µg/m3)	Odour (Ou/m3)
Process Contribution (PC) at receptor edge	0.00251	0.01	0.001	-	-
Background concentration at receptor edge	1.22	16.80	1.39 (N:1.20 S:0.19)	-	-
Background concentration at receptor edge	1.22	16.81	1.39	-	-
<b>Predicted Environmental Concentration/Deposition (PEC)</b>					
Environmental Assessment Level or Critical Load / Level	Lower: 1 Upper: 3	5.0  Pluvialis apricaria (North-western Europe - breeding)	maxN: 0.47 maxS: 0.15 minN: 0.18 Pluvialis apricaria (North-western Europe - breeding)	-	-
<b>ALTERNATIVE CRITICAL LOAD INFO</b>					
<b>USE OWN THRESHOLDS?</b>					
% of relevant standard PC	Lower: 0% Upper: 0%	0%	0%	-	-
% of relevant standard PEC	Lower: 122% Upper: 41%	336%	296%	-	-
<b>EXCEEDANCE</b>	Lower: 0.22 Upper: No exceedance	11.81	0.92	-	-

Project Notes

Beacon Farm

**Site Information** North York Moors (SSSI) ↗

Region: England  
 Site Name: North York Moors  
 Site Code: 4003  
 Designation Status: SSSI  
 Distance from Installation (m): 6502  
 Receptor Type: Habitat  
 Grid Reference: 497489.4,498900.1  
 Met Site: CHUR  
 Run Mode: Conservative  
 PM<sub>10</sub> Percentile: Average

**Installation Information**

No.	Name	No. of sources	No. of new sources	PM <sub>10</sub> (t/a)	NH <sub>3</sub> (t/a)	Odour (kOu/a)	Conc NH <sub>3</sub> (µg/m <sup>3</sup> )	Dep N (kg/ha/yr)	Dep Acid (kEq H+/ha/yr)	Conc PM <sub>10</sub> (µg/m <sup>3</sup> )	Conc Odour (Ou/m <sup>3</sup> )
1	Beacon Farm	1	1	-	0.26	-	0	0.01	0.001	-	-

**Total Depositions/Concentrations and Exceedances**

Concentrations/Depositions and Critical Loads/Levels	NH <sub>3</sub> (µg/m <sup>3</sup> )	N Dep. (kg N/ha/yr)	Acid Dep. (kEq H+/ha/yr)	PM <sub>10</sub> (µg/m <sup>3</sup> )	Odour (Ou/m <sup>3</sup> )
Process Contribution (PC) at receptor edge	0.00251	0.01	0.001	-	-
Background concentration at receptor edge	1.22	16.80	1.39 (N:1.20 S:0.19)	-	-
Background concentration at receptor edge	1.22	16.81	1.39	-	-
<b>Predicted Environmental Concentration/Deposition (PEC)</b>					
Environmental Assessment Level or Critical Load / Level	Lower: 1 Upper: 3	10.0  Dwarf shrub heath - upland	maxN: 0.79 maxS: 0.15 minN: 0.50 Dwarf shrub heath - upland	-	-
<b>ALTERNATIVE CRITICAL LOAD INFO</b>					
<b>USE OWN THRESHOLDS?</b>					
% of relevant standard PC	Lower: 0% Upper: 0%	0%	0%	-	-
% of relevant standard PEC	Lower: 122% Upper: 41%	168%	176%	-	-
<b>EXCEEDANCE</b>	Lower: 0.22 Upper: No exceedance	6.81	0.60	-	-

**Project Notes**

Beacon Farm

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**Site Information** North York Moors (SAC) ↗

Region: England  
 Site Name: North York Moors  
 Site Code: UK0030228  
 Designation Status: SAC  
 Distance from Installation (m): 6503  
 Receptor Type: Habitat  
 Grid Reference: 497486.7,498900.7  
 Met Site: CHUR  
 Run Mode: Conservative  
 PM10 Percentile: Average

**Installation Information**

No.	Name	No. of sources	No. of new sources	PM10 (t/a)	NH3 (t/a)	Odour (kOu/a)	Conc NH3 (µg/m3)	Dep N (kg/ha/yr)	Dep Acid (kEq H+/ha/yr)	Conc PM10 (µg/m3)	Conc Odour (Ou/m3)
1	Beacon Farm	1	1	-	0.26	-	0	0.01	0.001	-	-

**Total Depositions/Concentrations and Exceedances**

Concentrations/Depositions and Critical Loads/Levels	NH3 (µg/m3)	N Dep. (kg N/ha/yr)	Acid Dep. (kEq H+/ha/yr)	PM10 (µg/m3)	Odour (Ou/m3)
Process Contribution (PC) at receptor edge	0.00251	0.01	0.001	-	-
Background concentration at receptor edge	1.22	16.80	1.39 (N:1.20 S:0.19)	-	-
Background concentration at receptor edge	1.22	16.81	1.39	-	-
<b>Predicted Environmental Concentration/Deposition (PEC)</b>					
Environmental Assessment Level or Critical Load / Level	Lower: 1 Upper: 3	5.0 Blanket bogs	maxN: 0.50 maxS: 0.18 minN: 0.32 Blanket bogs	-	-
<b>ALTERNATIVE CRITICAL LOAD INFO</b>					
<b>USE OWN THRESHOLDS?</b>					
% of relevant standard PC	Lower: 0% Upper: 0%	0%	0%	-	-
% of relevant standard PEC	Lower: 122% Upper: 41%	336%	278%	-	-
<b>EXCEEDANCE</b>	Lower: 0.22 Upper: No exceedance	11.81	0.89	-	-

**Project Notes**

Beacon Farm

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**Site Information** North Bay To South Toll House Cliff (SSSI) ↗

Region: England  
 Site Name: North Bay To South Toll House Cliff  
 Site Code: 3193  
 Designation Status: SSSI  
 Distance from Installation (m): 6512  
 Receptor Type: Habitat  
 Grid Reference: 504614.7,489321.3  
 Met Site: CHUR  
 Run Mode: Conservative  
 PM10 Percentile: Average

**Installation Information**

No.	Name	No. of sources	No. of new sources	PM10 (t/a)	NH3 (t/a)	Odour (kOu/a)	Conc NH3 (µg/m3)	Dep N (kg/ha/yr)	Dep Acid (kEq H+/ha/yr)	Conc PM10 (µg/m3)	Conc Odour (Ou/m3)
1	Beacon Farm	1	1	-	0.26	-	0	0.01	0.001	-	-

**Total Depositions/Concentrations and Exceedances**

Concentrations/Depositions and Critical Loads/Levels	NH3 (µg/m3)	N Dep. (kg N/ha/yr)	Acid Dep. (kEq H+/ha/yr)	PM10 (µg/m3)	Odour (Ou/m3)
Process Contribution (PC) at receptor edge	0.00250	0.01	0.001	-	-
Background concentration at receptor edge	1.76	18.06	1.48 (N:1.29 S:0.19)	-	-
Background concentration at receptor edge	1.76	18.07	1.48	-	-
<b>Predicted Environmental Concentration/Deposition (PEC)</b>					
Environmental Assessment Level or Critical Load / Level	Lower: 1 Upper: 3	No sensitive habitat or species at this site	No sensitive habitat or species at this site	-	-
<b>ALTERNATIVE CRITICAL LOAD INFO</b>					
<b>USE OWN THRESHOLDS?</b>					
% of relevant standard PC	Lower: 0% Upper: 0%	n/a	n/a	-	-
% of relevant standard PEC	Lower: 176% Upper: 59%	n/a	n/a	-	-
<b>EXCEEDANCE</b>	Lower: 0.76 Upper: No exceedance	n/a	n/a	-	-

**Project Notes**

Beacon Farm

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**Site Information** Betton Farm Quarries (SSSI)

Region: England  
 Site Name: Betton Farm Quarries  
 Site Code: 3134  
 Designation Status: SSSI  
 Distance from Installation (m): 6936  
 Receptor Type: Habitat  
 Grid Reference: 500173.5,485737.8  
 Met Site: CHUR  
 Run Mode: Conservative  
 PM<sub>10</sub> Percentile: Average

**Installation Information**

No.	Name	No. of sources	No. of new sources	PM <sub>10</sub> (t/a)	NH <sub>3</sub> (t/a)	Odour (kOu/a)	Conc NH <sub>3</sub> (µg/m <sup>3</sup> )	Dep N (kg/ha/yr)	Dep Acid (kEq H <sup>+</sup> /ha/yr)	Conc PM <sub>10</sub> (µg/m <sup>3</sup> )	Conc Odour (Ou/m <sup>3</sup> )
1	Beacon Farm	1	1	-	0.26	-	0	0.01	0.001	-	-

**Total Depositions/Concentrations and Exceedances**

Concentrations/Depositions and Critical Loads/Levels	NH <sub>3</sub> (µg/m <sup>3</sup> )	N Dep. (kg N/ha/yr)	Acid Dep. (kEq H <sup>+</sup> /ha/yr)	PM <sub>10</sub> (µg/m <sup>3</sup> )	Odour (Ou/m <sup>3</sup> )
Process Contribution (PC) at receptor edge	0.00227	0.01	0.001	-	-
Background concentration at receptor edge	1.76	18.06	1.48 (N:1.29 S:0.19)	-	-
Background concentration at receptor edge	1.76	18.07	1.48	-	-
<b>Predicted Environmental Concentration/Deposition (PEC)</b>					
Environmental Assessment Level or Critical Load / Level	Lower: 1 Upper: 3	No sensitive habitat or species at this site	No sensitive habitat or species at this site	-	-
<b>ALTERNATIVE CRITICAL LOAD INFO</b>					
<b>USE OWN THRESHOLDS?</b>					
% of relevant standard PC	Lower: 0% Upper: 0%	n/a	n/a	-	-
% of relevant standard PEC	Lower: 176% Upper: 59%	n/a	n/a	-	-
<b>EXCEEDANCE</b>	Lower: 0.76 Upper: No exceedance	n/a	n/a	-	-

**Project Notes**

Beacon Farm

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**Site Information** Harwood Dale Moor (SSSI) ↗

Region: England  
 Site Name: Harwood Dale Moor  
 Site Code: 2890  
 Designation Status: SSSI  
 Distance from Installation (m): 7075  
 Receptor Type: Habitat  
 Grid Reference: 496111.4,499040.3  
 Met Site: CHUR  
 Run Mode: Conservative  
 PM<sub>10</sub> Percentile: Average

**Installation Information**

No.	Name	No. of sources	No. of new sources	PM <sub>10</sub> (t/a)	NH <sub>3</sub> (t/a)	Odour (kOu/a)	Conc NH <sub>3</sub> (µg/m <sup>3</sup> )	Dep N (kg/ha/yr)	Dep Acid (kEq H+/ha/yr)	Conc PM <sub>10</sub> (µg/m <sup>3</sup> )	Conc Odour (Ou/m <sup>3</sup> )
1	Beacon Farm	1	1	-	0.26	-	0	0.01	0.001	-	-

**Total Depositions/Concentrations and Exceedances**

Concentrations/Depositions and Critical Loads/Levels	NH <sub>3</sub> (µg/m <sup>3</sup> )	N Dep. (kg N/ha/yr)	Acid Dep. (kEq H+/ha/yr)	PM <sub>10</sub> (µg/m <sup>3</sup> )	Odour (Ou/m <sup>3</sup> )
Process Contribution (PC) at receptor edge	0.00221	0.01	0.001	-	-
Background concentration at receptor edge	1.22	16.80	1.39 (N:1.20 S:0.19)	-	-
Background concentration at receptor edge	1.22	16.81	1.39	-	-
<b>Predicted Environmental Concentration/Deposition (PEC)</b>					
Environmental Assessment Level or Critical Load / Level	Lower: 1 Upper: 3	No sensitive habitat or species at this site	No sensitive habitat or species at this site	-	-
<b>ALTERNATIVE CRITICAL LOAD INFO</b>					
<b>USE OWN THRESHOLDS?</b>					
% of relevant standard PC	Lower: 0% Upper: 0%	n/a	n/a	-	-
% of relevant standard PEC	Lower: 122% Upper: 41%	n/a	n/a	-	-
<b>EXCEEDANCE</b>	Lower: 0.22 Upper: No exceedance	n/a	n/a	-	-

**Project Notes**

Beacon Farm

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**Site Information** Cayton| Cornelian & South Bays (SSSI)

Region: England  
 Site Name: Cayton| Cornelian & South Bays  
 Site Code: 3274  
 Designation Status: SSSI  
 Distance from Installation (m): 7311  
 Receptor Type: Habitat  
 Grid Reference: 504531.3,487823.6  
 Met Site: CHUR  
 Run Mode: Conservative  
 PM10 Percentile: Average

**Installation Information**

No.	Name	No. of sources	No. of new sources	PM10 (t/a)	NH3 (t/a)	Odour (kOu/a)	Conc NH3 (µg/m3)	Dep N (kg/ha/yr)	Dep Acid (kEq H+/ha/yr)	Conc PM10 (µg/m3)	Conc Odour (Ou/m3)
1	Beacon Farm	1	1	-	0.26	-	0	0.01	0.001	-	-

**Total Depositions/Concentrations and Exceedances**

Concentrations/Depositions and Critical Loads/Levels	NH3 (µg/m3)	N Dep. (kg N/ha/yr)	Acid Dep. (kEq H+/ha/yr)	PM10 (µg/m3)	Odour (Ou/m3)
Process Contribution (PC) at receptor edge	0.00210	0.01	0.001	-	-
Background concentration at receptor edge	1.76	18.06	1.48 (N:1.29 S:0.19)	-	-
Background concentration at receptor edge	1.76	18.07	1.48	-	-
<b>Predicted Environmental Concentration/Deposition (PEC)</b>					
Environmental Assessment Level or Critical Load / Level	Lower: 1 Upper: 3	20.0 Neutral grassland lowland	maxN: 4.86 maxS: 4.00 minN: 0.86 Neutral grassland lowland	-	-
<b>ALTERNATIVE CRITICAL LOAD INFO</b>					
<b>USE OWN THRESHOLDS?</b>					
% of relevant standard PC	Lower: 0% Upper: 0%	0%	0%	-	-
% of relevant standard PEC	Lower: 176% Upper: 59%	90%	30%	-	-
<b>EXCEEDANCE</b>	Lower: 0.76 Upper: No exceedance	-1.93	-3.38	-	-

**Project Notes**

Beacon Farm

**Site Information** Ruston Cottage Pasture (SSSI)

Region: England  
 Site Name: Ruston Cottage Pasture  
 Site Code: 3311  
 Designation Status: SSSI  
 Distance from Installation (m): 9252  
 Receptor Type: Habitat  
 Grid Reference: 495858.3,483856  
 Met Site: CHUR  
 Run Mode: Conservative  
 PM<sub>10</sub> Percentile: Average

**Installation Information**

No.	Name	No. of sources	No. of new sources	PM <sub>10</sub> (t/a)	NH <sub>3</sub> (t/a)	Odour (kOu/a)	Conc NH <sub>3</sub> (µg/m <sup>3</sup> )	Dep N (kg/ha/yr)	Dep Acid (kEq H <sup>+</sup> /ha/yr)	Conc PM <sub>10</sub> (µg/m <sup>3</sup> )	Conc Odour (Ou/m <sup>3</sup> )
1	Beacon Farm	1	1	-	0.26	-	0	0.01	0.001	-	-

**Total Depositions/Concentrations and Exceedances**

Concentrations/Depositions and Critical Loads/Levels	NH <sub>3</sub> (µg/m <sup>3</sup> )	N Dep. (kg N/ha/yr)	Acid Dep. (kEq H <sup>+</sup> /ha/yr)	PM <sub>10</sub> (µg/m <sup>3</sup> )	Odour (Ou/m <sup>3</sup> )
Process Contribution (PC) at receptor edge	0.00146	0.01	0.001	-	-
Background concentration at receptor edge	2.32	20.86	1.68 (N:1.49 S:0.19)	-	-
Background concentration at receptor edge	2.32	20.87	1.68	-	-
<b>Predicted Environmental Concentration/Deposition (PEC)</b>					
Environmental Assessment Level or Critical Load / Level	Lower: 1 Upper: 3	15.0 Calcareous grassland lowland	maxN: 4.86 maxS: 4.00 minN: 0.86 Calcareous grassland lowland	-	-
<b>ALTERNATIVE CRITICAL LOAD INFO</b>					
<b>USE OWN THRESHOLDS?</b>					
% of relevant standard PC	Lower: 0% Upper: 0%	0%	0%	-	-
% of relevant standard PEC	Lower: 232% Upper: 77%	139%	35%	-	-
<b>EXCEEDANCE</b>	Lower: 1.32 Upper: No exceedance	5.87	-3.18	-	-

**Project Notes**

Beacon Farm



Site Information **Troutsdale & Rosekirk Dale Fens (SSSI)**

Region: England  
 Site Name: Troutsdale & Rosekirk Dale Fens  
 Site Code: 3200  
 Designation Status: SSSI  
 Distance from Installation (m): 9635  
 Receptor Type: Habitat  
 Grid Reference: 490469,488034.6  
 Met Site: CHUR  
 Run Mode: Conservative  
 PM<sub>10</sub> Percentile: Average

Installation Information

No.	Name	No. of sources	No. of new sources	PM <sub>10</sub> (t/a)	NH <sub>3</sub> (t/a)	Odour (kOu/a)	Conc NH <sub>3</sub> (µg/m <sup>3</sup> )	Dep N (kg/ha/yr)	Dep Acid (kEq H <sup>+</sup> /ha/yr)	Conc PM <sub>10</sub> (µg/m <sup>3</sup> )	Conc Odour (Ou/m <sup>3</sup> )
1	Beacon Farm	1	1	-	0.26	-	0	0.01	0	-	-

Total Depositions/Concentrations and Exceedances

Concentrations/Depositions and Critical Loads/Levels	NH <sub>3</sub> (µg/m <sup>3</sup> )	N Dep. (kg N/ha/yr)	Acid Dep. (kEq H <sup>+</sup> /ha/yr)	PM <sub>10</sub> (µg/m <sup>3</sup> )	Odour (Ou/m <sup>3</sup> )
Process Contribution (PC) at receptor edge	0.00137	0.01	0.000	-	-
Background concentration at receptor edge	1.48	18.06	1.48 (N:1.29 S:0.19)	-	-
Background concentration at receptor edge	1.48	18.07	1.48	-	-
<b>Predicted Environmental Concentration/Deposition (PEC)</b>					
Environmental Assessment Level or Critical Load / Level	Lower: 1 Upper: 3	10.0  Neutral grassland upland	maxN: 4.86 maxS: 4.00 minN: 0.86 Neutral grassland upland	-	-
<b>ALTERNATIVE CRITICAL LOAD INFO</b>					
<b>USE OWN THRESHOLDS?</b>					
% of relevant standard PC	Lower: 0% Upper: 0%	0%	0%	-	-
% of relevant standard PEC	Lower: 148% Upper: 49%	181%	30%	-	-
<b>EXCEEDANCE</b>	Lower: 0.48 Upper: No exceedance	<b>8.07</b>	<b>-3.38</b>	-	-

Project Notes

Beacon Farm

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**Site Information** Biller Howe Dale (SSSI) ↕

Region: England  
 Site Name: Biller Howe Dale  
 Site Code: 3310  
 Designation Status: SSSI  
 Distance from Installation (m): 9819  
 Receptor Type: Habitat  
 Grid Reference: 492590.7,500033.8  
 Met Site: CHUR  
 Run Mode: Conservative  
 PM<sub>10</sub> Percentile: Average

**Installation Information** ↕

No.	Name	No. of sources	No. of new sources	PM <sub>10</sub> (t/a)	NH <sub>3</sub> (t/a)	Odour (kOu/a)	Conc NH <sub>3</sub> (µg/m <sup>3</sup> )	Dep N (kg/ha/yr)	Dep Acid (kEq H+/ha/yr)	Conc PM <sub>10</sub> (µg/m <sup>3</sup> )	Conc Odour (Ou/m <sup>3</sup> )
1	Beacon Farm	1	1	-	0.26	-	0	0.01	0.001	-	-

**Total Depositions/Concentrations and Exceedances** ↕

Concentrations/Depositions and Critical Loads/Levels	NH <sub>3</sub> (µg/m <sup>3</sup> )	N Dep. (kg N/ha/yr)	Acid Dep. (kEq H+/ha/yr)	PM <sub>10</sub> (µg/m <sup>3</sup> )	Odour (Ou/m <sup>3</sup> )
Process Contribution (PC) at receptor edge	0.00133	0.01	0.001	-	-
Background concentration at receptor edge <span style="float: right;">↕</span>	1.10	25.48	1.34 (N:1.15 S:0.19)	-	-
<b>Predicted Environmental Concentration/Deposition (PEC)</b> <span style="float: right;">↕</span>	1.1	25.49	1.34	-	-
Environmental Assessment Level or Critical Load / Level <span style="float: right;">↕</span>	Lower: 1 Upper: 3 <span style="float: right;">↕</span>	5.0  Broad-leaved, mixed and yew woodland	maxN: 0.61 maxS: 0.24 minN: 0.37 Fen marsh and swamp - lowland	-	-
<b>ALTERNATIVE CRITICAL LOAD INFO</b>					
<b>USE OWN THRESHOLDS?</b>					
% of relevant standard PC <span style="float: right;">↕</span>	Lower: 0% Upper: 0%	0%	0%	-	-
% of relevant standard PEC <span style="float: right;">↕</span>	Lower: 110% Upper: 37%	510%	220%	-	-
<b>EXCEEDANCE</b> <span style="float: right;">↕</span>	Lower: 0.10 Upper: No exceedance	20.49	0.73	-	-

**Project Notes**

Beacon Farm

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**From:**  
**To:** [Planning](#)  
**Subject:** Planning Application Reference: NYM/2023/0064  
**Date:** 01 March 2023 13:42:39

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**Planning Application Reference: NYM/2023/0064**

**Proposal: Application for Variation Of Condition 5 of NYM/2022/0212 to allow no more than 250 young cattle or 1250 weaner piglets & not to be kept in the barn for more than 360 days & updated SCAIL assessment at Beacon Farm, Beacon Brow Rd, Scalby.**

**Case Officer: Hilary Saunders**

**Our ref: 421732**

Dear Hilary Saunders,

Thank you for your consultation on the above dated 15 February 2023.

Natural England is a non-departmental public body. Our statutory purpose is to ensure that the natural environment is conserved, enhanced, and managed for the benefit of present and future generations, thereby contributing to sustainable development.

As submitted, the application could have potential significant effects on the North York Moors Special Protection Area (SPA), Special Area of Conservation (SAC) and Site of Special Scientific Interest (SSSI), along with Castlebeck & Scar Woods, Hayburn Wyke, Raincliffe & Forge Valley Woods, Robin Hoods Bay Maw Wyke to Beast Cliffe, Biller Howe Dale and Cokrah Wood SSSI's . Natural England requires further information in order to determine the significance of these impacts and the scope for mitigation.

The following information is required:

In a letter from Ian Pick Associates LTD dated 30 January 2023, the SCAIL assessment data is recorded as either 0 or 1 for all process contribution data provided. Could you please clarify the exact percentages for all process contribution data, as we would like to ascertain whether the figures have been rounded up or down, and if any of the data, for the above designated sites, exceeds 1%.

Without this information, Natural England may need to object to the proposal.

Please re-consult Natural England once this information has been obtained.

Please note that if your authority is minded to grant planning permission contrary to the advice in this letter, you are required under Section 28I (6) of the Wildlife and Countryside Act 1981 (as amended) to notify Natural England of the permission, the terms on which it is proposed to grant it and how, if at all, your authority has taken account of Natural England's advice. You must also allow a further period of 21 days before the operation can commence.

If you have any queries relating to the advice in this email please contact me at

Please consult us again once the information requested above, has been provided.

For any new consultations, or to provide further information on this consultation, please send your correspondence to

Yours sincerely,

Claire Rutherford  
Adviser  
Sustainable Development  
Yorkshire and Northern Lincolnshire Team  
Natural England  
Lateral, 8 City Walk, Leeds, LS11 9AT

[www.gov.uk/natural-england](http://www.gov.uk/natural-england)



**We are here to secure a healthy natural environment for people to enjoy, where wildlife is protected and England's traditional landscapes are safeguarded for future generations.**

Natural England offers two chargeable services – The Discretionary Advice Service ([DAS](#)) provides pre-application, pre-determination and post-consent advice on proposals to developers and consultants as well as pre-licensing species advice and pre-assent and consent advice. The Pre-submission Screening Service ([PSS](#)) provides advice for protected species mitigation licence applications.

These services help applicants take appropriate account of environmental considerations at an early stage of project development, reduce uncertainty, reduce the risk of delay and added cost at a later stage, whilst securing good results for the natural environment.