

APPENDIX 5.3

Assessment Results

Table 5-17 sets out the predicted annual mean NO₂ concentrations at all selected receptors in the study area for the current baseline, without the scheme (DM) and with the scheme (DS) along with the change in concentration between DM and DS.

Table 5-17 Adjusted NO₂ Results and Changes at Sensitive Receptors

Receptor name	X(m)	Y(m)	Annual Mean NO ₂ Concentration (µg/m ³)			
			Base	DM	DS	Change (DS-DM)
R1	472573	323225	12.5	10.6	11.0	0.4
R2	475056	317615	18.3	15.5	16.0	0.5
R3	475622	318973	23.1	19.8	17.1	-2.7
R4	475794	319327	31.7	26.5	22.3	-4.2
R5	475029	319364	40.3	33.8	31.3	-2.5
R6	475054	319137	44.8	37.4	35.1	-2.3
R7	475164	319948	26.2	21.5	20.5	-1.0
R8	475761	319218	33.9	28.4	24.4	-4.0
R9	475041	322484	9.6	8.0	7.7	-0.3
R10	479588	322994	9.5	7.9	8.3	0.4
R11	474844	318961	25.4	21.2	20.8	-0.4
R12	474964	316989	12.4	10.2	10.2	<0.1
R13	478013	320996	9.2	7.6	7.8	0.2
R14	475668	319293	28.9	24.2	22.2	-2.0
R15	475434	319363	25.9	21.7	20.2	-1.5
R16	481011	318335	8.7	7.2	6.9	-0.3
R17	474798	319969	18.9	16.0	14.7	-1.3
R18	475439	317580	14.9	12.4	13.0	0.6
R19	479886	324083	8.6	7.2	7.3	0.1
R20	476142	317552	16.0	13.4	14.1	0.7
R21	474778	319916	21.7	18.3	16.5	-1.8
R22	475269	317584	15.5	12.8	13.6	0.8
R23	474166	320814	11.6	9.6	9.6	<0.1
R24	475347	318954	39.3	33.5	27.9	-5.6
R25	475319	318319	19.5	16.3	15.1	-1.2
R26	475314	318182	17.4	14.5	13.9	-0.6

Receptor name	X(m)	Y(m)	Annual Mean NO ₂ Concentration (µg/m ³)			
			Base	DM	DS	Change (DS-DM)
R27	475339	318174	21.1	18.3	16.5	-1.8
R28	475328	318231	18.7	15.6	14.4	-1.2
R29	475628	318263	25.0	21.0	18.7	-2.3
R30	475908	319155	29.3	25.4	23.1	-2.3
R31	475338	319366	33.1	28.0	26.1	-1.9
R32	475233	319397	37.6	31.8	29.0	-2.8
R33	474891	318901	20.2	17.1	16.6	-0.5
R34	474406	320686	13.9	11.6	11.0	-0.6
R35	475230	320619	18.3	15.0	14.4	-0.6
R36	474546	320465	15.4	13.0	11.9	-1.1
R37	475022	322575	10.2	8.5	8.1	-0.4
R38	473515	321892	13.0	10.9	11.4	0.5
R39	476649	320183	17.8	15.0	12.6	-2.4
R40	475141	318248	22.7	19.5	18.4	-1.1
R41	475222	320229	18.0	14.7	14.2	-0.5
R42	475184	320208	16.4	13.5	13.2	-0.3
R43	475195	320413	15.3	12.6	12.3	-0.3
R44	473145	322142	10.3	8.6	8.8	0.2
R45	475050	317592	19.1	16.2	16.9	0.7
R46	474449	320618	14.7	12.3	11.5	-0.8
R47	475124	318277	19.8	16.8	16.1	-0.7
R48	473891	321501	13.0	11.0	10.5	-0.5
R49	474207	321034	12.9	10.9	10.3	-0.6
R50	474717	320227	17.0	14.3	13.4	-0.9
R51	475838	319338	24.5	20.3	18.2	-2.1
R52	475764	319162	33.4	28.7	24.1	-4.6
R53	473406	322040	11.3	9.5	9.8	0.3
R54	475153	319759	24.1	19.8	19.0	-0.8
R55	475697	319212	27.0	22.6	20.5	-2.1
R56	474911	319961	15.8	13.2	12.5	-0.7
R57	473446	322016	11.0	9.2	9.6	0.4
R58	474553	320855	11.8	9.7	9.7	<0.1

Receptor name	X(m)	Y(m)	Annual Mean NO ₂ Concentration (µg/m ³)			
			Base	DM	DS	Change (DS-DM)
R59	475043	318582	19.0	16.1	15.5	-0.6
R60	476211	319711	22.6	18.9	15.7	-3.2
R61	475553	318414	21.1	17.7	15.9	-1.8
R62	475176	319375	36.3	30.6	28.2	-2.4
R63	480786	318231	8.1	6.8	6.7	-0.1
R64	480916	318300	8.3	6.8	6.7	-0.1
R65	475236	320562	17.3	14.2	13.6	-0.6
R66	475167	320116	16.2	13.3	12.8	-0.5
R67	481036	318274	8.2	6.7	6.6	-0.1
R68	481260	318811	8.3	6.9	6.7	-0.2
R69	475209	321161	10.7	8.8	9.6	0.8
R70	474855	319301	16.2	13.5	13.1	-0.4
R71	474367	320763	14.5	12.2	11.7	-0.5
R72	475470	318995	23.9	20.5	17.7	-2.8
R73	475118	319694	23.0	19.0	18.2	-0.8
R74	475134	319089	49.0	41.0	38.0	-3.0
R75	473949	321179	9.5	7.8	7.9	0.1
R76	474210	321025	13.4	11.4	10.8	-0.6
R77	474201	321055	13.1	11.1	10.2	-0.9
R78	476977	320110	18.3	15.4	12.8	-2.6
R79	476735	316978	14.3	12.0	12.4	0.4
R80	474185	316956	9.5	7.8	7.8	<0.1
R81	475639	318319	24.5	20.6	18.4	-2.2
R82	475462	319135	33.9	28.5	26.0	-2.5
R83	475737	319011	28.6	24.7	20.8	-3.9
R84	475152	320448	13.3	10.9	10.8	-0.1
R85	476565	320425	14.0	11.6	10.8	-0.8
R86	474886	319982	16.4	13.8	13.0	-0.8
R87	474998	317755	14.2	12.0	11.8	-0.2
R88	474666	320210	19.1	16.2	14.7	-1.5
R89	474640	320248	16.8	14.1	13.1	-1.0
R90	475138	319944	21.9	18.1	17.4	-0.7

Receptor name	X(m)	Y(m)	Annual Mean NO ₂ Concentration (µg/m ³)			
			Base	DM	DS	Change (DS-DM)
R91	476353	319979	16.9	14.1	12.6	-1.5
R92	475348	318352	17.3	14.4	13.7	-0.7
R93	475291	319093	47.8	40.4	35.1	-5.3
R94	475326	319004	39.1	33.3	28.8	-4.5
R95	475838	319162	31.4	27.0	24.2	-2.8
R96	478075	321408	15.4	13.0	15.0	2.0
R97	475661	318195	23.6	20.0	17.4	-2.6
R98	475298	319373	32.3	27.2	25.0	-2.2
R99	475821	319150	29.6	25.3	22.8	-2.5
R100	472659	323073	12.1	10.2	10.6	0.4
R101	475540	318548	22.9	19.3	17.0	-2.3
R102	475371	318469	18.9	16.0	15.0	-1.0
R103	475271	318293	18.8	15.8	14.6	-1.2
R104	474248	321100	12.1	10.2	13.4	3.2
R105	476798	316807	12.9	10.7	11.2	0.5
R106	475451	317551	14.2	11.8	12.3	0.5
R107	478725	322030	9.9	8.2	8.8	0.6
R108	478908	322175	10.8	9.1	9.8	0.7
R109	480763	317015	8.0	6.6	6.5	-0.1
R110	476152	319656	21.9	18.2	15.3	-2.9
R111	478220	315249	8.9	7.3	7.4	0.1
R112	475880	319435	29.8	24.8	21.2	-3.6
R113	475572	319294	26.5	22.2	20.5	-1.7
R114	475897	319449	27.8	23.2	20.4	-2.8
R115	479136	322423	9.5	7.9	8.3	0.4
R116	474716	319797	16.4	13.7	13.3	-0.4
R117	474709	319876	14.9	12.5	11.9	-0.6
R118	475162	319928	26.2	21.6	20.5	-1.1
R119	475946	319611	17.5	14.5	14.1	-0.4
R120	475027	319198	44.2	37.0	34.6	-2.4
R121	476811	316838	20.2	16.9	18.2	1.3
R122	475306	317590	15.2	12.6	13.3	0.7

Receptor name	X(m)	Y(m)	Annual Mean NO ₂ Concentration (µg/m ³)			
			Base	DM	DS	Change (DS-DM)
R123	475881	317622	14.6	12.1	12.7	0.6
R124	475909	317742	17.9	14.9	15.3	0.4
R125	476287	319831	17.0	14.1	12.6	-1.5
R126	475720	318074	26.3	22.3	19.0	-3.3
R127	475742	319104	25.5	21.7	18.9	-2.8
R128	474625	320260	15.7	13.2	12.4	-0.8
R129	475973	319487	28.8	24.0	20.3	-3.7
R130	477487	319567	10.1	8.3	8.8	0.5
R131	476696	317049	14.0	11.7	12.2	0.5
R132	475252	319094	37.5	31.6	28.8	-2.8
R133	475139	319970	21.3	17.7	16.9	-0.8
R134	475243	320661	16.9	13.9	13.7	-0.2
R135	475197	320574	15.3	12.6	12.1	-0.5
R136	475427	318648	25.4	21.4	18.9	-2.5
R137	475655	318292	23.8	20.0	18.0	-2.0
R138	475349	318161	19.6	16.5	15.4	-1.1
R139	475382	319140	35.0	29.3	26.6	-2.7
R140	474971	319425	36.4	30.9	26.8	-4.1
R141	474971	319425	36.4	30.9	26.8	-4.1
R142	474917	319528	28.0	23.6	20.7	-2.9
R143	474954	319394	31.4	26.8	24.4	-2.4
R144	476837	316805	19.4	16.3	17.5	1.2
R145	475481	317563	14.7	12.2	12.8	0.6
R146	475920	317796	24.2	20.5	18.4	-2.1
R147	475703	317998	17.1	14.4	13.0	-1.4
R148	475930	319442	28.7	23.9	20.4	-3.5
R149	472614	323008	11.8	9.8	10.3	0.5
R150	472609	323143	20.1	17.2	18.6	1.4
R151	475581	318429	25.0	21.1	18.3	-2.8
R152	475500	318639	23.4	19.8	17.5	-2.3
R153	476026	317678	23.5	19.8	19.2	-0.6
R154	474790	320037	15.0	12.5	11.8	-0.7

Receptor name	X(m)	Y(m)	Annual Mean NO ₂ Concentration (µg/m ³)			
			Base	DM	DS	Change (DS-DM)
R155	475149	319738	25.7	21.2	20.3	-0.9
R156	475895	319423	28.8	24.0	20.5	-3.5
R157	475347	319121	39.3	33.0	29.1	-3.9
R158	475229	320402	17.6	14.5	14.1	-0.4
R159	474694	320019	15.8	13.3	12.7	-0.6
R160	476490	320238	15.6	12.9	11.7	-1.2
R161	476266	317420	16.9	14.1	15.3	1.2
R162	475602	317542	14.3	11.9	12.7	0.8
R163	475329	318336	19.5	16.3	15.3	-1.0
R164	475366	318093	16.0	13.3	12.9	-0.4
R165	477356	319326	11.7	9.5	10.2	0.7
R166	474971	319425	36.4	30.9	26.8	-4.1
R167	474479	320558	14.7	12.3	11.5	-0.8
R168	474240	320999	16.3	13.9	12.5	-1.4
R169	475123	318399	20.5	17.5	16.7	-0.8
R170	475109	319098	52.4	43.9	40.6	-3.3
R171	475270	319089	38.3	32.1	29.1	-3.0
R172	475257	319104	40.9	34.4	31.3	-3.1
R173	475750	319029	27.3	23.4	19.7	-3.7
R174	475219	320148	15.6	12.8	12.4	-0.4
R175	475193	320645	14.2	11.7	11.6	-0.1
R176	475230	320424	17.8	14.5	14.2	-0.3
R177	473904	321574	13.4	11.2	11.7	0.5
R178	475112	321542	10.0	8.2	9.3	1.1
R179	472562	323368	11.0	9.2	9.5	0.3
R180	472235	323742	9.3	7.6	7.7	0.1
R181	472608	323108	14.7	12.4	13.3	0.9
R182	481235	319329	9.1	7.5	7.5	<0.1
R183	480966	318273	9.5	8.0	7.3	-0.7
R184	480951	318218	9.0	7.5	7.1	-0.4
R185	481214	318734	8.5	7.0	6.8	-0.2
R186	476556	317184	16.2	13.5	14.5	1.0

Receptor name	X(m)	Y(m)	Annual Mean NO ₂ Concentration (µg/m ³)			
			Base	DM	DS	Change (DS-DM)
R187	477174	320292	13.1	11.0	10.1	-0.9
R188	480089	324753	11.0	9.3	9.7	0.4
R189	480312	325169	10.5	8.8	8.9	0.1
R190	480127	325133	12.4	10.6	9.9	-0.7
R191	480186	325171	10.3	8.7	8.7	<0.1
R192	480182	325110	13.3	11.3	10.8	-0.5
R193	480201	325123	13.8	11.9	11.4	-0.5
R194	480052	325181	11.0	9.3	8.8	-0.5
R195	480198	324981	15.1	12.7	13.7	1.0
R196	480237	325104	19.9	17.1	17.8	0.7
R197	480053	324804	14.3	12.1	13.0	0.9
R198	480301	325062	15.6	13.8	13.7	-0.1
R199	480204	325072	15.6	13.3	14.0	0.7
R200	480208	325025	18.5	15.8	17.1	1.3
R201	480274	325195	14.1	11.8	12.4	0.6
R202	480236	325161	14.3	12.0	12.5	0.5
R203	480129	324935	13.4	11.2	12.0	0.8
R204	480028	324430	10.6	8.8	9.2	0.4
R205	479636	325472	8.6	7.2	7.1	-0.1
R206	479844	325309	9.3	7.8	7.5	-0.3
R207	480070	324866	11.4	9.5	10.0	0.5

Table 5-18 sets out the predicted annual mean PM₁₀ concentrations at all selected receptors in the study area for the current baseline, without the scheme (DM) and with the scheme (DS) along with the change in concentration between DM and DS.

Table 5-18. Adjusted PM₁₀ Results and Changes at Sensitive Receptors

Receptor name	X(m)	Y(m)	Annual Mean PM ₁₀ Concentrations (µg/m ³)			
			Base	DM	DS	Change (DS-DM)
R1	472573	323225	15.3	14.7	14.8	0.1
R2	475056	317615	16.3	15.7	15.8	0.1
R3	475622	318973	16.2	15.6	15.1	-0.5
R4	475794	319327	19.0	18.3	17.6	-0.7

Receptor name	X(m)	Y(m)	Annual Mean PM ₁₀ Concentrations (µg/m ³)			
			Base	DM	DS	Change (DS-DM)
R5	475029	319364	19.9	19.1	18.7	-0.4
R6	475054	319137	20.5	19.5	19.1	-0.4
R7	475164	319948	18.6	17.8	17.6	-0.2
R8	475761	319218	19.1	18.4	17.7	-0.6
R9	475041	322484	13.6	13.0	13.0	<0.1
R10	479588	322994	14.6	14.1	14.1	0.1
R11	474844	318961	16.4	15.7	15.6	-0.1
R12	474964	316989	14.1	13.6	13.6	<0.1
R13	478013	320996	15.4	14.8	14.9	<0.1
R14	475668	319293	18.5	17.8	17.5	-0.3
R15	475434	319363	18.3	17.6	17.4	-0.3
R16	481011	318335	13.5	13.0	12.9	-0.1
R17	474798	319969	16.6	16.0	15.8	-0.2
R18	475439	317580	15.9	15.4	15.5	0.1
R19	479886	324083	12.7	12.2	12.2	<0.1
R20	476142	317552	16.3	15.7	15.6	-0.1
R21	474778	319916	16.9	16.3	16.0	-0.3
R22	475269	317584	16.0	15.4	15.6	0.1
R23	474166	320814	14.6	14.0	14.0	<0.1
R24	475347	318954	18.5	17.8	16.8	-1.0
R25	475319	318319	15.7	15.1	14.9	-0.2
R26	475314	318182	15.4	14.8	14.6	-0.1
R27	475339	318174	16.0	15.3	15.0	-0.3
R28	475328	318231	15.6	15.0	14.8	-0.2
R29	475628	318263	16.3	15.7	15.3	-0.4
R30	475908	319155	18.4	17.7	17.4	-0.3
R31	475338	319366	19.3	18.6	18.3	-0.3
R32	475233	319397	19.9	19.1	18.6	-0.5
R33	474891	318901	15.6	15.0	15.0	-0.1
R34	474406	320686	15.0	14.4	14.3	-0.2
R35	475230	320619	15.1	14.4	14.3	-0.1
R36	474546	320465	15.2	14.7	14.4	-0.2

Receptor name	X(m)	Y(m)	Annual Mean PM ₁₀ Concentrations (µg/m ³)			
			Base	DM	DS	Change (DS-DM)
R37	475022	322575	13.7	13.1	13.1	-0.1
R38	473515	321892	14.3	13.8	13.9	0.1
R39	476649	320183	15.4	14.8	14.5	-0.4
R40	475141	318248	16.1	15.5	15.3	-0.2
R41	475222	320229	15.1	14.4	14.3	-0.1
R42	475184	320208	14.8	14.2	14.1	-0.1
R43	475195	320413	14.7	14.1	14.0	-0.1
R44	473145	322142	14.4	13.9	13.9	<0.1
R45	475050	317592	16.5	15.9	16.0	0.1
R46	474449	320618	15.1	14.6	14.4	-0.2
R47	475124	318277	15.7	15.1	15.0	-0.1
R48	473891	321501	14.4	13.8	13.7	-0.1
R49	474207	321034	14.1	13.6	13.4	-0.2
R50	474717	320227	15.3	14.7	14.6	-0.1
R51	475838	319338	18.1	17.4	17.0	-0.4
R52	475764	319162	19.0	18.3	17.7	-0.6
R53	473406	322040	14.5	14.0	14.1	0.1
R54	475153	319759	18.2	17.5	17.4	-0.2
R55	475697	319212	18.3	17.6	17.3	-0.3
R56	474911	319961	16.2	15.6	15.5	-0.1
R57	473446	322016	14.5	14.0	14.0	0.1
R58	474553	320855	14.6	14.1	14.0	<0.1
R59	475043	318582	15.5	15.0	14.9	-0.1
R60	476211	319711	15.5	14.8	14.2	-0.5
R61	475553	318414	15.8	15.1	14.8	-0.3
R62	475176	319375	19.6	18.8	18.4	-0.4
R63	480786	318231	14.0	13.4	13.4	<0.1
R64	480916	318300	14.0	13.5	13.4	<0.1
R65	475236	320562	15.0	14.3	14.2	-0.1
R66	475167	320116	14.8	14.2	14.1	-0.1
R67	481036	318274	13.5	12.9	12.9	<0.1
R68	481260	318811	13.5	12.9	12.9	<0.1

Receptor name	X(m)	Y(m)	Annual Mean PM ₁₀ Concentrations (µg/m ³)			
			Base	DM	DS	Change (DS-DM)
R69	475209	321161	13.7	13.2	13.3	0.1
R70	474855	319301	16.1	15.5	15.4	-0.1
R71	474367	320763	15.1	14.5	14.3	-0.2
R72	475470	318995	16.3	15.7	15.2	-0.5
R73	475118	319694	18.0	17.3	17.2	-0.1
R74	475134	319089	20.5	19.6	19.1	-0.5
R75	473949	321179	13.9	13.4	13.4	<0.1
R76	474210	321025	14.2	13.7	13.5	-0.2
R77	474201	321055	14.2	13.7	13.4	-0.3
R78	476977	320110	15.5	14.9	14.5	-0.4
R79	476735	316978	14.0	13.4	13.5	0.1
R80	474185	316956	13.8	13.3	13.3	<0.1
R81	475639	318319	16.3	15.6	15.2	-0.4
R82	475462	319135	19.3	18.5	18.1	-0.4
R83	475737	319011	18.7	18.2	17.5	-0.6
R84	475152	320448	14.4	13.8	13.8	<0.1
R85	476565	320425	15.0	14.4	14.2	-0.1
R86	474886	319982	16.3	15.7	15.5	-0.2
R87	474998	317755	15.7	15.2	15.1	<0.1
R88	474666	320210	15.5	15.0	14.7	-0.3
R89	474640	320248	15.2	14.7	14.5	-0.2
R90	475138	319944	17.9	17.2	17.1	-0.1
R91	476353	319979	14.8	14.2	13.9	-0.3
R92	475348	318352	15.4	14.8	14.6	-0.1
R93	475291	319093	21.6	20.7	19.7	-1.0
R94	475326	319004	20.3	19.5	18.7	-0.8
R95	475838	319162	18.6	17.9	17.5	-0.4
R96	478075	321408	14.9	14.3	14.6	0.3
R97	475661	318195	16.1	15.5	15.0	-0.4
R98	475298	319373	19.2	18.4	18.1	-0.4
R99	475821	319150	18.4	17.7	17.4	-0.3
R100	472659	323073	15.3	14.8	14.9	0.1

Receptor name	X(m)	Y(m)	Annual Mean PM ₁₀ Concentrations (µg/m ³)			
			Base	DM	DS	Change (DS-DM)
R101	475540	318548	16.0	15.4	15.0	-0.4
R102	475371	318469	15.6	15.0	14.8	-0.2
R103	475271	318293	15.6	15.0	14.8	-0.2
R104	474248	321100	14.0	13.5	13.9	0.4
R105	476798	316807	13.7	13.1	13.2	0.1
R106	475451	317551	15.8	15.3	15.4	0.1
R107	478725	322030	14.9	14.4	14.4	0.1
R108	478908	322175	15.0	14.5	14.6	0.1
R109	480763	317015	15.2	14.7	14.7	<0.1
R110	476152	319656	15.4	14.7	14.2	-0.5
R111	478220	315249	14.3	13.8	13.8	<0.1
R112	475880	319435	18.9	18.2	17.5	-0.7
R113	475572	319294	18.4	17.7	17.4	-0.3
R114	475897	319449	18.6	17.9	17.4	-0.5
R115	479136	322423	14.6	14.1	14.1	0.1
R116	474716	319797	16.2	15.6	15.5	-0.1
R117	474709	319876	16.0	15.4	15.3	-0.1
R118	475162	319928	18.6	17.9	17.6	-0.2
R119	475946	319611	17.2	16.6	16.5	-0.1
R120	475027	319198	20.3	19.4	19.0	-0.4
R121	476811	316838	14.6	14.0	14.2	0.2
R122	475306	317590	16.0	15.4	15.5	0.1
R123	475881	317622	15.9	15.3	15.4	0.1
R124	475909	317742	16.3	15.7	15.7	<0.1
R125	476287	319831	14.8	14.2	13.9	-0.3
R126	475720	318074	16.5	15.8	15.3	-0.6
R127	475742	319104	18.1	17.5	17.1	-0.4
R128	474625	320260	15.1	14.5	14.4	-0.1
R129	475973	319487	18.8	18.1	17.4	-0.7
R130	477487	319567	14.2	13.6	13.7	0.1
R131	476696	317049	16.0	15.4	15.4	0.1
R132	475252	319094	19.9	19.1	18.6	-0.5

Receptor name	X(m)	Y(m)	Annual Mean PM ₁₀ Concentrations (µg/m ³)			
			Base	DM	DS	Change (DS-DM)
R133	475139	319970	17.8	17.1	17.0	-0.1
R134	475243	320661	14.9	14.2	14.2	<0.1
R135	475197	320574	14.7	14.1	14.0	-0.1
R136	475427	318648	16.4	15.7	15.3	-0.4
R137	475655	318292	16.2	15.5	15.2	-0.3
R138	475349	318161	15.7	15.1	14.9	-0.2
R139	475382	319140	19.5	18.7	18.2	-0.5
R140	474971	319425	18.6	17.8	17.2	-0.6
R141	474971	319425	18.6	17.8	17.2	-0.6
R142	474917	319528	17.5	16.8	16.4	-0.4
R143	474954	319394	17.8	17.0	16.7	-0.3
R144	476837	316805	14.5	13.9	14.1	0.2
R145	475481	317563	15.9	15.3	15.4	0.1
R146	475920	317796	17.1	16.4	16.1	-0.4
R147	475703	317998	16.2	15.6	15.3	-0.2
R148	475930	319442	18.8	18.0	17.4	-0.7
R149	472614	323008	15.2	14.7	14.7	0.1
R150	472609	323143	16.3	15.7	16.0	0.3
R151	475581	318429	16.3	15.6	15.2	-0.5
R152	475500	318639	16.1	15.4	15.0	-0.4
R153	476026	317678	17.2	16.5	16.3	-0.2
R154	474790	320037	15.0	14.5	14.3	-0.1
R155	475149	319738	18.5	17.7	17.6	-0.2
R156	475895	319423	18.8	18.1	17.4	-0.6
R157	475347	319121	19.8	19.0	18.5	-0.5
R158	475229	320402	15.0	14.4	14.3	-0.1
R159	474694	320019	15.1	14.6	14.5	-0.1
R160	476490	320238	15.2	14.6	14.4	-0.2
R161	476266	317420	16.5	15.8	15.5	-0.4
R162	475602	317542	15.9	15.3	15.4	0.2
R163	475329	318336	15.7	15.1	14.9	-0.2
R164	475366	318093	15.1	14.5	14.5	-0.1

Receptor name	X(m)	Y(m)	Annual Mean PM ₁₀ Concentrations (µg/m ³)			
			Base	DM	DS	Change (DS-DM)
R165	477356	319326	14.4	13.8	13.9	0.1
R166	474971	319425	18.6	17.8	17.2	-0.6
R167	474479	320558	15.1	14.6	14.3	-0.2
R168	474240	320999	15.3	14.8	14.3	-0.4
R169	475123	318399	15.8	15.2	15.0	-0.1
R170	475109	319098	20.8	19.8	19.3	-0.5
R171	475270	319089	20.0	19.2	18.7	-0.5
R172	475257	319104	20.4	19.6	19.0	-0.6
R173	475750	319029	18.4	17.8	17.3	-0.5
R174	475219	320148	14.7	14.1	14.0	-0.1
R175	475193	320645	14.5	13.9	13.9	<0.1
R176	475230	320424	15.0	14.4	14.3	-0.1
R177	473904	321574	14.4	13.8	13.9	0.1
R178	475112	321542	13.6	13.1	13.3	0.2
R179	472562	323368	15.1	14.6	14.6	<0.1
R180	472235	323742	14.9	14.3	14.3	<0.1
R181	472608	323108	15.7	15.2	15.4	0.2
R182	481235	319329	14.6	14.0	14.0	<0.1
R183	480966	318273	14.1	13.6	13.5	-0.1
R184	480951	318218	14.1	13.5	13.5	-0.1
R185	481214	318734	13.5	13.0	12.9	<0.1
R186	476556	317184	16.3	15.7	15.6	-0.2
R187	477174	320292	15.3	14.8	14.7	-0.1
R188	480089	324753	14.0	13.4	13.5	0.1
R189	480312	325169	15.0	14.5	14.5	<0.1
R190	480127	325133	15.2	14.7	14.6	-0.1
R191	480186	325171	15.0	14.5	14.5	<0.1
R192	480182	325110	15.3	14.8	14.7	-0.1
R193	480201	325123	15.4	14.8	14.8	<0.1
R194	480052	325181	15.1	14.6	14.5	-0.1
R195	480198	324981	14.3	13.8	13.9	0.1
R196	480237	325104	15.9	15.3	15.4	0.1

Receptor name	X(m)	Y(m)	Annual Mean PM ₁₀ Concentrations (µg/m ³)			
			Base	DM	DS	Change (DS-DM)
R197	480053	324804	14.3	13.7	13.8	0.1
R198	480301	325062	15.6	15.1	15.0	<0.1
R199	480204	325072	15.5	14.9	15.0	0.1
R200	480208	325025	15.8	15.2	15.4	0.2
R201	480274	325195	15.4	14.8	14.8	0.1
R202	480236	325161	15.4	14.8	14.9	0.1
R203	480129	324935	14.2	13.6	13.7	0.1
R204	480028	324430	13.9	13.4	13.5	0.1
R205	479636	325472	12.4	11.9	11.9	<0.1
R206	479844	325309	12.5	12.0	12.0	<0.1
R207	480070	324866	14.0	13.4	13.5	0.1

Table 5-19 sets out the predicted annual mean NO_x concentrations and nitrogen deposition rates for the DM and DS scenarios, and the change between them, at the modelled Ecological site locations.