From: Geraint Jones <geraint.jones@mccartneys.co.uk>
Sent: 26 April 2021 13:43
To: Lewis, Adam (Planning) <Adam.Lewis@herefordshire.gov.uk>
Subject: FW: P210089/F & P210223/F

Good Afternoon Adam

Further to the below, I have completed the SCAIL report for the Manure store, but unsure on how to input for the covered handling area, as no specific section for this – closest option is 'covered yard' however the animals will only be in that area when they are being tended to, not all of the time, so any option chosen would not be a fair representation, in addition any emissions / muck would just be at that location rather than another location on the farm – no additional livestock etc

Please see scail reports attached

Stormwater - I can confirm that there is a SUDs approach to storm water, with IBC containers to collect the water for feeding the animals and washing down areas, with overflow diverted towards swales and existing hedgerows. Any water from hardstanding will be diverted to a filtration system to ensure no pollution of the nearby watercourses.

The potential maximum volume of the manure to be stored is 500 tonnes, with around 440m3 of storage available.

No chemicals / wash down facilities to be provided at this location – others already exist at the farmstead.

In terms of the HRA – this is usually done by the council, can you confirm that this is the case

Hopefully we can get these applications moving forward. What is the situation with the fodder store – I hope that this can keep moving

Kind Regards

Geraint

From: Geraint Jones
Sent: 26 April 2021 11:37
To: 'Lewis, Adam (Planning)' <Adam.Lewis@herefordshire.gov.uk>
Subject: FW: P210089/F

Good Morning Adam

Thank you for your reply, can I seek clarification firstly how can a cover to an existing stock handling area create an additional point source of ammonia, as this is an existing use, which is purely seeking a roof to cover the area.

Can you confirm if the same will be requested for the fodder store as we will seek one report to answer all three?

I confirm that this matter is in hand and if we can please agree an extension of time to get this resolved

Kind Regards

Geraint

From: Lewis, Adam (Planning) <Adam.Lewis@herefordshire.gov.uk>
Sent: 09 April 2021 09:07
To: Geraint Jones <geraint.jones@mccartneys.co.uk>
Subject: RE: P210089/F

Dear Geraint,

Please find attached comments from colleagues in ecology. You will note the request for clarification on various matters including capacity of the stores and management of runoff / contaminated water. A basic level air emissions assessment will also be required – SCAIL would be suitable. I am assuming you will seek to address this as part of the current application so would be grateful if you could advise on a likely timescale for receipt of additional information so that an appropriate extension of time can be agreed.

Best regards

Adam Lewis
Senior Planning Officer
Development Management | Herefordshire Council
Tel | 01432 383789 |
E mail | adam.lewis@herefordshire.gov.uk

Herefordshire.gov.uk

Main Council Switchboard:
01432 260000
General Planning Enquiries:
planningenquiries@herefordshire.gov.uk
Planning Registration Enquiries:

planningregistration@herefordshire.gov.uk

From: Geraint Jones <geraint.jones@mccartneys.co.uk>
Sent: 06 April 2021 16:05
To: Lewis, Adam (Planning) <Adam.Lewis@herefordshire.gov.uk>
Subject: RE: P210089/F

Good Afternoon Adam

Thank you for your reply.

Just a brief note regarding Phosphates from our dealings themselves.

None of the buildings will directly lead to an increase in stock numbers, therefore no increase in phosphates produced on the farm

1. Cover to stock handling area – covers an existing concrete area, will prevent rainwater reaching potential phosphates, therefore will reduce run off and improve the phosphates situation in the area
2. Muck Store – The current farm has no muck store, so generates run off from the muck towards watercourse as a consequence, however the proposal provides a dedicated muck store with enclosed sides and a roof to prevent any run off – a much needed betterment.
3. Fodder Store – has no impact on phosphates negative or positive as does not affect them. The building will prevent the damage and loss to fodder and prevents the need for it being stored externally, improves the quality and life of the crop to be fed to the animals.

All of the proposals provide betterment to the phosphates situation in the area, so a positive result for all.

I trust that this is of assistance

Kind Regards

Geraint

From: Lewis, Adam (Planning) <Adam.Lewis@herefordshire.gov.uk>
Sent: 06 April 2021 15:51
To: Geraint Jones <geraint.jones@mccartneys.co.uk>
Subject: RE: P210089/F

Dear Geraint,

Apologies for the delay in getting back to you. The department here is very busy at present.

I am aware that some of the applications here are now overdue in light of the staggered manner in which they were submitted. In relation to the first two in particular (muck store and cattle handing), I am currently waiting for comments from colleagues in ecology who will be assessing the impact of the proposals 'in combination'. The current sensitivity of development liable to generate phosphates in Lugg catchment is such that applications of this nature (i.e. related to farming and cattle) are subject to an increased level of scrutiny. I have been advised to expect comments from ecology by the end of this week and will contact you again following this, as I will then be in a more informed position to provide an update.

Best regards

Adam Lewis
Senior Planning Officer
Development Management | Herefordshire Council
Tel | 01432 383789 |
E mail | adam.lewis@herefordshire.gov.uk

Herefordshire.gov.uk

Main Council Switchboard:
01432 260000
General Planning Enquiries:
planningenquiries@herefordshire.gov.uk
Planning Registration Enquiries:
planningregistration@herefordshire.gov.uk

From: Geraint Jones <geraint.jones@mccartneys.co.uk>
Sent: 06 April 2021 14:42
To: Lewis, Adam (Planning) <Adam.Lewis@herefordshire.gov.uk>
Cc: Tansley, Mark <mttansley@herefordshire.gov.uk>
Subject: FW: P210089/F

Good Afternoon Adam

Sorry to chase, but clients are chasing me

Cheers

Geraint

From: Geraint Jones <geraint.jones@mccartneys.co.uk>
Sent: 25 March 2021 18:38
To: Lewis, Adam (Planning) <Adam.Lewis@herefordshire.gov.uk>; Planning_enquiries@herefordshire.gov.uk
Subject: Fwd: P210089/F

Good Afternoon Adam

Please can I have an update on these applications. I have a client chasing me on 2 as we are past the target determination date, but not communication as of yet from yourselves.

Kind Regards Geraint

Get Outlook for Android

From: Geraint Jones <geraint.jones@mccartneys.co.uk>
Sent: Thursday, 18 March 2021, 22:36
To: 'Lewis, Adam (Planning)'
Subject: P210089/F

Good Afternoon Adam

Please can I have an update on the following applications
- P210089/F - Cover to existing stock handling area - due for decision by the 10th March - I note no issues on the website

- P210223/F - Proposed Manure Store - Due for decision by 18th March - I note one comment online requesting a different site. I would advise that the building has been chosen to be sited in the most appropriate location, and the only other location would be the agricultural field to the west, this is away from the cattle sheds so would increase vehicle movements, which would mean transporting past the current proposed location and onto a field, rather than an area of hardstanding. This would be of detriment to the farming enterprise, and would also likely receive more complaints due to the location away from

the buildings and expansion into the western field. In addition the site has been used to store muck on regular due to no permanent muck store on site, and no complaints or concerns have ever been raised.

P210615/F - Proposed Fodder Store - Due for decision by the 12th April - No comments noted online as of yet.

I look forward to hearing back from you

Kind Regards

Geraint

Geraint Jones, BSc (Hons) MRICS
Partner
for & on behalf of McCartneys LLP
Survey Department | Kington
01544 230316 | mccartneys.co.uk

Registered Office: The Ox Pasture, Overton Road, Ludlow, Shropshire, SY8 4AA
Reg No: OC310186 | VAT No: GB 134 6840 67 | Privacy Policy

Please consider the environment and only print this email if necessary

CONFIDENTIALITY NOTICE:
The contents of this email message and any attachments are intended solely for the addressee(s) and may contain confidential and/or privileged information and may be legally protected from disclosure. If you are not the intended recipient of this message or their agent, or if this message has been addressed to you in error, please immediately alert the sender by reply email and then delete this message and any attachments. If you are not the intended recipient, you are hereby notified that any use, dissemination, copying, or storage of this message or its attachments is strictly prohibited.

"Any opinion expressed in this e-mail or any attached files are those of the individual and not necessarily those of Herefordshire Council or Wye Valley NHS Trust. You should be aware that Herefordshire Council and Wye Valley NHS Trust monitors its email service. This e-mail and any attached files are confidential and intended solely for the use of the addressee. This communication may contain material protected by law from being passed on. If you are not the intended recipient and have received this e-mail in error, you are advised that any use, dissemination, forwarding, printing or copying of this e-mail is strictly prohibited. If you have received this e-mail in error please contact the sender immediately and destroy all copies of it."

Results

Scail Home | User Guide | SCAIL-Agriculture Report | SEPA/EA/NIEA/EPA Contact Details | Online Tutorial

Content Specific Help Text

Site Information Fishpool Valley (SSSI)

Region:	England
Site Name:	Fishpool Valley
Site Code:	2236
Designation Status:	SSSI
Distance from Installation (m):	3275
Receptor Type:	Habitat
Grid Reference:	344578.7,266064.2
Met Site:	SENN
Run Mode:	Conservative
PM_{10} Percentile:	Average

Installation Information

No.	Name	No. of sources	No. of new sources	PM_{10} (t/a)	NH_3 (t/a)	Odour (kOu/a)	Conc NH_3 (µg/m3)	Dep N (kg/ha/yr)	Dep Acid (kEq H+/ha/yr)	Conc PM_{10} (µg/m3)	Conc Odour (Ou/m3)
1	manure store	1	1	-	0.039	-	0	0.01	0.001	-	-

Total Depositions/Concentrations and Exceedances

Concentrations/Depositions and Critical Loads/Levels	NH_3 (µg/m3)	N Dep. (kg N/ha/yr)	Acid Dep. (kEq H+/ha/yr)	PM_{10} (µg/m3)	Odour (Ou/m3)
Process Contribution (PC) at receptor edge	0.00139	0.01	0.001	-	-
Background concentration at receptor edge	2.08	31.36	2.42 (N:2.24|S:0.18)	-	-
Predicted Environmental Concentration/Deposition (PEC)	2.08	31.37	2.42	-	-
Environmental Assessment Level or Critical Load / Level	Lower: 1 Upper: 3	5.0 Broad-leaved, mixed and yew woodland	maxN: 1.67 maxS: 1.52 minN: 0.14 Broad-leaved, mixed and yew woodland	-	-
		ALTERNATIVE CRITICAL LOAD INFO			
USE OWN THRESHOLDS?					
% of relevant standard PC	Lower: 0% Upper: 0%	0%	0%	-	-
% of relevant standard PEC	Lower: 208% Upper: 69%	627%	145%	-	-
EXCEEDANCE	Lower: 1.08 Upper: No exceedance	26.37	0.75	-	-

Project Notes

mortimors cross farm

SAVE RESULTS SAVE INPUTS

[Use this Back button. Do not use the browser back button - you could lose all inputs!] BACK

Results

Content Specific Help Text

Site Information Moseley Common| Pembridge (SSSI)

Region:	England
Site Name:	Moseley Common| Pembridge
Site Code:	2102
Designation Status:	SSSI
Distance from Installation (m):	6959
Receptor Type:	Habitat
Grid Reference:	337957.1,258260.5
Met Site:	SENN
Run Mode:	Conservative
PM_{10} Percentile:	Average

Installation Information

No.	Name	No. of sources	No. of new sources	PM_{10} (t/a)	NH_3 (t/a)	Odour (kOu/a)	Conc NH_3 (µg/m3)	Dep N (kg/ha/yr)	Dep Acid (kEq H+/ha/yr)	Conc PM_{10} (µg/m3)	Conc Odour (Ou/m3)
1	manure store	1	1	-	0.039	-	0	0	0	-	-

Total Depositions/Concentrations and Exceedances

Concentrations/Depositions and Critical Loads/Levels	NH_3 (µg/m3)	N Dep. (kg N/ha/yr)	Acid Dep. (kEq H+/ha/yr)	PM_{10} (µg/m3)	Odour (Ou/m3)
Process Contribution (PC) at receptor edge	0.00038	0.00	0.000	-	-
Background concentration at receptor edge	3.22	23.52	1.81 (N:1.68|S:0.13)	-	-
Predicted Environmental Concentration/Deposition (PEC)	3.22	23.52	1.81	-	-
Environmental Assessment Level or Critical Load / Level	Lower: 1 Upper: 3	20.0 Neutral grassland lowland ALTERNATIVE CRITICAL LOAD INFO	maxN: 4.86 maxS: 4.00 minN: 0.86 Neutral grassland lowland	-	-
USE OWN THRESHOLDS?					
% of relevant standard PC	Lower: 0% Upper: 0%	0%	0%	-	-
% of relevant standard PEC	Lower: 322% Upper: 107%	118%	37%	-	-
EXCEEDANCE	Lower: 2.22 Upper: 0.22	3.52	-3.05	-	-

Project Notes

mortimors cross farm

SAVE RESULTS SAVE INPUTS

[Use this Back button. Do not use the browser back button - you could lose all BACK

inputs!]


CEH
Centre for
Ecology & Hydrology
NATURAL ENVIRONMENT RESEARCH COUNCIL
SEPA
Scottish Environment
Protection Agency
ENVIRONMENT
AGENCY
SNIFFER

Results

Scail Home | User Guide | SCAIL-Agriculture Report | SEPA/EA/NIEA/EPA Contact Details | Online Tutorial

Content Specific Help Text

Site Information River Lugg Meanders (SSSI)

Region:	England
Site Name:	River Lugg Meanders
Site Code:	1810
Designation Status:	SSSI
Distance from Installation (m):	4331
Receptor Type:	Habitat
Grid Reference:	346223,261418
Met Site:	SENN
Run Mode:	Conservative
PM_{10} Percentile:	Average

Installation Information

No.	Name	No. of sources	No. of new sources	PM_{10} (t/a)	NH_3 (t/a)	Odour (kOu/a)	Conc NH_3 (µg/m3)	Dep N (kg/ha/yr)	Dep Acid (kEq H+/ha/yr)	Conc PM_{10} (µg/m3)	Conc Odour (Ou/m3)
1	manure store	1	1	-	0.039	-	0	0	0	-	-

Total Depositions/Concentrations and Exceedances

Concentrations/Depositions and Critical Loads/Levels	NH_3 (µg/m3)	N Dep. (kg N/ha/yr)	Acid Dep. (kEq H+/ha/yr)	PM_{10} (µg/m3)	Odour (Ou/m3)
Process Contribution (PC) at receptor edge	0.00086	0.00	0.000	-	-
Background concentration at receptor edge	3.44	23.38	1.80 (N:1.67|S:0.13)	-	-
Predicted Environmental Concentration/Deposition (PEC)	3.44	23.38	1.8	-	-
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	-	-
		ALTERNATIVE CRITICAL LOAD INFO			
USE OWN THRESHOLDS?					
% of relevant standard PC	Lower: 0% Upper: 0%	n/a	n/a	-	-
% of relevant standard PEC	Lower: 344% Upper: 115%	n/a	n/a	-	-
EXCEEDANCE	Lower: 2.44 Upper: 0.44	n/a	n/a	-	-

Project Notes

mortimors cross farm

SAVE RESULTS SAVE INPUTS

[Use this Back button. Do not use the browser back button - you could lose all inputs!] BACK


CEH
Centre for
Ecology & Hydrology
NATURAL ENVIRONMENT RESEARCH COUNCIL
SEPA
Scottish Environment
Protection Agency
ENVIRONMENT
AGENCY
SNIFFER

Results

Scail Home | User Guide | SCAIL-Agriculture Report | SEPA/EA/NIEA/EPA Contact Details | Online Tutorial

Content Specific Help Text

Site Information River Lugg (SSSI)

Region:	England
Site Name:	River Lugg
Site Code:	4570
Designation Status:	SSSI
Distance from Installation (m):	7537
Receptor Type:	Habitat
Grid Reference:	334936,263977.7
Met Site:	SENN
Run Mode:	Conservative
PM_{10} Percentile:	Average

Installation Information

No.	Name	No. of sources	No. of new sources	PM_{10} (t/a)	NH_3 (t/a)	Odour (kOu/a)	Conc NH_3 (µg/m3)	Dep N (kg/ha/yr)	Dep Acid (kEq H+/ha/yr)	Conc PM_{10} (µg/m3)	Conc Odour (Ou/m3)
1	manure store	1	1	-	0.039	-	0	0	0	-	-

Total Depositions/Concentrations and Exceedances

Concentrations/Depositions and Critical Loads/Levels	NH_3 (µg/m3)	N Dep. (kg N/ha/yr)	Acid Dep. (kEq H+/ha/yr)	PM_{10} (µg/m3)	Odour (Ou/m3)
Process Contribution (PC) at receptor edge	0.00033	0.00	0.000	-	-
Background concentration at receptor edge	2.48	21.98	1.73 (N:1.57|S:0.16)	-	-
Predicted Environmental Concentration/Deposition (PEC)	2.48	21.98	1.73	-	-
Environmental Assessment Level or Critical Load / Level	Lower: 1 Upper: 3	Rivers and streams ALTERNATIVE CRITICAL LOAD INFO	Rivers and streams	-	-
USE OWN THRESHOLDS?					
% of relevant standard PC	Lower: 0% Upper: 0%	n/a	n/a	-	-
% of relevant standard PEC	Lower: 248% Upper: 83%	n/a	n/a	-	-
EXCEEDANCE	Lower: 1.48 Upper: No exceedance	n/a	n/a	-	-

Project Notes

mortimors cross farm

SAVE RESULTS SAVE INPUTS

[Use this Back button. Do not use the browser back button - you could lose all inputs!] BACK


CEH
Centre for
Ecology & Hydrology
NATURAL ENVIRONMENT RESEARCH COUNCIL
SEPA
Scottish Environment
Protection Agency
ENVIRONMENT
AGENCY
SNIFFER

Results

Scail Home | User Guide | SCAIL-Agriculture Report | SEPA/EA/NIEA/EPA Contact Details | Online Tutorial

Content Specific Help Text

Site Information Berrington Pool (SSSI)

Region:	England
Site Name:	Berrington Pool
Site Code:	2194
Designation Status:	SSSI
Distance from Installation (m):	8259
Receptor Type:	Habitat
Grid Reference:	350711.4,263159.9
Met Site:	SENN
Run Mode:	Conservative
PM_{10} Percentile:	Average

Installation Information

No.	Name	No. of sources	No. of new sources	PM_{10} (t/a)	NH_3 (t/a)	Odour (kOu/a)	Conc NH_3 (µg/m3)	Dep N (kg/ha/yr)	Dep Acid (kEq H+/ha/yr)	Conc PM_{10} (µg/m3)	Conc Odour (Ou/m3)
1	manure store	1	1	-	0.039	-	0	0	0	-	-

Total Depositions/Concentrations and Exceedances

Concentrations/Depositions and Critical Loads/Levels	NH_3 (µg/m3)	N Dep. (kg N/ha/yr)	Acid Dep. (kEq H+/ha/yr)	PM_{10} (µg/m3)	Odour (Ou/m3)
Process Contribution (PC) at receptor edge	0.00028	0.00	0.000	-	-
Background concentration at receptor edge	2.92	21.70	1.68 (N:1.55|S:0.13)	-	-
Predicted Environmental Concentration/Deposition (PEC)	2.92	21.7	1.68	-	-
Environmental Assessment Level or Critical Load / Level	Lower: 1 Upper: 3	Standing open water not inc oligotrophic types ALTERNATIVE CRITICAL LOAD INFO	Standing open water not inc oligotrophic types	-	-
USE OWN THRESHOLDS?					
% of relevant standard PC	Lower: 0% Upper: 0%	n/a	n/a	-	-
% of relevant standard PEC	Lower: 292% Upper: 97%	n/a	n/a	-	-
EXCEEDANCE	Lower: 1.92 Upper: No exceedance	n/a	n/a	-	-

Project Notes

mortimors cross farm

SAVE RESULTS SAVE INPUTS

[Use this Back button. Do not use the browser back button - you could lose all inputs!] BACK


Centre for
Ecology & Hydrology
NATURAL ENVIRONMENT RESEARCH COUNCIL
SEPA
Scottish Environment
Protection Agency
ENVIRONMENT
AGENCY
SNIFFER

Results

Scail Home | User Guide | SCAIL-Agriculture Report | SEPA/EA/NIEA/EPA Contact Details | Online Tutorial

Content Specific Help Text

Site Information Burrington Sections (SSSI)

Region:	England
Site Name:	Burrington Sections
Site Code:	1990
Designation Status:	SSSI
Distance from Installation (m):	8731
Receptor Type:	Habitat
Grid Reference:	343263.9,272259
Met Site:	SENN
Run Mode:	Conservative
PM_{10} Percentile:	Average

Installation Information

No.	Name	No. of sources	No. of new sources	PM_{10} (t/a)	NH_3 (t/a)	Odour (kOu/a)	Conc NH_3 (µg/m3)	Dep N (kg/ha/yr)	Dep Acid (kEq H+/ha/yr)	Conc PM_{10} (µg/m3)	Conc Odour (Ou/m3)
1	manure store	1	1	-	0.039	-	0	0	0	-	-

Total Depositions/Concentrations and Exceedances

Concentrations/Depositions and Critical Loads/Levels	NH_3 (µg/m3)	N Dep. (kg N/ha/yr)	Acid Dep. (kEq H+/ha/yr)	PM_{10} (µg/m3)	Odour (Ou/m3)
Process Contribution (PC) at receptor edge	0.00026	0.00	0.000	-	-
Background concentration at receptor edge	2.64	21.70	1.69 (N:1.55|S:0.14)	-	-
Predicted Environmental Concentration/Deposition (PEC)	2.64	21.7	1.69	-	-
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	-	-
		ALTERNATIVE CRITICAL LOAD INFO			
USE OWN THRESHOLDS?					
% of relevant standard PC	Lower: 0% Upper: 0%	n/a	n/a	-	-
% of relevant standard PEC	Lower: 264% Upper: 88%	n/a	n/a	-	-
EXCEEDANCE	Lower: 1.64 Upper: No exceedance	n/a	n/a	-	-

Project Notes

mortimors cross farm

SAVE RESULTS SAVE INPUTS

[Use this Back button. Do not use the browser back button - you could lose all inputs!] BACK


Centre for
Ecology & Hydrology
NATURAL ENVIRONMENT RESEARCH COUNCIL
SEPA
Scottish Environment
Protection Agency
ENVIRONMENT
AGENCY
SNIFFER

Results

Scail Home | User Guide | SCAIL-Agriculture Report | SEPA/EA/NIEA/EPA Contact Details | Online Tutorial

Content Specific Help Text

Site Information Brampton Bryan Park (SSSI)

Region:	England
Site Name:	Brampton Bryan Park
Site Code:	2197
Designation Status:	SSSI
Distance from Installation (m):	9883
Receptor Type:	Habitat
Grid Reference:	336391.8,271364.5
Met Site:	SENN
Run Mode:	Conservative
PM_{10} Percentile:	Average

Installation Information

No.	Name	No. of sources	No. of new sources	PM_{10} (t/a)	NH_3 (t/a)	Odour (kOu/a)	Conc NH_3 (µg/m3)	Dep N (kg/ha/yr)	Dep Acid (kEq H+/ha/yr)	Conc PM_{10} (µg/m3)	Conc Odour (Ou/m3)
1	manure store	1	1	-	0.039	-	0	0	0	-	-

Total Depositions/Concentrations and Exceedances

Concentrations/Depositions and Critical Loads/Levels	NH_3 (µg/m3)	N Dep. (kg N/ha/yr)	Acid Dep. (kEq H+/ha/yr)	PM_{10} (µg/m3)	Odour (Ou/m3)
Process Contribution (PC) at receptor edge	0.00021	0.00	0.000	-	-
Background concentration at receptor edge	1.91	29.68	1.44 (N:1.29|S:0.15)	-	-
Predicted Environmental Concentration/Deposition (PEC)	1.91	29.68	1.44	-	-
Environmental Assessment Level or Critical Load / Level	Lower: 1 Upper: 3	5.0 Broad-leaved, mixed and yew woodland	maxN: 1.37 maxS: 0.86 minN: 0.50 Dwarf shrub heath - upland	-	-
		ALTERNATIVE CRITICAL LOAD INFO			
USE OWN THRESHOLDS?					
% of relevant standard PC	Lower: 0% Upper: 0%	0%	0%	-	-
% of relevant standard PEC	Lower: 191% Upper: 64%	594%	105%	-	-
EXCEEDANCE	Lower: 0.91 Upper: No exceedance	24.68	0.07	-	-

Project Notes

mortimors cross farm

SAVE RESULTS SAVE INPUTS

[Use this Back button. Do not use the browser back button - you could lose all inputs!] BACK

Results

Scail Home | User Guide | SCAIL-Agriculture Report | SEPA/EA/NIEA/EPA Contact Details | Online Tutorial

Content Specific Help Text

Site Information Burrington Meadow (SSSI)

Region:	England
Site Name:	Burrington Meadow
Site Code:	2209
Designation Status:	SSSI
Distance from Installation (m):	8237
Receptor Type:	Habitat
Grid Reference:	344528.1,271539.1
Met Site:	SENN
Run Mode:	Conservative
PM_{10} Percentile:	Average

Installation Information

No.	Name	No. of sources	No. of new sources	PM_{10} (t/a)	NH_3 (t/a)	Odour (kOu/a)	Conc NH_3 (µg/m3)	Dep N (kg/ha/yr)	Dep Acid (kEq H+/ha/yr)	Conc PM_{10} (µg/m3)	Conc Odour (Ou/m3)
1	manure store	1	1	-	0.039	-	0	0	0	-	-

Total Depositions/Concentrations and Exceedances

Concentrations/Depositions and Critical Loads/Levels	NH_3 (µg/m3)	N Dep. (kg N/ha/yr)	Acid Dep. (kEq H+/ha/yr)	PM_{10} (µg/m3)	Odour (Ou/m3)
Process Contribution (PC) at receptor edge	0.00029	0.00	0.000	-	-
Background concentration at receptor edge	2.64	21.70	1.69 (N:1.55|S:0.14)	-	-
Predicted Environmental Concentration/Deposition (PEC)	2.64	21.7	1.69	-	-
Environmental Assessment Level or Critical Load / Level	Lower: 1 Upper: 3	10.0 Fen marsh and swamp - lowland ALTERNATIVE CRITICAL LOAD INFO	maxN: 2.05 maxS: 1.61 minN: 0.44 Fen marsh and swamp - lowland	-	-
USE OWN THRESHOLDS?					
% of relevant standard PC	Lower: 0% Upper: 0%	0%	0%	-	-
% of relevant standard PEC	Lower: 264% Upper: 88%	217%	82%	-	-
EXCEEDANCE	Lower: 1.64 Upper: No exceedance	11.70	-0.36	-	-

Project Notes

mortimors cross farm

SAVE RESULTS SAVE INPUTS

[Use this Back button. Do not use the browser back button - you could lose all inputs!] BACK

Results

Scail Home | User Guide | SCAIL-Agriculture Report | SEPA/EA/NIEA/EPA Contact Details | Online Tutorial

Content Specific Help Text

Site Information Byton & Combe Moors (SSSI)

Region:	England
Site Name:	Byton & Combe Moors
Site Code:	2211
Designation Status:	SSSI
Distance from Installation (m):	5772
Receptor Type:	Habitat
Grid Reference:	336697.4,263279.9
Met Site:	SENN
Run Mode:	Conservative
PM_{10} Percentile:	Average

Installation Information

No.	Name	No. of sources	No. of new sources	PM_{10} (t/a)	NH_3 (t/a)	Odour (kOu/a)	Conc NH_3 (µg/m3)	Dep N (kg/ha/yr)	Dep Acid (kEq H+/ha/yr)	Conc PM_{10} (µg/m3)	Conc Odour (Ou/m3)
1	manure store	1	1	-	0.039	-	0	0	0	-	-

Total Depositions/Concentrations and Exceedances

Concentrations/Depositions and Critical Loads/Levels	NH_3 (µg/m3)	N Dep. (kg N/ha/yr)	Acid Dep. (kEq H+/ha/yr)	PM_{10} (µg/m3)	Odour (Ou/m3)
Process Contribution (PC) at receptor edge	0.00052	0.00	0.000	-	-
Background concentration at receptor edge	3.84	27.02	2.08 (N:1.93|S:0.15)	-	-
Predicted Environmental Concentration/Deposition (PEC)	3.84	27.02	2.08	-	-
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	-	-
		ALTERNATIVE CRITICAL LOAD INFO			
USE OWN THRESHOLDS?					
% of relevant standard PC	Lower: 0% Upper: 0%	0%	0%	-	-
% of relevant standard PEC	Lower: 384% Upper: 128%	135%	43%	-	-
EXCEEDANCE	Lower: 2.84 Upper: 0.84	7.02	-2.78	-	-

Project Notes

mortimors cross farm

SAVE RESULTS SAVE INPUTS

[Use this Back button. Do not use the browser back button - you could lose all BACK

inputs!]


CEH
Centre for
Ecology & Hydrology
NATURAL ENVIRONMENT RESEARCH COUNCIL
SEPA
Scottish Environment
Protection Agency
ENVIRONMENT
AGENCY
SNIFFER

Results

Scail Home | User Guide | SCAIL-Agriculture Report | SEPA/EA/NIEA/EPA Contact Details | Online Tutorial

Content Specific Help Text

Site Information Downton Gorge (SAC)

Region:	England
Site Name:	Downton Gorge
Site Code:	UK0012735
Designation Status:	SAC
Distance from Installation (m):	9291
Receptor Type:	Habitat
Grid Reference:	342836.6,272848.7
Met Site:	SENN
Run Mode:	Conservative
PM_{10} Percentile:	Average

Installation Information

No.	Name	No. of sources	No. of new sources	PM_{10} (t/a)	NH_3 (t/a)	Odour (kOu/a)	Conc NH_3 (µg/m3)	Dep N (kg/ha/yr)	Dep Acid (kEq H+/ha/yr)	Conc PM_{10} (µg/m3)	Conc Odour (Ou/m3)
1	manure store	1	1	-	0.039	-	0	0	0	-	-

Total Depositions/Concentrations and Exceedances

Concentrations/Depositions and Critical Loads/Levels	NH_3 (µg/m3)	N Dep. (kg N/ha/yr)	Acid Dep. (kEq H+/ha/yr)	PM_{10} (µg/m3)	Odour (Ou/m3)
Process Contribution (PC) at receptor edge	0.00023	0.00	0.000	-	-
Background concentration at receptor edge	2.64	36.40	2.77 (N:2.60|S:0.17)	-	-
Predicted Environmental Concentration/Deposition (PEC)	2.64	36.4	2.77	-	-
Environmental Assessment Level or Critical Load / Level	Lower: 1 Upper: 3	15.0 Tilio-Acerion forests of slopes, screes and ravines ALTERNATIVE CRITICAL LOAD INFO	maxN: 1.68 maxS: 1.54 minN: 0.14 Tilio-Acerion forests of slopes, screes and ravines	-	-
USE OWN THRESHOLDS?					
% of relevant standard PC	Lower: 0% Upper: 0%	0%	0%	-	-
% of relevant standard PEC	Lower: 264% Upper: 88%	243%	165%	-	-
EXCEEDANCE	Lower: 1.64 Upper: No exceedance	21.40	1.09	-	-

Project Notes

mortimors cross farm

SAVE RESULTS SAVE INPUTS

[Use this Back button. Do not use the browser back button - you could lose all inputs!] BACK

Results

Scail Home | User Guide | SCAIL-Agriculture Report | SEPA/EA/NIEA/EPA Contact Details | Online Tutorial

Content Specific Help Text

Site Information Elton Lane Cutting (SSSI)

Region:	England
Site Name:	Elton Lane Cutting
Site Code:	2235
Designation Status:	SSSI
Distance from Installation (m):	7755
Receptor Type:	Habitat
Grid Reference:	346270.2,270321.1
Met Site:	SENN
Run Mode:	Conservative
PM_{10} Percentile:	Average

Installation Information

No.	Name	No. of sources	No. of new sources	PM_{10} (t/a)	NH_3 (t/a)	Odour (kOu/a)	Conc NH_3 (µg/m3)	Dep N (kg/ha/yr)	Dep Acid (kEq H+/ha/yr)	Conc PM_{10} (µg/m3)	Conc Odour (Ou/m3)
1	manure store	1	1	-	0.039	-	0	0	0	-	-

Total Depositions/Concentrations and Exceedances

Concentrations/Depositions and Critical Loads/Levels	NH_3 (µg/m3)	N Dep. (kg N/ha/yr)	Acid Dep. (kEq H+/ha/yr)	PM_{10} (µg/m3)	Odour (Ou/m3)
Process Contribution (PC) at receptor edge	0.00032	0.00	0.000	-	-
Background concentration at receptor edge	1.72	17.78	1.42 (N:1.27|S:0.15)	-	-
Predicted Environmental Concentration/Deposition (PEC)	1.72	17.78	1.42	-	-
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	-	-
		ALTERNATIVE CRITICAL LOAD INFO			
USE OWN THRESHOLDS?					
% of relevant standard PC	Lower: 0% Upper: 0%	n/a	n/a	-	-
% of relevant standard PEC	Lower: 172% Upper: 57%	n/a	n/a	-	-
EXCEEDANCE	Lower: 0.72 Upper: No exceedance	n/a	n/a	-	-

Project Notes

mortimors cross farm

SAVE RESULTS SAVE INPUTS

[Use this Back button. Do not use the browser back button - you could lose all inputs!] BACK


Centre for
Ecology & Hydrology
NATURAL ENVIRONMENT RESEARCH COUNCIL
SEPA
Scottish Environment
Protection Agency
ENVIRONMENT
AGENCY
SNIFFER

Results

Scail Home | User Guide | SCAIL-Agriculture Report | SEPA/EA/NIEA/EPA Contact Details | Online Tutorial

Content Specific Help Text

Site Information Mortimer Forest (SSSI)

Region:	England
Site Name:	Mortimer Forest
Site Code:	2060
Designation Status:	SSSI
Distance from Installation (m):	9448
Receptor Type:	Habitat
Grid Reference:	347459,271583.5
Met Site:	SENN
Run Mode:	Conservative
PM_{10} Percentile:	Average

Installation Information

No.	Name	No. of sources	No. of new sources	PM_{10} (t/a)	NH_3 (t/a)	Odour (kOu/a)	Conc NH_3 (µg/m3)	Dep N (kg/ha/yr)	Dep Acid (kEq H+/ha/yr)	Conc PM_{10} (µg/m3)	Conc Odour (Ou/m3)
1	manure store	1	1	-	0.039	-	0	0	0	-	-

Total Depositions/Concentrations and Exceedances

Concentrations/Depositions and Critical Loads/Levels	NH_3 (µg/m3)	N Dep. (kg N/ha/yr)	Acid Dep. (kEq H+/ha/yr)	PM_{10} (µg/m3)	Odour (Ou/m3)
Process Contribution (PC) at receptor edge	0.00023	0.00	0.000	-	-
Background concentration at receptor edge	1.72	17.78	1.42 (N:1.27|S:0.15)	-	-
Predicted Environmental Concentration/Deposition (PEC)	1.72	17.78	1.42	-	-
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	-	-
		ALTERNATIVE CRITICAL LOAD INFO			
USE OWN THRESHOLDS?					
% of relevant standard PC	Lower: 0% Upper: 0%	n/a	n/a	-	-
% of relevant standard PEC	Lower: 172% Upper: 57%	n/a	n/a	-	-
EXCEEDANCE	Lower: 0.72 Upper: No exceedance	n/a	n/a	-	-

Project Notes

mortimors cross farm

SAVE RESULTS SAVE INPUTS

[Use this Back button. Do not use the browser back button - you could lose all inputs!] BACK


Centre for
Ecology & Hydrology
NATURAL ENVIRONMENT RESEARCH COUNCIL
SEPA
Scottish Environment
Protection Agency
ENVIRONMENT
AGENCY
SNIFFER

Results

Scail Home | User Guide | SCAIL-Agriculture Report | SEPA/EA/NIEA/EPA Contact Details | Online Tutorial

Content Specific Help Text

Site Information River Teme (SSSI)

Region:	England
Site Name:	River Teme
Site Code:	3811
Designation Status:	SSSI
Distance from Installation (m):	7729
Receptor Type:	Habitat
Grid Reference:	342560.5,271293.7
Met Site:	SENN
Run Mode:	Conservative
PM_{10} Percentile:	Average

Installation Information

No.	Name	No. of sources	No. of new sources	PM_{10} (t/a)	NH_3 (t/a)	Odour (kOu/a)	Conc NH_3 (µg/m3)	Dep N (kg/ha/yr)	Dep Acid (kEq H+/ha/yr)	Conc PM_{10} (µg/m3)	Conc Odour (Ou/m3)
1	manure store	1	1	-	0.039	-	0	0	0	-	-

Total Depositions/Concentrations and Exceedances

Concentrations/Depositions and Critical Loads/Levels	NH_3 (µg/m3)	N Dep. (kg N/ha/yr)	Acid Dep. (kEq H+/ha/yr)	PM_{10} (µg/m3)	Odour (Ou/m3)
Process Contribution (PC) at receptor edge	0.00032	0.00	0.000	-	-
Background concentration at receptor edge	2.64	21.70	1.69 (N:1.55|S:0.14)	-	-
Predicted Environmental Concentration/Deposition (PEC)	2.64	21.7	1.69	-	-
Environmental Assessment Level or Critical Load / Level	Lower: 1 Upper: 3	Rivers and streams ALTERNATIVE CRITICAL LOAD INFO	Rivers and streams	-	-
USE OWN THRESHOLDS?					
% of relevant standard PC	Lower: 0% Upper: 0%	n/a	n/a	-	-
% of relevant standard PEC	Lower: 264% Upper: 88%	n/a	n/a	-	-
EXCEEDANCE	Lower: 1.64 Upper: No exceedance	n/a	n/a	-	-

Project Notes

mortimors cross farm

SAVE RESULTS SAVE INPUTS

[Use this Back button. Do not use the browser back button - you could lose all inputs!] BACK


CEH
Centre for
Ecology & Hydrology
NATURAL ENVIRONMENT RESEARCH COUNCIL
SEPA
Scottish Environment
Protection Agency
ENVIRONMENT
AGENCY
SNIFFER

Results

Scail Home | User Guide | SCAIL-Agriculture Report | SEPA/EA/NIEA/EPA Contact Details | Online Tutorial

Content Specific Help Text

Site Information Rockhall Quarry (SSSI)

Region:	England
Site Name:	Rockhall Quarry
Site Code:	2273
Designation Status:	SSSI
Distance from Installation (m):	1878
Receptor Type:	Habitat
Grid Reference:	342485.4,265443.1
Met Site:	SENN
Run Mode:	Conservative
PM_{10} Percentile:	Average

Installation Information

No.	Name	No. of sources	No. of new sources	PM_{10} (t/a)	NH_3 (t/a)	Odour (kOu/a)	Conc NH_3 (µg/m3)	Dep N (kg/ha/yr)	Dep Acid (kEq H+/ha/yr)	Conc PM_{10} (µg/m3)	Conc Odour (Ou/m3)
1	manure store	1	1	-	0.039	-	0	0.02	0.001	-	-

Total Depositions/Concentrations and Exceedances

Concentrations/Depositions and Critical Loads/Levels	NH_3 (µg/m3)	N Dep. (kg N/ha/yr)	Acid Dep. (kEq H+/ha/yr)	PM_{10} (µg/m3)	Odour (Ou/m3)
Process Contribution (PC) at receptor edge	0.00361	0.02	0.001	-	-
Background concentration at receptor edge	2.08	18.76	1.48 (N:1.34|S:0.14)	-	-
Predicted Environmental Concentration/Deposition (PEC)	2.08	18.78	1.48	-	-
Environmental Assessment Level or Critical Load / Level	Lower: 1 Upper: 3	No sensitive habitat or species at this site ALTERNATIVE CRITICAL LOAD INFO	No sensitive habitat or species at this site	-	-
USE OWN THRESHOLDS?					
% of relevant standard PC	Lower: 0% Upper: 0%	n/a	n/a	-	-
% of relevant standard PEC	Lower: 208% Upper: 69%	n/a	n/a	-	-
EXCEEDANCE	Lower: 1.08 Upper: No exceedance	n/a	n/a	-	-

Project Notes

mortimors cross farm

SAVE RESULTS SAVE INPUTS

[Use this Back button. Do not use the browser back button - you could lose all inputs!] BACK


Centre for
Ecology & Hydrology
NATURAL ENVIRONMENT RESEARCH COUNCIL
SEPA
Scottish Environment
Protection Agency
ENVIRONMENT
AGENCY
SNIFFER