

Results

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Content Specific Help Text

This is the absolute value of exceedances of relevant environmental standards, where an exceedance occurs then the value is shown in red. When assessing impacts against the critical level for ammonia then two values are shown as they represent comparison with typical and worst case critical levels. The worst case critical level for ammonia is defined for lichens and bryophytes.

Site Information site 1

Region:	Wales
Site Name:	Gweunydd a Choed Pen-Ty (Pen-Ty Pastures & Wood)
Site Code:	6349
Designation Status:	SSSI
Distance from Installation (m):	1756
Habitat Type:	Habitat
Grid Reference:	248163.9,216870.2
Met Site:	MUMB
Run Mode:	Realistic
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)	Dep N (kg/ha/yr)	Conc PM_{10} (µg/m3)	Conc NH_3 (µg/m3)	Conc Odour (Ou/m3)	Dep Acid (kEq H+/ha/yr)
1	Coed Farm	1	1	-	4.8	-	0.76	-	0.15	-	0.051

Total Depositions/Concentrations and Exceedances

Concentrations/Depositions and Critical Loads	PM_{10} (µg/m3)	NH_3 (µg/m3)	Odour (Ou/m3)	N Dep. (kg N/ha/yr)	Acid Dep. (kEq H+/ha/yr)
Process Contribution (PC) at receptor edge Background concentration at receptor edge **Predicted Environmental Concentration (PEC)**	- - -	0.15 2.46 2.61	- - -		
Process Contribution (PC) at receptor edge Background deposition at receptor **Predicted Environmental Deposition (PEC)**				0.78 21.56 22.34	0.053 1.72 (N:1.54|S:0.18) 1.77
Environmental Assessment Level or Critical Load / Level	-	1 or 3	-	No sensitive habitat or species at this site Alternative Critical Load Info	No sensitive habitat or species at this site
% of relevant standard PC	-	15% or 5%	-	n/a	n/a
% of relevant standard PEC	-	261% or 87%	-	n/a	n/a
EXCEEDANCE	-	1.61 or No exceedance	-	n/a	n/a

Project Notes

Save Results Save Inputs

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