Scenario 4: 90% abatement

Receptor number	X(m)	Y(m)	Designation	Site Parameters			Maximum annual ammonia concentration		Maximum annual nitrogen deposition rate	
				Deposition Velocity	Critical Level (µg/m3)	Critical Load (kg/ha)	Process Contribution (µg/m3)	%age of Critical Level	Process Contribution (kg/ha)	%age of Critical Load
1	301307	245601	Cefn-Perffedd-Uchaf AW	0.03	1	10	0.006	0.57	0.04	0.44
2	301375	245830	Cefn-Perffedd-Uchaf AW	0.03	1	10	0.005	0.54	0.04	0.42
3	300842	246366	Cefn-Perffedd-Isaf AW	0.03	1	10	0.001	0.07	0.01	0.06
4	301034	246526	Cefn-Perffedd-Isaf AW	0.03	1	10	0.001	0.08	0.01	0.06
5	301853	246454	Unnamed AW	0.03	1	10	0.003	0.25	0.02	0.20
6	299605	243755	Mynydd Epynt SSSI	0.02	1	5	0.002	0.15	0.01	0.16
7	302642	246698	Allt Cynhelyg SSSI	0.03	1	5	0.001	0.14	0.01	0.22
8	302494	247163	Allt Cynhelyg SSSI	0.03	1	5	0.001	0.10	0.01	0.16
9	302792	247619	Allt Cynhelyg SSSI	0.03	1	5	0.001	0.08	0.01	0.12
11	301007	244503	Mynydd Epynt SSSI/SAC	0.02	1	5	0.017	**1.65**	0.09	**1.72**
12	300726	244172	Mynydd Epynt SSSI/SAC	0.02	1	5	0.005	0.52	0.03	0.54
13	301654	244185	River Wye Tributaries SSSI/River Wye SAC	0.02	1	5	0.012	**1.22**	0.06	**1.26**
14	301392	243977	River Wye Tributaries SSSI/River Wye SAC	0.02	1	5	0.006	0.60	0.03	0.62
15	302579	243814	River Wye Tributaries SSSI/River Wye SAC	0.02	1	5	0.004	0.37	0.02	0.38
16	303734	243506	River Wye Tributaries SSSI/River Wye SAC	0.02	1	5	0.001	0.12	0.01	0.12
19	302692	241771	River Wye Tributaries SSSI/River Wye SAC	0.02	1	5	0.001	0.06	0.00	0.06
20	304024	241943	River Wye Tributaries SSSI/River Wye SAC	0.03	1	5	0.001	0.10	0.01	0.16
22	299743	243773	Mynydd Epynt SSSI/SAC	0.02	1	5	0.002	0.17	0.01	0.18
23	301821	246671	Duhonw SSSI/River Wye SAC	0.03	1	5	0.003	0.26	0.02	0.40
24	300993	247279	Duhonw SSSI/River Wye SAC	0.03	1	5	0.001	0.05	0.00	0.08
25	301908	247275	Duhonw SSSI/River Wye SAC	0.03	1	5	0.002	0.18	0.01	0.28
26	302597	248435	Duhonw SSSI/River Wye SAC	0.03	1	5	0.001	0.07	0.01	0.12

[Information based on: AS Modelling & Data Ltd. *A Report on the Modelling of the Dispersion and Deposition of Ammonia from the Proposed Broiler Chicken Rearing Houses at Blaenbwch, Maesmynis, Builth Wells, in Powys.* 25th June 2018. Table 6]