

Appendix E. Air Quality Assessment Supporting Information

E.1. Air quality assessment methodology supporting information

Figure E-1 – Air Quality Receptor Transects

Legend

- Modelled Receptor Transects
- Oxford Meadows SAC



Original scale: 1:2,500	Figure No.
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Project:
Oxford Core Transport Schemes

Client: Oxfordshire County Council

Title: Air Quality Receptor Transects

Drawn by: CW	Checked by: VLS	Reviewed by: VLS
Date: 10/11/2022	Date: 10/11/2022	Date: 10/11/2022

E.2. Air quality results

Table E-1 - Total annual mean concentrations of NO_x (µg/m³)

Unique ID	X	Y	Approx. Distance to SAC Boundary (m)	Base	Do-Nothing	Do-Minimum	Do-Something	DS-DN	DS-DM
2	448322	209637	0	76.5	53.6	53.8	54.4	0.7	0.6
3	448330	209631	9	63.8	45.2	45.3	45.8	0.6	0.5
4	448337	209624	19	55.1	39.4	39.5	39.8	0.5	0.4
5	448345	209618	29	49.3	35.5	35.6	35.9	0.4	0.3
6	448352	209611	39	44.7	32.5	32.5	32.8	0.3	0.3
7	448360	209604	49	41.6	30.4	30.5	30.7	0.3	0.3
8	448367	209598	59	38.8	28.6	28.6	28.8	0.3	0.2
9	448375	209591	69	36.9	27.3	27.3	27.5	0.2	0.2
10	448382	209584	79	34.9	26.1	26.1	26.3	0.2	0.2
11	448390	209578	89	33.5	25.1	25.1	25.3	0.2	0.2
12	448397	209571	99	32.2	24.3	24.3	24.4	0.2	0.2
13	448405	209565	109	31.1	23.6	23.6	23.7	0.1	0.1
14	448412	209558	119	30.1	22.9	22.9	23.0	0.1	0.1
15	448420	209551	129	29.4	22.4	22.4	22.5	0.1	0.1
16	448427	209545	139	28.6	21.9	21.9	22.0	0.1	0.1
17	448435	209538	149	28.1	21.6	21.6	21.7	<0.1	0.1
18	448442	209532	159	27.6	21.3	21.2	21.3	<0.1	0.1
19	448450	209525	169	27.2	21.0	21.0	21.1	<0.1	0.1
20	448457	209518	179	26.9	20.8	20.7	20.8	<0.1	0.1
21	448465	209512	189	26.5	20.5	20.5	20.6	<0.1	0.1
23	448402	209767	0	79.7	55.8	56.0	56.6	0.8	0.7
24	448410	209761	9	65.7	46.4	46.6	47.1	0.6	0.5
25	448417	209754	19	56.3	40.2	40.3	40.7	0.5	0.4
26	448424	209748	29	50.1	36.0	36.1	36.5	0.4	0.3
27	448432	209741	39	45.6	33.0	33.1	33.4	0.4	0.3
28	448439	209734	49	42.1	30.7	30.8	31.0	0.3	0.3
29	448447	209728	59	39.4	28.9	29.0	29.2	0.3	0.2
30	448454	209721	69	37.1	27.4	27.5	27.7	0.3	0.2
31	448462	209714	79	35.3	26.3	26.3	26.5	0.2	0.2
32	448469	209708	89	33.7	25.2	25.2	25.4	0.2	0.2

Unique ID	X	Y	Approx. Distance to SAC Boundary (m)	Base	Do-Nothing	Do-Minimum	Do-Something	DS-DN	DS-DM
33	448477	209701	99	32.5	24.4	24.5	24.6	0.2	0.2
34	448484	209695	109	31.4	23.7	23.7	23.9	0.2	0.2
35	448492	209688	119	30.7	23.2	23.2	23.4	0.2	0.1
36	448499	209681	129	29.8	22.6	22.7	22.8	0.2	0.1
37	448507	209675	139	29.2	22.2	22.2	22.4	0.1	0.1
38	448514	209668	149	28.7	21.9	21.9	22.1	0.1	0.1
39	448522	209662	159	28.0	21.5	21.5	21.6	0.1	0.1
40	448529	209655	169	27.6	21.2	21.2	21.3	0.1	0.1
41	448537	209648	179	27.1	20.9	20.9	21.0	0.1	0.1
42	448544	209642	189	26.6	20.5	20.5	20.6	<0.1	0.1
44	448496	209886	0	76.5	53.6	53.7	54.4	0.8	0.6
45	448504	209880	9	63.5	44.9	45.1	45.5	0.6	0.5
46	448511	209873	19	54.9	39.2	39.3	39.7	0.5	0.4
47	448519	209867	29	49.1	35.3	35.4	35.8	0.4	0.3
48	448526	209860	39	44.5	32.3	32.4	32.6	0.4	0.3
49	448534	209853	49	41.5	30.3	30.4	30.6	0.3	0.3
50	448541	209847	59	38.7	28.5	28.5	28.8	0.3	0.2
51	448549	209840	69	36.8	27.2	27.3	27.5	0.3	0.2
52	448556	209833	79	35.0	26.0	26.1	26.3	0.3	0.2
53	448564	209827	89	33.8	25.2	25.3	25.4	0.2	0.2
54	448571	209820	99	32.6	24.4	24.5	24.6	0.2	0.2
55	448579	209814	109	31.6	23.7	23.8	23.9	0.2	0.2
56	448586	209807	119	30.7	23.1	23.2	23.3	0.2	0.1
57	448594	209800	129	30.0	22.7	22.8	22.9	0.2	0.1
58	448601	209794	139	29.3	22.2	22.3	22.4	0.2	0.1
59	448609	209787	149	28.8	21.9	22.0	22.1	0.2	0.1
60	448616	209781	159	28.1	21.5	21.5	21.6	0.2	0.1
61	448624	209774	169	27.5	21.1	21.1	21.2	0.1	0.1
62	448631	209767	179	27.1	20.8	20.8	20.9	0.1	0.1
63	448639	209761	189	26.5	20.4	20.4	20.5	0.1	0.1
64	448383	210111	190	22.5	17.9	18.0	18.0	0.2	<0.1
65	448390	210104	180	22.9	18.1	18.2	18.3	0.2	<0.1
66	448398	210097	170	23.2	18.3	18.4	18.5	0.2	<0.1

Unique ID	X	Y	Approx. Distance to SAC Boundary (m)	Base	Do-Nothing	Do-Minimum	Do-Something	DS-DN	DS-DM
67	448405	210091	160	23.7	18.7	18.8	18.8	0.2	<0.1
68	448413	210084	150	24.1	18.9	19.0	19.1	0.2	<0.1
69	448420	210078	140	24.7	19.3	19.4	19.5	0.2	<0.1
70	448428	210071	130	25.2	19.6	19.7	19.8	0.2	<0.1
71	448435	210064	120	25.8	20.0	20.1	20.2	0.2	<0.1
72	448443	210058	110	26.4	20.4	20.5	20.6	0.2	<0.1
73	448450	210051	100	27.2	20.9	21.0	21.1	0.2	0.1
74	448458	210044	90	27.9	21.4	21.5	21.6	0.2	0.1
75	448465	210038	80	28.9	22.0	22.1	22.2	0.2	0.1
76	448473	210031	70	30.0	22.7	22.8	22.9	0.2	0.1
77	448480	210025	60	31.4	23.6	23.7	23.9	0.3	0.1
78	448488	210018	50	33.2	24.7	24.8	25.0	0.3	0.2
79	448495	210011	40	35.4	26.1	26.3	26.4	0.3	0.2
80	448503	210005	30	38.4	28.0	28.2	28.4	0.3	0.2
81	448510	209998	20	42.4	30.6	30.8	31.0	0.4	0.2
82	448518	209992	10	48.5	34.5	34.7	35.0	0.5	0.3
83	448525	209985	0	59.0	41.2	41.4	41.8	0.6	0.4
85	448284	209996	180	22.3	17.8	17.8	17.9	0.1	<0.1
86	448291	209990	170	22.6	18.0	18.1	18.1	0.1	<0.1
87	448299	209983	160	23.1	18.3	18.4	18.4	0.1	<0.1
88	448306	209976	150	23.5	18.5	18.6	18.7	0.2	<0.1
89	448314	209970	140	23.9	18.8	18.9	19.0	0.2	<0.1
90	448321	209963	130	24.3	19.1	19.2	19.2	0.2	<0.1
91	448329	209956	120	24.9	19.4	19.5	19.6	0.2	<0.1
92	448336	209950	110	25.5	19.8	19.9	20.0	0.2	<0.1
93	448344	209943	100	26.1	20.2	20.3	20.4	0.2	<0.1
94	448351	209937	90	26.8	20.7	20.7	20.8	0.2	0.1
95	448359	209930	80	27.6	21.2	21.3	21.4	0.2	0.1
96	448366	209923	70	28.4	21.7	21.8	21.9	0.2	0.1
97	448374	209917	60	29.5	22.4	22.5	22.6	0.2	0.1
98	448381	209910	50	30.9	23.3	23.4	23.5	0.2	0.1
99	448389	209904	40	32.6	24.4	24.4	24.6	0.3	0.2
100	448396	209897	30	34.8	25.8	25.9	26.0	0.3	0.2

Unique ID	X	Y	Approx. Distance to SAC Boundary (m)	Base	Do-Nothing	Do-Minimum	Do-Something	DS-DN	DS-DM
101	448404	209890	20	37.5	27.5	27.6	27.8	0.3	0.2
102	448411	209884	10	41.7	30.2	30.3	30.6	0.4	0.2
103	448419	209877	0	47.2	33.7	33.8	34.1	0.4	0.3
106	448196	209874	180	22.1	17.7	17.7	17.8	0.1	<0.1
107	448204	209867	170	22.5	17.9	18.0	18.0	0.1	<0.1
108	448211	209861	160	22.8	18.1	18.2	18.3	0.1	<0.1
109	448219	209854	150	23.2	18.4	18.5	18.5	0.1	<0.1
110	448226	209847	140	23.7	18.7	18.7	18.8	0.1	<0.1
111	448234	209841	130	24.1	19.0	19.0	19.1	0.1	<0.1
112	448241	209834	120	24.6	19.3	19.4	19.4	0.1	<0.1
113	448249	209828	110	25.2	19.6	19.7	19.8	0.1	<0.1
114	448256	209821	100	25.8	20.0	20.1	20.2	0.2	<0.1
115	448264	209814	90	26.4	20.4	20.5	20.6	0.2	<0.1
116	448271	209808	80	27.2	21.0	21.0	21.1	0.2	0.1
117	448279	209801	70	28.1	21.5	21.6	21.7	0.2	0.1
118	448286	209794	60	29.2	22.2	22.3	22.4	0.2	0.1
119	448294	209788	50	30.6	23.1	23.2	23.3	0.2	0.1
120	448301	209781	40	32.3	24.2	24.3	24.4	0.2	0.2
121	448309	209775	30	34.4	25.6	25.6	25.8	0.2	0.2
122	448316	209768	20	37.4	27.5	27.6	27.8	0.3	0.2
123	448324	209761	10	41.4	30.0	30.1	30.3	0.3	0.2
124	448331	209755	0	47.8	34.1	34.2	34.5	0.4	0.3

BOLD indicates exceedance of critical level

Tables only include results for relevant air quality receptors

Table E-2 - Changes in the total annual mean NOx concentration ($\mu\text{g}/\text{m}^3$) of over 1% of the critical level with the Scheme both alone and in-combination

Unique ID	X	Y	DS-DN	DS-DM	DS-DN % change in relation to critical level	DS-DM % change in relation to critical level
2	448322	209637	0.7	0.6	2.5%	2.1%
3	448330	209631	0.6	0.5	1.9%	1.6%
4	448337	209624	0.5	0.4	1.6%	1.3%
5	448345	209618	0.4	0.3	1.3%	1.1%
6	448352	209611	0.3	0.3	1.1%	0.9%
7	448360	209604	0.3	0.3	1.0%	0.8%
8	448367	209598	0.3	0.2	0.9%	0.8%
9	448375	209591	0.2	0.2	0.8%	0.7%
10	448382	209584	0.2	0.2	0.7%	0.6%
11	448390	209578	0.2	0.2	0.6%	0.6%
12	448397	209571	0.2	0.2	0.5%	0.5%
13	448405	209565	0.1	0.1	0.5%	0.5%
14	448412	209558	0.1	0.1	0.4%	0.5%
15	448420	209551	0.1	0.1	0.4%	0.4%
16	448427	209545	0.1	0.1	0.3%	0.4%
17	448435	209538	<0.1	0.1	0.3%	0.4%
18	448442	209532	<0.1	0.1	0.3%	0.4%
19	448450	209525	<0.1	0.1	0.2%	0.4%
20	448457	209518	<0.1	0.1	0.2%	0.3%
21	448465	209512	<0.1	0.1	0.2%	0.3%
23	448402	209767	0.8	0.7	2.7%	2.2%
24	448410	209761	0.6	0.5	2.1%	1.7%
25	448417	209754	0.5	0.4	1.7%	1.4%
26	448424	209748	0.4	0.3	1.4%	1.1%
27	448432	209741	0.4	0.3	1.2%	1.0%
28	448439	209734	0.3	0.3	1.1%	0.9%
29	448447	209728	0.3	0.2	1.0%	0.8%
30	448454	209721	0.3	0.2	0.9%	0.7%
31	448462	209714	0.2	0.2	0.8%	0.6%
32	448469	209708	0.2	0.2	0.7%	0.6%
33	448477	209701	0.2	0.2	0.7%	0.5%
34	448484	209695	0.2	0.2	0.6%	0.5%

Unique ID	X	Y	DS-DN	DS-DM	DS-DN % change in relation to critical level	DS-DM % change in relation to critical level
35	448492	209688	0.2	0.1	0.6%	0.5%
36	448499	209681	0.2	0.1	0.5%	0.5%
37	448507	209675	0.1	0.1	0.5%	0.4%
38	448514	209668	0.1	0.1	0.4%	0.4%
39	448522	209662	0.1	0.1	0.4%	0.4%
40	448529	209655	0.1	0.1	0.4%	0.4%
41	448537	209648	0.1	0.1	0.3%	0.4%
42	448544	209642	<0.1	0.1	0.3%	0.4%
44	448496	209886	0.8	0.6	2.6%	2.1%
45	448504	209880	0.6	0.5	2.1%	1.6%
46	448511	209873	0.5	0.4	1.7%	1.3%
47	448519	209867	0.4	0.3	1.5%	1.1%
48	448526	209860	0.4	0.3	1.3%	0.9%
49	448534	209853	0.3	0.3	1.2%	0.8%
50	448541	209847	0.3	0.2	1.0%	0.8%
51	448549	209840	0.3	0.2	1.0%	0.7%
52	448556	209833	0.3	0.2	0.9%	0.6%
53	448564	209827	0.2	0.2	0.8%	0.6%
54	448571	209820	0.2	0.2	0.7%	0.5%
55	448579	209814	0.2	0.2	0.7%	0.5%
56	448586	209807	0.2	0.1	0.7%	0.5%
57	448594	209800	0.2	0.1	0.6%	0.5%
58	448601	209794	0.2	0.1	0.6%	0.4%
59	448609	209787	0.2	0.1	0.5%	0.4%
60	448616	209781	0.2	0.1	0.5%	0.4%
61	448624	209774	0.1	0.1	0.5%	0.4%
62	448631	209767	0.1	0.1	0.4%	0.4%
63	448639	209761	0.1	0.1	0.4%	0.3%
64	448383	210111	0.2	<0.1	0.6%	0.2%
65	448390	210104	0.2	<0.1	0.6%	0.2%
66	448398	210097	0.2	<0.1	0.6%	0.2%
67	448405	210091	0.2	<0.1	0.6%	0.2%
68	448413	210084	0.2	<0.1	0.6%	0.2%

Unique ID	X	Y	DS-DN	DS-DM	DS-DN % change in relation to critical level	DS-DM % change in relation to critical level
69	448420	210078	0.2	<0.1	0.6%	0.3%
70	448428	210071	0.2	<0.1	0.7%	0.3%
71	448435	210064	0.2	<0.1	0.7%	0.3%
72	448443	210058	0.2	<0.1	0.7%	0.3%
73	448450	210051	0.2	0.1	0.7%	0.3%
74	448458	210044	0.2	0.1	0.7%	0.4%
75	448465	210038	0.2	0.1	0.8%	0.4%
76	448473	210031	0.2	0.1	0.8%	0.4%
77	448480	210025	0.3	0.1	0.9%	0.5%
78	448488	210018	0.3	0.2	0.9%	0.5%
79	448495	210011	0.3	0.2	1.0%	0.6%
80	448503	210005	0.3	0.2	1.2%	0.7%
81	448510	209998	0.4	0.2	1.3%	0.8%
82	448518	209992	0.5	0.3	1.5%	1.0%
83	448525	209985	0.6	0.4	2.0%	1.3%
85	448284	209996	0.1	<0.1	0.5%	0.2%
86	448291	209990	0.1	<0.1	0.5%	0.2%
87	448299	209983	0.1	<0.1	0.5%	0.2%
88	448306	209976	0.2	<0.1	0.5%	0.2%
89	448314	209970	0.2	<0.1	0.5%	0.2%
90	448321	209963	0.2	<0.1	0.5%	0.3%
91	448329	209956	0.2	<0.1	0.6%	0.3%
92	448336	209950	0.2	<0.1	0.6%	0.3%
93	448344	209943	0.2	<0.1	0.6%	0.3%
94	448351	209937	0.2	0.1	0.6%	0.3%
95	448359	209930	0.2	0.1	0.6%	0.4%
96	448366	209923	0.2	0.1	0.7%	0.4%
97	448374	209917	0.2	0.1	0.7%	0.4%
98	448381	209910	0.2	0.1	0.8%	0.5%
99	448389	209904	0.3	0.2	0.8%	0.5%
100	448396	209897	0.3	0.2	0.9%	0.6%
101	448404	209890	0.3	0.2	1.0%	0.7%
102	448411	209884	0.4	0.2	1.2%	0.8%

Unique ID	X	Y	DS-DN	DS-DM	DS-DN % change in relation to critical level	DS-DM % change in relation to critical level
103	448419	209877	0.4	0.3	1.4%	0.9%
106	448196	209874	0.1	<0.1	0.4%	0.2%
107	448204	209867	0.1	<0.1	0.4%	0.2%
108	448211	209861	0.1	<0.1	0.4%	0.2%
109	448219	209854	0.1	<0.1	0.4%	0.2%
110	448226	209847	0.1	<0.1	0.4%	0.2%
111	448234	209841	0.1	<0.1	0.5%	0.3%
112	448241	209834	0.1	<0.1	0.5%	0.3%
113	448249	209828	0.1	<0.1	0.5%	0.3%
114	448256	209821	0.2	<0.1	0.5%	0.3%
115	448264	209814	0.2	<0.1	0.5%	0.3%
116	448271	209808	0.2	0.1	0.6%	0.4%
117	448279	209801	0.2	0.1	0.6%	0.4%
118	448286	209794	0.2	0.1	0.6%	0.4%
119	448294	209788	0.2	0.1	0.7%	0.5%
120	448301	209781	0.2	0.2	0.8%	0.5%
121	448309	209775	0.2	0.2	0.8%	0.6%
122	448316	209768	0.3	0.2	0.9%	0.7%
123	448324	209761	0.3	0.2	1.1%	0.8%
124	448331	209755	0.4	0.3	1.4%	1.0%

BOLD indicates exceedance of critical level

Tables only include results for relevant air quality receptors

For NOx concentrations the critical level is 30 µg/m³ and the and changes greater than 0.3 µg/m³ corresponds to a change greater than 1%

Table E-3 - Total annual mean concentrations of NH₃ (µg/m³)

Unique ID	X	Y	Base	Do-Nothing	Do-Minimum	Do-Something	DS-DN	DS-DM
2	448322	209637	2.8	2.9	2.9	2.9	<0.1	<0.1
3	448330	209631	2.7	2.8	2.8	2.8	<0.1	<0.1
4	448337	209624	2.6	2.7	2.7	2.7	<0.1	<0.1
5	448345	209618	2.6	2.7	2.7	2.7	<0.1	<0.1
6	448352	209611	2.6	2.6	2.6	2.6	<0.1	<0.1
7	448360	209604	2.5	2.6	2.6	2.6	<0.1	<0.1
8	448367	209598	2.5	2.6	2.6	2.6	<0.1	<0.1
9	448375	209591	2.5	2.6	2.6	2.6	<0.1	<0.1
10	448382	209584	2.5	2.5	2.5	2.5	<0.1	<0.1
11	448390	209578	2.5	2.5	2.5	2.5	<0.1	<0.1
12	448397	209571	2.5	2.5	2.5	2.5	<0.1	<0.1
13	448405	209565	2.5	2.5	2.5	2.5	<0.1	<0.1
14	448412	209558	2.5	2.5	2.5	2.5	<0.1	<0.1
15	448420	209551	2.5	2.5	2.5	2.5	<0.1	<0.1
16	448427	209545	2.5	2.5	2.5	2.5	<0.1	<0.1
17	448435	209538	2.5	2.5	2.5	2.5	<0.1	<0.1
18	448442	209532	2.5	2.5	2.5	2.5	<0.1	<0.1
19	448450	209525	2.4	2.5	2.5	2.5	<0.1	<0.1
20	448457	209518	2.4	2.5	2.5	2.5	<0.1	<0.1
21	448465	209512	2.4	2.5	2.5	2.5	<0.1	<0.1
23	448402	209767	2.8	2.9	2.9	2.9	<0.1	<0.1
24	448410	209761	2.7	2.8	2.8	2.8	<0.1	<0.1
25	448417	209754	2.6	2.7	2.7	2.7	<0.1	<0.1
26	448424	209748	2.6	2.7	2.7	2.7	<0.1	<0.1
27	448432	209741	2.6	2.6	2.6	2.6	<0.1	<0.1
28	448439	209734	2.5	2.6	2.6	2.6	<0.1	<0.1
29	448447	209728	2.5	2.6	2.6	2.6	<0.1	<0.1
30	448454	209721	2.5	2.6	2.6	2.6	<0.1	<0.1
31	448462	209714	2.5	2.5	2.5	2.5	<0.1	<0.1
32	448469	209708	2.5	2.5	2.5	2.5	<0.1	<0.1
33	448477	209701	2.5	2.5	2.5	2.5	<0.1	<0.1
34	448484	209695	2.5	2.5	2.5	2.5	<0.1	<0.1
35	448492	209688	2.5	2.5	2.5	2.5	<0.1	<0.1

Unique ID	X	Y	Base	Do-Nothing	Do-Minimum	Do-Something	DS-DN	DS-DM
36	448499	209681	2.5	2.5	2.5	2.5	<0.1	<0.1
37	448507	209675	2.5	2.5	2.5	2.5	<0.1	<0.1
38	448514	209668	2.5	2.5	2.5	2.5	<0.1	<0.1
39	448522	209662	2.5	2.5	2.5	2.5	<0.1	<0.1
40	448529	209655	2.5	2.5	2.5	2.5	<0.1	<0.1
41	448537	209648	2.4	2.5	2.5	2.5	<0.1	<0.1
42	448544	209642	2.4	2.5	2.5	2.5	<0.1	<0.1
44	448496	209886	2.8	2.9	2.9	2.9	<0.1	<0.1
45	448504	209880	2.7	2.8	2.8	2.8	<0.1	<0.1
46	448511	209873	2.6	2.7	2.7	2.7	<0.1	<0.1
47	448519	209867	2.6	2.7	2.7	2.7	<0.1	<0.1
48	448526	209860	2.6	2.6	2.6	2.6	<0.1	<0.1
49	448534	209853	2.5	2.6	2.6	2.6	<0.1	<0.1
50	448541	209847	2.5	2.6	2.6	2.6	<0.1	<0.1
51	448549	209840	2.5	2.6	2.6	2.6	<0.1	<0.1
52	448556	209833	2.5	2.5	2.5	2.5	<0.1	<0.1
53	448564	209827	2.5	2.5	2.5	2.5	<0.1	<0.1
54	448571	209820	2.5	2.5	2.5	2.5	<0.1	<0.1
55	448579	209814	2.5	2.5	2.5	2.5	<0.1	<0.1
56	448586	209807	2.5	2.5	2.5	2.5	<0.1	<0.1
57	448594	209800	2.5	2.5	2.5	2.5	<0.1	<0.1
58	448601	209794	2.5	2.5	2.5	2.5	<0.1	<0.1
59	448609	209787	2.5	2.5	2.5	2.5	<0.1	<0.1
60	448616	209781	2.5	2.5	2.5	2.5	<0.1	<0.1
61	448624	209774	2.5	2.5	2.5	2.5	<0.1	<0.1
62	448631	209767	2.4	2.5	2.5	2.5	<0.1	<0.1
63	448639	209761	2.4	2.5	2.5	2.5	<0.1	<0.1
64	448383	210111	2.4	2.4	2.4	2.4	<0.1	<0.1
65	448390	210104	2.4	2.4	2.4	2.4	<0.1	<0.1
66	448398	210097	2.4	2.4	2.4	2.4	<0.1	<0.1
67	448405	210091	2.4	2.4	2.4	2.4	<0.1	<0.1
68	448413	210084	2.4	2.4	2.4	2.4	<0.1	<0.1
69	448420	210078	2.4	2.4	2.5	2.5	<0.1	<0.1

Unique ID	X	Y	Base	Do-Nothing	Do-Minimum	Do-Something	DS-DN	DS-DM
70	448428	210071	2.4	2.5	2.5	2.5	<0.1	<0.1
71	448435	210064	2.4	2.5	2.5	2.5	<0.1	<0.1
72	448443	210058	2.4	2.5	2.5	2.5	<0.1	<0.1
73	448450	210051	2.4	2.5	2.5	2.5	<0.1	<0.1
74	448458	210044	2.5	2.5	2.5	2.5	<0.1	<0.1
75	448465	210038	2.5	2.5	2.5	2.5	<0.1	<0.1
76	448473	210031	2.5	2.5	2.5	2.5	<0.1	<0.1
77	448480	210025	2.5	2.5	2.5	2.5	<0.1	<0.1
78	448488	210018	2.5	2.5	2.5	2.5	<0.1	<0.1
79	448495	210011	2.5	2.5	2.5	2.5	<0.1	<0.1
80	448503	210005	2.5	2.6	2.6	2.6	<0.1	<0.1
81	448510	209998	2.6	2.6	2.6	2.6	<0.1	<0.1
82	448518	209992	2.6	2.6	2.6	2.7	<0.1	<0.1
83	448525	209985	2.7	2.7	2.7	2.7	<0.1	<0.1
85	448284	209996	2.4	2.4	2.4	2.4	<0.1	<0.1
86	448291	209990	2.4	2.4	2.4	2.4	<0.1	<0.1
87	448299	209983	2.4	2.4	2.4	2.4	<0.1	<0.1
88	448306	209976	2.4	2.4	2.4	2.4	<0.1	<0.1
89	448314	209970	2.4	2.4	2.4	2.4	<0.1	<0.1
90	448321	209963	2.4	2.4	2.4	2.4	<0.1	<0.1
91	448329	209956	2.4	2.4	2.5	2.5	<0.1	<0.1
92	448336	209950	2.4	2.5	2.5	2.5	<0.1	<0.1
93	448344	209943	2.4	2.5	2.5	2.5	<0.1	<0.1
94	448351	209937	2.4	2.5	2.5	2.5	<0.1	<0.1
95	448359	209930	2.5	2.5	2.5	2.5	<0.1	<0.1
96	448366	209923	2.5	2.5	2.5	2.5	<0.1	<0.1
97	448374	209917	2.5	2.5	2.5	2.5	<0.1	<0.1
98	448381	209910	2.5	2.5	2.5	2.5	<0.1	<0.1
99	448389	209904	2.5	2.5	2.5	2.5	<0.1	<0.1
100	448396	209897	2.5	2.5	2.5	2.5	<0.1	<0.1
101	448404	209890	2.5	2.6	2.6	2.6	<0.1	<0.1
102	448411	209884	2.5	2.6	2.6	2.6	<0.1	<0.1
103	448419	209877	2.6	2.6	2.6	2.6	<0.1	<0.1

Unique ID	X	Y	Base	Do-Nothing	Do-Minimum	Do-Something	DS-DN	DS-DM
106	448196	209874	2.4	2.4	2.4	2.4	<0.1	<0.1
107	448204	209867	2.4	2.4	2.4	2.4	<0.1	<0.1
108	448211	209861	2.4	2.4	2.4	2.4	<0.1	<0.1
109	448219	209854	2.4	2.4	2.4	2.4	<0.1	<0.1
110	448226	209847	2.4	2.4	2.4	2.4	<0.1	<0.1
111	448234	209841	2.4	2.4	2.4	2.4	<0.1	<0.1
112	448241	209834	2.4	2.4	2.4	2.5	<0.1	<0.1
113	448249	209828	2.4	2.5	2.5	2.5	<0.1	<0.1
114	448256	209821	2.4	2.5	2.5	2.5	<0.1	<0.1
115	448264	209814	2.4	2.5	2.5	2.5	<0.1	<0.1
116	448271	209808	2.4	2.5	2.5	2.5	<0.1	<0.1
117	448279	209801	2.5	2.5	2.5	2.5	<0.1	<0.1
118	448286	209794	2.5	2.5	2.5	2.5	<0.1	<0.1
119	448294	209788	2.5	2.5	2.5	2.5	<0.1	<0.1
120	448301	209781	2.5	2.5	2.5	2.5	<0.1	<0.1
121	448309	209775	2.5	2.5	2.5	2.5	<0.1	<0.1
122	448316	209768	2.5	2.6	2.6	2.6	<0.1	<0.1
123	448324	209761	2.5	2.6	2.6	2.6	<0.1	<0.1
124	448331	209755	2.6	2.6	2.6	2.6	<0.1	<0.1

BOLD indicates exceedance of critical level

Tables only include results for relevant air quality receptors

For NH₃ concentrations the critical level is 3 µg/m³ and the and changes greater than 0.03 µg/m³ corresponds to a change greater than 1%

Table E-4 - Total annual nitrogen deposition rates (kgN/ha/yr)

Unique ID	X	Y	Base	Do-Nothing	Do-Minimum	Do-Something	DS-DN	DS-DM
2	448322	209637	26.1	25.3	25.4	25.5	0.2	0.1
3	448330	209631	24.9	24.2	24.2	24.3	0.1	<0.1
4	448337	209624	24.0	23.4	23.4	23.5	0.1	<0.1
5	448345	209618	23.4	22.9	22.9	23.0	<0.1	<0.1
6	448352	209611	22.9	22.5	22.5	22.5	<0.1	<0.1
7	448360	209604	22.6	22.2	22.2	22.2	<0.1	<0.1
8	448367	209598	22.3	21.9	21.9	22.0	<0.1	<0.1
9	448375	209591	22.1	21.7	21.7	21.8	<0.1	<0.1
10	448382	209584	21.9	21.6	21.6	21.6	<0.1	<0.1
11	448390	209578	21.8	21.4	21.4	21.5	<0.1	<0.1
12	448397	209571	21.6	21.3	21.3	21.4	<0.1	<0.1
13	448405	209565	21.5	21.2	21.2	21.2	<0.1	<0.1
14	448412	209558	21.4	21.1	21.1	21.2	<0.1	<0.1
15	448420	209551	21.3	21.0	21.0	21.1	<0.1	<0.1
16	448427	209545	21.2	21.0	21.0	21.0	<0.1	<0.1
17	448435	209538	21.2	20.9	20.9	21.0	<0.1	<0.1
18	448442	209532	21.1	20.9	20.9	20.9	<0.1	<0.1
19	448450	209525	21.1	20.8	20.8	20.9	<0.1	<0.1
20	448457	209518	21.0	20.8	20.8	20.8	<0.1	<0.1
21	448465	209512	21.0	20.8	20.8	20.8	<0.1	<0.1
23	448402	209767	26.4	25.6	25.6	25.8	0.2	0.1
24	448410	209761	25.1	24.4	24.4	24.5	0.1	0.1
25	448417	209754	24.1	23.5	23.5	23.6	0.1	<0.1
26	448424	209748	23.5	23.0	23.0	23.1	<0.1	<0.1
27	448432	209741	23.0	22.5	22.6	22.6	<0.1	<0.1
28	448439	209734	22.7	22.2	22.2	22.3	<0.1	<0.1
29	448447	209728	22.4	22.0	22.0	22.0	<0.1	<0.1
30	448454	209721	22.2	21.8	21.8	21.8	<0.1	<0.1
31	448462	209714	22.0	21.6	21.6	21.7	<0.1	<0.1
32	448469	209708	21.8	21.4	21.5	21.5	<0.1	<0.1
33	448477	209701	21.7	21.3	21.3	21.4	<0.1	<0.1
34	448484	209695	21.5	21.2	21.2	21.3	<0.1	<0.1
35	448492	209688	21.5	21.2	21.2	21.2	<0.1	<0.1

Unique ID	X	Y	Base	Do-Nothing	Do-Minimum	Do-Something	DS-DN	DS-DM
36	448499	209681	21.4	21.1	21.1	21.1	<0.1	<0.1
37	448507	209675	21.3	21.0	21.0	21.1	<0.1	<0.1
38	448514	209668	21.3	21.0	21.0	21.0	<0.1	<0.1
39	448522	209662	21.2	20.9	20.9	21.0	<0.1	<0.1
40	448529	209655	21.1	20.9	20.9	20.9	<0.1	<0.1
41	448537	209648	21.1	20.8	20.8	20.9	<0.1	<0.1
42	448544	209642	21.0	20.8	20.8	20.8	<0.1	<0.1
44	448496	209886	26.1	25.3	25.4	25.5	0.2	0.1
45	448504	209880	24.9	24.2	24.2	24.3	0.1	<0.1
46	448511	209873	24.0	23.4	23.4	23.5	0.1	<0.1
47	448519	209867	23.4	22.9	22.9	23.0	<0.1	<0.1
48	448526	209860	22.9	22.4	22.5	22.5	<0.1	<0.1
49	448534	209853	22.6	22.2	22.2	22.2	<0.1	<0.1
50	448541	209847	22.3	21.9	21.9	22.0	<0.1	<0.1
51	448549	209840	22.1	21.7	21.8	21.8	<0.1	<0.1
52	448556	209833	21.9	21.6	21.6	21.6	<0.1	<0.1
53	448564	209827	21.8	21.5	21.5	21.5	<0.1	<0.1
54	448571	209820	21.7	21.4	21.4	21.4	<0.1	<0.1
55	448579	209814	21.6	21.3	21.3	21.3	<0.1	<0.1
56	448586	209807	21.5	21.2	21.2	21.2	<0.1	<0.1
57	448594	209800	21.4	21.1	21.1	21.2	<0.1	<0.1
58	448601	209794	21.3	21.0	21.1	21.1	<0.1	<0.1
59	448609	209787	21.3	21.0	21.0	21.0	<0.1	<0.1
60	448616	209781	21.2	20.9	20.9	21.0	<0.1	<0.1
61	448624	209774	21.1	20.9	20.9	20.9	<0.1	<0.1
62	448631	209767	21.1	20.8	20.8	20.9	<0.1	<0.1
63	448639	209761	21.0	20.8	20.8	20.8	<0.1	<0.1
64	448383	210111	20.6	20.4	20.4	20.4	<0.1	<0.1
65	448390	210104	20.6	20.4	20.5	20.5	<0.1	<0.1
66	448398	210097	20.6	20.5	20.5	20.5	<0.1	<0.1
67	448405	210091	20.7	20.5	20.5	20.6	<0.1	<0.1
68	448413	210084	20.7	20.6	20.6	20.6	<0.1	<0.1
69	448420	210078	20.8	20.6	20.6	20.6	<0.1	<0.1

Unique ID	X	Y	Base	Do-Nothing	Do-Minimum	Do-Something	DS-DN	DS-DM
70	448428	210071	20.9	20.7	20.7	20.7	<0.1	<0.1
71	448435	210064	20.9	20.7	20.7	20.8	<0.1	<0.1
72	448443	210058	21.0	20.8	20.8	20.8	<0.1	<0.1
73	448450	210051	21.1	20.8	20.9	20.9	<0.1	<0.1
74	448458	210044	21.2	20.9	20.9	21.0	<0.1	<0.1
75	448465	210038	21.3	21.0	21.0	21.0	<0.1	<0.1
76	448473	210031	21.4	21.1	21.1	21.1	<0.1	<0.1
77	448480	210025	21.6	21.2	21.3	21.3	<0.1	<0.1
78	448488	210018	21.7	21.4	21.4	21.4	<0.1	<0.1
79	448495	210011	22.0	21.6	21.6	21.7	<0.1	<0.1
80	448503	210005	22.3	21.9	21.9	21.9	<0.1	<0.1
81	448510	209998	22.7	22.2	22.3	22.3	<0.1	<0.1
82	448518	209992	23.4	22.8	22.8	22.9	<0.1	<0.1
83	448525	209985	24.4	23.7	23.7	23.8	0.1	<0.1
85	448284	209996	20.5	20.4	20.4	20.4	<0.1	<0.1
86	448291	209990	20.6	20.4	20.4	20.4	<0.1	<0.1
87	448299	209983	20.6	20.4	20.5	20.5	<0.1	<0.1
88	448306	209976	20.7	20.5	20.5	20.5	<0.1	<0.1
89	448314	209970	20.7	20.5	20.5	20.6	<0.1	<0.1
90	448321	209963	20.8	20.6	20.6	20.6	<0.1	<0.1
91	448329	209956	20.8	20.6	20.6	20.7	<0.1	<0.1
92	448336	209950	20.9	20.7	20.7	20.7	<0.1	<0.1
93	448344	209943	21.0	20.7	20.7	20.8	<0.1	<0.1
94	448351	209937	21.0	20.8	20.8	20.8	<0.1	<0.1
95	448359	209930	21.1	20.9	20.9	20.9	<0.1	<0.1
96	448366	209923	21.2	20.9	21.0	21.0	<0.1	<0.1
97	448374	209917	21.3	21.1	21.1	21.1	<0.1	<0.1
98	448381	209910	21.5	21.2	21.2	21.2	<0.1	<0.1
99	448389	209904	21.7	21.3	21.3	21.4	<0.1	<0.1
100	448396	209897	21.9	21.5	21.5	21.6	<0.1	<0.1
101	448404	209890	22.2	21.8	21.8	21.8	<0.1	<0.1
102	448411	209884	22.7	22.2	22.2	22.2	<0.1	<0.1
103	448419	209877	23.2	22.6	22.7	22.7	<0.1	<0.1

Unique ID	X	Y	Base	Do-Nothing	Do-Minimum	Do-Something	DS-DN	DS-DM
106	448196	209874	20.5	20.4	20.4	20.4	<0.1	<0.1
107	448204	209867	20.5	20.4	20.4	20.4	<0.1	<0.1
108	448211	209861	20.6	20.4	20.4	20.4	<0.1	<0.1
109	448219	209854	20.6	20.5	20.5	20.5	<0.1	<0.1
110	448226	209847	20.7	20.5	20.5	20.5	<0.1	<0.1
111	448234	209841	20.7	20.5	20.6	20.6	<0.1	<0.1
112	448241	209834	20.8	20.6	20.6	20.6	<0.1	<0.1
113	448249	209828	20.8	20.6	20.6	20.7	<0.1	<0.1
114	448256	209821	20.9	20.7	20.7	20.7	<0.1	<0.1
115	448264	209814	21.0	20.8	20.8	20.8	<0.1	<0.1
116	448271	209808	21.1	20.8	20.8	20.9	<0.1	<0.1
117	448279	209801	21.2	20.9	20.9	20.9	<0.1	<0.1
118	448286	209794	21.3	21.0	21.0	21.1	<0.1	<0.1
119	448294	209788	21.4	21.1	21.1	21.2	<0.1	<0.1
120	448301	209781	21.6	21.3	21.3	21.3	<0.1	<0.1
121	448309	209775	21.9	21.5	21.5	21.5	<0.1	<0.1
122	448316	209768	22.2	21.8	21.8	21.8	<0.1	<0.1
123	448324	209761	22.6	22.1	22.1	22.2	<0.1	<0.1
124	448331	209755	23.3	22.7	22.7	22.8	<0.1	<0.1

BOLD indicates exceedance of critical level

Tables only include results for relevant air quality receptors

For nitrogen deposition rates the critical level is 20 kgN/ha/yr and the and changes greater than 0.02 kgN/ha/yr corresponds to a change greater than 1%

Table E-5 - Total annual acid deposition rates (keq N/ha/yr)

Unique ID	X	Y	Base	Do-Nothing	Do-Minimum	Do-Something	DS-DN	DS-DM
2	448322	209637	1.87	1.81	1.81	1.82	0.01	<0.01
3	448330	209631	1.78	1.73	1.73	1.74	<0.01	<0.01
4	448337	209624	1.72	1.67	1.67	1.68	<0.01	<0.01
5	448345	209618	1.67	1.64	1.64	1.64	<0.01	<0.01
6	448352	209611	1.64	1.60	1.61	1.61	<0.01	<0.01
7	448360	209604	1.62	1.58	1.59	1.59	<0.01	<0.01
8	448367	209598	1.60	1.57	1.57	1.57	<0.01	<0.01
9	448375	209591	1.58	1.55	1.55	1.56	<0.01	<0.01
10	448382	209584	1.57	1.54	1.54	1.54	<0.01	<0.01
11	448390	209578	1.56	1.53	1.53	1.53	<0.01	<0.01
12	448397	209571	1.55	1.52	1.52	1.53	<0.01	<0.01
13	448405	209565	1.54	1.52	1.52	1.52	<0.01	<0.01
14	448412	209558	1.53	1.51	1.51	1.51	<0.01	<0.01
15	448420	209551	1.52	1.50	1.50	1.51	<0.01	<0.01
16	448427	209545	1.52	1.50	1.50	1.50	<0.01	<0.01
17	448435	209538	1.51	1.50	1.50	1.50	<0.01	<0.01
18	448442	209532	1.51	1.49	1.49	1.49	<0.01	<0.01
19	448450	209525	1.51	1.49	1.49	1.49	<0.01	<0.01
20	448457	209518	1.50	1.49	1.49	1.49	<0.01	<0.01
21	448465	209512	1.50	1.48	1.48	1.49	<0.01	<0.01
23	448402	209767	1.89	1.83	1.83	1.84	0.01	<0.01
24	448410	209761	1.79	1.74	1.74	1.75	<0.01	<0.01
25	448417	209754	1.73	1.68	1.68	1.69	<0.01	<0.01
26	448424	209748	1.68	1.64	1.64	1.65	<0.01	<0.01
27	448432	209741	1.65	1.61	1.61	1.62	<0.01	<0.01
28	448439	209734	1.62	1.59	1.59	1.59	<0.01	<0.01
29	448447	209728	1.60	1.57	1.57	1.57	<0.01	<0.01
30	448454	209721	1.58	1.56	1.56	1.56	<0.01	<0.01
31	448462	209714	1.57	1.54	1.54	1.55	<0.01	<0.01
32	448469	209708	1.56	1.53	1.53	1.54	<0.01	<0.01
33	448477	209701	1.55	1.52	1.53	1.53	<0.01	<0.01
34	448484	209695	1.54	1.52	1.52	1.52	<0.01	<0.01
35	448492	209688	1.53	1.51	1.51	1.52	<0.01	<0.01

Unique ID	X	Y	Base	Do-Nothing	Do-Minimum	Do-Something	DS-DN	DS-DM
36	448499	209681	1.53	1.51	1.51	1.51	<0.01	<0.01
37	448507	209675	1.52	1.50	1.50	1.50	<0.01	<0.01
38	448514	209668	1.52	1.50	1.50	1.50	<0.01	<0.01
39	448522	209662	1.51	1.50	1.50	1.50	<0.01	<0.01
40	448529	209655	1.51	1.49	1.49	1.49	<0.01	<0.01
41	448537	209648	1.51	1.49	1.49	1.49	<0.01	<0.01
42	448544	209642	1.50	1.49	1.49	1.49	<0.01	<0.01
44	448496	209886	1.87	1.81	1.81	1.82	0.01	<0.01
45	448504	209880	1.78	1.73	1.73	1.74	<0.01	<0.01
46	448511	209873	1.72	1.67	1.67	1.68	<0.01	<0.01
47	448519	209867	1.67	1.63	1.64	1.64	<0.01	<0.01
48	448526	209860	1.64	1.60	1.61	1.61	<0.01	<0.01
49	448534	209853	1.62	1.58	1.59	1.59	<0.01	<0.01
50	448541	209847	1.60	1.57	1.57	1.57	<0.01	<0.01
51	448549	209840	1.58	1.55	1.55	1.56	<0.01	<0.01
52	448556	209833	1.57	1.54	1.54	1.55	<0.01	<0.01
53	448564	209827	1.56	1.53	1.53	1.54	<0.01	<0.01
54	448571	209820	1.55	1.53	1.53	1.53	<0.01	<0.01
55	448579	209814	1.54	1.52	1.52	1.52	<0.01	<0.01
56	448586	209807	1.53	1.51	1.51	1.52	<0.01	<0.01
57	448594	209800	1.53	1.51	1.51	1.51	<0.01	<0.01
58	448601	209794	1.52	1.50	1.50	1.51	<0.01	<0.01
59	448609	209787	1.52	1.50	1.50	1.50	<0.01	<0.01
60	448616	209781	1.51	1.50	1.50	1.50	<0.01	<0.01
61	448624	209774	1.51	1.49	1.49	1.49	<0.01	<0.01
62	448631	209767	1.51	1.49	1.49	1.49	<0.01	<0.01
63	448639	209761	1.50	1.49	1.49	1.49	<0.01	<0.01
64	448383	210111	1.47	1.46	1.46	1.46	<0.01	<0.01
65	448390	210104	1.47	1.46	1.46	1.46	<0.01	<0.01
66	448398	210097	1.47	1.46	1.46	1.46	<0.01	<0.01
67	448405	210091	1.48	1.47	1.47	1.47	<0.01	<0.01
68	448413	210084	1.48	1.47	1.47	1.47	<0.01	<0.01
69	448420	210078	1.49	1.47	1.47	1.48	<0.01	<0.01

Unique ID	X	Y	Base	Do-Nothing	Do-Minimum	Do-Something	DS-DN	DS-DM
70	448428	210071	1.49	1.48	1.48	1.48	<0.01	<0.01
71	448435	210064	1.50	1.48	1.48	1.48	<0.01	<0.01
72	448443	210058	1.50	1.48	1.49	1.49	<0.01	<0.01
73	448450	210051	1.51	1.49	1.49	1.49	<0.01	<0.01
74	448458	210044	1.51	1.49	1.50	1.50	<0.01	<0.01
75	448465	210038	1.52	1.50	1.50	1.50	<0.01	<0.01
76	448473	210031	1.53	1.51	1.51	1.51	<0.01	<0.01
77	448480	210025	1.54	1.52	1.52	1.52	<0.01	<0.01
78	448488	210018	1.55	1.53	1.53	1.53	<0.01	<0.01
79	448495	210011	1.57	1.54	1.54	1.55	<0.01	<0.01
80	448503	210005	1.59	1.56	1.56	1.57	<0.01	<0.01
81	448510	209998	1.62	1.59	1.59	1.59	<0.01	<0.01
82	448518	209992	1.67	1.63	1.63	1.63	<0.01	<0.01
83	448525	209985	1.75	1.69	1.69	1.70	<0.01	<0.01
85	448284	209996	1.47	1.46	1.46	1.46	<0.01	<0.01
86	448291	209990	1.47	1.46	1.46	1.46	<0.01	<0.01
87	448299	209983	1.47	1.46	1.46	1.46	<0.01	<0.01
88	448306	209976	1.48	1.46	1.46	1.47	<0.01	<0.01
89	448314	209970	1.48	1.47	1.47	1.47	<0.01	<0.01
90	448321	209963	1.48	1.47	1.47	1.47	<0.01	<0.01
91	448329	209956	1.49	1.47	1.47	1.48	<0.01	<0.01
92	448336	209950	1.49	1.48	1.48	1.48	<0.01	<0.01
93	448344	209943	1.50	1.48	1.48	1.48	<0.01	<0.01
94	448351	209937	1.50	1.49	1.49	1.49	<0.01	<0.01
95	448359	209930	1.51	1.49	1.49	1.49	<0.01	<0.01
96	448366	209923	1.52	1.50	1.50	1.50	<0.01	<0.01
97	448374	209917	1.52	1.50	1.51	1.51	<0.01	<0.01
98	448381	209910	1.54	1.51	1.51	1.52	<0.01	<0.01
99	448389	209904	1.55	1.52	1.52	1.53	<0.01	<0.01
100	448396	209897	1.57	1.54	1.54	1.54	<0.01	<0.01
101	448404	209890	1.59	1.56	1.56	1.56	<0.01	<0.01
102	448411	209884	1.62	1.58	1.58	1.59	<0.01	<0.01
103	448419	209877	1.66	1.62	1.62	1.62	<0.01	<0.01

Unique ID	X	Y	Base	Do-Nothing	Do-Minimum	Do-Something	DS-DN	DS-DM
106	448196	209874	1.46	1.45	1.45	1.46	<0.01	<0.01
107	448204	209867	1.47	1.46	1.46	1.46	<0.01	<0.01
108	448211	209861	1.47	1.46	1.46	1.46	<0.01	<0.01
109	448219	209854	1.47	1.46	1.46	1.46	<0.01	<0.01
110	448226	209847	1.48	1.46	1.47	1.47	<0.01	<0.01
111	448234	209841	1.48	1.47	1.47	1.47	<0.01	<0.01
112	448241	209834	1.49	1.47	1.47	1.47	<0.01	<0.01
113	448249	209828	1.49	1.47	1.48	1.48	<0.01	<0.01
114	448256	209821	1.49	1.48	1.48	1.48	<0.01	<0.01
115	448264	209814	1.50	1.48	1.48	1.49	<0.01	<0.01
116	448271	209808	1.51	1.49	1.49	1.49	<0.01	<0.01
117	448279	209801	1.51	1.49	1.49	1.50	<0.01	<0.01
118	448286	209794	1.52	1.50	1.50	1.50	<0.01	<0.01
119	448294	209788	1.53	1.51	1.51	1.51	<0.01	<0.01
120	448301	209781	1.55	1.52	1.52	1.52	<0.01	<0.01
121	448309	209775	1.56	1.54	1.54	1.54	<0.01	<0.01
122	448316	209768	1.59	1.55	1.56	1.56	<0.01	<0.01
123	448324	209761	1.62	1.58	1.58	1.58	<0.01	<0.01
124	448331	209755	1.66	1.62	1.62	1.63	<0.01	<0.01

BOLD indicates exceedance of critical level

Tables only include results for relevant air quality receptors

For acid deposition rates the critical level is 2.058 keq N/ha/yr and the and changes greater than 0.02058 keq N/ha/yr corresponds to a change greater than 1%