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Content Specific Help Text

Site Information
Baston and Thurlby Fens (SSSI)

Region: England
Site Name: Baston and Thurlby Fens
Site Code: 2667
Designation Status: SSSI
Distance from Installation (m): 992
Receptor Type: Habitat
Grid Reference: 514545.7,317610.1
Met Site: MARH
Run Mode: Conservative
PM₁₀ Percentile: Average

Installation Information

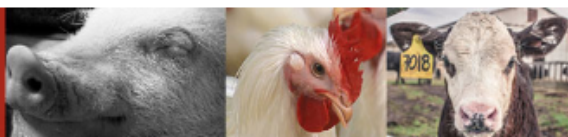
No.	Name	No. of sources	No. of new sources	PM ₁₀ (t/a)	NH ₃ (t/a)	Odour (kOu/a)	Conc NH ₃ (µg/m ³)	Dep N (kg/ha/yr)	Dep Acid (kEq H ⁺ /ha/yr)	Conc PM ₁₀ (µg/m ³)	Conc Odour (Ou/m ³)
1	Watts	1	1	-	2.6	-	0.11	0.55	0.037	-	-

Total Depositions/Concentrations and Exceedances

Concentrations/Depositions and Critical Loads/Levels	NH ₃ (µg/m ³)	N Dep. (kg N/ha/yr)	Acid Dep. (kEq H ⁺ /ha/yr)	PM ₁₀ (µg/m ³)	Odour (Ou/m ³)
Process Contribution (PC) at receptor edge	0.11	0.57	0.038	-	-
Background concentration at receptor edge	1.90	17.36	1.42 (N:1.24 S:0.18)	-	-
Predicted Environmental Concentration/Deposition (PEC)	2.01	17.93	1.46	-	-
Environmental Assessment Level or Critical Load / Level	Lower: 1 Upper: 3	10.0 Fen marsh and swamp - lowland	maxN: 4.31 maxS: 4.09 minN: 0.22 Fen marsh and swamp - lowland	-	-
		ALTERNATIVE CRITICAL LOAD INFO			
USE OWN THRESHOLDS?					
% of relevant standard PC	Lower: 11% Upper: 4%	6%	1%	-	-
% of relevant standard PEC	Lower: 201% Upper: 67%	179%	34%	-	-
EXCEEDANCE	Lower: 1.01 Upper: No exceedance	7.93	-2.85	-	-

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Site Information
Baston Fen (SAC)

Region: England
Site Name: Baston Fen
Site Code: UK0030085
Designation Status: SAC
Distance from Installation (m): 996
Receptor Type: Habitat
Grid Reference: 514546.1,317615.5
Met Site: MARH
Run Mode: Conservative
PM₁₀ 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/m ³)	Dep N (kg/ha/yr)	Dep Acid (kEq H ⁺ /ha/yr)	Conc PM ₁₀ (µg/m ³)	Conc Odour (Ou/m ³)
1	Watts	1	1	-	2.6	-	0.11	0.55	0.037	-	-

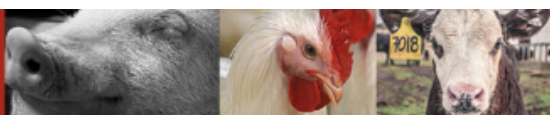
Total Depositions/Concentrations and Exceedances

Concentrations/Depositions and Critical Loads/Levels	NH ₃ (µg/m ³)	N Dep. (kg N/ha/yr)	Acid Dep. (kEq H ⁺ /ha/yr)	PM ₁₀ (µg/m ³)	Odour (Ou/m ³)
Process Contribution (PC) at receptor edge	0.11	0.57	0.038	-	-
Background concentration at receptor edge	1.90	17.36	1.42 (N:1.24 S:0.18)	-	-
Predicted Environmental Concentration/Deposition (PEC)	2.01	17.93	1.46	-	-
Environmental Assessment Level or Critical Load / Level	Lower: 1 Upper: 3	Cobitis taenia	Cobitis taenia	-	-
USE OWN THRESHOLDS?					
% of relevant standard PC	Lower: 11% Upper: 4%	n/a	n/a	-	-
% of relevant standard PEC	Lower: 201% Upper: 67%	n/a	n/a	-	-
EXCEEDANCE	Lower: 1.01 Upper: No exceedance	n/a	n/a	-	-

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Content Specific Help Text

Site Information

Cross Drain (SSSI)

Region: England
Site Name: Cross Drain
Site Code: 2588
Designation Status: SSSI
Distance from Installation (m): 1730
Receptor Type: Habitat
Grid Reference: 514953.5,315149.7
Met Site: MARH
Run Mode: Conservative
PM₁₀ 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/m ³)	Dep N (kg/ha/yr)	Dep Acid (kEq H ⁺ /ha/yr)	Conc PM ₁₀ (µg/m ³)	Conc Odour (Ou/m ³)
1	Watts	1	1	-	2.6	-	0.04	0.21	0.014	-	-

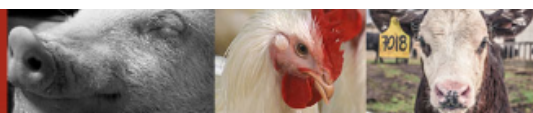
Total Depositions/Concentrations and Exceedances

Concentrations/Depositions and Critical Loads/Levels	NH ₃ (µg/m ³)	N Dep. (kg N/ha/yr)	Acid Dep. (kEq H ⁺ /ha/yr)	PM ₁₀ (µg/m ³)	Odour (Ou/m ³)
Process Contribution (PC) at receptor edge	0.04	0.21	0.014	-	-
Background concentration at receptor edge	1.90	17.36	1.42 (N:1.24 S:0.18)	-	-
Predicted Environmental Concentration/Deposition (PEC)	1.94	17.57	1.43	-	-
Environmental Assessment Level or Critical Load / Level	Lower: 1 Upper: 3	Standing open water not inc oligotrophic types	Standing open water not inc oligotrophic types	-	-
USE OWN THRESHOLDS? ALTERNATIVE CRITICAL LOAD INFO					
% of relevant standard PC	Lower: 4% Upper: 1%	n/a	n/a	-	-
% of relevant standard PEC	Lower: 194% Upper: 65%	n/a	n/a	-	-
EXCEEDANCE	Lower: 0.94 Upper: No exceedance	n/a	n/a	-	-

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Content Specific Help Text

Site Information **Math & Elsea Wood (SSSI)**

Region: England
 Site Name: Math & Elsea Wood
 Site Code: 2562
 Designation Status: SSSI
 Distance from Installation (m): 5254
 Receptor Type: Habitat
 Grid Reference: 510090.1,318096.4
 Met Site: MARH
 Run Mode: Conservative
 PM₁₀ Percentile: Average

Installation Information

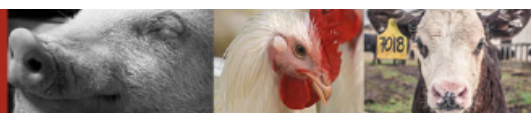
No.	Name	No. of sources	No. of new sources	PM ₁₀ (t/a)	NH ₃ (t/a)	Odour (kOu/a)	Conc NH ₃ (µg/m ³)	Dep N (kg/ha/yr)	Dep Acid (kEq H ⁺ /ha/yr)	Conc PM ₁₀ (µg/m ³)	Conc Odour (Ou/m ³)
1	Watts	1	1	-	2.6	-	0.01	0.09	0.008	-	-

Total Depositions/Concentrations and Exceedances

Concentrations/Depositions and Critical Loads/Levels	NH ₃ (µg/m ³)	N Dep. (kg N/ha/yr)	Acid Dep. (kEq H ⁺ /ha/yr)	PM ₁₀ (µg/m ³)	Odour (Ou/m ³)
Process Contribution (PC) at receptor edge	0.01	0.08	0.005	-	-
Background concentration at receptor edge	1.90	29.28	2.30 (N:2.09 S:0.21)	-	-
Predicted Environmental Concentration/Deposition (PEC)	1.91	29.34	2.3	-	-
Environmental Assessment Level or Critical Load / Level	Lower: 1 Upper: 3	5.0 Broad-leaved, mixed and yew woodland	maxN: 1.33 maxS: 0.98 minN: 0.14 Broad-leaved, mixed and yew woodland	-	-
ALTERNATIVE CRITICAL LOAD INFO					
USE OWN THRESHOLDS?					
% of relevant standard PC	Lower: 1% Upper: 0%	2%	1%	-	-
% of relevant standard PEC	Lower: 191% Upper: 64%	587%	174%	-	-
EXCEEDANCE	Lower: 0.91 Upper: No exceedance	24.34	0.97	-	-

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Content Specific Help Text

Site Information
Dole Wood (SSSI)

Region: England
Site Name: Dole Wood
Site Code: 2676
Designation Status: SSSI
Distance from Installation (m): 5921
Receptor Type: Habitat
Grid Reference: 509322.5,316123.5
Met Site: MARH
Run Mode: Conservative
PM₁₀ Percentile: Average

Installation Information

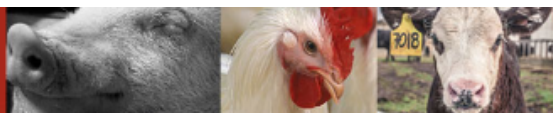
No.	Name	No. of sources	No. of new sources	PM ₁₀ (t/a)	NH ₃ (t/a)	Odour (kOu/a)	Conc NH ₃ (µg/m ³)	Dep N (kg/ha/yr)	Dep Acid (kEq H ⁺ /ha/yr)	Conc PM ₁₀ (µg/m ³)	Conc Odour (Ou/m ³)
1	Watts	1	1	-	2.6	-	0.01	0.08	0.005	-	-

Total Depositions/Concentrations and Exceedances

Concentrations/Depositions and Critical Loads/Levels	NH ₃ (µg/m ³)	N Dep. (kg N/ha/yr)	Acid Dep. (kEq H ⁺ /ha/yr)	PM ₁₀ (µg/m ³)	Odour (Ou/m ³)
Process Contribution (PC) at receptor edge	0.01	0.08	0.005	-	-
Background concentration at receptor edge	1.85	29.40	2.31 (N:2.10 S:0.21)	-	-
Predicted Environmental Concentration/Deposition (PEC)	1.86	29.48	2.32	-	-
Environmental Assessment Level or Critical Load / Level	Lower: 1 Upper: 3	5.0 Broad-leaved, mixed and yew woodland	maxN: 1.33 maxS: 0.98 minN: 0.36 Broad-leaved, mixed and yew woodland	-	-
ALTERNATIVE CRITICAL LOAD INFO					
USE OWN THRESHOLDS?					
% of relevant standard PC	Lower: 1% Upper: 0%	2%	1%	-	-
% of relevant standard PEC	Lower: 186% Upper: 62%	590%	174%	-	-
EXCEEDANCE	Lower: 0.86 Upper: No exceedance	24.48	0.98	-	-

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Content Specific Help Text

Site Information
Langtoft Gravel Pits (SSSI)

Region: England
Site Name: Langtoft Gravel Pits
Site Code: 2692
Designation Status: SSSI
Distance from Installation (m): 6594
Receptor Type: Habitat
Grid Reference: 511582.5,311346.9
Met Site: MARH
Run Mode: Conservative
PM₁₀ 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/m ³)	Dep N (kg/ha/yr)	Dep Acid (kEq H ⁺ /ha/yr)	Conc PM ₁₀ (µg/m ³)	Conc Odour (Ou/m ³)
1	Watts	1	1	-	2.6	-	0.01	0.05	0.003	-	-

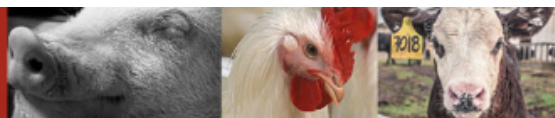
Total Depositions/Concentrations and Exceedances

Concentrations/Depositions and Critical Loads/Levels	NH ₃ (µg/m ³)	N Dep. (kg N/ha/yr)	Acid Dep. (kEq H ⁺ /ha/yr)	PM ₁₀ (µg/m ³)	Odour (Ou/m ³)
Process Contribution (PC) at receptor edge	0.01	0.05	0.004	-	-
Background concentration at receptor edge	2.18	18.06	1.48 (N:1.29 S:0.19)	-	-
Predicted Environmental Concentration/Deposition (PEC)	2.19	18.11	1.48	-	-
Environmental Assessment Level or Critical Load / Level	Lower: 1 Upper: 3	Standing open water not inc oligotrophic types	Standing open water not inc oligotrophic types	-	-
ALTERNATIVE CRITICAL LOAD INFO					
USE OWN THRESHOLDS?					
% of relevant standard PC	Lower: 1% Upper: 0%	n/a	n/a	-	-
% of relevant standard PEC	Lower: 216% Upper: 73%	n/a	n/a	-	-
EXCEEDANCE	Lower: 1.19 Upper: No exceedance	n/a	n/a	-	-

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Content Specific Help Text

Site Information

Deeping Gravel Pits (SSSI)

Region:

England

Site Name:

Deeping Gravel Pits

Site Code: ⓘ

2675

Designation Status: ⓘ

SSSI

Distance from Installation (m): ⓘ

8551

Receptor Type:

Habitat

Grid Reference:

518165.5,308842.3

Met Site: ⓘ

MARH

Run Mode: ⓘ

Conservative

PM₁₀ 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/m ³)	Dep N (kg/ha/yr)	Dep Acid (kEq H ⁺ /ha/yr)	Conc PM ₁₀ (µg/m ³)	Conc Odour (Ou/m ³)
1	Watts	1	1	-	2.6	-	0.01	0.03	0.002	-	-

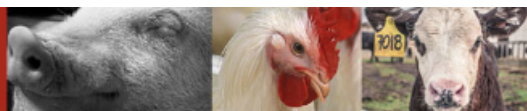
Total Depositions/Concentrations and Exceedances ⓘ

Concentrations/Depositions and Critical Loads/Levels	NH ₃ (µg/m ³)	N Dep. (kg N/ha/yr)	Acid Dep. (kEq H ⁺ /ha/yr)	PM ₁₀ (µg/m ³)	Odour (Ou/m ³)
Process Contribution (PC) at receptor edge	0.01	0.05	0.004	-	-
Background concentration at receptor edge ⓘ	2.64	20.16	1.62 (N:1.44 S:0.18)	-	-
Predicted Environmental Concentration/Deposition (PEC) ⓘ	2.65	20.21	1.62	-	-
Environmental Assessment Level or Critical Load / Level ⓘ	Lower: 1 Upper: 3 ⓘ	Standing open water not inc oligotrophic types	Standing open water not inc oligotrophic types	-	-
		ALTERNATIVE CRITICAL LOAD INFO			
USE OWN THRESHOLDS?					
% of relevant standard PC ⓘ	Lower: 1% Upper: 0%	n/a	n/a	-	-
% of relevant standard PEC ⓘ	Lower: 265% Upper: 88%	n/a	n/a	-	-
EXCEEDANCE ⓘ	Lower: 1.65 Upper: No exceedance	n/a	n/a	-	-

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Content Specific Help Text

Site Information

Cowbit Wash (SSSI)

Region: England
Site Name: Cowbit Wash
Site Code: 3927
Designation Status: SSSI
Distance from Installation (m): 8941
Receptor Type: Habitat
Grid Reference: 523886.3,318967.3
Met Site: MARH
Run Mode: Conservative
PM₁₀ 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/m ³)	Dep N (kg/ha/yr)	Dep Acid (kEq H ⁺ /ha/yr)	Conc PM ₁₀ (µg/m ³)	Conc Odour (Ou/m ³)
1	Watts	1	1	-	2.6	-	0.01	0.03	0.002	-	-

Total Depositions/Concentrations and Exceedances

Concentrations/Depositions and Critical Loads/Levels	NH ₃ (µg/m ³)	N Dep. (kg N/ha/yr)	Acid Dep. (kEq H ⁺ /ha/yr)	PM ₁₀ (µg/m ³)	Odour (Ou/m ³)
Process Contribution (PC) at receptor edge	0.01	0.05	0.004	-	-
Background concentration at receptor edge	2.22	17.92	1.46 (N:1.28 S:0.18)	-	-
Predicted Environmental Concentration/Deposition (PEC)	2.23	17.97	1.46	-	-
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: 1% Upper: 0%	n/a	n/a	-	-
% of relevant standard PEC	Lower: 223% Upper: 74%	n/a	n/a	-	-
EXCEEDANCE	Lower: 1.23 Upper: No exceedance	n/a	n/a	-	-

Project Notes