



Results

[Scail Home](#) | [User Guide](#) | [SCAIL-Agriculture Report](#) | [SEPA/EA/NIEA/EPA Contact Details](#) | [Online Tutorial](#)

Content Specific Help Text

Site Information Botcheston Bog (SSSI) [?](#)

Region: England
 Site Name: Botcheston Bog
 Site Code: [?](#) 2738
 Designation Status: [?](#) SSSI
 Distance from Installation (m): [?](#) 1432
 Receptor Type: Habitat
 Grid Reference: 448658.5,304576.3
 Met Site: [?](#) COLE
 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	Manure and Slurry Store	2	0	-	0.49	-	0.06	0.31	0.021	-	-

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	0.06046	0.31	0.021	-	-
Background concentration at receptor edge ?	2.87	24.53	1.95 (N:1.77 S:0.18)	-	-
Predicted Environmental Concentration/Deposition (PEC) ?	2.93	24.84	1.97	-	-
Environmental Assessment Level or Critical Load / Level ?	Lower: 1 Upper: 3 ?	10.0 Neutral grassland lowland	maxN: 5.07 maxS: 4.00 minN: 1.07 Neutral grassland lowland	-	-
ALTERNATIVE CRITICAL LOAD INFO					
USE OWN THRESHOLDS?					
% of relevant standard PC ?	Lower: 6% Upper: 2%	3%	0%	-	-
% of relevant standard PEC ?	Lower: 293% Upper: 98%	248%	39%	-	-
EXCEEDANCE ?	Lower: 1.93 Upper: No exceedance	14.84	-3.10	-	-

Project Notes

23/00785/FUL - Botcheston Bog Site of Special Scientific Interest

