



Appendix A21.3
Air Quality Cumulative
Modelling Results

Contents

Appendix A21.3: Air Quality Cumulative Modelling Results.....	1
1. Construction Traffic Assessment.....	1
1.1 'Do Minimum' Scenario.....	1
1.2 'Do Something' Scenario	16
1.3 Comparison of Do Something with Do Minimum	31
2. Operational Traffic Assessment	47
2.1 'Do Minimum' Scenario.....	47
2.2 'Do Something' Scenario	62
2.3 Comparison of Do Something with Do Minimum	77

Appendix A21.3: Air Quality Cumulative Modelling Results

This appendix provides all results produced by the detailed modelling of the local air quality traffic impacts associated with the cumulative construction and operational phases of the Proposed Scheme.

1. Construction Traffic Assessment

1.1 'Do Minimum' Scenario

Predicted annual mean concentrations of NO₂, PM₁₀, PM_{2.5} and the number of exceedances of the 24-hour PM₁₀ limit value objective, at all modelled existing air quality sensitive receptors in the cumulative 2024 DM scenario are listed in Table 1.1. Locations of these receptors are shown in Figures 7.6-7.9 in Volume 3 of this EIAR.

Table 1.1: Predicted 2024 Do Minimum Cumulative Construction Pollutant Statistics At All Modelled Receptor Locations

DM (2024)					
Receptor	Receptor Location (ITM)	Annual Mean Conc. (µg/m ³)			No of PM ₁₀ days > 50 µg/m ³³
		NO ₂	PM ₁₀	PM _{2.5}	
AQ1	721010,729635	26.5	15.0	10.6	<1
AQ2	720977,729665	26.0	15.0	10.6	<1
AQ3	721306,729354	28.6	15.1	10.7	<1
AQ4	720886,729720	22.9	14.5	10.3	<1
AQ5	720812,729814	32.5	16.0	11.2	1
AQ6	720857,729742	23.0	14.5	10.3	<1
AQ7	720852,729786	29.4	15.5	10.9	1
AQ8	720751,729872	27.4	15.1	10.7	<1
AQ9	720793,729833	32.1	15.9	11.2	1
AQ10	720785,729839	34.7	16.2	11.4	1
AQ11	720743,729877	32.3	15.9	11.2	1
AQ12	720642,729995	29.9	15.6	11.0	1
AQ13	720696,729932	30.4	15.7	11.0	1
AQ14	720689,729941	30.1	15.7	11.0	1
AQ15	720744,729834	23.9	14.6	10.4	<1
AQ16	722051,728727	26.1	15.0	10.6	<1
AQ17	718604,731788	22.3	14.4	10.2	<1
AQ18	718542,731849	22.4	14.4	10.2	<1
AQ19	718578,731811	22.2	14.4	10.2	<1
AQ20	718629,731758	22.2	14.4	10.2	<1
AQ21	718655,731727	22.4	14.4	10.2	<1
AQ22	718408,732046	25.0	14.7	10.5	<1
AQ23	718378,732003	22.8	14.4	10.3	<1
AQ24	718370,732074	26.3	14.9	10.6	<1
AQ25	719766,730745	23.3	14.5	10.3	<1
AQ26	718458,730750	40.8	17.6	12.2	1

DM (2024)					
Receptor	Receptor Location (ITM)	Annual Mean Conc. ($\mu\text{g}/\text{m}^3$)			No of PM ₁₀ days > 50 $\mu\text{g}/\text{m}^3$
		NO ₂	PM ₁₀	PM _{2.5}	
AQ27	718621,730961	24.5	14.7	10.5	<1
AQ28	718530,730821	25.2	14.9	10.5	<1
AQ29	718644,730983	24.9	14.8	10.5	<1
AQ30	717896,732423	42.8	17.1	11.9	1
AQ31	717756,732518	46.4	17.5	12.2	1
AQ32	717741,732531	51.3	18.4	12.8	2
AQ33	717762,732471	36.7	16.2	11.4	1
AQ34	717871,732437	44.7	17.4	12.1	1
AQ35	717786,732489	60.8	19.8	13.7	3
AQ36	717691,732499	24.2	14.6	10.4	<1
AQ37	717630,732693	24.7	14.8	10.5	<1
AQ38	717680,732621	25.5	14.9	10.5	<1
AQ39	718337,732111	27.4	15.0	10.6	<1
AQ40	718322,732134	25.6	14.8	10.5	<1
AQ41	718227,732280	25.2	14.8	10.5	<1
AQ42	718274,732236	24.8	14.7	10.5	<1
AQ43	718133,732325	29.0	15.3	10.8	<1
AQ44	718681,731694	22.7	14.4	10.2	<1
AQ45	721577,729182	24.0	14.6	10.4	<1
AQ46	721681,729155	23.4	14.5	10.3	<1
AQ47	721636,729169	23.8	14.6	10.4	<1
AQ48	716603,733291	45.8	16.9	11.8	1
AQ49	721574,729220	31.0	15.7	11.0	1
AQ50	721529,729195	24.1	14.6	10.4	<1
AQ51	716629,733338	26.9	14.9	10.5	<1
AQ52	716616,733315	27.4	14.9	10.6	<1
AQ53	716642,733360	26.4	14.9	10.5	<1
AQ54	716626,733276	38.8	16.3	11.4	1
AQ55	721701,729145	23.2	14.5	10.3	<1
AQ56	721480,729222	24.1	14.6	10.4	<1
AQ57	721492,729217	24.4	14.7	10.4	<1
AQ58	721546,729226	28.1	15.2	10.8	<1
AQ59	721389,729300	30.7	15.5	11.0	1
AQ60	721276,729364	23.8	14.5	10.3	<1
AQ61	721364,729304	26.5	15.0	10.6	<1
AQ62	722017,728804	30.3	15.6	11.0	1
AQ63	722083,728735	25.4	14.9	10.5	<1
AQ64	721962,728989	29.0	15.3	10.8	<1

DM (2024)					
Receptor	Receptor Location (ITM)	Annual Mean Conc. ($\mu\text{g}/\text{m}^3$)			No of PM ₁₀ days > 50 $\mu\text{g}/\text{m}^3$ ³³
		NO ₂	PM ₁₀	PM _{2.5}	
AQ65	722046,729034	22.0	14.3	10.2	<1
AQ66	721963,728897	24.3	14.6	10.4	<1
AQ67	722001,728914	29.9	15.4	10.9	<1
AQ68	721927,728955	23.5	14.5	10.3	<1
AQ69	721994,728823	25.8	14.8	10.5	<1
AQ70	722014,728882	28.8	15.2	10.8	<1
AQ71	721807,729134	27.8	15.2	10.7	<1
AQ72	721909,729003	26.9	15.0	10.6	<1
AQ73	721913,729051	28.5	15.2	10.8	<1
AQ74	719986,730399	23.3	14.5	10.3	<1
AQ75	719962,730429	24.1	14.6	10.4	<1
AQ76	719903,730487	24.2	14.6	10.4	<1
AQ77	719918,730468	23.7	14.6	10.4	<1
AQ78	719880,730535	27.2	15.0	10.7	<1
AQ79	719852,730592	27.1	15.1	10.7	<1
AQ80	718761,731677	25.7	14.8	10.5	<1
AQ81	718744,731616	22.6	14.4	10.3	<1
AQ82	718894,731536	26.4	14.9	10.6	<1
AQ83	718803,731549	23.0	14.5	10.3	<1
AQ84	718817,731610	26.0	14.9	10.5	<1
AQ85	718936,731258	23.6	14.5	10.3	<1
AQ86	719126,731328	27.4	15.0	10.6	<1
AQ87	719054,731389	26.9	15.0	10.6	<1
AQ88	718879,731208	23.9	14.6	10.4	<1
AQ89	718827,731160	23.8	14.6	10.4	<1
AQ90	719470,731145	27.0	15.0	10.6	<1
AQ91	719567,731080	28.6	15.3	10.8	<1
AQ92	719567,731090	26.4	15.0	10.6	<1
AQ93	719387,731187	25.1	14.8	10.5	<1
AQ94	719426,731168	25.2	14.7	10.5	<1
AQ95	719416,731136	23.4	14.5	10.3	<1
AQ96	719370,731167	24.9	14.7	10.5	<1
AQ97	719408,731140	23.4	14.5	10.3	<1
AQ98	719649,731004	34.6	16.0	11.3	1
AQ99	719582,731024	25.1	14.7	10.4	<1
AQ100	719556,731057	25.6	14.8	10.5	<1
AQ101	718774,731109	23.8	14.6	10.4	<1
AQ102	718732,731070	23.7	14.6	10.4	<1

DM (2024)					
Receptor	Receptor Location (ITM)	Annual Mean Conc. ($\mu\text{g}/\text{m}^3$)			No of PM ₁₀ days > 50 $\mu\text{g}/\text{m}^3$
		NO ₂	PM ₁₀	PM _{2.5}	
AQ103	719510,731095	25.5	14.8	10.5	<1
AQ104	719498,731128	27.5	15.1	10.7	<1
AQ105	719542,731100	28.2	15.2	10.8	<1
AQ106	718938,731451	27.0	15.0	10.6	<1
AQ107	719000,731418	32.0	15.9	11.2	1
AQ108	718968,731409	23.9	14.6	10.4	<1
AQ109	716590,733267	37.6	16.2	11.4	1
AQ110	716625,733230	24.7	14.6	10.4	<1
AQ111	716664,733199	25.7	14.8	10.5	<1
AQ112	716680,733177	24.3	14.6	10.4	<1
AQ113	716747,733170	24.6	14.7	10.4	<1
AQ114	716694,733163	24.2	14.6	10.4	<1
AQ115	716647,733216	24.5	14.6	10.4	<1
AQ116	716722,733135	24.3	14.6	10.4	<1
AQ117	716751,733105	24.5	14.7	10.4	<1
AQ118	720217,730221	25.5	14.8	10.5	<1
AQ119	720202,730231	26.0	14.8	10.5	<1
AQ120	720185,730233	27.0	15.0	10.6	<1
AQ121	720253,730170	23.4	14.5	10.3	<1
AQ122	720618,730020	26.5	15.0	10.6	<1
AQ123	720534,730047	27.3	15.2	10.7	<1
AQ124	720133,730277	25.1	14.7	10.5	<1
AQ125	720141,730273	25.7	14.8	10.5	<1
AQ126	716820,733014	26.9	14.9	10.6	<1
AQ127	716857,732973	42.2	16.8	11.8	1
AQ128	716771,733063	23.9	14.6	10.3	<1
AQ129	716973,732875	25.1	14.7	10.4	<1
AQ130	717326,732600	22.3	14.4	10.2	<1
AQ131	717361,732748	22.8	14.5	10.3	<1
AQ132	717387,732675	22.7	14.4	10.3	<1
AQ133	716986,732760	25.9	14.8	10.5	<1
AQ134	716954,732770	24.7	14.6	10.4	<1
AQ135	717387,732804	25.1	14.8	10.5	<1
AQ136	717401,732741	23.0	14.5	10.3	<1
AQ137	717473,732790	25.1	14.8	10.5	<1
AQ138	716897,732967	42.1	16.9	11.8	1
AQ139	716871,732953	39.1	16.5	11.6	1
AQ140	717008,732828	25.1	14.7	10.4	<1

DM (2024)					
Receptor	Receptor Location (ITM)	Annual Mean Conc. ($\mu\text{g}/\text{m}^3$)			No of PM ₁₀ days > 50 $\mu\text{g}/\text{m}^3$ ³³
		NO ₂	PM ₁₀	PM _{2.5}	
AQ141	716998,732734	23.7	14.5	10.3	<1
AQ142	717014,732885	27.9	15.0	10.7	<1
AQ143	717070,732858	27.4	15.1	10.7	<1
AQ144	717052,732862	27.2	15.0	10.6	<1
AQ145	717201,732832	25.3	14.9	10.5	<1
AQ146	717372,732553	22.2	14.3	10.2	<1
AQ147	717206,732773	23.0	14.5	10.3	<1
AQ148	717176,732776	22.8	14.4	10.3	<1
AQ149	717355,732688	22.7	14.4	10.3	<1
AQ150	722023,728903	27.7	15.1	10.7	<1
AQ151	722182,728836	24.3	14.7	10.4	<1
AQ152	722288,729123	22.5	14.4	10.2	<1
AQ153	722283,729163	22.7	14.5	10.2	<1
AQ154	722249,729128	22.4	14.4	10.2	<1
AQ155	721292,729347	24.8	14.6	10.4	<1
AQ156	721190,729246	21.3	14.2	10.1	1
AQ157	721208,729221	21.1	14.2	10.1	1
AQ158	721177,729217	21.3	14.2	10.1	1
AQ159	721305,729109	23.0	14.5	10.3	<1
AQ160	721308,729119	23.0	14.5	10.3	<1
AQ161	721477,729173	23.5	14.6	10.4	<1
AQ162	721276,729082	22.8	14.4	10.2	<1
AQ163	721267,729063	21.8	14.3	10.1	<1
AQ164	721161,729097	21.1	14.2	10.1	1
AQ165	721159,729124	21.8	14.3	10.1	<1
AQ166	721151,729129	21.3	14.2	10.1	1
AQ167	721085,729009	20.6	14.1	10.1	1
AQ168	721265,729010	22.7	14.4	10.2	<1
AQ169	721299,728998	22.8	14.4	10.2	<1
AQ170	721278,728876	22.2	14.4	10.1	<1
AQ171	721309,728495	21.2	14.2	10.1	1
AQ172	721349,728509	21.9	14.4	10.1	<1
AQ173	721316,728755	21.7	14.3	10.1	<1
AQ174	721153,729502	23.8	14.5	10.3	<1
AQ175	721097,729513	23.4	14.5	10.3	<1
AQ176	721030,729483	23.3	14.5	10.3	<1
AQ177	721007,729514	22.9	14.5	10.3	<1
AQ178	721069,729603	30.3	15.6	11.0	1

DM (2024)					
Receptor	Receptor Location (ITM)	Annual Mean Conc. ($\mu\text{g}/\text{m}^3$)			No of PM_{10} days > $50 \mu\text{g}/\text{m}^3$ ³³
		NO_2	PM_{10}	$\text{PM}_{2.5}$	
AQ179	720741,729351	23.1	14.5	10.2	<1
AQ180	720715,729361	23.4	14.5	10.3	<1
AQ181	720818,729415	23.5	14.6	10.2	<1
AQ182	720394,729180	22.1	14.4	10.2	<1
AQ183	720195,729122	23.1	14.6	10.2	<1
AQ184	718384,730733	30.5	15.6	11.0	1
AQ185	718421,730711	33.5	16.3	11.4	1
AQ186	718161,730863	28.6	15.1	10.7	<1
AQ187	718184,730843	28.9	15.0	10.6	<1
AQ188	717727,731393	42.6	17.1	11.9	1
AQ189	717849,731391	41.0	17.2	12.0	1
AQ190	717912,731226	41.0	17.9	12.4	2
AQ191	717721,731288	24.4	14.6	10.4	<1
AQ192	717723,731236	29.0	15.3	10.8	<1
AQ193	717572,731053	26.6	15.1	10.7	<1
AQ194	717335,731069	25.1	14.9	10.5	<1
AQ195	717386,730507	30.1	15.7	11.1	1
AQ196	717352,730507	22.6	14.5	10.3	<1
AQ197	717356,730474	22.3	14.4	10.3	<1
AQ198	718537,730479	28.1	15.4	10.9	<1
AQ199	718628,730471	32.9	16.4	11.4	1
AQ200	718638,730455	32.6	16.3	11.4	1
AQ201	718992,730135	33.4	16.5	11.5	1
AQ202	719158,729956	36.1	17.2	11.9	1
AQ203	719523,729576	32.0	15.7	11.0	1
AQ204	719289,731246	25.6	14.7	10.5	<1
AQ205	720165,730106	24.0	14.6	10.4	<1
AQ206	720175,730095	24.8	14.8	10.5	<1
AQ207	720159,730096	22.9	14.5	10.3	<1
AQ208	720115,729847	23.6	14.6	10.4	<1
AQ209	720096,729856	22.3	14.4	10.2	<1
AQ210	720092,729841	22.4	14.4	10.2	<1
AQ211	719504,731489	23.4	14.6	10.3	<1
AQ212	719300,732368	22.7	14.5	10.3	<1
AQ213	719304,732355	22.9	14.5	10.3	<1
AQ214	719433,732013	23.2	14.5	10.3	<1
AQ215	719398,732042	21.6	14.3	10.2	1
AQ216	719089,731872	21.4	14.2	10.1	1

DM (2024)					
Receptor	Receptor Location (ITM)	Annual Mean Conc. ($\mu\text{g}/\text{m}^3$)			No of PM ₁₀ days > 50 $\mu\text{g}/\text{m}^3$ ³³
		NO ₂	PM ₁₀	PM _{2.5}	
AQ217	719124,731886	22.1	14.3	10.2	<1
AQ218	719076,731892	21.2	14.2	10.1	1
AQ219	719064,731959	21.2	14.2	10.1	1
AQ220	719103,731963	21.8	14.3	10.2	<1
AQ221	719338,732234	22.7	14.5	10.3	<1
AQ222	718957,732196	21.7	14.3	10.2	<1
AQ223	718942,732421	22.3	14.4	10.2	<1
AQ224	718967,732434	22.2	14.4	10.2	<1
AQ225	718948,732493	21.6	14.3	10.2	1
AQ226	718910,732375	21.3	14.2	10.1	1
AQ227	718848,732613	22.7	14.4	10.3	<1
AQ228	718817,732627	21.7	14.3	10.1	1
AQ229	718865,732630	22.2	14.4	10.2	<1
AQ230	718772,732591	21.4	14.2	10.1	1
AQ231	718635,732412	21.4	14.2	10.1	1
AQ232	718586,732401	21.4	14.2	10.1	1
AQ233	718499,732313	22.1	14.3	10.2	<1
AQ234	718413,732223	22.3	14.3	10.2	<1
AQ235	718306,732183	26.0	14.8	10.5	<1
AQ236	718309,732152	28.5	15.1	10.7	<1
AQ237	717912,731905	25.7	15.0	10.6	<1
AQ238	718034,731974	21.7	14.3	10.2	1
AQ239	717875,731914	24.2	14.7	10.4	<1
AQ240	717873,731896	23.4	14.6	10.3	<1
AQ241	717910,731876	25.4	14.9	10.6	<1
AQ242	718850,732830	22.6	14.5	10.3	<1
AQ243	718867,732832	22.8	14.5	10.3	<1
AQ244	718234,732541	26.1	14.9	10.5	<1
AQ245	718265,732628	25.4	14.8	10.3	<1
AQ246	718413,732867	22.6	14.4	10.2	<1
AQ247	718416,732886	22.9	14.5	10.2	<1
AQ248	718443,732866	22.8	14.4	10.2	<1
AQ249	718345,732721	23.6	14.5	10.2	<1
AQ250	718346,732690	24.2	14.6	10.3	<1
AQ251	718403,733212	22.5	14.4	10.2	<1
AQ252	718419,733247	25.3	14.9	10.3	<1
AQ253	718391,733239	22.6	14.4	10.2	<1
AQ254	718413,733140	22.7	14.4	10.2	<1

DM (2024)					
Receptor	Receptor Location (ITM)	Annual Mean Conc. ($\mu\text{g}/\text{m}^3$)			No of PM ₁₀ days > 50 $\mu\text{g}/\text{m}^3$ ³³
		NO ₂	PM ₁₀	PM _{2.5}	
AQ255	718211,732985	21.4	14.2	10.1	1
AQ256	718090,733020	22.8	14.5	10.2	<1
AQ257	717775,732993	26.1	14.9	10.5	<1
AQ258	717741,732988	23.6	14.5	10.3	<1
AQ259	717795,732934	25.1	14.7	10.4	<1
AQ260	717875,732964	22.8	14.4	10.2	<1
AQ261	717536,732716	23.1	14.5	10.3	<1
AQ262	717596,732880	23.2	14.5	10.3	<1
AQ263	717506,732904	25.2	14.8	10.5	<1
AQ264	717576,732964	22.9	14.4	10.3	<1
AQ265	717572,732928	23.1	14.5	10.3	<1
AQ266	717496,732844	24.4	14.6	10.4	<1
AQ267	717474,732873	24.1	14.6	10.4	<1
AQ268	717380,732604	22.7	14.4	10.3	<1
AQ269	717320,732558	21.9	14.3	10.2	<1
AQ270	717748,732487	39.0	16.5	11.6	1
AQ271	717329,732374	21.9	14.3	10.2	<1
AQ272	717297,732424	22.0	14.3	10.2	<1
AQ273	717149,732333	23.0	14.4	10.2	<1
AQ274	717098,732311	22.5	14.4	10.2	<1
AQ275	717126,732271	22.5	14.4	10.2	<1
AQ276	717198,732617	22.3	14.4	10.2	<1
AQ277	717194,732595	22.0	14.3	10.2	<1
AQ278	717208,732687	22.2	14.3	10.2	<1
AQ279	717194,732712	22.9	14.4	10.3	<1
AQ280	717170,732722	22.8	14.4	10.3	<1
AQ281	717387,732651	22.5	14.4	10.2	<1
AQ282	716885,732329	49.6	17.4	12.2	1
AQ283	716870,732359	28.5	15.0	10.6	<1
AQ284	716883,732402	26.7	14.8	10.5	<1
AQ285	716928,732661	23.5	14.5	10.3	<1
AQ286	716981,732658	23.2	14.5	10.3	<1
AQ287	717123,732623	21.9	14.3	10.2	1
AQ288	717338,732668	22.2	14.3	10.2	<1
AQ289	716999,732254	31.7	15.6	11.0	1
AQ290	716922,732258	37.1	16.1	11.3	1
AQ291	716790,732322	33.1	15.7	11.0	1
AQ292	716799,732376	41.9	16.8	11.8	1

DM (2024)					
Receptor	Receptor Location (ITM)	Annual Mean Conc. ($\mu\text{g}/\text{m}^3$)			No of PM ₁₀ days > 50 $\mu\text{g}/\text{m}^3$
		NO ₂	PM ₁₀	PM _{2.5}	
AQ293	716735,732325	28.8	15.2	10.8	<1
AQ294	717003,732144	29.0	15.2	10.7	<1
AQ295	717176,731954	40.4	16.9	11.8	1
AQ296	717176,731934	39.0	16.7	11.7	1
AQ297	717228,731951	40.8	16.7	11.7	1
AQ298	717237,731890	33.5	15.7	11.1	1
AQ299	717350,731709	25.6	14.7	10.4	<1
AQ300	717394,731747	41.3	16.7	11.7	1
AQ301	717382,731761	43.0	16.8	11.7	1
AQ302	717450,731652	32.4	15.7	11.0	1
AQ303	717503,731644	36.3	16.2	11.4	1
AQ304	717500,731661	40.7	16.8	11.8	1
AQ305	717602,731574	44.3	16.8	11.8	1
AQ306	717596,731553	34.9	15.8	11.1	1
AQ307	717211,731994	36.5	16.2	11.4	1
AQ308	717299,732071	23.6	14.5	10.3	<1
AQ309	717329,732053	22.9	14.4	10.3	<1
AQ310	717316,732085	23.8	14.5	10.3	<1
AQ311	716571,732102	23.8	14.5	10.3	<1
AQ312	716537,732082	24.6	14.7	10.4	<1
AQ313	716651,732183	23.8	14.6	10.3	<1
AQ314	716663,732411	30.1	15.4	10.9	<1
AQ315	716702,732455	25.5	14.7	10.5	<1
AQ316	716461,732633	33.5	16.1	11.3	1
AQ317	716427,732630	35.3	16.3	11.4	1
AQ318	716458,732652	35.5	16.3	11.4	1
AQ319	716440,732652	36.5	16.5	11.5	1
AQ320	716455,732738	30.4	15.4	10.9	<1
AQ321	716404,732715	53.9	18.6	12.9	2
AQ322	716373,732706	46.4	17.5	12.2	1
AQ323	716416,732588	37.2	16.6	11.6	1
AQ324	716351,732738	44.4	17.2	12.0	1
AQ325	716478,732534	32.9	16.0	11.2	1
AQ326	716641,732421	29.8	15.4	10.9	<1
AQ327	716572,732541	33.7	16.2	11.4	1
AQ328	716476,732738	27.3	15.0	10.6	<1
AQ329	716807,732919	26.8	14.9	10.6	<1
AQ330	719191,731684	21.6	14.3	10.2	1

DM (2024)					
Receptor	Receptor Location (ITM)	Annual Mean Conc. ($\mu\text{g}/\text{m}^3$)			No of PM ₁₀ days > 50 $\mu\text{g}/\text{m}^3$
		NO ₂	PM ₁₀	PM _{2.5}	
AQ331	719226,731665	21.2	14.2	10.1	1
AQ332	719124,731890	22.0	14.3	10.2	<1
AQ333	718955,732135	21.2	14.2	10.1	1
AQ334	718983,732146	22.1	14.4	10.2	<1
AQ335	718926,732183	21.3	14.2	10.1	1
AQ336	719291,732498	23.6	14.6	10.4	<1
AQ337	718931,732441	21.3	14.2	10.1	1
AQ338	718866,732627	22.2	14.4	10.2	<1
AQ339	718824,732642	21.6	14.3	10.2	1
AQ340	718833,732670	21.8	14.3	10.2	<1
AQ341	718861,732569	22.0	14.3	10.2	<1
AQ342	718940,732296	21.9	14.3	10.2	<1
AQ343	718567,732341	21.5	14.2	10.1	1
AQ344	718685,732493	21.4	14.2	10.1	1
AQ345	717819,732112	24.4	14.7	10.5	<1
AQ346	717332,733190	23.8	14.6	10.3	<1
AQ347	717314,733222	24.5	14.6	10.3	<1
AQ348	717345,733236	27.2	15.0	10.4	<1
AQ349	717367,733209	25.9	14.8	10.4	<1
AQ350	717431,733067	24.1	14.6	10.3	<1
AQ351	717719,733073	23.3	14.5	10.3	<1
AQ352	717756,733071	23.8	14.6	10.3	<1
AQ353	717729,733042	23.7	14.5	10.3	<1
AQ354	717571,733317	23.8	14.6	10.3	<1
AQ355	717588,733351	24.2	14.6	10.3	<1
AQ356	717602,733320	24.3	14.6	10.4	<1
AQ357	717576,733356	24.8	14.7	10.4	<1
AQ358	717671,733237	25.1	14.8	10.5	<1
AQ359	717209,733332	25.0	14.7	10.3	<1
AQ360	717094,733198	23.7	14.5	10.3	<1
AQ361	717062,733199	25.0	14.7	10.4	<1
AQ362	716967,733033	25.8	14.8	10.5	<1
AQ363	716970,733001	25.7	14.8	10.5	<1
AQ364	716841,733039	28.3	15.1	10.7	<1
AQ365	716808,733084	26.9	14.9	10.6	<1
AQ366	717016,733225	23.8	14.6	10.3	<1
AQ367	716993,733246	23.2	14.5	10.3	<1
AQ368	716933,733265	23.0	14.5	10.3	<1

DM (2024)					
Receptor	Receptor Location (ITM)	Annual Mean Conc. ($\mu\text{g}/\text{m}^3$)			No of PM ₁₀ days > 50 $\mu\text{g}/\text{m}^3$
		NO ₂	PM ₁₀	PM _{2.5}	
AQ369	716912,733294	23.0	14.4	10.3	<1
AQ370	716932,733309	23.4	14.5	10.3	<1
AQ371	717426,733443	26.1	14.9	10.5	<1
AQ372	717409,733412	23.7	14.6	10.3	<1
AQ373	717243,733527	26.2	14.9	10.5	<1
AQ374	717086,733592	24.2	14.6	10.4	<1
AQ375	716767,733375	23.9	14.6	10.3	<1
AQ376	716773,733398	24.3	14.6	10.4	<1
AQ377	716714,733432	25.7	14.8	10.5	<1
AQ378	716678,733425	25.0	14.7	10.4	<1
AQ379	716659,733243	26.3	14.8	10.5	<1
AQ380	716479,733013	25.3	14.8	10.5	<1
AQ381	716448,733015	25.3	14.8	10.5	<1
AQ382	716443,732949	26.9	15.0	10.6	<1
AQ383	716492,732922	27.7	15.1	10.7	<1
AQ384	716516,732914	26.2	14.9	10.6	<1
AQ385	716487,732910	26.3	14.9	10.6	<1
AQ386	716437,732939	26.4	14.9	10.6	<1
AQ387	716419,732959	25.5	14.8	10.5	<1
AQ388	716372,732821	42.1	16.8	11.8	1
AQ389	716221,732991	39.9	16.8	11.7	1
AQ390	716202,732975	34.5	16.0	11.2	1
AQ391	716188,732996	37.1	16.2	11.4	1
AQ392	716210,733007	44.2	17.2	12.0	1
AQ393	716326,733088	27.0	15.0	10.6	<1
AQ394	716313,733108	26.1	14.9	10.5	<1
AQ395	716511,733127	24.0	14.6	10.4	<1
AQ396	716366,733211	24.7	14.7	10.4	<1
AQ397	716535,733114	24.1	14.6	10.4	<1
AQ398	716465,733336	32.3	15.8	11.1	1
AQ399	716442,733348	34.3	16.1	11.3	1
AQ400	716462,733370	34.5	16.1	11.3	1
AQ401	716301,733420	44.2	17.3	12.1	1
AQ402	716318,733412	42.9	17.1	12.0	1
AQ403	716308,733403	38.6	16.5	11.6	1
AQ404	716293,733410	39.4	16.6	11.6	1
AQ405	716412,733574	33.5	16.0	11.2	1
AQ406	716072,733165	38.2	16.3	11.5	1

DM (2024)					
Receptor	Receptor Location (ITM)	Annual Mean Conc. ($\mu\text{g}/\text{m}^3$)			No of PM ₁₀ days > 50 $\mu\text{g}/\text{m}^3$ ³³
		NO ₂	PM ₁₀	PM _{2.5}	
AQ407	716085,733186	44.0	17.0	11.9	1
AQ408	715914,733234	30.6	15.5	11.0	1
AQ409	715741,733307	31.8	15.6	11.0	1
AQ410	715511,733317	41.2	16.6	11.7	1
AQ411	715479,733323	38.5	16.4	11.5	1
AQ412	716732,732960	26.2	14.9	10.5	<1
AQ413	717573,732572	22.8	14.4	10.3	<1
AQ414	717607,732515	22.7	14.4	10.3	<1
AQ415	717801,732809	24.0	14.6	10.4	<1
AQ416	717078,733627	25.0	14.7	10.5	<1
AQ417	717110,733929	37.1	16.4	11.5	1
AQ418	717109,733957	42.6	17.1	11.9	1
AQ419	717134,733956	46.3	17.8	12.4	1
AQ420	716355,732847	37.3	16.2	11.4	1
AQ421	716289,732756	38.1	16.7	11.7	1
AQ422	716311,732813	36.7	16.1	11.3	1
AQ423	715505,733367	42.1	17.0	11.9	1
AQ424	715539,733353	39.6	16.6	11.6	1
AQ425	721442,729180	21.7	14.3	10.2	1
AQ426	720788,729725	21.2	14.2	10.1	1
AQ427	721671,729229	24.7	14.7	10.4	<1
AQ428	721615,729108	21.2	14.2	10.1	1
AQ429	721742,729058	21.4	14.2	10.1	1
AQ430	721416,729314	32.2	15.7	11.1	1
AQ431	721325,729384	28.4	15.2	10.7	<1
AQ432	721042,729530	23.4	14.6	10.3	<1
AQ433	716960,732882	25.8	14.8	10.5	<1
AQ434	716920,732809	25.4	14.7	10.4	<1
AQ435	717149,732779	22.6	14.4	10.2	<1
AQ436	716797,733047	25.7	14.8	10.5	<1
AQ437	717034,732955	23.8	14.5	10.3	<1
AQ438	717533,732840	26.5	14.9	10.6	<1
AQ439	716861,732918	25.0	14.7	10.4	<1
AQ440	716775,732983	28.1	15.1	10.7	<1
AQ441	716720,733182	26.1	14.9	10.6	<1
AQ442	716679,733224	27.5	15.1	10.7	<1
AQ443	716671,733112	22.8	14.4	10.3	<1
AQ444	716720,733262	23.6	14.5	10.3	<1

DM (2024)					
Receptor	Receptor Location (ITM)	Annual Mean Conc. ($\mu\text{g}/\text{m}^3$)			No of PM_{10} days > $50 \mu\text{g}/\text{m}^3$ ³³
		NO_2	PM_{10}	$\text{PM}_{2.5}$	
AQ445	716905,733264	23.1	14.5	10.3	<1
AQ446	716749,733499	25.3	14.7	10.4	<1
AQ447	717801,732379	23.2	14.5	10.3	<1
AQ448	717789,732262	22.2	14.3	10.2	<1
AQ449	717740,732373	22.2	14.3	10.2	<1
AQ450	718227,732113	22.1	14.3	10.2	<1
AQ451	718180,732087	22.0	14.3	10.2	<1
AQ452	717638,732604	23.8	14.6	10.4	<1
AQ453	717672,732640	25.6	14.9	10.5	<1
AQ454	717865,732467	27.8	15.0	10.6	<1
AQ455	717969,732460	23.7	14.5	10.3	<1
AQ456	717758,732685	24.5	14.7	10.4	<1
AQ457	717723,732557	30.3	15.5	10.9	<1
AQ458	719803,730809	24.9	14.8	10.5	<1
AQ459	719666,730769	21.2	14.2	10.1	1
AQ460	720050,730265	21.4	14.2	10.1	1
AQ461	719808,730657	24.2	14.7	10.4	<1
AQ462	719603,730973	22.7	14.4	10.3	<1
AQ463	718950,731485	26.9	15.0	10.6	<1
AQ464	720199,729974	21.2	14.2	10.1	1
AQ465	720300,730013	20.9	14.2	10.1	1
AQ466	716793,733099	28.6	15.3	10.8	<1
AQ467	716566,732892	25.6	14.9	10.5	<1
AQ468	716632,733287	29.0	15.1	10.7	<1
AQ469	716665,733237	28.3	15.2	10.7	<1
AQ470	717793,732770	24.1	14.7	10.4	<1
AQ471	716508,733261	23.3	14.5	10.3	<1
AQ472	717139,732842	25.3	14.9	10.5	<1
AQ473	716891,732794	23.5	14.5	10.3	<1
AQ474	716867,732711	22.8	14.4	10.2	<1
AQ475	717677,732904	23.9	14.6	10.3	<1
AQ476	718174,732126	21.8	14.3	10.2	1
AQ477	717570,732801	25.2	14.7	10.5	<1
AQ478	717726,732769	22.5	14.4	10.2	<1
AQ479	716957,732999	27.0	14.9	10.6	<1
AQ480	716757,732887	25.6	14.8	10.5	<1
AQ481	717104,733065	23.0	14.5	10.3	<1
AQ482	716746,733155	26.1	14.9	10.6	<1

DM (2024)					
Receptor	Receptor Location (ITM)	Annual Mean Conc. ($\mu\text{g}/\text{m}^3$)			No of PM ₁₀ days > 50 $\mu\text{g}/\text{m}^3$ ³³
		NO ₂	PM ₁₀	PM _{2.5}	
AQ483	716849,733224	22.8	14.4	10.2	<1
AQ484	718932,731338	21.8	14.3	10.2	<1
AQ485	718895,731163	24.8	14.7	10.5	<1
AQ486	719292,731183	23.0	14.5	10.3	<1
AQ487	718831,731467	22.0	14.3	10.2	<1
AQ488	719261,731255	25.3	14.7	10.5	<1
AQ489	718993,731150	22.3	14.3	10.2	<1
AQ490	719224,731163	23.0	14.4	10.3	<1
AQ491	719323,731041	20.9	14.2	10.1	1
AQ492	720711,729410	21.6	14.3	10.1	1
AQ493	721200,728980	21.0	14.2	10.1	1
AQ494	720860,729594	20.9	14.2	10.1	1
AQ495	719591,729559	21.9	14.3	10.2	<1
AQ496	718528,730385	21.5	14.3	10.2	1
AQ497	719130,729776	21.1	14.2	10.1	1
AQ498	718899,729967	20.8	14.2	10.1	1
AQ499	717497,730435	21.2	14.2	10.1	1
AQ500	718112,730935	24.7	14.8	10.5	<1
AQ501	717457,730653	21.8	14.3	10.2	<1
AQ502	717496,730741	22.6	14.4	10.3	<1
AQ503	719988,729851	20.6	14.1	10.1	1
AQ504	719529,729796	21.5	14.3	10.2	1
AQ505	717562,730811	21.6	14.3	10.2	1
AQ506	717754,731351	31.3	15.3	10.8	<1
AQ507	717603,731491	23.1	14.4	10.3	<1
AQ508	719095,731996	21.7	14.3	10.2	<1
AQ509	718966,732342	21.1	14.2	10.1	1
AQ510	718710,732579	21.2	14.2	10.1	1
AQ511	718807,732805	21.3	14.2	10.1	1
AQ512	718948,732840	21.0	14.2	10.1	1
AQ513	718326,732891	21.4	14.2	10.1	1
AQ514	718081,732941	21.4	14.2	10.1	1
AQ515	718211,732233	23.5	14.6	10.3	<1
AQ516	717217,731824	22.3	14.3	10.2	<1
AQ517	717203,732004	34.5	15.9	11.2	1
AQ518	717074,732044	27.6	15.0	10.6	<1
AQ519	716979,731894	21.5	14.2	10.1	1
AQ520	716860,732265	29.4	15.1	10.7	<1

DM (2024)					
Receptor	Receptor Location (ITM)	Annual Mean Conc. ($\mu\text{g}/\text{m}^3$)			No of PM_{10} days > 50 $\mu\text{g}/\text{m}^3$ ³³
		NO_2	PM_{10}	$\text{PM}_{2.5}$	
AQ521	716757,732314	32.3	15.7	11.0	1
AQ522	717173,732292	22.6	14.4	10.2	<1
AQ523	716425,732552	24.1	14.6	10.4	<1
AQ524	716595,732551	23.7	14.6	10.4	<1
AQ525	716691,732779	22.4	14.4	10.2	<1
AQ526	716703,733409	26.0	14.8	10.5	<1
AQ527	716757,733380	25.0	14.7	10.4	<1
AQ528	717356,733135	23.6	14.5	10.2	<1
AQ529	717389,733060	24.2	14.6	10.3	<1
AQ530	717400,733039	23.8	14.6	10.3	<1
AQ531	717045,733078	24.0	14.6	10.4	<1
AQ532	717020,733103	24.8	14.7	10.4	<1
AQ533	717033,733148	25.6	14.8	10.5	<1
AQ534	716992,733100	26.1	14.9	10.5	<1
AQ535	717017,733263	24.1	14.6	10.3	<1
AQ536	717231,733357	26.6	14.9	10.4	<1
AQ537	717304,733460	24.9	14.7	10.3	<1
AQ538	717389,733425	24.3	14.6	10.3	<1
AQ539	717163,733399	29.5	15.3	10.7	<1
AQ540	717145,733376	27.3	15.0	10.5	<1
AQ541	717236,733483	26.6	14.9	10.5	<1
AQ542	717103,733550	23.3	14.5	10.3	<1
AQ543	717180,733558	28.3	15.2	10.8	<1
AQ544	717106,733602	30.4	15.5	11.0	1
AQ545	716384,733201	27.1	15.0	10.6	<1
AQ546	716414,733255	26.7	15.0	10.6	<1
AQ547	716404,733281	26.2	14.9	10.6	<1
AQ548	716355,732983	23.6	14.5	10.3	<1
AQ549	716297,732978	24.0	14.6	10.4	<1
AQ550	716321,732946	24.0	14.6	10.3	<1
AQ551	716314,732770	44.8	17.3	12.1	1
AQ552	716214,732835	23.5	14.5	10.3	<1
AQ553	716170,733029	42.4	16.8	11.8	1
AQ554	716306,733095	28.1	15.1	10.7	<1
AQ555	716080,733191	53.9	18.3	12.7	2
AQ556	716435,733378	29.1	15.2	10.8	<1
AQ557	716336,733438	29.7	15.2	10.8	<1
AQ558	716243,733445	32.9	15.7	11.0	1

DM (2024)					
Receptor	Receptor Location (ITM)	Annual Mean Conc. ($\mu\text{g}/\text{m}^3$)			No of PM ₁₀ days > 50 $\mu\text{g}/\text{m}^3$
		NO ₂	PM ₁₀	PM _{2.5}	
AQ559	716054,733178	47.0	17.4	12.1	1
AQ560	715958,733213	32.2	15.8	11.1	1
AQ561	715707,733320	42.9	17.1	12.0	1
AQ562	716537,732964	24.2	14.6	10.4	<1
AQ563	719159,731245	23.3	14.5	10.3	<1
AQ564	720598,729334	21.4	14.3	10.2	1
Air Quality Limit Value Objective	40	40	25	35	

In the 2024 DM scenario annual mean concentrations of NO₂ are above the relevant national air quality limit value objective in some areas; 37 exceedances were modelled at receptors on the R110 Cuffle Street / St. Stephen's Green, the R138 Leeson Street / Morehampton Road / Donnybrook Road / Stillorgan Road, R824 Ailesbury Road, R816 Baggot Street, R118 Pembroke Road and Pearse Street. Annual mean NO₂ concentrations exceed 60 $\mu\text{g}/\text{m}^3$ at one receptor on R118 Pembroke Road, indicating that exceedances of the NO₂ 1-hour mean may occur. Annual mean PM₁₀ concentrations are below the relevant national air quality limit value objective in 2019 for all modelled receptors. At all receptors, modelling of the maximum 24-hour PM₁₀ concentration indicated that there is likely to be no more than three exceedances of the 50 $\mu\text{g}/\text{m}^3$ ambient limit value compared to the threshold which allows 35 daily exceedances in any one calendar year. Annual mean PM_{2.5} concentrations are also below the relevant national air quality limit value objective for all modelled receptors.

1.2 'Do Something' Scenario

Predicted annual mean concentrations of NO₂, PM₁₀, PM_{2.5} and the number of exceedances of the 24 hour PM₁₀ objective, at all modelled existing air quality sensitive receptors in the cumulative 2024 DS scenario are listed in Table 1.2. Locations of these receptors are shown in Figures 7.6-7.9 in Volume 3 of this EIAR.

Table 1.2: Predicted Cumulative 2024 Do Something Construction Scenario Pollutant Statistics At All Modelled Receptor Locations

DS (2024)					
Receptor	Receptor Location (ITM)	Annual Mean Conc. ($\mu\text{g}/\text{m}^3$)			No of PM ₁₀ days > 50 $\mu\text{g}/\text{m}^3$
		NO ₂	PM ₁₀	PM _{2.5}	
AQ1	721010,729635	24.1	14.7	10.4	<1
AQ2	720977,729665	23.8	14.6	10.4	<1
AQ3	721306,729354	25.7	14.7	10.5	<1
AQ4	720886,729720	22.1	14.3	10.2	<1
AQ5	720812,729814	29.3	15.3	10.8	<1
AQ6	720857,729742	22.2	14.3	10.2	<1
AQ7	720852,729786	26.8	15.0	10.6	<1
AQ8	720751,729872	27.4	14.8	10.5	<1
AQ9	720793,729833	30.6	15.2	10.8	<1
AQ10	720785,729839	35.8	15.5	11.0	1
AQ11	720743,729877	30.4	15.3	10.8	<1
AQ12	720642,729995	26.1	15.0	10.6	<1

DS (2024)					
Receptor	Receptor Location (ITM)	Annual Mean Conc. ($\mu\text{g}/\text{m}^3$)			No of PM ₁₀ days > 50 $\mu\text{g}/\text{m}^3$
		NO ₂	PM ₁₀	PM _{2.5}	
AQ13	720696,729932	27.3	15.1	10.7	<1
AQ14	720689,729941	26.5	15.0	10.6	<1
AQ15	720744,729834	24.0	14.4	10.3	<1
AQ16	722051,728727	24.4	14.7	10.4	<1
AQ17	718604,731788	22.0	14.4	10.2	<1
AQ18	718542,731849	22.1	14.4	10.2	<1
AQ19	718578,731811	22.0	14.3	10.2	<1
AQ20	718629,731758	22.0	14.3	10.2	<1
AQ21	718655,731727	22.1	14.3	10.2	<1
AQ22	718408,732046	24.1	14.7	10.4	<1
AQ23	718378,732003	22.4	14.4	10.2	<1
AQ24	718370,732074	25.1	14.8	10.5	<1
AQ25	719766,730745	22.7	14.5	10.3	<1
AQ26	718458,730750	42.1	17.7	12.3	1
AQ27	718621,730961	24.9	14.8	10.5	<1
AQ28	718530,730821	25.6	14.9	10.6	<1
AQ29	718644,730983	25.4	14.9	10.5	<1
AQ30	717896,732423	40.6	16.8	11.8	1
AQ31	717756,732518	46.3	17.1	12.0	1
AQ32	717741,732531	50.4	17.7	12.3	1
AQ33	717762,732471	36.1	16.0	11.3	1
AQ34	717871,732437	42.9	17.1	12.0	1
AQ35	717786,732489	59.0	19.3	13.4	3
AQ36	717691,732499	24.0	14.5	10.3	<1
AQ37	717630,732693	23.7	14.6	10.4	<1
AQ38	717680,732621	24.3	14.7	10.4	<1
AQ39	718337,732111	26.2	14.9	10.6	<1
AQ40	718322,732134	24.8	14.7	10.4	<1
AQ41	718227,732280	24.6	14.7	10.5	<1
AQ42	718274,732236	24.3	14.7	10.4	<1
AQ43	718133,732325	28.3	15.2	10.8	<1
AQ44	718681,731694	22.4	14.4	10.2	<1
AQ45	721577,729182	22.7	14.4	10.2	<1
AQ46	721681,729155	22.4	14.3	10.2	<1
AQ47	721636,729169	22.6	14.4	10.2	<1
AQ48	716603,733291	44.6	16.7	11.7	1
AQ49	721574,729220	27.5	15.0	10.6	<1
AQ50	721529,729195	22.9	14.4	10.3	<1

DS (2024)					
Receptor	Receptor Location (ITM)	Annual Mean Conc. ($\mu\text{g}/\text{m}^3$)			No of PM ₁₀ days > 50 $\mu\text{g}/\text{m}^3$
		NO ₂	PM ₁₀	PM _{2.5}	
AQ51	716629,733338	26.8	14.9	10.6	<1
AQ52	716616,733315	27.3	14.9	10.6	<1
AQ53	716642,733360	26.5	14.9	10.6	<1
AQ54	716626,733276	38.2	16.2	11.4	1
AQ55	721701,729145	22.3	14.3	10.2	<1
AQ56	721480,729222	22.9	14.4	10.3	<1
AQ57	721492,729217	23.2	14.5	10.3	<1
AQ58	721546,729226	25.5	14.7	10.5	<1
AQ59	721389,729300	27.4	15.0	10.7	<1
AQ60	721276,729364	22.7	14.4	10.2	<1
AQ61	721364,729304	24.8	14.7	10.4	<1
AQ62	722017,728804	27.0	15.1	10.7	<1
AQ63	722083,728735	23.8	14.6	10.4	<1
AQ64	721962,728989	26.3	14.8	10.5	<1
AQ65	722046,729034	21.5	14.2	10.1	1
AQ66	721963,728897	23.0	14.4	10.3	<1
AQ67	722001,728914	27.1	15.0	10.6	<1
AQ68	721927,728955	22.4	14.3	10.2	<1
AQ69	721994,728823	24.0	14.6	10.4	<1
AQ70	722014,728882	26.4	14.9	10.6	<1
AQ71	721807,729134	25.8	14.7	10.4	<1
AQ72	721909,729003	25.2	14.6	10.4	<1
AQ73	721913,729051	26.4	14.8	10.5	<1
AQ74	719986,730399	22.6	14.4	10.3	<1
AQ75	719962,730429	23.2	14.5	10.3	<1
AQ76	719903,730487	23.3	14.5	10.3	<1
AQ77	719918,730468	22.9	14.5	10.3	<1
AQ78	719880,730535	25.9	14.9	10.5	<1
AQ79	719852,730592	25.8	14.9	10.6	<1
AQ80	718761,731677	25.0	14.7	10.5	<1
AQ81	718744,731616	22.4	14.4	10.2	<1
AQ82	718894,731536	25.8	14.8	10.5	<1
AQ83	718803,731549	22.7	14.4	10.3	<1
AQ84	718817,731610	25.4	14.8	10.5	<1
AQ85	718936,731258	23.9	14.6	10.4	<1
AQ86	719126,731328	26.4	14.9	10.6	<1
AQ87	719054,731389	26.4	14.9	10.5	<1
AQ88	718879,731208	24.2	14.7	10.4	<1

DS (2024)					
Receptor	Receptor Location (ITM)	Annual Mean Conc. ($\mu\text{g}/\text{m}^3$)			No of PM ₁₀ days > 50 $\mu\text{g}/\text{m}^3$
		NO ₂	PM ₁₀	PM _{2.5}	
AQ89	718827,731160	24.1	14.7	10.4	<1
AQ90	719470,731145	24.9	14.7	10.5	<1
AQ91	719567,731080	27.0	15.0	10.6	<1
AQ92	719567,731090	25.3	14.8	10.5	<1
AQ93	719387,731187	23.5	14.6	10.3	<1
AQ94	719426,731168	23.5	14.5	10.3	<1
AQ95	719416,731136	22.4	14.4	10.2	<1
AQ96	719370,731167	23.4	14.5	10.3	<1
AQ97	719408,731140	22.4	14.4	10.2	<1
AQ98	719649,731004	34.5	15.7	11.1	1
AQ99	719582,731024	24.9	14.6	10.4	<1
AQ100	719556,731057	24.7	14.6	10.4	<1
AQ101	718774,731109	24.2	14.7	10.4	<1
AQ102	718732,731070	24.1	14.7	10.4	<1
AQ103	719510,731095	24.3	14.6	10.4	<1
AQ104	719498,731128	25.7	14.8	10.5	<1
AQ105	719542,731100	26.4	14.9	10.6	<1
AQ106	718938,731451	26.4	14.9	10.6	<1
AQ107	719000,731418	31.2	15.7	11.0	1
AQ108	718968,731409	23.7	14.6	10.3	<1
AQ109	716590,733267	37.2	16.2	11.4	1
AQ110	716625,733230	24.6	14.6	10.4	<1
AQ111	716664,733199	25.4	14.8	10.5	<1
AQ112	716680,733177	24.1	14.6	10.4	<1
AQ113	716747,733170	24.3	14.6	10.4	<1
AQ114	716694,733163	24.0	14.6	10.4	<1
AQ115	716647,733216	24.3	14.6	10.4	<1
AQ116	716722,733135	24.0	14.6	10.4	<1
AQ117	716751,733105	24.2	14.6	10.4	<1
AQ118	720217,730221	24.7	14.6	10.4	<1
AQ119	720202,730231	25.5	14.7	10.5	<1
AQ120	720185,730233	27.0	14.9	10.6	<1
AQ121	720253,730170	22.8	14.4	10.3	<1
AQ122	720618,730020	24.3	14.7	10.4	<1
AQ123	720534,730047	24.9	14.8	10.5	<1
AQ124	720133,730277	24.2	14.6	10.4	<1
AQ125	720141,730273	24.8	14.7	10.4	<1
AQ126	716820,733014	26.1	14.8	10.5	<1

DS (2024)					
Receptor	Receptor Location (ITM)	Annual Mean Conc. ($\mu\text{g}/\text{m}^3$)			No of PM ₁₀ days > 50 $\mu\text{g}/\text{m}^3$
		NO ₂	PM ₁₀	PM _{2.5}	
AQ127	716857,732973	39.3	16.4	11.8	1
AQ128	716771,733063	23.6	14.5	10.3	<1
AQ129	716973,732875	23.7	14.5	10.3	<1
AQ130	717326,732600	22.4	14.4	10.2	<1
AQ131	717361,732748	22.1	14.3	10.2	<1
AQ132	717387,732675	22.2	14.3	10.2	<1
AQ133	716986,732760	26.5	14.9	10.6	<1
AQ134	716954,732770	24.6	14.6	10.4	<1
AQ135	717387,732804	22.6	14.4	10.3	<1
AQ136	717401,732741	22.2	14.3	10.2	<1
AQ137	717473,732790	23.2	14.5	10.3	<1
AQ138	716897,732967	37.9	16.4	11.8	1
AQ139	716871,732953	35.9	16.1	11.4	1
AQ140	717008,732828	24.4	14.6	10.4	<1
AQ141	716998,732734	23.9	14.6	10.4	<1
AQ142	717014,732885	24.8	14.6	10.4	<1
AQ143	717070,732858	24.0	14.6	10.4	<1
AQ144	717052,732862	23.7	14.5	10.3	<1
AQ145	717201,732832	22.8	14.4	10.3	<1
AQ146	717372,732553	22.1	14.3	10.2	<1
AQ147	717206,732773	22.8	14.4	10.3	<1
AQ148	717176,732776	22.6	14.4	10.2	<1
AQ149	717355,732688	22.2	14.3	10.2	<1
AQ150	722023,728903	25.7	14.8	10.5	<1
AQ151	722182,728836	23.3	14.6	10.4	<1
AQ152	722288,729123	22.3	14.4	10.2	<1
AQ153	722283,729163	22.5	14.4	10.3	<1
AQ154	722249,729128	22.2	14.4	10.2	<1
AQ155	721292,729347	23.6	14.4	10.3	<1
AQ156	721190,729246	21.5	14.3	10.2	1
AQ157	721208,729221	21.1	14.2	10.1	1
AQ158	721177,729217	21.5	14.2	10.2	1
AQ159	721305,729109	22.9	14.5	10.3	<1
AQ160	721308,729119	22.8	14.4	10.3	<1
AQ161	721477,729173	23.2	14.5	10.3	<1
AQ162	721276,729082	23.3	14.5	10.3	<1
AQ163	721267,729063	22.1	14.3	10.2	<1
AQ164	721161,729097	21.4	14.2	10.1	1

DS (2024)					
Receptor	Receptor Location (ITM)	Annual Mean Conc. ($\mu\text{g}/\text{m}^3$)			No of PM_{10} days > $50 \mu\text{g}/\text{m}^3$
		NO_2	PM_{10}	$\text{PM}_{2.5}$	
AQ165	721159,729124	22.6	14.4	10.3	<1
AQ166	721151,729129	21.7	14.3	10.2	1
AQ167	721085,729009	20.8	14.1	10.1	1
AQ168	721265,729010	23.1	14.5	10.3	<1
AQ169	721299,728998	23.2	14.5	10.3	<1
AQ170	721278,728876	22.8	14.5	10.3	<1
AQ171	721309,728495	21.6	14.3	10.2	<1
AQ172	721349,728509	22.4	14.4	10.3	<1
AQ173	721316,728755	22.2	14.4	10.2	<1
AQ174	721153,729502	22.6	14.4	10.2	<1
AQ175	721097,729513	22.6	14.4	10.3	<1
AQ176	721030,729483	23.4	14.5	10.3	<1
AQ177	721007,729514	22.5	14.4	10.3	<1
AQ178	721069,729603	26.5	15.1	10.6	<1
AQ179	720741,729351	23.2	14.5	10.3	<1
AQ180	720715,729361	23.6	14.6	10.4	<1
AQ181	720818,729415	23.6	14.6	10.4	<1
AQ182	720394,729180	22.1	14.4	10.2	<1
AQ183	720195,729122	23.6	14.6	10.4	<1
AQ184	718384,730733	30.9	15.7	11.0	1
AQ185	718421,730711	34.3	16.4	11.4	1
AQ186	718161,730863	28.8	15.1	10.7	<1
AQ187	718184,730843	29.1	15.1	10.7	<1
AQ188	717727,731393	43.6	17.2	12.0	1
AQ189	717849,731391	41.0	17.1	11.9	1
AQ190	717912,731226	41.1	18.0	12.4	2
AQ191	717721,731288	24.5	14.6	10.4	<1
AQ192	717723,731236	29.2	15.3	10.8	<1
AQ193	717572,731053	26.7	15.1	10.7	<1
AQ194	717335,731069	25.5	15.0	10.6	<1
AQ195	717386,730507	30.9	15.9	11.1	1
AQ196	717352,730507	22.8	14.5	10.3	<1
AQ197	717356,730474	22.5	14.4	10.3	<1
AQ198	718537,730479	28.6	15.5	10.9	1
AQ199	718628,730471	33.6	16.5	11.5	1
AQ200	718638,730455	33.2	16.4	11.5	1
AQ201	718992,730135	34.1	16.6	11.6	1
AQ202	719158,729956	37.1	17.3	12.0	1

DS (2024)					
Receptor	Receptor Location (ITM)	Annual Mean Conc. ($\mu\text{g}/\text{m}^3$)			No of PM ₁₀ days > 50 $\mu\text{g}/\text{m}^3$
		NO ₂	PM ₁₀	PM _{2.5}	
AQ203	719523,729576	32.7	15.7	11.1	1
AQ204	719289,731246	24.2	14.6	10.4	<1
AQ205	720165,730106	24.6	14.7	10.4	<1
AQ206	720175,730095	25.6	14.9	10.6	<1
AQ207	720159,730096	23.3	14.5	10.3	<1
AQ208	720115,729847	24.2	14.7	10.4	<1
AQ209	720096,729856	22.8	14.5	10.3	<1
AQ210	720092,729841	22.9	14.5	10.3	<1
AQ211	719504,731489	23.4	14.6	10.3	<1
AQ212	719300,732368	22.8	14.5	10.3	<1
AQ213	719304,732355	23.0	14.5	10.3	<1
AQ214	719433,732013	23.3	14.6	10.3	<1
AQ215	719398,732042	21.6	14.3	10.2	1
AQ216	719089,731872	21.3	14.2	10.1	1
AQ217	719124,731886	22.0	14.3	10.2	<1
AQ218	719076,731892	21.1	14.2	10.1	1
AQ219	719064,731959	21.1	14.2	10.1	1
AQ220	719103,731963	21.7	14.3	10.2	<1
AQ221	719338,732234	22.8	14.5	10.3	<1
AQ222	718957,732196	21.6	14.3	10.2	1
AQ223	718942,732421	22.1	14.4	10.2	<1
AQ224	718967,732434	22.0	14.4	10.2	<1
AQ225	718948,732493	21.5	14.3	10.2	1
AQ226	718910,732375	21.2	14.2	10.1	1
AQ227	718848,732613	22.5	14.4	10.3	<1
AQ228	718817,732627	21.6	14.3	10.2	1
AQ229	718865,732630	22.0	14.3	10.2	<1
AQ230	718772,732591	21.3	14.2	10.1	1
AQ231	718635,732412	21.3	14.2	10.1	1
AQ232	718586,732401	21.3	14.2	10.1	1
AQ233	718499,732313	21.9	14.3	10.2	1
AQ234	718413,732223	22.1	14.3	10.2	<1
AQ235	718306,732183	25.4	14.7	10.5	<1
AQ236	718309,732152	27.2	15.0	10.6	<1
AQ237	717912,731905	25.9	15.0	10.6	<1
AQ238	718034,731974	21.8	14.3	10.2	1
AQ239	717875,731914	24.3	14.7	10.4	<1
AQ240	717873,731896	23.5	14.6	10.4	<1

DS (2024)					
Receptor	Receptor Location (ITM)	Annual Mean Conc. ($\mu\text{g}/\text{m}^3$)			No of PM_{10} days > $50 \mu\text{g}/\text{m}^3$
		NO_2	PM_{10}	$\text{PM}_{2.5}$	
AQ241	717910,731876	25.6	14.9	10.6	<1
AQ242	718850,732830	22.5	14.5	10.3	<1
AQ243	718867,732832	22.6	14.5	10.3	<1
AQ244	718234,732541	26.3	14.9	10.6	<1
AQ245	718265,732628	25.9	14.8	10.5	<1
AQ246	718413,732867	22.8	14.4	10.3	<1
AQ247	718416,732886	23.2	14.5	10.3	<1
AQ248	718443,732866	23.1	14.5	10.3	<1
AQ249	718345,732721	24.0	14.6	10.4	<1
AQ250	718346,732690	24.6	14.7	10.4	<1
AQ251	718403,733212	22.8	14.5	10.3	<1
AQ252	718419,733247	26.1	15.0	10.6	<1
AQ253	718391,733239	22.9	14.5	10.3	<1
AQ254	718413,733140	23.0	14.5	10.3	<1
AQ255	718211,732985	21.5	14.2	10.2	1
AQ256	718090,733020	22.9	14.5	10.3	<1
AQ257	717775,732993	26.8	15.0	10.6	<1
AQ258	717741,732988	23.8	14.6	10.3	<1
AQ259	717795,732934	25.5	14.8	10.5	<1
AQ260	717875,732964	22.8	14.4	10.3	<1
AQ261	717536,732716	22.5	14.4	10.2	<1
AQ262	717596,732880	22.8	14.4	10.3	<1
AQ263	717506,732904	25.3	14.8	10.5	<1
AQ264	717576,732964	23.0	14.4	10.3	<1
AQ265	717572,732928	23.1	14.5	10.3	<1
AQ266	717496,732844	24.0	14.6	10.4	<1
AQ267	717474,732873	23.9	14.6	10.4	<1
AQ268	717380,732604	22.3	14.4	10.2	<1
AQ269	717320,732558	21.9	14.3	10.2	<1
AQ270	717748,732487	38.7	16.2	11.4	1
AQ271	717329,732374	22.0	14.3	10.2	<1
AQ272	717297,732424	22.1	14.3	10.2	<1
AQ273	717149,732333	23.1	14.4	10.3	<1
AQ274	717098,732311	22.6	14.4	10.2	<1
AQ275	717126,732271	22.6	14.4	10.2	<1
AQ276	717198,732617	22.8	14.4	10.3	<1
AQ277	717194,732595	22.3	14.4	10.2	<1
AQ278	717208,732687	22.3	14.4	10.2	<1

DS (2024)					
Receptor	Receptor Location (ITM)	Annual Mean Conc. ($\mu\text{g}/\text{m}^3$)			No of PM ₁₀ days > 50 $\mu\text{g}/\text{m}^3$
		NO ₂	PM ₁₀	PM _{2.5}	
AQ279	717194,732712	23.4	14.5	10.3	<1
AQ280	717170,732722	23.6	14.5	10.3	<1
AQ281	717387,732651	22.1	14.3	10.2	<1
AQ282	716885,732329	50.9	17.5	12.3	1
AQ283	716870,732359	28.9	15.0	10.7	<1
AQ284	716883,732402	26.9	14.8	10.5	<1
AQ285	716928,732661	23.5	14.5	10.3	<1
AQ286	716981,732658	23.3	14.5	10.3	<1
AQ287	717123,732623	22.0	14.3	10.2	<1
AQ288	717338,732668	21.9	14.3	10.2	<1
AQ289	716999,732254	32.3	15.6	11.0	1
AQ290	716922,732258	37.8	16.2	11.4	1
AQ291	716790,732322	33.9	15.8	11.1	1
AQ292	716799,732376	43.3	17.0	11.9	1
AQ293	716735,732325	29.2	15.3	10.8	<1
AQ294	717003,732144	29.5	15.2	10.8	<1
AQ295	717176,731954	41.0	16.9	11.8	1
AQ296	717176,731934	39.3	16.7	11.7	1
AQ297	717228,731951	41.7	16.8	11.8	1
AQ298	717237,731890	34.2	15.8	11.1	1
AQ299	717350,731709	25.8	14.7	10.5	<1
AQ300	717394,731747	42.6	16.8	11.8	1
AQ301	717382,731761	44.5	16.9	11.8	1
AQ302	717450,731652	33.4	15.7	11.1	1
AQ303	717503,731644	37.7	16.3	11.4	1
AQ304	717500,731661	42.4	17.0	11.9	1
AQ305	717602,731574	46.0	16.9	11.9	1
AQ306	717596,731553	36.0	15.9	11.2	1
AQ307	717211,731994	37.0	16.3	11.4	1
AQ308	717299,732071	23.5	14.5	10.3	<1
AQ309	717329,732053	22.9	14.4	10.3	<1
AQ310	717316,732085	23.7	14.5	10.3	<1
AQ311	716571,732102	24.2	14.6	10.4	<1
AQ312	716537,732082	25.1	14.7	10.5	<1
AQ313	716651,732183	24.0	14.6	10.4	<1
AQ314	716663,732411	31.0	15.5	10.9	1
AQ315	716702,732455	26.0	14.8	10.5	<1
AQ316	716461,732633	34.9	16.3	11.4	1

DS (2024)					
Receptor	Receptor Location (ITM)	Annual Mean Conc. ($\mu\text{g}/\text{m}^3$)			No of PM ₁₀ days > 50 $\mu\text{g}/\text{m}^3$
		NO ₂	PM ₁₀	PM _{2.5}	
AQ317	716427,732630	37.3	16.6	11.6	1
AQ318	716458,732652	37.1	16.6	11.6	1
AQ319	716440,732652	38.4	16.8	11.7	1
AQ320	716455,732738	30.2	15.4	10.9	<1
AQ321	716404,732715	56.2	19.0	13.2	2
AQ322	716373,732706	48.1	17.8	12.4	1
AQ323	716416,732588	39.2	16.8	11.8	1
AQ324	716351,732738	45.7	17.3	12.1	1
AQ325	716478,732534	34.5	16.2	11.4	1
AQ326	716641,732421	30.8	15.5	11.0	1
AQ327	716572,732541	35.1	16.5	11.5	1
AQ328	716476,732738	27.4	15.0	10.7	<1
AQ329	716807,732919	26.2	14.8	10.5	<1
AQ330	719191,731684	21.5	14.2	10.2	1
AQ331	719226,731665	21.2	14.2	10.1	1
AQ332	719124,731890	21.9	14.3	10.2	<1
AQ333	718955,732135	21.1	14.2	10.1	1
AQ334	718983,732146	22.0	14.4	10.2	<1
AQ335	718926,732183	21.2	14.2	10.1	1
AQ336	719291,732498	23.8	14.6	10.4	<1
AQ337	718931,732441	21.2	14.2	10.1	1
AQ338	718866,732627	22.0	14.3	10.2	<1
AQ339	718824,732642	21.5	14.3	10.2	1
AQ340	718833,732670	21.7	14.3	10.2	1
AQ341	718861,732569	21.8	14.3	10.2	<1
AQ342	718940,732296	21.8	14.3	10.2	<1
AQ343	718567,732341	21.4	14.2	10.1	1
AQ344	718685,732493	21.3	14.2	10.1	1
AQ345	717819,732112	24.4	14.7	10.5	<1
AQ346	717332,733190	23.8	14.6	10.4	<1
AQ347	717314,733222	24.5	14.7	10.4	<1
AQ348	717345,733236	27.0	15.0	10.6	<1
AQ349	717367,733209	25.8	14.8	10.5	<1
AQ350	717431,733067	24.3	14.7	10.4	<1
AQ351	717719,733073	23.7	14.5	10.3	<1
AQ352	717756,733071	24.4	14.6	10.4	<1
AQ353	717729,733042	24.2	14.6	10.4	<1
AQ354	717571,733317	24.3	14.6	10.4	<1

DS (2024)					
Receptor	Receptor Location (ITM)	Annual Mean Conc. ($\mu\text{g}/\text{m}^3$)			No of PM ₁₀ days > 50 $\mu\text{g}/\text{m}^3$
		NO ₂	PM ₁₀	PM _{2.5}	
AQ355	717588,733351	24.9	14.7	10.4	<1
AQ356	717602,733320	25.1	14.8	10.5	<1
AQ357	717576,733356	25.6	14.8	10.5	<1
AQ358	717671,733237	26.1	14.9	10.6	<1
AQ359	717209,733332	25.0	14.7	10.5	<1
AQ360	717094,733198	23.7	14.5	10.4	<1
AQ361	717062,733199	25.0	14.7	10.5	<1
AQ362	716967,733033	25.9	14.9	10.7	<1
AQ363	716970,733001	26.0	14.8	10.6	<1
AQ364	716841,733039	27.4	14.9	10.6	<1
AQ365	716808,733084	26.3	14.8	10.6	<1
AQ366	717016,733225	24.0	14.6	10.4	<1
AQ367	716993,733246	23.5	14.5	10.3	<1
AQ368	716933,733265	23.3	14.5	10.3	<1
AQ369	716912,733294	23.1	14.5	10.3	<1
AQ370	716932,733309	23.6	14.5	10.4	<1
AQ371	717426,733443	27.0	15.0	10.6	<1
AQ372	717409,733412	24.1	14.6	10.4	<1
AQ373	717243,733527	26.1	14.9	10.5	<1
AQ374	717086,733592	24.2	14.6	10.4	<1
AQ375	716767,733375	24.0	14.6	10.4	<1
AQ376	716773,733398	24.5	14.6	10.5	<1
AQ377	716714,733432	26.0	14.8	10.6	<1
AQ378	716678,733425	25.2	14.7	10.5	<1
AQ379	716659,733243	26.0	14.8	10.5	<1
AQ380	716479,733013	24.9	14.7	10.5	<1
AQ381	716448,733015	24.8	14.7	10.4	<1
AQ382	716443,732949	26.2	14.9	10.6	<1
AQ383	716492,732922	26.3	14.9	10.6	<1
AQ384	716516,732914	25.4	14.8	10.5	<1
AQ385	716487,732910	25.5	14.8	10.5	<1
AQ386	716437,732939	26.0	14.8	10.5	<1
AQ387	716419,732959	25.2	14.7	10.5	<1
AQ388	716372,732821	43.3	17.0	11.9	1
AQ389	716221,732991	40.3	16.9	11.8	1
AQ390	716202,732975	34.9	16.0	11.3	1
AQ391	716188,732996	37.0	16.2	11.4	1
AQ392	716210,733007	43.7	17.2	12.0	1

DS (2024)					
Receptor	Receptor Location (ITM)	Annual Mean Conc. ($\mu\text{g}/\text{m}^3$)			No of PM ₁₀ days > 50 $\mu\text{g}/\text{m}^3$
		NO ₂	PM ₁₀	PM _{2.5}	
AQ393	716326,733088	26.5	14.9	10.6	<1
AQ394	716313,733108	25.8	14.8	10.5	<1
AQ395	716511,733127	23.9	14.6	10.4	<1
AQ396	716366,733211	24.7	14.7	10.4	<1
AQ397	716535,733114	24.1	14.6	10.4	<1
AQ398	716465,733336	32.1	15.7	11.1	1
AQ399	716442,733348	34.0	16.0	11.3	1
AQ400	716462,733370	33.8	16.0	11.2	1
AQ401	716301,733420	44.6	17.3	12.1	1
AQ402	716318,733412	43.0	17.1	12.0	1
AQ403	716308,733403	38.8	16.6	11.6	1
AQ404	716293,733410	39.7	16.7	11.7	1
AQ405	716412,733574	34.3	16.1	11.3	1
AQ406	716072,733165	37.5	16.2	11.4	1
AQ407	716085,733186	43.1	16.9	11.8	1
AQ408	715914,733234	30.4	15.5	10.9	1
AQ409	715741,733307	31.5	15.6	11.0	1
AQ410	715511,733317	40.6	16.6	11.6	1
AQ411	715479,733323	38.1	16.3	11.5	1
AQ412	716732,732960	25.3	14.8	10.5	<1
AQ413	717573,732572	22.5	14.4	10.2	<1
AQ414	717607,732515	22.5	14.4	10.2	<1
AQ415	717801,732809	24.3	14.7	10.4	<1
AQ416	717078,733627	25.1	14.7	10.5	<1
AQ417	717110,733929	37.1	16.4	11.5	1
AQ418	717109,733957	43.0	17.1	11.9	1
AQ419	717134,733956	46.1	17.8	12.4	1
AQ420	716355,732847	38.3	16.3	11.5	1
AQ421	716289,732756	38.6	16.8	11.7	1
AQ422	716311,732813	38.1	16.2	11.4	1
AQ423	715505,733367	41.4	16.9	11.8	1
AQ424	715539,733353	38.9	16.5	11.6	1
AQ425	721442,729180	21.3	14.2	10.1	1
AQ426	720788,729725	21.0	14.2	10.1	1
AQ427	721671,729229	23.4	14.5	10.3	<1
AQ428	721615,729108	20.9	14.2	10.1	1
AQ429	721742,729058	21.0	14.2	10.1	1
AQ430	721416,729314	28.4	15.1	10.7	<1

DS (2024)					
Receptor	Receptor Location (ITM)	Annual Mean Conc. ($\mu\text{g}/\text{m}^3$)			No of PM ₁₀ days > 50 $\mu\text{g}/\text{m}^3$
		NO ₂	PM ₁₀	PM _{2.5}	
AQ431	721325,729384	25.1	14.7	10.4	<1
AQ432	721042,729530	22.8	14.5	10.3	<1
AQ433	716960,732882	24.0	14.5	10.3	<1
AQ434	716920,732809	25.2	14.7	10.4	<1
AQ435	717149,732779	22.3	14.3	10.2	<1
AQ436	716797,733047	25.2	14.7	10.5	<1
AQ437	717034,732955	23.5	14.5	10.3	<1
AQ438	717533,732840	26.2	14.8	10.5	<1
AQ439	716861,732918	24.3	14.6	10.4	<1
AQ440	716775,732983	26.9	14.9	10.6	<1
AQ441	716720,733182	25.6	14.8	10.5	<1
AQ442	716679,733224	27.0	15.0	10.6	<1
AQ443	716671,733112	22.7	14.4	10.3	<1
AQ444	716720,733262	23.5	14.5	10.3	<1
AQ445	716905,733264	23.3	14.5	10.4	<1
AQ446	716749,733499	25.6	14.7	10.6	<1
AQ447	717801,732379	23.1	14.4	10.3	<1
AQ448	717789,732262	22.2	14.3	10.2	<1
AQ449	717740,732373	22.2	14.3	10.2	<1
AQ450	718227,732113	22.0	14.3	10.2	<1
AQ451	718180,732087	22.0	14.3	10.2	<1
AQ452	717638,732604	23.1	14.5	10.3	<1
AQ453	717672,732640	24.4	14.7	10.4	<1
AQ454	717865,732467	27.3	14.9	10.6	<1
AQ455	717969,732460	23.5	14.5	10.3	<1
AQ456	717758,732685	24.6	14.7	10.4	<1
AQ457	717723,732557	29.3	15.2	10.7	<1
AQ458	719803,730809	24.0	14.6	10.4	<1
AQ459	719666,730769	21.0	14.2	10.1	1
AQ460	720050,730265	21.1	14.2	10.1	1
AQ461	719808,730657	23.4	14.6	10.3	<1
AQ462	719603,730973	22.6	14.4	10.2	<1
AQ463	718950,731485	26.3	14.9	10.5	<1
AQ464	720199,729974	21.3	14.2	10.1	1
AQ465	720300,730013	20.8	14.2	10.1	1
AQ466	716793,733099	27.8	15.1	10.8	<1
AQ467	716566,732892	25.0	14.8	10.5	<1
AQ468	716632,733287	28.8	15.0	10.7	<1

DS (2024)					
Receptor	Receptor Location (ITM)	Annual Mean Conc. ($\mu\text{g}/\text{m}^3$)			No of PM ₁₀ days > 50 $\mu\text{g}/\text{m}^3$
		NO ₂	PM ₁₀	PM _{2.5}	
AQ469	716665,733237	27.7	15.1	10.7	<1
AQ470	717793,732770	24.5	14.7	10.4	<1
AQ471	716508,733261	23.2	14.5	10.3	<1
AQ472	717139,732842	22.8	14.4	10.3	<1
AQ473	716891,732794	23.4	14.5	10.3	<1
AQ474	716867,732711	22.8	14.4	10.3	<1
AQ475	717677,732904	23.3	14.5	10.3	<1
AQ476	718174,732126	21.8	14.3	10.2	1
AQ477	717570,732801	24.5	14.6	10.4	<1
AQ478	717726,732769	22.4	14.4	10.2	<1
AQ479	716957,732999	27.7	15.0	10.8	<1
AQ480	716757,732887	25.0	14.8	10.5	<1
AQ481	717104,733065	23.2	14.5	10.4	<1
AQ482	716746,733155	25.6	14.8	10.5	<1
AQ483	716849,733224	22.7	14.4	10.3	<1
AQ484	718932,731338	21.8	14.3	10.2	1
AQ485	718895,731163	25.1	14.8	10.5	<1
AQ486	719292,731183	22.5	14.4	10.2	<1
AQ487	718831,731467	21.9	14.3	10.2	<1
AQ488	719261,731255	24.0	14.6	10.4	<1
AQ489	718993,731150	22.3	14.3	10.2	<1
AQ490	719224,731163	22.8	14.4	10.2	<1
AQ491	719323,731041	20.8	14.2	10.1	1
AQ492	720711,729410	21.9	14.3	10.2	<1
AQ493	721200,728980	21.1	14.2	10.1	1
AQ494	720860,729594	20.7	14.2	10.1	1
AQ495	719591,729559	22.0	14.3	10.2	<1
AQ496	718528,730385	21.5	14.3	10.2	<1
AQ497	719130,729776	21.2	14.2	10.1	1
AQ498	718899,729967	20.9	14.2	10.1	1
AQ499	717497,730435	21.3	14.2	10.2	1
AQ500	718112,730935	24.8	14.8	10.5	<1
AQ501	717457,730653	22.0	14.3	10.2	<1
AQ502	717496,730741	22.7	14.5	10.3	<1
AQ503	719988,729851	20.7	14.1	10.1	1
AQ504	719529,729796	21.6	14.3	10.2	1
AQ505	717562,730811	21.7	14.3	10.2	1
AQ506	717754,731351	31.5	15.3	10.8	<1

DS (2024)					
Receptor	Receptor Location (ITM)	Annual Mean Conc. ($\mu\text{g}/\text{m}^3$)			No of PM ₁₀ days > 50 $\mu\text{g}/\text{m}^3$
		NO ₂	PM ₁₀	PM _{2.5}	
AQ507	717603,731491	23.4	14.5	10.3	<1
AQ508	719095,731996	21.6	14.3	10.2	1
AQ509	718966,732342	21.1	14.2	10.1	1
AQ510	718710,732579	21.1	14.2	10.1	1
AQ511	718807,732805	21.2	14.2	10.1	1
AQ512	718948,732840	21.0	14.2	10.1	1
AQ513	718326,732891	21.4	14.2	10.1	1
AQ514	718081,732941	21.4	14.2	10.1	1
AQ515	718211,732233	23.2	14.5	10.3	<1
AQ516	717217,731824	22.4	14.3	10.2	<1
AQ517	717203,732004	35.2	16.0	11.3	1
AQ518	717074,732044	28.1	15.1	10.7	<1
AQ519	716979,731894	21.5	14.2	10.1	1
AQ520	716860,732265	29.9	15.1	10.7	<1
AQ521	716757,732314	32.9	15.8	11.1	1
AQ522	717173,732292	22.6	14.4	10.2	<1
AQ523	716425,732552	24.6	14.7	10.4	<1
AQ524	716595,732551	24.1	14.6	10.4	<1
AQ525	716691,732779	22.4	14.4	10.2	<1
AQ526	716703,733409	26.2	14.9	10.6	<1
AQ527	716757,733380	25.1	14.7	10.5	<1
AQ528	717356,733135	23.5	14.5	10.3	<1
AQ529	717389,733060	24.8	14.7	10.4	<1
AQ530	717400,733039	24.3	14.7	10.4	<1
AQ531	717045,733078	24.5	14.7	10.6	<1
AQ532	717020,733103	24.7	14.7	10.5	<1
AQ533	717033,733148	25.5	14.8	10.5	<1
AQ534	716992,733100	25.9	14.8	10.6	<1
AQ535	717017,733263	24.7	14.7	10.4	<1
AQ536	717231,733357	26.5	14.9	10.6	<1
AQ537	717304,733460	25.2	14.8	10.5	<1
AQ538	717389,733425	24.7	14.7	10.4	<1
AQ539	717163,733399	29.6	15.3	10.8	<1
AQ540	717145,733376	27.6	15.0	10.7	<1
AQ541	717236,733483	26.7	14.9	10.6	<1
AQ542	717103,733550	23.3	14.5	10.3	<1
AQ543	717180,733558	28.0	15.2	10.8	<1
AQ544	717106,733602	30.0	15.5	10.9	1

DS (2024)					
Receptor	Receptor Location (ITM)	Annual Mean Conc. ($\mu\text{g}/\text{m}^3$)			No of PM_{10} days > $50 \mu\text{g}/\text{m}^3$
		NO_2	PM_{10}	$\text{PM}_{2.5}$	
AQ545	716384,733201	27.1	15.1	10.7	<1
AQ546	716414,733255	26.7	15.0	10.6	<1
AQ547	716404,733281	26.2	14.9	10.6	<1
AQ548	716355,732983	23.6	14.5	10.3	<1
AQ549	716297,732978	24.1	14.6	10.4	<1
AQ550	716321,732946	24.1	14.6	10.4	<1
AQ551	716314,732770	45.6	17.4	12.1	1
AQ552	716214,732835	23.6	14.5	10.3	<1
AQ553	716170,733029	41.6	16.7	11.7	1
AQ554	716306,733095	27.5	15.0	10.6	<1
AQ555	716080,733191	52.8	18.1	12.6	2
AQ556	716435,733378	28.7	15.2	10.7	<1
AQ557	716336,733438	30.0	15.3	10.8	<1
AQ558	716243,733445	32.8	15.6	11.0	1
AQ559	716054,733178	46.2	17.3	12.1	1
AQ560	715958,733213	31.9	15.7	11.1	1
AQ561	715707,733320	42.4	17.0	11.9	1
AQ562	716537,732964	24.0	14.6	10.4	<1
AQ563	719159,731245	22.7	14.4	10.3	<1
AQ564	720598,729334	21.4	14.3	10.2	1
Air Quality Limit Value Objective	40	40	25	35	

In the cumulative 2024 DS scenario annual mean concentrations of NO_2 are above the relevant national air quality limit value objective in some areas; 36 exceedances were modelled at receptors on the R110 Cuffle Street / St. Stephen's Green, the R138 Leeson Street / Morehampton Road / Donnybrook Road / Stillorgan Road, R824 Ailesbury Road, R816 Baggot Street, R118 Pembroke Road and Pearse Street. This is a decrease from 37 exceedances in the DM scenario. Annual mean NO_2 concentrations did not exceed $60 \mu\text{g}/\text{m}^3$, indicating that exceedances of the NO_2 1-hour mean are unlikely to occur. Annual mean PM_{10} concentrations are below the relevant national air quality limit value objective for all modelled receptors. At all receptors, modelling of the maximum 24-hour PM_{10} concentration indicated that there is likely to be no more than three exceedance of the $50 \mu\text{g}/\text{m}^3$ ambient limit value compared to the threshold which allows 35 daily exceedances in any one calendar year. Annual mean $\text{PM}_{2.5}$ concentrations are also below the relevant national air quality limit value objective for all modelled receptors.

1.3 Comparison of Do Something with Do Minimum

Table 1.3 provides the predicted change in and impact on pollutant concentrations, between the cumulative DM and DS in 2024. Pollutant concentrations have been outlined to one decimal place, where '<0.1' is reported, the pollutant concentration is considered to be less than this amount (i.e. two or more decimal places).

Table 1.3: Predicted Changes in Cumulative Construction DM and DS and Impact Significance Criteria At All Modelled Receptor Locations

Receptor	Receptor Location (ITM)	Change in Annual Mean Conc. ($\mu\text{g}/\text{m}^3$)			Change in No of PM_{10} days $> 50 \mu\text{g}/\text{m}^3$	Impact on Annual Mean Conc.		
		NO_2	PM_{10}	$\text{PM}_{2.5}$		NO_2	PM_{10}	$\text{PM}_{2.5}$
AQ1	721010,729635	-2.4	-0.3	-0.2	<1	Negligible	Negligible	Negligible
AQ2	721010,729636	-2.2	-0.3	-0.2	<1	Negligible	Negligible	Negligible
AQ3	721010,729637	-2.9	-0.4	-0.2	<1	Negligible	Negligible	Negligible
AQ4	721010,729638	-0.8	-0.1	-0.1	<1	Negligible	Negligible	Negligible
AQ5	721010,729639	-3.2	-0.7	-0.4	<1	Slight Beneficial	Negligible	Negligible
AQ6	721010,729640	-0.8	-0.2	-0.1	<1	Negligible	Negligible	Negligible
AQ7	721010,729641	-2.6	-0.5	-0.3	<1	Negligible	Negligible	Negligible
AQ8	721010,729642	<0.1	-0.3	-0.2	<1	Negligible	Negligible	Negligible
AQ9	721010,729643	-1.5	-0.6	-0.4	<1	Negligible	Negligible	Negligible
AQ10	721010,729644	1.1	-0.7	-0.4	<1	Negligible	Negligible	Negligible
AQ11	721010,729645	-1.9	-0.7	-0.4	<1	Negligible	Negligible	Negligible
AQ12	721010,729646	-3.8	-0.6	-0.4	<1	Negligible	Negligible	Negligible
AQ13	721010,729647	-3.2	-0.6	-0.4	<1	Slight Beneficial	Negligible	Negligible
AQ14	721010,729648	-3.6	-0.6	-0.4	<1	Slight Beneficial	Negligible	Negligible
AQ15	721010,729649	0.2	-0.2	-0.1	<1	Negligible	Negligible	Negligible
AQ16	721010,729650	-1.7	-0.2	-0.1	<1	Negligible	Negligible	Negligible
AQ17	721010,729651	-0.3	<0.1	<0.1	<1	Negligible	Negligible	Negligible
AQ18	721010,729652	-0.3	<0.1	<0.1	<1	Negligible	Negligible	Negligible
AQ19	721010,729653	-0.2	<0.1	<0.1	<1	Negligible	Negligible	Negligible
AQ20	721010,729654	-0.2	<0.1	<0.1	<1	Negligible	Negligible	Negligible
AQ21	721010,729655	-0.3	<0.1	<0.1	<1	Negligible	Negligible	Negligible
AQ22	721010,729656	-0.9	-0.1	-0.1	<1	Negligible	Negligible	Negligible
AQ23	721010,729657	-0.4	<0.1	<0.1	<1	Negligible	Negligible	Negligible
AQ24	721010,729658	-1.1	-0.1	-0.1	<1	Negligible	Negligible	Negligible
AQ25	721010,729659	-0.6	-0.1	<0.1	<1	Negligible	Negligible	Negligible
AQ26	721010,729660	1.2	0.2	0.1	<1	Slight Adverse	Negligible	Negligible
AQ27	721010,729661	0.4	0.1	<0.1	<1	Negligible	Negligible	Negligible
AQ28	721010,729662	0.5	0.1	<0.1	<1	Negligible	Negligible	Negligible
AQ29	721010,729663	0.4	0.1	<0.1	<1	Negligible	Negligible	Negligible
AQ30	721010,729664	-2.1	-0.3	-0.2	<1	Moderate Beneficial	Negligible	Negligible
AQ31	721010,729665	-0.1	-0.4	-0.3	<1	Negligible	Negligible	Negligible
AQ32	721010,729666	-0.9	-0.7	-0.4	-1	Slight Beneficial	Negligible	Negligible
AQ33	721010,729667	-0.6	-0.2	-0.1	<1	Slight Beneficial	Negligible	Negligible
AQ34	721010,729668	-1.8	-0.3	-0.2	<1	Slight Beneficial	Negligible	Negligible
AQ35	721010,729669	-1.8	-0.6	-0.3	<1	Slight Beneficial	Negligible	Negligible
AQ36	721010,729670	-0.1	<0.1	<0.1	<1	Negligible	Negligible	Negligible

Receptor	Receptor Location (ITM)	Change in Annual Mean Conc. ($\mu\text{g}/\text{m}^3$)			Change in No of PM_{10} days $> 50 \mu\text{g}/\text{m}^3$	Impact on Annual Mean Conc.		
		NO_2	PM_{10}	$\text{PM}_{2.5}$		NO_2	PM_{10}	$\text{PM}_{2.5}$
AQ37	721010,729671	-1.1	-0.2	-0.1	<1	Negligible	Negligible	Negligible
AQ38	721010,729672	-1.1	-0.2	-0.1	<1	Negligible	Negligible	Negligible
AQ39	721010,729673	-1.2	-0.1	-0.1	<1	Negligible	Negligible	Negligible
AQ40	721010,729674	-0.9	-0.1	-0.1	<1	Negligible	Negligible	Negligible
AQ41	721010,729675	-0.6	-0.1	<0.1	<1	Negligible	Negligible	Negligible
AQ42	721010,729676	-0.5	-0.1	<0.1	<1	Negligible	Negligible	Negligible
AQ43	721010,729677	-0.7	-0.1	<0.1	<1	Negligible	Negligible	Negligible
AQ44	721010,729678	-0.3	<0.1	<0.1	<1	Negligible	Negligible	Negligible
AQ45	721010,729679	-1.3	-0.2	-0.1	<1	Negligible	Negligible	Negligible
AQ46	721010,729680	-1.0	-0.2	-0.1	<1	Negligible	Negligible	Negligible
AQ47	721010,729681	-1.2	-0.2	-0.1	<1	Negligible	Negligible	Negligible
AQ48	721010,729682	-1.2	-0.2	-0.1	<1	Slight Beneficial	Negligible	Negligible
AQ49	721010,729683	-3.6	-0.7	-0.4	<1	Slight Beneficial	Negligible	Negligible
AQ50	721010,729684	-1.2	-0.2	-0.1	<1	Negligible	Negligible	Negligible
AQ51	721010,729685	<0.1	<0.1	<0.1	<1	Negligible	Negligible	Negligible
AQ52	721010,729686	-0.1	<0.1	<0.1	<1	Negligible	Negligible	Negligible
AQ53	721010,729687	0.1	<0.1	<0.1	<1	Negligible	Negligible	Negligible
AQ54	721010,729688	-0.6	-0.1	<0.1	<1	Slight Beneficial	Negligible	Negligible
AQ55	721010,729689	-0.9	-0.2	-0.1	<1	Negligible	Negligible	Negligible
AQ56	721010,729690	-1.2	-0.2	-0.1	<1	Negligible	Negligible	Negligible
AQ57	721010,729691	-1.3	-0.2	-0.1	<1	Negligible	Negligible	Negligible
AQ58	721010,729692	-2.6	-0.5	-0.3	<1	Negligible	Negligible	Negligible
AQ59	721010,729693	-3.3	-0.5	-0.3	<1	Slight Beneficial	Negligible	Negligible
AQ60	721010,729694	-1.1	-0.1	-0.1	<1	Negligible	Negligible	Negligible
AQ61	721010,729695	-1.7	-0.2	-0.1	<1	Negligible	Negligible	Negligible
AQ62	721010,729696	-3.3	-0.5	-0.3	<1	Slight Beneficial	Negligible	Negligible
AQ63	721010,729697	-1.7	-0.3	-0.1	<1	Negligible	Negligible	Negligible
AQ64	721010,729698	-2.7	-0.4	-0.3	<1	Negligible	Negligible	Negligible
AQ65	721010,729699	-0.5	-0.1	<0.1	<1	Negligible	Negligible	Negligible
AQ66	721010,729700	-1.3	-0.2	-0.1	<1	Negligible	Negligible	Negligible
AQ67	721010,729701	-2.9	-0.4	-0.3	<1	Negligible	Negligible	Negligible
AQ68	721010,729702	-1.0	-0.2	-0.1	<1	Negligible	Negligible	Negligible
AQ69	721010,729703	-1.9	-0.2	-0.1	<1	Negligible	Negligible	Negligible
AQ70	721010,729704	-2.4	-0.3	-0.2	<1	Negligible	Negligible	Negligible
AQ71	721010,729705	-2.1	-0.5	-0.3	<1	Negligible	Negligible	Negligible
AQ72	721010,729706	-1.7	-0.4	-0.2	<1	Negligible	Negligible	Negligible
AQ73	721010,729707	-2.1	-0.5	-0.3	<1	Negligible	Negligible	Negligible
AQ74	721010,729708	-0.7	-0.1	-0.1	<1	Negligible	Negligible	Negligible

Receptor	Receptor Location (ITM)	Change in Annual Mean Conc. ($\mu\text{g}/\text{m}^3$)			Change in No of PM_{10} days $> 50 \mu\text{g}/\text{m}^3$	Impact on Annual Mean Conc.		
		NO_2	PM_{10}	$\text{PM}_{2.5}$		NO_2	PM_{10}	$\text{PM}_{2.5}$
AQ75	721010,729709	-0.9	-0.1	-0.1	<1	Negligible	Negligible	Negligible
AQ76	721010,729710	-0.9	-0.1	-0.1	<1	Negligible	Negligible	Negligible
AQ77	721010,729711	-0.8	-0.1	-0.1	<1	Negligible	Negligible	Negligible
AQ78	721010,729712	-1.4	-0.2	-0.1	<1	Negligible	Negligible	Negligible
AQ79	721010,729713	-1.3	-0.2	-0.1	<1	Negligible	Negligible	Negligible
AQ80	721010,729714	-0.7	-0.1	-0.1	<1	Negligible	Negligible	Negligible
AQ81	721010,729715	-0.3	<0.1	<0.1	<1	Negligible	Negligible	Negligible
AQ82	721010,729716	-0.6	-0.1	-0.1	<1	Negligible	Negligible	Negligible
AQ83	721010,729717	-0.3	<0.1	<0.1	<1	Negligible	Negligible	Negligible
AQ84	721010,729718	-0.7	-0.1	-0.1	<1	Negligible	Negligible	Negligible
AQ85	721010,729719	0.3	<0.1	<0.1	<1	Negligible	Negligible	Negligible
AQ86	721010,729720	-0.9	-0.1	-0.1	<1	Negligible	Negligible	Negligible
AQ87	721010,729721	-0.5	-0.1	-0.1	<1	Negligible	Negligible	Negligible
AQ88	721010,729722	0.3	<0.1	<0.1	<1	Negligible	Negligible	Negligible
AQ89	721010,729723	0.3	<0.1	<0.1	<1	Negligible	Negligible	Negligible
AQ90	721010,729724	-2.1	-0.3	-0.2	<1	Negligible	Negligible	Negligible
AQ91	721010,729725	-1.6	-0.3	-0.2	<1	Negligible	Negligible	Negligible
AQ92	721010,729726	-1.1	-0.2	-0.1	<1	Negligible	Negligible	Negligible
AQ93	721010,729727	-1.5	-0.2	-0.1	<1	Negligible	Negligible	Negligible
AQ94	721010,729728	-1.7	-0.2	-0.1	<1	Negligible	Negligible	Negligible
AQ95	721010,729729	-1.0	-0.1	-0.1	<1	Negligible	Negligible	Negligible
AQ96	721010,729730	-1.5	-0.2	-0.1	<1	Negligible	Negligible	Negligible
AQ97	721010,729731	-1.0	-0.1	-0.1	<1	Negligible	Negligible	Negligible
AQ98	721010,729732	-0.1	-0.3	-0.2	<1	Negligible	Negligible	Negligible
AQ99	721010,729733	-0.2	-0.1	-0.1	<1	Negligible	Negligible	Negligible
AQ100	721010,729734	-0.9	-0.2	-0.1	<1	Negligible	Negligible	Negligible
AQ101	721010,729735	0.3	<0.1	<0.1	<1	Negligible	Negligible	Negligible
AQ102	721010,729736	0.3	<0.1	<0.1	<1	Negligible	Negligible	Negligible
AQ103	721010,729737	-1.2	-0.2	-0.1	<1	Negligible	Negligible	Negligible
AQ104	721010,729738	-1.8	-0.3	-0.2	<1	Negligible	Negligible	Negligible
AQ105	721010,729739	-1.8	-0.3	-0.2	<1	Negligible	Negligible	Negligible
AQ106	721010,729740	-0.6	-0.1	-0.1	<1	Negligible	Negligible	Negligible
AQ107	721010,729741	-0.8	-0.3	-0.2	<1	Negligible	Negligible	Negligible
AQ108	721010,729742	-0.2	-0.1	<0.1	<1	Negligible	Negligible	Negligible
AQ109	721010,729743	-0.3	<0.1	<0.1	<1	Negligible	Negligible	Negligible
AQ110	721010,729744	-0.1	<0.1	<0.1	<1	Negligible	Negligible	Negligible
AQ111	721010,729745	-0.3	<0.1	<0.1	<1	Negligible	Negligible	Negligible
AQ112	721010,729746	-0.2	<0.1	<0.1	<1	Negligible	Negligible	Negligible

Receptor	Receptor Location (ITM)	Change in Annual Mean Conc. ($\mu\text{g}/\text{m}^3$)			Change in No of PM_{10} days $> 50 \mu\text{g}/\text{m}^3$	Impact on Annual Mean Conc.		
		NO_2	PM_{10}	$\text{PM}_{2.5}$		NO_2	PM_{10}	$\text{PM}_{2.5}$
AQ113	721010,729747	-0.3	-0.1	<0.1	<1	Negligible	Negligible	Negligible
AQ114	721010,729748	-0.2	<0.1	<0.1	<1	Negligible	Negligible	Negligible
AQ115	721010,729749	-0.2	<0.1	<0.1	<1	Negligible	Negligible	Negligible
AQ116	721010,729750	-0.3	<0.1	<0.1	<1	Negligible	Negligible	Negligible
AQ117	721010,729751	-0.3	<0.1	<0.1	<1	Negligible	Negligible	Negligible
AQ118	721010,729752	-0.8	-0.1	-0.1	<1	Negligible	Negligible	Negligible
AQ119	721010,729753	-0.5	-0.1	-0.1	<1	Negligible	Negligible	Negligible
AQ120	721010,729754	<0.1	<0.1	<0.1	<1	Negligible	Negligible	Negligible
AQ121	721010,729755	-0.6	-0.1	-0.1	<1	Negligible	Negligible	Negligible
AQ122	721010,729756	-2.1	-0.3	-0.2	<1	Negligible	Negligible	Negligible
AQ123	721010,729757	-2.4	-0.4	-0.2	<1	Negligible	Negligible	Negligible
AQ124	721010,729758	-0.9	-0.1	-0.1	<1	Negligible	Negligible	Negligible
AQ125	721010,729759	-0.9	-0.1	-0.1	<1	Negligible	Negligible	Negligible
AQ126	721010,729760	-0.8	-0.1	<0.1	<1	Negligible	Negligible	Negligible
AQ127	721010,729761	-2.9	-0.4	<0.1	<1	Moderate Beneficial	Negligible	Negligible
AQ128	721010,729762	-0.3	<0.1	<0.1	<1	Negligible	Negligible	Negligible
AQ129	721010,729763	-1.4	-0.2	-0.1	<1	Negligible	Negligible	Negligible
AQ130	721010,729764	0.2	<0.1	<0.1	<1	Negligible	Negligible	Negligible
AQ131	721010,729765	-0.8	-0.1	-0.1	<1	Negligible	Negligible	Negligible
AQ132	721010,729766	-0.6	-0.1	<0.1	<1	Negligible	Negligible	Negligible
AQ133	721010,729767	0.5	0.1	0.1	<1	Negligible	Negligible	Negligible
AQ134	721010,729768	-0.1	<0.1	<0.1	<1	Negligible	Negligible	Negligible
AQ135	721010,729769	-2.4	-0.4	-0.2	<1	Negligible	Negligible	Negligible
AQ136	721010,729770	-0.8	-0.1	-0.1	<1	Negligible	Negligible	Negligible
AQ137	721010,729771	-1.9	-0.3	-0.2	<1	Negligible	Negligible	Negligible
AQ138	721010,729772	-4.2	-0.6	-0.1	<1	Substantial Beneficial	Negligible	Negligible
AQ139	721010,729773	-3.2	-0.4	-0.1	<1	Moderate Beneficial	Negligible	Negligible
AQ140	721010,729774	-0.7	-0.1	<0.1	<1	Negligible	Negligible	Negligible
AQ141	721010,729775	0.2	<0.1	<0.1	<1	Negligible	Negligible	Negligible
AQ142	721010,729776	-3.2	-0.4	-0.3	<1	Negligible	Negligible	Negligible
AQ143	721010,729777	-3.4	-0.5	-0.3	<1	Negligible	Negligible	Negligible
AQ144	721010,729778	-3.5	-0.5	-0.3	<1	Negligible	Negligible	Negligible
AQ145	721010,729779	-2.5	-0.4	-0.3	<1	Negligible	Negligible	Negligible
AQ146	721010,729780	-0.1	<0.1	<0.1	<1	Negligible	Negligible	Negligible
AQ147	721010,729781	-0.2	<0.1	<0.1	<1	Negligible	Negligible	Negligible
AQ148	721010,729782	-0.3	-0.1	<0.1	<1	Negligible	Negligible	Negligible
AQ149	721010,729783	-0.5	-0.1	<0.1	<1	Negligible	Negligible	Negligible
AQ150	721010,729784	-2.0	-0.3	-0.2	<1	Negligible	Negligible	Negligible

Receptor	Receptor Location (ITM)	Change in Annual Mean Conc. ($\mu\text{g}/\text{m}^3$)			Change in No of PM_{10} days $> 50 \mu\text{g}/\text{m}^3$	Impact on Annual Mean Conc.		
		NO_2	PM_{10}	$\text{PM}_{2.5}$		NO_2	PM_{10}	$\text{PM}_{2.5}$
AQ151	721010,729785	-1.0	-0.2	-0.1	<1	Negligible	Negligible	Negligible
AQ152	721010,729786	-0.2	<0.1	<0.1	<1	Negligible	Negligible	Negligible
AQ153	721010,729787	-0.3	-0.1	<0.1	<1	Negligible	Negligible	Negligible
AQ154	721010,729788	-0.2	-0.1	<0.1	<1	Negligible	Negligible	Negligible
AQ155	721010,729789	-1.3	-0.2	-0.1	<1	Negligible	Negligible	Negligible
AQ156	721010,729790	0.2	<0.1	<0.1	<1	Negligible	Negligible	Negligible
AQ157	721010,729791	0.1	<0.1	<0.1	<1	Negligible	Negligible	Negligible
AQ158	721010,729792	0.2	<0.1	0.1	<1	Negligible	Negligible	Negligible
AQ159	721010,729793	-0.1	<0.1	<0.1	<1	Negligible	Negligible	Negligible
AQ160	721010,729794	-0.1	<0.1	<0.1	<1	Negligible	Negligible	Negligible
AQ161	721010,729795	-0.3	-0.1	<0.1	<1	Negligible	Negligible	Negligible
AQ162	721010,729796	0.5	0.1	0.1	<1	Negligible	Negligible	Negligible
AQ163	721010,729797	0.2	<0.1	0.1	<1	Negligible	Negligible	Negligible
AQ164	721010,729798	0.3	<0.1	0.1	<1	Negligible	Negligible	Negligible
AQ165	721010,729799	0.8	0.1	0.1	<1	Negligible	Negligible	Negligible
AQ166	721010,729800	0.4	0.1	0.1	<1	Negligible	Negligible	Negligible
AQ167	721010,729801	0.1	<0.1	<0.1	<1	Negligible	Negligible	Negligible
AQ168	721010,729802	0.5	0.1	0.1	<1	Negligible	Negligible	Negligible
AQ169	721010,729803	0.5	0.1	0.2	<1	Negligible	Negligible	Negligible
AQ170	721010,729804	0.5	0.1	0.2	<1	Negligible	Negligible	Negligible
AQ171	721010,729805	0.3	0.1	0.1	<1	Negligible	Negligible	Negligible
AQ172	721010,729806	0.5	0.1	0.1	<1	Negligible	Negligible	Negligible
AQ173	721010,729807	0.5	0.1	0.1	<1	Negligible	Negligible	Negligible
AQ174	721010,729808	-1.2	-0.1	-0.1	<1	Negligible	Negligible	Negligible
AQ175	721010,729809	-0.8	-0.1	-0.1	<1	Negligible	Negligible	Negligible
AQ176	721010,729810	0.1	<0.1	<0.1	<1	Negligible	Negligible	Negligible
AQ177	721010,729811	-0.4	-0.1	<0.1	<1	Negligible	Negligible	Negligible
AQ178	721010,729812	-3.8	-0.6	-0.3	<1	Slight Beneficial	Negligible	Negligible
AQ179	721010,729813	0.1	<0.1	0.1	<1	Negligible	Negligible	Negligible
AQ180	721010,729814	0.2	<0.1	0.1	<1	Negligible	Negligible	Negligible
AQ181	721010,729815	0.1	<0.1	0.2	<1	Negligible	Negligible	Negligible
AQ182	721010,729816	0.1	<0.1	<0.1	<1	Negligible	Negligible	Negligible
AQ183	721010,729817	0.5	0.1	0.1	<1	Negligible	Negligible	Negligible
AQ184	721010,729818	0.4	0.1	<0.1	<1	Negligible	Negligible	Negligible
AQ185	721010,729819	0.8	0.1	0.1	<1	Negligible	Negligible	Negligible
AQ186	721010,729820	0.1	<0.1	<0.1	<1	Negligible	Negligible	Negligible
AQ187	721010,729821	0.2	<0.1	<0.1	<1	Negligible	Negligible	Negligible
AQ188	721010,729822	1.0	0.1	0.1	<1	Slight Adverse	Negligible	Negligible

Receptor	Receptor Location (ITM)	Change in Annual Mean Conc. ($\mu\text{g}/\text{m}^3$)			Change in No of PM_{10} days $> 50 \mu\text{g}/\text{m}^3$	Impact on Annual Mean Conc.		
		NO_2	PM_{10}	$\text{PM}_{2.5}$		NO_2	PM_{10}	$\text{PM}_{2.5}$
AQ189	721010,729823	-0.1	<0.1	<0.1	<1	Negligible	Negligible	Negligible
AQ190	721010,729824	0.1	<0.1	<0.1	<1	Negligible	Negligible	Negligible
AQ191	721010,729825	0.1	<0.1	<0.1	<1	Negligible	Negligible	Negligible
AQ192	721010,729826	0.1	<0.1	<0.1	<1	Negligible	Negligible	Negligible
AQ193	721010,729827	0.2	<0.1	<0.1	<1	Negligible	Negligible	Negligible
AQ194	721010,729828	0.4	0.1	<0.1	<1	Negligible	Negligible	Negligible
AQ195	721010,729829	0.8	0.1	0.1	<1	Negligible	Negligible	Negligible
AQ196	721010,729830	0.2	<0.1	<0.1	<1	Negligible	Negligible	Negligible
AQ197	721010,729831	0.2	<0.1	<0.1	<1	Negligible	Negligible	Negligible
AQ198	721010,729832	0.5	0.1	<0.1	<1	Negligible	Negligible	Negligible
AQ199	721010,729833	0.7	0.1	0.1	<1	Negligible	Negligible	Negligible
AQ200	721010,729834	0.7	0.1	0.1	<1	Negligible	Negligible	Negligible
AQ201	721010,729835	0.7	0.1	0.1	<1	Negligible	Negligible	Negligible
AQ202	721010,729836	0.9	0.2	0.1	<1	Slight Adverse	Negligible	Negligible
AQ203	721010,729837	0.6	0.1	0.1	<1	Negligible	Negligible	Negligible
AQ204	721010,729838	-1.3	-0.1	-0.1	<1	Negligible	Negligible	Negligible
AQ205	721010,729839	0.7	0.1	0.1	<1	Negligible	Negligible	Negligible
AQ206	721010,729840	0.8	0.1	0.1	<1	Negligible	Negligible	Negligible
AQ207	721010,729841	0.4	0.1	<0.1	<1	Negligible	Negligible	Negligible
AQ208	721010,729842	0.7	0.1	0.1	<1	Negligible	Negligible	Negligible
AQ209	721010,729843	0.4	0.1	0.1	<1	Negligible	Negligible	Negligible
AQ210	721010,729844	0.4	0.1	0.1	<1	Negligible	Negligible	Negligible
AQ211	721010,729845	<0.1	<0.1	0.1	<1	Negligible	Negligible	Negligible
AQ212	721010,729846	0.1	<0.1	<0.1	<1	Negligible	Negligible	Negligible
AQ213	721010,729847	0.1	<0.1	<0.1	<1	Negligible	Negligible	Negligible
AQ214	721010,729848	0.1	<0.1	<0.1	<1	Negligible	Negligible	Negligible
AQ215	721010,729849	<0.1	<0.1	<0.1	<1	Negligible	Negligible	Negligible
AQ216	721010,729850	-0.1	<0.1	<0.1	<1	Negligible	Negligible	Negligible
AQ217	721010,729851	-0.1	<0.1	<0.1	<1	Negligible	Negligible	Negligible
AQ218	721010,729852	-0.1	<0.1	<0.1	<1	Negligible	Negligible	Negligible
AQ219	721010,729853	-0.1	<0.1	<0.1	<1	Negligible	Negligible	Negligible
AQ220	721010,729854	-0.1	<0.1	<0.1	<1	Negligible	Negligible	Negligible
AQ221	721010,729855	0.1	<0.1	<0.1	<1	Negligible	Negligible	Negligible
AQ222	721010,729856	-0.1	<0.1	<0.1	<1	Negligible	Negligible	Negligible
AQ223	721010,729857	-0.2	<0.1	<0.1	<1	Negligible	Negligible	Negligible
AQ224	721010,729858	-0.2	<0.1	<0.1	<1	Negligible	Negligible	Negligible
AQ225	721010,729859	-0.1	<0.1	<0.1	<1	Negligible	Negligible	Negligible
AQ226	721010,729860	-0.1	<0.1	<0.1	<1	Negligible	Negligible	Negligible

Receptor	Receptor Location (ITM)	Change in Annual Mean Conc. ($\mu\text{g}/\text{m}^3$)			Change in No of PM_{10} days $> 50 \mu\text{g}/\text{m}^3$	Impact on Annual Mean Conc.		
		NO_2	PM_{10}	$\text{PM}_{2.5}$		NO_2	PM_{10}	$\text{PM}_{2.5}$
AQ227	721010,729861	-0.2	<0.1	<0.1	<1	Negligible	Negligible	Negligible
AQ228	721010,729862	-0.1	<0.1	<0.1	<1	Negligible	Negligible	Negligible
AQ229	721010,729863	-0.2	<0.1	<0.1	<1	Negligible	Negligible	Negligible
AQ230	721010,729864	-0.1	<0.1	<0.1	<1	Negligible	Negligible	Negligible
AQ231	721010,729865	-0.1	<0.1	<0.1	<1	Negligible	Negligible	Negligible
AQ232	721010,729866	-0.1	<0.1	<0.1	<1	Negligible	Negligible	Negligible
AQ233	721010,729867	-0.1	<0.1	<0.1	<1	Negligible	Negligible	Negligible
AQ234	721010,729868	-0.2	<0.1	<0.1	<1	Negligible	Negligible	Negligible
AQ235	721010,729869	-0.6	-0.1	<0.1	<1	Negligible	Negligible	Negligible
AQ236	721010,729870	-1.3	-0.1	-0.1	<1	Negligible	Negligible	Negligible
AQ237	721010,729871	0.2	<0.1	<0.1	<1	Negligible	Negligible	Negligible
AQ238	721010,729872	0.1	<0.1	<0.1	<1	Negligible	Negligible	Negligible
AQ239	721010,729873	0.1	<0.1	<0.1	<1	Negligible	Negligible	Negligible
AQ240	721010,729874	0.1	<0.1	<0.1	<1	Negligible	Negligible	Negligible
AQ241	721010,729875	0.2	<0.1	<0.1	<1	Negligible	Negligible	Negligible
AQ242	721010,729876	-0.1	<0.1	<0.1	<1	Negligible	Negligible	Negligible
AQ243	721010,729877	-0.1	<0.1	<0.1	<1	Negligible	Negligible	Negligible
AQ244	721010,729878	0.2	<0.1	<0.1	<1	Negligible	Negligible	Negligible
AQ245	721010,729879	0.5	0.1	0.2	<1	Negligible	Negligible	Negligible
AQ246	721010,729880	0.2	<0.1	0.1	<1	Negligible	Negligible	Negligible
AQ247	721010,729881	0.2	<0.1	0.1	<1	Negligible	Negligible	Negligible
AQ248	721010,729882	0.3	<0.1	0.1	<1	Negligible	Negligible	Negligible
AQ249	721010,729883	0.4	0.1	0.1	<1	Negligible	Negligible	Negligible
AQ250	721010,729884	0.5	0.1	0.2	<1	Negligible	Negligible	Negligible
AQ251	721010,729885	0.3	<0.1	0.1	<1	Negligible	Negligible	Negligible
AQ252	721010,729886	0.8	0.1	0.3	<1	Negligible	Negligible	Negligible
AQ253	721010,729887	0.3	<0.1	0.1	<1	Negligible	Negligible	Negligible
AQ254	721010,729888	0.3	<0.1	0.1	<1	Negligible	Negligible	Negligible
AQ255	721010,729889	<0.1	<0.1	<0.1	<1	Negligible	Negligible	Negligible
AQ256	721010,729890	0.1	<0.1	0.1	<1	Negligible	Negligible	Negligible
AQ257	721010,729891	0.6	0.1	0.1	<1	Negligible	Negligible	Negligible
AQ258	721010,729892	0.2	<0.1	<0.1	<1	Negligible	Negligible	Negligible
AQ259	721010,729893	0.4	0.1	0.1	<1	Negligible	Negligible	Negligible
AQ260	721010,729894	0.1	<0.1	0.1	<1	Negligible	Negligible	Negligible
AQ261	721010,729895	-0.6	-0.1	<0.1	<1	Negligible	Negligible	Negligible
AQ262	721010,729896	-0.4	-0.1	<0.1	<1	Negligible	Negligible	Negligible
AQ263	721010,729897	0.1	<0.1	<0.1	<1	Negligible	Negligible	Negligible
AQ264	721010,729898	<0.1	<0.1	<0.1	<1	Negligible	Negligible	Negligible

Receptor	Receptor Location (ITM)	Change in Annual Mean Conc. ($\mu\text{g}/\text{m}^3$)			Change in No of PM_{10} days $> 50 \mu\text{g}/\text{m}^3$	Impact on Annual Mean Conc.		
		NO_2	PM_{10}	$\text{PM}_{2.5}$		NO_2	PM_{10}	$\text{PM}_{2.5}$
AQ265	721010,729899	<0.1	<0.1	<0.1	<1	Negligible	Negligible	Negligible
AQ266	721010,729900	-0.4	-0.1	<0.1	<1	Negligible	Negligible	Negligible
AQ267	721010,729901	-0.2	<0.1	<0.1	<1	Negligible	Negligible	Negligible
AQ268	721010,729902	-0.4	-0.1	<0.1	<1	Negligible	Negligible	Negligible
AQ269	721010,729903	<0.1	<0.1	<0.1	<1	Negligible	Negligible	Negligible
AQ270	721010,729904	-0.3	-0.3	-0.2	<1	Negligible	Negligible	Negligible
AQ271	721010,729905	0.1	<0.1	<0.1	<1	Negligible	Negligible	Negligible
AQ272	721010,729906	0.1	<0.1	<0.1	<1	Negligible	Negligible	Negligible
AQ273	721010,729907	0.1	<0.1	0.1	<1	Negligible	Negligible	Negligible
AQ274	721010,729908	0.1	<0.1	<0.1	<1	Negligible	Negligible	Negligible
AQ275	721010,729909	0.1	<0.1	<0.1	<1	Negligible	Negligible	Negligible
AQ276	721010,729910	0.5	0.1	0.1	<1	Negligible	Negligible	Negligible
AQ277	721010,729911	0.3	<0.1	<0.1	<1	Negligible	Negligible	Negligible
AQ278	721010,729912	0.1	<0.1	<0.1	<1	Negligible	Negligible	Negligible
AQ279	721010,729913	0.5	0.1	<0.1	<1	Negligible	Negligible	Negligible
AQ280	721010,729914	0.8	0.1	0.1	<1	Negligible	Negligible	Negligible
AQ281	721010,729915	-0.5	-0.1	<0.1	<1	Negligible	Negligible	Negligible
AQ282	721010,729916	1.2	0.1	0.1	<1	Slight Adverse	Negligible	Negligible
AQ283	721010,729917	0.4	<0.1	<0.1	<1	Negligible	Negligible	Negligible
AQ284	721010,729918	0.2	<0.1	<0.1	<1	Negligible	Negligible	Negligible
AQ285	721010,729919	0.1	<0.1	0.1	<1	Negligible	Negligible	Negligible
AQ286	721010,729920	<0.1	<0.1	<0.1	<1	Negligible	Negligible	Negligible
AQ287	721010,729921	0.1	<0.1	<0.1	<1	Negligible	Negligible	Negligible
AQ288	721010,729922	-0.3	<0.1	<0.1	<1	Negligible	Negligible	Negligible
AQ289	721010,729923	0.5	0.1	<0.1	<1	Negligible	Negligible	Negligible
AQ290	721010,729924	0.7	0.1	0.1	<1	Slight Adverse	Negligible	Negligible
AQ291	721010,729925	0.8	0.1	0.1	<1	Negligible	Negligible	Negligible
AQ292	721010,729926	1.5	0.2	0.1	<1	Slight Adverse	Negligible	Negligible
AQ293	721010,729927	0.4	0.1	<0.1	<1	Negligible	Negligible	Negligible
AQ294	721010,729928	0.5	<0.1	<0.1	<1	Negligible	Negligible	Negligible
AQ295	721010,729929	0.6	<0.1	<0.1	<1	Slight Adverse	Negligible	Negligible
AQ296	721010,729930	0.3	<0.1	<0.1	<1	Negligible	Negligible	Negligible
AQ297	721010,729931	0.9	0.1	0.1	<1	Slight Adverse	Negligible	Negligible
AQ298	721010,729932	0.6	0.1	<0.1	<1	Negligible	Negligible	Negligible
AQ299	721010,729933	0.2	<0.1	<0.1	<1	Negligible	Negligible	Negligible
AQ300	721010,729934	1.3	0.1	0.1	<1	Slight Adverse	Negligible	Negligible
AQ301	721010,729935	1.5	0.1	0.1	<1	Slight Adverse	Negligible	Negligible
AQ302	721010,729936	1.0	0.1	<0.1	<1	Negligible	Negligible	Negligible

Receptor	Receptor Location (ITM)	Change in Annual Mean Conc. ($\mu\text{g}/\text{m}^3$)			Change in No of PM_{10} days $> 50 \mu\text{g}/\text{m}^3$	Impact on Annual Mean Conc.		
		NO_2	PM_{10}	$\text{PM}_{2.5}$		NO_2	PM_{10}	$\text{PM}_{2.5}$
AQ303	721010,729937	1.3	0.1	0.1	<1	Slight Adverse	Negligible	Negligible
AQ304	721010,729938	1.7	0.1	0.1	<1	Slight Adverse	Negligible	Negligible
AQ305	721010,729939	1.7	0.1	0.1	<1	Slight Adverse	Negligible	Negligible
AQ306	721010,729940	1.1	0.1	<0.1	<1	Slight Adverse	Negligible	Negligible
AQ307	721010,729941	0.5	<0.1	<0.1	<1	Slight Adverse	Negligible	Negligible
AQ308	721010,729942	-0.1	<0.1	<0.1	<1	Negligible	Negligible	Negligible
AQ309	721010,729943	<0.1	<0.1	<0.1	<1	Negligible	Negligible	Negligible
AQ310	721010,729944	-0.1	<0.1	<0.1	<1	Negligible	Negligible	Negligible
AQ311	721010,729945	0.4	<0.1	<0.1	<1	Negligible	Negligible	Negligible
AQ312	721010,729946	0.5	0.1	<0.1	<1	Negligible	Negligible	Negligible
AQ313	721010,729947	0.2	<0.1	<0.1	<1	Negligible	Negligible	Negligible
AQ314	721010,729948	1.0	0.1	0.1	<1	Negligible	Negligible	Negligible
AQ315	721010,729949	0.6	0.1	<0.1	<1	Negligible	Negligible	Negligible
AQ316	721010,729950	1.4	0.2	0.1	<1	Negligible	Negligible	Negligible
AQ317	721010,729951	2.0	0.3	0.2	<1	Slight Adverse	Negligible	Negligible
AQ318	721010,729952	1.6	0.2	0.2	<1	Slight Adverse	Negligible	Negligible
AQ319	721010,729953	1.9	0.3	0.2	<1	Slight Adverse	Negligible	Negligible
AQ320	721010,729954	-0.2	<0.1	<0.1	<1	Negligible	Negligible	Negligible
AQ321	721010,729955	2.3	0.4	0.3	<1	Moderate Adverse	Negligible	Negligible
AQ322	721010,729956	1.7	0.2	0.2	<1	Slight Adverse	Negligible	Negligible
AQ323	721010,729957	2.0	0.3	0.2	<1	Slight Adverse	Negligible	Negligible
AQ324	721010,729958	1.3	0.2	0.1	<1	Slight Adverse	Negligible	Negligible
AQ325	721010,729959	1.6	0.2	0.2	<1	Negligible	Negligible	Negligible
AQ326	721010,729960	1.0	0.1	0.1	<1	Negligible	Negligible	Negligible
AQ327	721010,729961	1.5	0.2	0.2	<1	Negligible	Negligible	Negligible
AQ328	721010,729962	<0.1	<0.1	<0.1	<1	Negligible	Negligible	Negligible
AQ329	721010,729963	-0.7	-0.1	<0.1	<1	Negligible	Negligible	Negligible
AQ330	721010,729964	-0.1	<0.1	<0.1	<1	Negligible	Negligible	Negligible
AQ331	721010,729965	<0.1	<0.1	<0.1	<1	Negligible	Negligible	Negligible
AQ332	721010,729966	-0.1	<0.1	<0.1	<1	Negligible	Negligible	Negligible
AQ333	721010,729967	-0.1	<0.1	<0.1	<1	Negligible	Negligible	Negligible
AQ334	721010,729968	-0.2	<0.1	<0.1	<1	Negligible	Negligible	Negligible
AQ335	721010,729969	-0.1	<0.1	<0.1	<1	Negligible	Negligible	Negligible
AQ336	721010,729970	0.1	<0.1	<0.1	<1	Negligible	Negligible	Negligible
AQ337	721010,729971	-0.1	<0.1	<0.1	<1	Negligible	Negligible	Negligible
AQ338	721010,729972	-0.2	<0.1	<0.1	<1	Negligible	Negligible	Negligible
AQ339	721010,729973	-0.1	<0.1	<0.1	<1	Negligible	Negligible	Negligible
AQ340	721010,729974	-0.1	<0.1	<0.1	<1	Negligible	Negligible	Negligible

Receptor	Receptor Location (ITM)	Change in Annual Mean Conc. ($\mu\text{g}/\text{m}^3$)			Change in No of PM_{10} days $> 50 \mu\text{g}/\text{m}^3$	Impact on Annual Mean Conc.		
		NO_2	PM_{10}	$\text{PM}_{2.5}$		NO_2	PM_{10}	$\text{PM}_{2.5}$
AQ341	721010,729975	-0.1	<0.1	<0.1	<1	Negligible	Negligible	Negligible
AQ342	721010,729976	-0.1	<0.1	<0.1	<1	Negligible	Negligible	Negligible
AQ343	721010,729977	-0.1	<0.1	<0.1	<1	Negligible	Negligible	Negligible
AQ344	721010,729978	-0.1	<0.1	<0.1	<1	Negligible	Negligible	Negligible
AQ345	721010,729979	0.1	<0.1	<0.1	<1	Negligible	Negligible	Negligible
AQ346	721010,729980	<0.1	<0.1	0.1	<1	Negligible	Negligible	Negligible
AQ347	721010,729981	<0.1	<0.1	0.1	<1	Negligible	Negligible	Negligible
AQ348	721010,729982	-0.1	<0.1	0.2	<1	Negligible	Negligible	Negligible
AQ349	721010,729983	-0.1	<0.1	0.2	<1	Negligible	Negligible	Negligible
AQ350	721010,729984	0.2	<0.1	0.1	<1	Negligible	Negligible	Negligible
AQ351	721010,729985	0.4	0.1	0.1	<1	Negligible	Negligible	Negligible
AQ352	721010,729986	0.6	0.1	0.1	<1	Negligible	Negligible	Negligible
AQ353	721010,729987	0.5	0.1	0.1	<1	Negligible	Negligible	Negligible
AQ354	721010,729988	0.6	0.1	0.1	<1	Negligible	Negligible	Negligible
AQ355	721010,729989	0.7	0.1	0.1	<1	Negligible	Negligible	Negligible
AQ356	721010,729990	0.8	0.1	0.1	<1	Negligible	Negligible	Negligible
AQ357	721010,729991	0.8	0.1	0.1	<1	Negligible	Negligible	Negligible
AQ358	721010,729992	1.1	0.1	0.1	<1	Negligible	Negligible	Negligible
AQ359	721010,729993	<0.1	<0.1	0.1	<1	Negligible	Negligible	Negligible
AQ360	721010,729994	<0.1	<0.1	<0.1	<1	Negligible	Negligible	Negligible
AQ361	721010,729995	<0.1	<0.1	<0.1	<1	Negligible	Negligible	Negligible
AQ362	721010,729996	0.2	<0.1	0.2	<1	Negligible	Negligible	Negligible
AQ363	721010,729997	0.4	0.1	0.2	<1	Negligible	Negligible	Negligible
AQ364	721010,729998	-0.9	-0.1	<0.1	<1	Negligible	Negligible	Negligible
AQ365	721010,729999	-0.6	-0.1	<0.1	<1	Negligible	Negligible	Negligible
AQ366	721010,730000	0.2	<0.1	0.1	<1	Negligible	Negligible	Negligible
AQ367	721010,730001	0.2	<0.1	0.1	<1	Negligible	Negligible	Negligible
AQ368	721010,730002	0.2	<0.1	0.1	<1	Negligible	Negligible	Negligible
AQ369	721010,730003	0.2	<0.1	0.1	<1	Negligible	Negligible	Negligible
AQ370	721010,730004	0.3	<0.1	0.1	<1	Negligible	Negligible	Negligible
AQ371	721010,730005	0.8	0.1	0.2	<1	Negligible	Negligible	Negligible
AQ372	721010,730006	0.4	<0.1	0.1	<1	Negligible	Negligible	Negligible
AQ373	721010,730007	-0.1	<0.1	<0.1	<1	Negligible	Negligible	Negligible
AQ374	721010,730008	<0.1	<0.1	<0.1	<1	Negligible	Negligible	Negligible
AQ375	721010,730009	0.1	<0.1	0.1	<1	Negligible	Negligible	Negligible
AQ376	721010,730010	0.2	<0.1	0.1	<1	Negligible	Negligible	Negligible
AQ377	721010,730011	0.3	<0.1	0.1	<1	Negligible	Negligible	Negligible
AQ378	721010,730012	0.2	<0.1	0.1	<1	Negligible	Negligible	Negligible

Receptor	Receptor Location (ITM)	Change in Annual Mean Conc. ($\mu\text{g}/\text{m}^3$)			Change in No of PM_{10} days $> 50 \mu\text{g}/\text{m}^3$	Impact on Annual Mean Conc.		
		NO_2	PM_{10}	$\text{PM}_{2.5}$		NO_2	PM_{10}	$\text{PM}_{2.5}$
AQ379	721010,730013	-0.4	-0.1	<0.1	<1	Negligible	Negligible	Negligible
AQ380	721010,730014	-0.4	-0.1	<0.1	<1	Negligible	Negligible	Negligible
AQ381	721010,730015	-0.5	-0.1	<0.1	<1	Negligible	Negligible	Negligible
AQ382	721010,730016	-0.7	-0.1	<0.1	<1	Negligible	Negligible	Negligible
AQ383	721010,730017	-1.3	-0.2	-0.1	<1	Negligible	Negligible	Negligible
AQ384	721010,730018	-0.8	-0.1	-0.1	<1	Negligible	Negligible	Negligible
AQ385	721010,730019	-0.9	-0.1	-0.1	<1	Negligible	Negligible	Negligible
AQ386	721010,730020	-0.4	<0.1	<0.1	<1	Negligible	Negligible	Negligible
AQ387	721010,730021	-0.2	<0.1	<0.1	<1	Negligible	Negligible	Negligible
AQ388	721010,730022	1.2	0.2	0.1	<1	Slight Adverse	Negligible	Negligible
AQ389	721010,730023	0.4	0.1	0.1	<1	Slight Adverse	Negligible	Negligible
AQ390	721010,730024	0.4	0.1	0.1	<1	Negligible	Negligible	Negligible
AQ391	721010,730025	-0.1	<0.1	<0.1	<1	Negligible	Negligible	Negligible
AQ392	721010,730026	-0.5	-0.1	<0.1	<1	Slight Beneficial	Negligible	Negligible
AQ393	721010,730027	-0.6	-0.1	<0.1	<1	Negligible	Negligible	Negligible
AQ394	721010,730028	-0.3	<0.1	<0.1	<1	Negligible	Negligible	Negligible
AQ395	721010,730029	<0.1	<0.1	<0.1	<1	Negligible	Negligible	Negligible
AQ396	721010,730030	<0.1	<0.1	<0.1	<1	Negligible	Negligible	Negligible
AQ397	721010,730031	<0.1	<0.1	<0.1	<1	Negligible	Negligible	Negligible
AQ398	721010,730032	-0.2	<0.1	<0.1	<1	Negligible	Negligible	Negligible
AQ399	721010,730033	-0.3	-0.1	<0.1	<1	Negligible	Negligible	Negligible
AQ400	721010,730034	-0.7	-0.1	-0.1	<1	Negligible	Negligible	Negligible
AQ401	721010,730035	0.3	0.1	<0.1	<1	Negligible	Negligible	Negligible
AQ402	721010,730036	<0.1	<0.1	<0.1	<1	Negligible	Negligible	Negligible
AQ403	721010,730037	0.2	<0.1	<0.1	<1	Negligible	Negligible	Negligible
AQ404	721010,730038	0.3	<0.1	<0.1	<1	Negligible	Negligible	Negligible
AQ405	721010,730039	0.8	0.1	0.1	<1	Negligible	Negligible	Negligible
AQ406	721010,730040	-0.7	-0.1	-0.1	<1	Slight Beneficial	Negligible	Negligible
AQ407	721010,730041	-0.9	-0.1	-0.1	<1	Slight Beneficial	Negligible	Negligible
AQ408	721010,730042	-0.3	<0.1	<0.1	<1	Negligible	Negligible	Negligible
AQ409	721010,730043	-0.3	<0.1	<0.1	<1	Negligible	Negligible	Negligible
AQ410	721010,730044	-0.6	-0.1	<0.1	<1	Slight Beneficial	Negligible	Negligible
AQ411	721010,730045	-0.4	-0.1	<0.1	<1	Slight Beneficial	Negligible	Negligible
AQ412	721010,730046	-0.8	-0.1	-0.1	<1	Negligible	Negligible	Negligible
AQ413	721010,730047	-0.3	<0.1	<0.1	<1	Negligible	Negligible	Negligible
AQ414	721010,730048	-0.2	<0.1	<0.1	<1	Negligible	Negligible	Negligible
AQ415	721010,730049	0.3	<0.1	<0.1	<1	Negligible	Negligible	Negligible
AQ416	721010,730050	0.1	<0.1	<0.1	<1	Negligible	Negligible	Negligible

Receptor	Receptor Location (ITM)	Change in Annual Mean Conc. ($\mu\text{g}/\text{m}^3$)			Change in No of PM_{10} days $> 50 \mu\text{g}/\text{m}^3$	Impact on Annual Mean Conc.		
		NO_2	PM_{10}	$\text{PM}_{2.5}$		NO_2	PM_{10}	$\text{PM}_{2.5}$
AQ417	721010,730051	<0.1	<0.1	<0.1	<1	Negligible	Negligible	Negligible
AQ418	721010,730052	0.4	<0.1	<0.1	<1	Negligible	Negligible	Negligible
AQ419	721010,730053	-0.2	-0.1	<0.1	<1	Negligible	Negligible	Negligible
AQ420	721010,730054	1.1	0.1	0.1	<1	Slight Adverse	Negligible	Negligible
AQ421	721010,730055	0.5	0.1	0.1	<1	Slight Adverse	Negligible	Negligible
AQ422	721010,730056	1.4	0.1	0.1	<1	Slight Adverse	Negligible	Negligible
AQ423	721010,730057	-0.7	-0.1	-0.1	<1	Slight Beneficial	Negligible	Negligible
AQ424	721010,730058	-0.7	-0.1	-0.1	<1	Slight Beneficial	Negligible	Negligible
AQ425	721010,730059	-0.4	-0.1	<0.1	<1	Negligible	Negligible	Negligible
AQ426	721010,730060	-0.2	<0.1	<0.1	<1	Negligible	Negligible	Negligible
AQ427	721010,730061	-1.3	-0.2	-0.1	<1	Negligible	Negligible	Negligible
AQ428	721010,730062	-0.3	-0.1	<0.1	<1	Negligible	Negligible	Negligible
AQ429	721010,730063	-0.3	-0.1	<0.1	<1	Negligible	Negligible	Negligible
AQ430	721010,730064	-3.9	-0.6	-0.4	<1	Slight Beneficial	Negligible	Negligible
AQ431	721010,730065	-3.3	-0.4	-0.3	<1	Negligible	Negligible	Negligible
AQ432	721010,730066	-0.7	-0.1	<0.1	<1	Negligible	Negligible	Negligible
AQ433	721010,730067	-1.8	-0.2	-0.1	<1	Negligible	Negligible	Negligible
AQ434	721010,730068	-0.2	<0.1	<0.1	<1	Negligible	Negligible	Negligible
AQ435	721010,730069	-0.3	-0.1	<0.1	<1	Negligible	Negligible	Negligible
AQ436	721010,730070	-0.6	-0.1	<0.1	<1	Negligible	Negligible	Negligible
AQ437	721010,730071	-0.3	<0.1	<0.1	<1	Negligible	Negligible	Negligible
AQ438	721010,730072	-0.3	-0.1	<0.1	<1	Negligible	Negligible	Negligible
AQ439	721010,730073	-0.7	-0.1	<0.1	<1	Negligible	Negligible	Negligible
AQ440	721010,730074	-1.2	-0.2	-0.1	<1	Negligible	Negligible	Negligible
AQ441	721010,730075	-0.5	-0.1	<0.1	<1	Negligible	Negligible	Negligible
AQ442	721010,730076	-0.5	-0.1	<0.1	<1	Negligible	Negligible	Negligible
AQ443	721010,730077	-0.1	<0.1	<0.1	<1	Negligible	Negligible	Negligible
AQ444	721010,730078	-0.1	<0.1	<0.1	<1	Negligible	Negligible	Negligible
AQ445	721010,730079	0.2	<0.1	0.1	<1	Negligible	Negligible	Negligible
AQ446	721010,730080	0.2	<0.1	0.2	<1	Negligible	Negligible	Negligible
AQ447	721010,730081	-0.1	<0.1	<0.1	<1	Negligible	Negligible	Negligible
AQ448	721010,730082	<0.1	<0.1	<0.1	<1	Negligible	Negligible	Negligible
AQ449	721010,730083	-0.1	<0.1	<0.1	<1	Negligible	Negligible	Negligible
AQ450	721010,730084	-0.1	<0.1	<0.1	<1	Negligible	Negligible	Negligible
AQ451	721010,730085	0.1	<0.1	<0.1	<1	Negligible	Negligible	Negligible
AQ452	721010,730086	-0.6	-0.1	-0.1	<1	Negligible	Negligible	Negligible
AQ453	721010,730087	-1.2	-0.2	-0.1	<1	Negligible	Negligible	Negligible
AQ454	721010,730088	-0.5	-0.1	<0.1	<1	Negligible	Negligible	Negligible

Receptor	Receptor Location (ITM)	Change in Annual Mean Conc. ($\mu\text{g}/\text{m}^3$)			Change in No of PM_{10} days $> 50 \mu\text{g}/\text{m}^3$	Impact on Annual Mean Conc.		
		NO_2	PM_{10}	$\text{PM}_{2.5}$		NO_2	PM_{10}	$\text{PM}_{2.5}$
AQ455	721010,730089	-0.3	<0.1	<0.1	<1	Negligible	Negligible	Negligible
AQ456	721010,730090	0.2	<0.1	<0.1	<1	Negligible	Negligible	Negligible
AQ457	721010,730091	-1.0	-0.3	-0.2	<1	Negligible	Negligible	Negligible
AQ458	721010,730092	-0.9	-0.1	-0.1	<1	Negligible	Negligible	Negligible
AQ459	721010,730093	-0.2	<0.1	<0.1	<1	Negligible	Negligible	Negligible
AQ460	721010,730094	-0.2	<0.1	<0.1	<1	Negligible	Negligible	Negligible
AQ461	721010,730095	-0.8	-0.1	-0.1	<1	Negligible	Negligible	Negligible
AQ462	721010,730096	-0.1	-0.1	<0.1	<1	Negligible	Negligible	Negligible
AQ463	721010,730097	-0.6	-0.1	-0.1	<1	Negligible	Negligible	Negligible
AQ464	721010,730098	0.1	<0.1	<0.1	<1	Negligible	Negligible	Negligible
AQ465	721010,730099	-0.1	<0.1	<0.1	<1	Negligible	Negligible	Negligible
AQ466	721010,730100	-0.7	-0.1	<0.1	<1	Negligible	Negligible	Negligible
AQ467	721010,730101	-0.7	-0.1	-0.1	<1	Negligible	Negligible	Negligible
AQ468	721010,730102	-0.2	<0.1	<0.1	<1	Negligible	Negligible	Negligible
AQ469	721010,730103	-0.6	-0.1	<0.1	<1	Negligible	Negligible	Negligible
AQ470	721010,730104	0.4	0.1	<0.1	<1	Negligible	Negligible	Negligible
AQ471	721010,730105	-0.1	<0.1	<0.1	<1	Negligible	Negligible	Negligible
AQ472	721010,730106	-2.5	-0.4	-0.3	<1	Negligible	Negligible	Negligible
AQ473	721010,730107	-0.1	<0.1	<0.1	<1	Negligible	Negligible	Negligible
AQ474	721010,730108	<0.1	<0.1	0.1	<1	Negligible	Negligible	Negligible
AQ475	721010,730109	-0.6	-0.1	<0.1	<1	Negligible	Negligible	Negligible
AQ476	721010,730110	<0.1	<0.1	<0.1	<1	Negligible	Negligible	Negligible
AQ477	721010,730111	-0.7	-0.1	-0.1	<1	Negligible	Negligible	Negligible
AQ478	721010,730112	-0.1	<0.1	<0.1	<1	Negligible	Negligible	Negligible
AQ479	721010,730113	0.7	0.1	0.3	<1	Negligible	Negligible	Negligible
AQ480	721010,730114	-0.5	-0.1	<0.1	<1	Negligible	Negligible	Negligible
AQ481	721010,730115	0.2	<0.1	0.1	<1	Negligible	Negligible	Negligible
AQ482	721010,730116	-0.5	-0.1	<0.1	<1	Negligible	Negligible	Negligible
AQ483	721010,730117	<0.1	<0.1	<0.1	<1	Negligible	Negligible	Negligible
AQ484	721010,730118	<0.1	<0.1	<0.1	<1	Negligible	Negligible	Negligible
AQ485	721010,730119	0.3	<0.1	<0.1	<1	Negligible	Negligible	Negligible
AQ486	721010,730120	-0.6	-0.1	<0.1	<1	Negligible	Negligible	Negligible
AQ487	721010,730121	-0.1	<0.1	<0.1	<1	Negligible	Negligible	Negligible
AQ488	721010,730122	-1.3	-0.1	-0.1	<1	Negligible	Negligible	Negligible
AQ489	721010,730123	<0.1	<0.1	<0.1	<1	Negligible	Negligible	Negligible
AQ490	721010,730124	-0.3	<0.1	<0.1	<1	Negligible	Negligible	Negligible
AQ491	721010,730125	-0.1	<0.1	<0.1	<1	Negligible	Negligible	Negligible
AQ492	721010,730126	0.3	<0.1	0.1	<1	Negligible	Negligible	Negligible

Receptor	Receptor Location (ITM)	Change in Annual Mean Conc. ($\mu\text{g}/\text{m}^3$)			Change in No of PM_{10} days $> 50 \mu\text{g}/\text{m}^3$	Impact on Annual Mean Conc.		
		NO_2	PM_{10}	$\text{PM}_{2.5}$		NO_2	PM_{10}	$\text{PM}_{2.5}$
AQ493	721010,730127	0.1	<0.1	<0.1	<1	Negligible	Negligible	Negligible
AQ494	721010,730128	-0.2	<0.1	<0.1	<1	Negligible	Negligible	Negligible
AQ495	721010,730129	0.1	<0.1	<0.1	<1	Negligible	Negligible	Negligible
AQ496	721010,730130	0.1	<0.1	<0.1	<1	Negligible	Negligible	Negligible
AQ497	721010,730131	0.1	<0.1	<0.1	<1	Negligible	Negligible	Negligible
AQ498	721010,730132	0.1	<0.1	<0.1	<1	Negligible	Negligible	Negligible
AQ499	721010,730133	0.1	<0.1	<0.1	<1	Negligible	Negligible	Negligible
AQ500	721010,730134	<0.1	<0.1	<0.1	<1	Negligible	Negligible	Negligible
AQ501	721010,730135	0.1	<0.1	<0.1	<1	Negligible	Negligible	Negligible
AQ502	721010,730136	0.1	<0.1	<0.1	<1	Negligible	Negligible	Negligible
AQ503	721010,730137	<0.1	<0.1	<0.1	<1	Negligible	Negligible	Negligible
AQ504	721010,730138	0.1	<0.1	<0.1	<1	Negligible	Negligible	Negligible
AQ505	721010,730139	0.1	<0.1	<0.1	<1	Negligible	Negligible	Negligible
AQ506	721010,730140	0.2	<0.1	<0.1	<1	Negligible	Negligible	Negligible
AQ507	721010,730141	0.2	<0.1	<0.1	<1	Negligible	Negligible	Negligible
AQ508	721010,730142	-0.1	<0.1	<0.1	<1	Negligible	Negligible	Negligible
AQ509	721010,730143	-0.1	<0.1	<0.1	<1	Negligible	Negligible	Negligible
AQ510	721010,730144	-0.1	<0.1	<0.1	<1	Negligible	Negligible	Negligible
AQ511	721010,730145	<0.1	<0.1	<0.1	<1	Negligible	Negligible	Negligible
AQ512	721010,730146	<0.1	<0.1	<0.1	<1	Negligible	Negligible	Negligible
AQ513	721010,730147	<0.1	<0.1	<0.1	<1	Negligible	Negligible	Negligible
AQ514	721010,730148	<0.1	<0.1	<0.1	<1	Negligible	Negligible	Negligible
AQ515	721010,730149	-0.3	<0.1	<0.1	<1	Negligible	Negligible	Negligible
AQ516	721010,730150	0.1	<0.1	<0.1	<1	Negligible	Negligible	Negligible
AQ517	721010,730151	0.7	0.1	<0.1	<1	Negligible	Negligible	Negligible
AQ518	721010,730152	0.5	<0.1	<0.1	<1	Negligible	Negligible	Negligible
AQ519	721010,730153	0.1	<0.1	<0.1	<1	Negligible	Negligible	Negligible
AQ520	721010,730154	0.5	<0.1	<0.1	<1	Negligible	Negligible	Negligible
AQ521	721010,730155	0.6	0.1	0.1	<1	Negligible	Negligible	Negligible
AQ522	721010,730156	<0.1	<0.1	<0.1	<1	Negligible	Negligible	Negligible
AQ523	721010,730157	0.5	0.1	<0.1	<1	Negligible	Negligible	Negligible
AQ524	721010,730158	0.4	0.1	<0.1	<1	Negligible	Negligible	Negligible
AQ525	721010,730159	<0.1	<0.1	<0.1	<1	Negligible	Negligible	Negligible
AQ526	721010,730160	0.3	<0.1	0.1	<1	Negligible	Negligible	Negligible
AQ527	721010,730161	0.1	<0.1	0.1	<1	Negligible	Negligible	Negligible
AQ528	721010,730162	-0.1	<0.1	0.1	<1	Negligible	Negligible	Negligible
AQ529	721010,730163	0.6	0.1	0.2	<1	Negligible	Negligible	Negligible
AQ530	721010,730164	0.5	0.1	0.1	<1	Negligible	Negligible	Negligible

Receptor	Receptor Location (ITM)	Change in Annual Mean Conc. ($\mu\text{g}/\text{m}^3$)			Change in No of PM_{10} days $> 50 \mu\text{g}/\text{m}^3$	Impact on Annual Mean Conc.		
		NO_2	PM_{10}	$\text{PM}_{2.5}$		NO_2	PM_{10}	$\text{PM}_{2.5}$
AQ531	721010,730165	0.5	0.1	0.2	<1	Negligible	Negligible	Negligible
AQ532	721010,730166	-0.1	<0.1	0.1	<1	Negligible	Negligible	Negligible
AQ533	721010,730167	-0.2	<0.1	<0.1	<1	Negligible	Negligible	Negligible
AQ534	721010,730168	-0.2	<0.1	<0.1	<1	Negligible	Negligible	Negligible
AQ535	721010,730169	0.6	0.1	0.1	<1	Negligible	Negligible	Negligible
AQ536	721010,730170	-0.1	<0.1	0.2	<1	Negligible	Negligible	Negligible
AQ537	721010,730171	0.3	<0.1	0.1	<1	Negligible	Negligible	Negligible
AQ538	721010,730172	0.4	0.1	0.1	<1	Negligible	Negligible	Negligible
AQ539	721010,730173	0.2	<0.1	0.1	<1	Negligible	Negligible	Negligible
AQ540	721010,730174	0.3	<0.1	0.2	<1	Negligible	Negligible	Negligible
AQ541	721010,730175	0.1	<0.1	0.1	<1	Negligible	Negligible	Negligible
AQ542	721010,730176	<0.1	<0.1	<0.1	<1	Negligible	Negligible	Negligible
AQ543	721010,730177	-0.3	<0.1	<0.1	<1	Negligible	Negligible	Negligible
AQ544	721010,730178	-0.4	<0.1	<0.1	<1	Negligible	Negligible	Negligible
AQ545	721010,730179	<0.1	<0.1	<0.1	<1	Negligible	Negligible	Negligible
AQ546	721010,730180	<0.1	<0.1	<0.1	<1	Negligible	Negligible	Negligible
AQ547	721010,730181	<0.1	<0.1	<0.1	<1	Negligible	Negligible	Negligible
AQ548	721010,730182	<0.1	<0.1	<0.1	<1	Negligible	Negligible	Negligible
AQ549	721010,730183	0.1	<0.1	<0.1	<1	Negligible	Negligible	Negligible
AQ550	721010,730184	0.2	<0.1	<0.1	<1	Negligible	Negligible	Negligible
AQ551	721010,730185	0.9	0.1	0.1	<1	Slight Adverse	Negligible	Negligible
AQ552	721010,730186	0.1	<0.1	<0.1	<1	Negligible	Negligible	Negligible
AQ553	721010,730187	-0.8	-0.1	-0.1	<1	Slight Beneficial	Negligible	Negligible
AQ554	721010,730188	-0.6	-0.1	<0.1	<1	Negligible	Negligible	Negligible
AQ555	721010,730189	-1.1	-0.2	-0.1	<1	Slight Beneficial	Negligible	Negligible
AQ556	721010,730190	-0.3	-0.1	<0.1	<1	Negligible	Negligible	Negligible
AQ557	721010,730191	0.3	<0.1	<0.1	<1	Negligible	Negligible	Negligible
AQ558	721010,730192	<0.1	<0.1	<0.1	<1	Negligible	Negligible	Negligible
AQ559	721010,730193	-0.8	-0.1	-0.1	<1	Slight Beneficial	Negligible	Negligible
AQ560	721010,730194	-0.3	<0.1	<0.1	<1	Negligible	Negligible	Negligible
AQ561	721010,730195	-0.5	-0.1	<0.1	<1	Slight Beneficial	Negligible	Negligible
AQ562	721010,730196	-0.2	<0.1	<0.1	<1	Negligible	Negligible	Negligible
AQ563	721010,730197	-0.6	-0.1	<0.1	<1	Negligible	Negligible	Negligible
AQ564	721010,730198	0.1	<0.1	<0.1	<1	Negligible	Negligible	Negligible

The significance of the changes in the concentration of each of the ambient receptors has been determined in the context of the TII significance criteria (TII 2011), as described in Section 7.2.4.1.4 in Chapter 7 (Air Quality). The majority of modelled receptors are estimated to experience a negligible impact due to the Proposed Scheme in terms of the annual mean NO_2 concentration. A slightly beneficial impact is estimated at 25 receptors, a moderate beneficial impact at three receptors and a substantial beneficial impact at one receptor. All beneficial impacts are

modelled along the Proposed Scheme. A slight adverse impact is expected at 27 receptors, and a moderate adverse impact at one receptor on the R138 Leeson St Lower. This localised moderate adverse impact is considered negative, significant and short-term as NO₂ concentrations exceed the limit value but only occur during the short-term construction phase. The Proposed Scheme is overall neutral in terms of annual mean PM₁₀ and PM_{2.5} concentrations, with all receptors experiencing a negligible impact.

2. Operational Traffic Assessment

2.1 'Do Minimum' Scenario

Predicted annual mean concentrations of NO₂, PM₁₀, PM_{2.5} and the number of exceedances of the 24-hour PM₁₀ objective, at all modelled existing air quality sensitive receptors in the cumulative 2028 DM scenario are listed in Table 2.1. Locations of these receptors are shown in Figures 7.3 – 7.5 in Volume 3 of this EIAR.

Table 2.1: Predicted Cumulative 2028 Do Minimum Operational Scenario Pollutant Statistics At All Modelled Receptor Locations

DM (2028)					
Receptor	Receptor Location (ITM)	Annual Mean Conc. (µg/m ³)			No of PM ₁₀ days > 50 µg/m ³
		NO ₂	PM ₁₀	PM _{2.5}	
AQ1	721010,729635	26.5	15.0	10.6	<1
AQ2	720977,729665	26.0	14.9	10.5	<1
AQ3	721306,729354	28.6	15.1	10.6	<1
AQ4	720886,729720	22.9	14.5	10.3	<1
AQ5	720812,729814	32.5	15.9	11.1	1
AQ6	720857,729742	23.0	14.5	10.3	<1
AQ7	720852,729786	29.4	15.4	10.9	<1
AQ8	720751,729872	27.4	15.1	10.6	<1
AQ9	720793,729833	32.1	15.8	11.1	1
AQ10	720785,729839	34.7	16.1	11.3	1
AQ11	720743,729877	32.3	15.9	11.1	1
AQ12	720642,729995	29.9	15.6	10.9	1
AQ13	720696,729932	30.4	15.6	11.0	1
AQ14	720689,729941	30.1	15.6	10.9	1
AQ15	720744,729834	23.9	14.6	10.3	<1
AQ16	722051,728727	26.1	14.9	10.6	<1
AQ17	718604,731788	22.3	14.4	10.2	<1
AQ18	718542,731849	22.4	14.4	10.2	<1
AQ19	718578,731811	22.2	14.4	10.2	<1
AQ20	718629,731758	22.2	14.4	10.2	<1
AQ21	718655,731727	22.4	14.4	10.2	<1
AQ22	718408,732046	25.0	14.7	10.4	<1
AQ23	718378,732003	22.8	14.4	10.3	<1
AQ24	718370,732074	26.3	14.9	10.5	<1
AQ25	719766,730745	23.3	14.5	10.3	<1
AQ26	718458,730750	40.8	17.4	12.0	1

DM (2028)					
Receptor	Receptor Location (ITM)	Annual Mean Conc. ($\mu\text{g}/\text{m}^3$)			No of PM_{10} days > $50 \mu\text{g}/\text{m}^3$
		NO_2	PM_{10}	$\text{PM}_{2.5}$	
AQ27	718621,730961	24.5	14.6	10.4	<1
AQ28	718530,730821	25.2	14.8	10.5	<1
AQ29	718644,730983	24.9	14.7	10.4	<1
AQ30	717896,732423	42.8	17.0	11.8	1
AQ31	717756,732518	46.4	17.4	12.1	1
AQ32	717741,732531	51.3	18.3	12.6	2
AQ33	717762,732471	36.7	16.1	11.3	1
AQ34	717871,732437	44.7	17.3	12.0	1
AQ35	717786,732489	60.8	19.8	13.5	3
AQ36	717691,732499	24.2	14.6	10.3	<1
AQ37	717630,732693	24.7	14.7	10.4	<1
AQ38	717680,732621	25.5	14.8	10.5	<1
AQ39	718337,732111	27.4	15.0	10.6	<1
AQ40	718322,732134	25.6	14.7	10.5	<1
AQ41	718227,732280	25.2	14.8	10.5	<1
AQ42	718274,732236	24.8	14.7	10.4	<1
AQ43	718133,732325	29.0	15.3	10.8	<1
AQ44	718681,731694	22.7	14.4	10.2	<1
AQ45	721577,729182	24.0	14.6	10.3	<1
AQ46	721681,729155	23.4	14.5	10.3	<1
AQ47	721636,729169	23.8	14.5	10.3	<1
AQ48	716603,733291	45.8	16.7	11.6	1
AQ49	721574,729220	31.0	15.5	10.9	1
AQ50	721529,729195	24.1	14.6	10.4	<1
AQ51	716629,733338	26.9	14.9	10.6	<1
AQ52	716616,733315	27.4	14.9	10.6	<1
AQ53	716642,733360	26.4	14.9	10.6	<1
AQ54	716626,733276	38.8	16.3	11.4	1
AQ55	721701,729145	23.2	14.5	10.3	<1
AQ56	721480,729222	24.1	14.6	10.3	<1
AQ57	721492,729217	24.4	14.6	10.4	<1
AQ58	721546,729226	28.1	15.1	10.7	<1
AQ59	721389,729300	30.7	15.5	10.9	1
AQ60	721276,729364	23.8	14.5	10.3	<1
AQ61	721364,729304	26.5	14.9	10.6	<1
AQ62	722017,728804	30.3	15.6	10.9	1
AQ63	722083,728735	25.4	14.8	10.5	<1
AQ64	721962,728989	29.0	15.2	10.7	<1

DM (2028)					
Receptor	Receptor Location (ITM)	Annual Mean Conc. ($\mu\text{g}/\text{m}^3$)			No of PM_{10} days $> 50 \mu\text{g}/\text{m}^3$
		NO_2	PM_{10}	$\text{PM}_{2.5}$	
AQ65	722046,729034	22.0	14.3	10.2	1
AQ66	721963,728897	24.3	14.6	10.4	<1
AQ67	722001,728914	29.9	15.3	10.8	<1
AQ68	721927,728955	23.5	14.5	10.3	<1
AQ69	721994,728823	25.8	14.8	10.5	<1
AQ70	722014,728882	28.8	15.2	10.7	<1
AQ71	721807,729134	27.8	15.1	10.7	<1
AQ72	721909,729003	26.9	15.0	10.6	<1
AQ73	721913,729051	28.5	15.2	10.7	<1
AQ74	719986,730399	23.3	14.5	10.3	<1
AQ75	719962,730429	24.1	14.6	10.4	<1
AQ76	719903,730487	24.2	14.6	10.4	<1
AQ77	719918,730468	23.7	14.5	10.3	<1
AQ78	719880,730535	27.2	15.0	10.6	<1
AQ79	719852,730592	27.1	15.0	10.6	<1
AQ80	718761,731677	25.7	14.8	10.5	<1
AQ81	718744,731616	22.6	14.4	10.2	<1
AQ82	718894,731536	26.4	14.9	10.5	<1
AQ83	718803,731549	23.0	14.4	10.3	<1
AQ84	718817,731610	26.0	14.8	10.5	<1
AQ85	718936,731258	23.6	14.5	10.3	<1
AQ86	719126,731328	27.4	15.0	10.6	<1
AQ87	719054,731389	26.9	14.9	10.6	<1
AQ88	718879,731208	23.9	14.6	10.3	<1
AQ89	718827,731160	23.8	14.6	10.3	<1
AQ90	719470,731145	27.0	15.0	10.6	<1
AQ91	719567,731080	28.6	15.2	10.7	<1
AQ92	719567,731090	26.4	14.9	10.5	<1
AQ93	719387,731187	25.1	14.7	10.4	<1
AQ94	719426,731168	25.2	14.7	10.4	<1
AQ95	719416,731136	23.4	14.5	10.3	<1
AQ96	719370,731167	24.9	14.7	10.4	<1
AQ97	719408,731140	23.4	14.5	10.3	<1
AQ98	719649,731004	34.6	15.9	11.1	1
AQ99	719582,731024	25.1	14.7	10.4	<1
AQ100	719556,731057	25.6	14.8	10.5	<1
AQ101	718774,731109	23.8	14.6	10.4	<1
AQ102	718732,731070	23.7	14.6	10.3	<1

DM (2028)					
Receptor	Receptor Location (ITM)	Annual Mean Conc. (µg/m ³)			No of PM ₁₀ days > 50 µg/m ³
		NO ₂	PM ₁₀	PM _{2.5}	
AQ103	719510,731095	25.5	14.8	10.5	<1
AQ104	719498,731128	27.5	15.1	10.6	<1
AQ105	719542,731100	28.2	15.2	10.7	<1
AQ106	718938,731451	27.0	15.0	10.6	<1
AQ107	719000,731418	32.0	15.9	11.1	1
AQ108	718968,731409	23.9	14.6	10.4	<1
AQ109	716590,733267	37.6	16.1	11.2	1
AQ110	716625,733230	24.7	14.6	10.3	<1
AQ111	716664,733199	25.7	14.8	10.5	<1
AQ112	716680,733177	24.3	14.6	10.4	<1
AQ113	716747,733170	24.6	14.6	10.4	<1
AQ114	716694,733163	24.2	14.6	10.3	<1
AQ115	716647,733216	24.5	14.6	10.4	<1
AQ116	716722,733135	24.3	14.6	10.3	<1
AQ117	716751,733105	24.5	14.6	10.4	<1
AQ118	720217,730221	25.5	14.7	10.4	<1
AQ119	720202,730231	26.0	14.8	10.5	<1
AQ120	720185,730233	27.0	14.9	10.6	<1
AQ121	720253,730170	23.4	14.5	10.3	<1
AQ122	720618,730020	26.5	15.0	10.6	<1
AQ123	720534,730047	27.3	15.1	10.7	<1
AQ124	720133,730277	25.1	14.7	10.4	<1
AQ125	720141,730273	25.7	14.8	10.5	<1
AQ126	716820,733014	26.9	14.9	10.5	<1
AQ127	716857,732973	42.2	16.7	11.6	1
AQ128	716771,733063	23.9	14.5	10.3	<1
AQ129	716973,732875	25.1	14.6	10.4	<1
AQ130	717326,732600	22.3	14.3	10.2	<1
AQ131	717361,732748	22.8	14.4	10.3	<1
AQ132	717387,732675	22.7	14.4	10.2	<1
AQ133	716986,732760	25.9	14.7	10.4	<1
AQ134	716954,732770	24.7	14.6	10.3	<1
AQ135	717387,732804	25.1	14.8	10.5	<1
AQ136	717401,732741	23.0	14.5	10.3	<1
AQ137	717473,732790	25.1	14.8	10.5	<1
AQ138	716897,732967	42.1	16.8	11.7	1
AQ139	716871,732953	39.1	16.4	11.4	1
AQ140	717008,732828	25.1	14.6	10.4	<1

DM (2028)					
Receptor	Receptor Location (ITM)	Annual Mean Conc. ($\mu\text{g}/\text{m}^3$)			No of PM_{10} days > $50 \mu\text{g}/\text{m}^3$
		NO_2	PM_{10}	$\text{PM}_{2.5}$	
AQ141	716998,732734	23.7	14.5	10.3	<1
AQ142	717014,732885	27.9	15.0	10.6	<1
AQ143	717070,732858	27.4	15.1	10.7	<1
AQ144	717052,732862	27.2	15.0	10.6	<1
AQ145	717201,732832	25.3	14.9	10.5	<1
AQ146	717372,732553	22.2	14.3	10.2	<1
AQ147	717206,732773	23.0	14.4	10.3	<1
AQ148	717176,732776	22.8	14.4	10.2	<1
AQ149	717355,732688	22.7	14.4	10.2	<1
AQ150	722023,728903	27.7	15.0	10.6	<1
AQ151	722182,728836	24.3	14.7	10.4	<1
AQ152	722288,729123	22.5	14.4	10.3	<1
AQ153	722283,729163	22.7	14.5	10.3	<1
AQ154	722249,729128	22.4	14.4	10.2	<1
AQ155	721292,729347	24.8	14.6	10.4	<1
AQ156	721190,729246	21.4	14.2	10.1	1
AQ157	721208,729221	21.1	14.2	10.1	1
AQ158	721177,729217	21.3	14.2	10.1	1
AQ159	721305,729109	23.0	14.5	10.3	<1
AQ160	721308,729119	23.0	14.4	10.3	<1
AQ161	721477,729173	23.5	14.5	10.3	<1
AQ162	721276,729082	22.8	14.4	10.3	<1
AQ163	721267,729063	21.8	14.3	10.2	1
AQ164	721161,729097	21.1	14.2	10.1	1
AQ165	721159,729124	21.9	14.3	10.2	1
AQ166	721151,729129	21.3	14.2	10.1	1
AQ167	721085,729009	20.6	14.1	10.1	1
AQ168	721265,729010	22.7	14.4	10.2	<1
AQ169	721299,728998	22.8	14.4	10.3	<1
AQ170	721278,728876	22.2	14.4	10.2	<1
AQ171	721309,728495	21.2	14.2	10.1	1
AQ172	721349,728509	21.9	14.3	10.2	<1
AQ173	721316,728755	21.7	14.3	10.2	<1
AQ174	721153,729502	23.8	14.5	10.3	<1
AQ175	721097,729513	23.4	14.5	10.3	<1
AQ176	721030,729483	23.3	14.5	10.3	<1
AQ177	721007,729514	22.9	14.5	10.3	<1
AQ178	721069,729603	30.3	15.5	10.9	1

DM (2028)					
Receptor	Receptor Location (ITM)	Annual Mean Conc. ($\mu\text{g}/\text{m}^3$)			No of PM_{10} days > $50 \mu\text{g}/\text{m}^3$
		NO_2	PM_{10}	$\text{PM}_{2.5}$	
AQ179	720741,729351	23.1	14.5	10.3	<1
AQ180	720715,729361	23.4	14.5	10.3	<1
AQ181	720818,729415	23.5	14.6	10.3	<1
AQ182	720394,729180	22.1	14.4	10.2	<1
AQ183	720195,729122	23.1	14.5	10.3	<1
AQ184	718384,730733	30.5	15.6	10.9	1
AQ185	718421,730711	33.5	16.2	11.3	1
AQ186	718161,730863	28.6	15.1	10.6	<1
AQ187	718184,730843	28.9	15.0	10.6	<1
AQ188	717727,731393	42.6	16.9	11.8	1
AQ189	717849,731391	41.0	17.1	11.8	1
AQ190	717912,731226	41.0	18.0	12.3	2
AQ191	717721,731288	24.4	14.6	10.4	<1
AQ192	717723,731236	29.0	15.3	10.8	<1
AQ193	717572,731053	26.6	15.1	10.6	<1
AQ194	717335,731069	25.1	14.8	10.5	<1
AQ195	717386,730507	30.1	15.6	11.0	1
AQ196	717352,730507	22.6	14.4	10.3	<1
AQ197	717356,730474	22.3	14.4	10.2	<1
AQ198	718537,730479	28.1	15.4	10.8	<1
AQ199	718628,730471	32.9	16.3	11.3	1
AQ200	718638,730455	32.6	16.2	11.3	1
AQ201	718992,730135	33.4	16.4	11.4	1
AQ202	719158,729956	36.1	17.1	11.8	1
AQ203	719523,729576	32.0	15.6	11.0	1
AQ204	719289,731246	25.6	14.7	10.4	<1
AQ205	720165,730106	24.0	14.6	10.4	<1
AQ206	720175,730095	24.8	14.8	10.5	<1
AQ207	720159,730096	22.9	14.5	10.3	<1
AQ208	720115,729847	23.6	14.6	10.3	<1
AQ209	720096,729856	22.3	14.4	10.2	<1
AQ210	720092,729841	22.4	14.4	10.2	<1
AQ211	719504,731489	23.4	14.5	10.3	<1
AQ212	719300,732368	22.7	14.5	10.3	<1
AQ213	719304,732355	22.9	14.5	10.3	<1
AQ214	719433,732013	23.2	14.5	10.3	<1
AQ215	719398,732042	21.6	14.3	10.2	1
AQ216	719089,731872	21.4	14.2	10.1	1

DM (2028)					
Receptor	Receptor Location (ITM)	Annual Mean Conc. ($\mu\text{g}/\text{m}^3$)			No of PM_{10} days > $50 \mu\text{g}/\text{m}^3$
		NO_2	PM_{10}	$\text{PM}_{2.5}$	
AQ217	719124,731886	22.1	14.3	10.2	<1
AQ218	719076,731892	21.2	14.2	10.1	1
AQ219	719064,731959	21.2	14.2	10.1	1
AQ220	719103,731963	21.8	14.3	10.2	<1
AQ221	719338,732234	22.7	14.5	10.3	<1
AQ222	718957,732196	21.7	14.3	10.2	1
AQ223	718942,732421	22.3	14.4	10.2	<1
AQ224	718967,732434	22.2	14.4	10.2	<1
AQ225	718948,732493	21.6	14.3	10.2	1
AQ226	718910,732375	21.3	14.2	10.1	1
AQ227	718848,732613	22.7	14.4	10.2	<1
AQ228	718817,732627	21.7	14.2	10.1	1
AQ229	718865,732630	22.2	14.3	10.2	<1
AQ230	718772,732591	21.4	14.2	10.1	1
AQ231	718635,732412	21.4	14.2	10.1	1
AQ232	718586,732401	21.4	14.2	10.1	1
AQ233	718499,732313	22.1	14.3	10.2	1
AQ234	718413,732223	22.3	14.3	10.2	<1
AQ235	718306,732183	26.1	14.8	10.5	<1
AQ236	718309,732152	28.5	15.1	10.7	<1
AQ237	717912,731905	25.7	15.0	10.6	<1
AQ238	718034,731974	21.7	14.3	10.2	1
AQ239	717875,731914	24.2	14.7	10.4	<1
AQ240	717873,731896	23.4	14.6	10.3	<1
AQ241	717910,731876	25.4	14.9	10.5	<1
AQ242	718850,732830	22.6	14.5	10.3	<1
AQ243	718867,732832	22.8	14.5	10.3	<1
AQ244	718234,732541	26.1	14.8	10.5	<1
AQ245	718265,732628	25.4	14.7	10.4	<1
AQ246	718413,732867	22.6	14.4	10.2	<1
AQ247	718416,732886	22.9	14.4	10.3	<1
AQ248	718443,732866	22.8	14.4	10.2	<1
AQ249	718345,732721	23.6	14.5	10.3	<1
AQ250	718346,732690	24.2	14.6	10.4	<1
AQ251	718403,733212	22.5	14.4	10.2	<1
AQ252	718419,733247	25.3	14.8	10.5	<1
AQ253	718391,733239	22.6	14.4	10.2	<1
AQ254	718413,733140	22.7	14.4	10.2	<1

DM (2028)					
Receptor	Receptor Location (ITM)	Annual Mean Conc. ($\mu\text{g}/\text{m}^3$)			No of PM_{10} days > $50 \mu\text{g}/\text{m}^3$
		NO_2	PM_{10}	$\text{PM}_{2.5}$	
AQ255	718211,732985	21.4	14.2	10.1	1
AQ256	718090,733020	22.8	14.4	10.3	<1
AQ257	717775,732993	26.1	14.9	10.5	<1
AQ258	717741,732988	23.6	14.5	10.3	<1
AQ259	717795,732934	25.1	14.8	10.5	<1
AQ260	717875,732964	22.8	14.4	10.2	<1
AQ261	717536,732716	23.1	14.5	10.3	<1
AQ262	717596,732880	23.2	14.4	10.3	<1
AQ263	717506,732904	25.2	14.8	10.5	<1
AQ264	717576,732964	22.9	14.4	10.3	<1
AQ265	717572,732928	23.1	14.4	10.3	<1
AQ266	717496,732844	24.4	14.6	10.4	<1
AQ267	717474,732873	24.1	14.6	10.3	<1
AQ268	717380,732604	22.7	14.4	10.2	<1
AQ269	717320,732558	21.9	14.3	10.2	1
AQ270	717748,732487	39.0	16.4	11.5	1
AQ271	717329,732374	21.9	14.3	10.2	1
AQ272	717297,732424	22.0	14.3	10.2	<1
AQ273	717149,732333	23.0	14.4	10.2	<1
AQ274	717098,732311	22.5	14.3	10.2	<1
AQ275	717126,732271	22.5	14.3	10.2	<1
AQ276	717198,732617	22.3	14.3	10.2	<1
AQ277	717194,732595	22.0	14.3	10.2	1
AQ278	717208,732687	22.2	14.3	10.2	<1
AQ279	717194,732712	22.9	14.4	10.2	<1
AQ280	717170,732722	22.8	14.4	10.2	<1
AQ281	717387,732651	22.5	14.4	10.2	<1
AQ282	716885,732329	49.7	17.1	11.9	1
AQ283	716870,732359	28.5	14.9	10.5	<1
AQ284	716883,732402	26.7	14.7	10.4	<1
AQ285	716928,732661	23.5	14.5	10.3	<1
AQ286	716981,732658	23.2	14.4	10.3	<1
AQ287	717123,732623	21.9	14.3	10.2	1
AQ288	717338,732668	22.2	14.3	10.2	<1
AQ289	716999,732254	31.7	15.4	10.9	<1
AQ290	716922,732258	37.1	15.9	11.2	1
AQ291	716790,732322	33.1	15.5	10.9	1
AQ292	716799,732376	41.9	16.6	11.6	1

DM (2028)					
Receptor	Receptor Location (ITM)	Annual Mean Conc. ($\mu\text{g}/\text{m}^3$)			No of PM ₁₀ days > 50 $\mu\text{g}/\text{m}^3$
		NO ₂	PM ₁₀	PM _{2.5}	
AQ293	716735,732325	28.8	15.1	10.7	<1
AQ294	717003,732144	29.0	15.1	10.7	<1
AQ295	717176,731954	40.4	16.7	11.6	1
AQ296	717176,731934	39.0	16.6	11.6	1
AQ297	717228,731951	40.8	16.5	11.5	1
AQ298	717237,731890	33.5	15.6	11.0	1
AQ299	717350,731709	25.6	14.6	10.4	<1
AQ300	717394,731747	41.3	16.5	11.5	1
AQ301	717382,731761	43.0	16.5	11.5	1
AQ302	717450,731652	32.4	15.5	10.9	1
AQ303	717503,731644	36.3	16.0	11.2	1
AQ304	717500,731661	40.7	16.6	11.6	1
AQ305	717602,731574	44.3	16.6	11.6	1
AQ306	717596,731553	34.9	15.7	11.0	1
AQ307	717211,731994	36.5	16.1	11.3	1
AQ308	717299,732071	23.6	14.5	10.3	<1
AQ309	717329,732053	22.9	14.4	10.2	<1
AQ310	717316,732085	23.8	14.5	10.3	<1
AQ311	716571,732102	23.8	14.5	10.3	<1
AQ312	716537,732082	24.6	14.6	10.4	<1
AQ313	716651,732183	23.8	14.5	10.3	<1
AQ314	716663,732411	30.1	15.3	10.8	<1
AQ315	716702,732455	25.5	14.7	10.4	<1
AQ316	716461,732633	33.5	15.9	11.2	1
AQ317	716427,732630	35.3	16.2	11.3	1
AQ318	716458,732652	35.5	16.2	11.3	1
AQ319	716440,732652	36.5	16.3	11.4	1
AQ320	716455,732738	30.4	15.3	10.8	<1
AQ321	716404,732715	53.9	18.4	12.7	2
AQ322	716373,732706	46.4	17.4	12.0	1
AQ323	716416,732588	37.2	16.4	11.5	1
AQ324	716351,732738	44.4	17.0	11.8	1
AQ325	716478,732534	32.9	15.9	11.1	1
AQ326	716641,732421	29.8	15.3	10.8	<1
AQ327	716572,732541	33.7	16.1	11.2	1
AQ328	716476,732738	27.3	15.0	10.6	<1
AQ329	716807,732919	26.8	14.9	10.5	<1
AQ330	719191,731684	21.6	14.2	10.1	1

DM (2028)					
Receptor	Receptor Location (ITM)	Annual Mean Conc. ($\mu\text{g}/\text{m}^3$)			No of PM_{10} days > $50 \mu\text{g}/\text{m}^3$
		NO_2	PM_{10}	$\text{PM}_{2.5}$	
AQ331	719226,731665	21.2	14.2	10.1	1
AQ332	719124,731890	22.0	14.3	10.2	<1
AQ333	718955,732135	21.2	14.2	10.1	1
AQ334	718983,732146	22.1	14.4	10.2	<1
AQ335	718926,732183	21.3	14.2	10.1	1
AQ336	719291,732498	23.6	14.6	10.4	<1
AQ337	718931,732441	21.3	14.2	10.1	1
AQ338	718866,732627	22.2	14.3	10.2	<1
AQ339	718824,732642	21.6	14.3	10.2	1
AQ340	718833,732670	21.8	14.3	10.2	1
AQ341	718861,732569	22.0	14.3	10.2	<1
AQ342	718940,732296	21.9	14.3	10.2	<1
AQ343	718567,732341	21.5	14.2	10.1	1
AQ344	718685,732493	21.4	14.2	10.1	1
AQ345	717819,732112	24.4	14.7	10.4	<1
AQ346	717332,733190	23.8	14.5	10.3	<1
AQ347	717314,733222	24.5	14.6	10.4	<1
AQ348	717345,733236	27.2	15.0	10.6	<1
AQ349	717367,733209	25.9	14.8	10.5	<1
AQ350	717431,733067	24.1	14.6	10.4	<1
AQ351	717719,733073	23.3	14.5	10.3	<1
AQ352	717756,733071	23.8	14.6	10.3	<1
AQ353	717729,733042	23.7	14.5	10.3	<1
AQ354	717571,733317	23.8	14.5	10.3	<1
AQ355	717588,733351	24.2	14.6	10.4	<1
AQ356	717602,733320	24.3	14.6	10.4	<1
AQ357	717576,733356	24.8	14.7	10.4	<1
AQ358	717671,733237	25.1	14.8	10.5	<1
AQ359	717209,733332	25.0	14.7	10.4	<1
AQ360	717094,733198	23.7	14.5	10.3	<1
AQ361	717062,733199	25.0	14.7	10.4	<1
AQ362	716967,733033	25.8	14.8	10.5	<1
AQ363	716970,733001	25.7	14.7	10.4	<1
AQ364	716841,733039	28.3	15.0	10.6	<1
AQ365	716808,733084	26.9	14.9	10.5	<1
AQ366	717016,733225	23.8	14.5	10.3	<1
AQ367	716993,733246	23.2	14.4	10.3	<1
AQ368	716933,733265	23.0	14.4	10.3	<1

DM (2028)					
Receptor	Receptor Location (ITM)	Annual Mean Conc. ($\mu\text{g}/\text{m}^3$)			No of PM ₁₀ days > 50 $\mu\text{g}/\text{m}^3$
		NO ₂	PM ₁₀	PM _{2.5}	
AQ369	716912,733294	23.0	14.4	10.2	<1
AQ370	716932,733309	23.4	14.5	10.3	<1
AQ371	717426,733443	26.1	14.9	10.5	<1
AQ372	717409,733412	23.7	14.5	10.3	<1
AQ373	717243,733527	26.2	14.9	10.5	<1
AQ374	717086,733592	24.3	14.6	10.4	<1
AQ375	716767,733375	23.9	14.5	10.3	<1
AQ376	716773,733398	24.3	14.5	10.3	<1
AQ377	716714,733432	25.7	14.8	10.5	<1
AQ378	716678,733425	25.0	14.7	10.4	<1
AQ379	716659,733243	26.3	14.8	10.5	<1
AQ380	716479,733013	25.3	14.8	10.5	<1
AQ381	716448,733015	25.3	14.7	10.4	<1
AQ382	716443,732949	26.9	14.9	10.6	<1
AQ383	716492,732922	27.7	15.1	10.6	<1
AQ384	716516,732914	26.2	14.9	10.5	<1
AQ385	716487,732910	26.3	14.9	10.5	<1
AQ386	716437,732939	26.4	14.9	10.5	<1
AQ387	716419,732959	25.5	14.7	10.4	<1
AQ388	716372,732821	42.1	16.7	11.6	1
AQ389	716221,732991	39.9	16.5	11.5	1
AQ390	716202,732975	34.5	15.8	11.1	1
AQ391	716188,732996	37.1	16.0	11.2	1
AQ392	716210,733007	44.2	16.9	11.8	1
AQ393	716326,733088	27.0	14.9	10.5	<1
AQ394	716313,733108	26.1	14.8	10.5	<1
AQ395	716511,733127	24.0	14.6	10.3	<1
AQ396	716366,733211	24.7	14.6	10.4	<1
AQ397	716535,733114	24.1	14.6	10.4	<1
AQ398	716465,733336	32.3	15.5	10.9	1
AQ399	716442,733348	34.3	15.7	11.0	1
AQ400	716462,733370	34.5	15.7	11.0	1
AQ401	716301,733420	44.2	17.1	11.9	1
AQ402	716318,733412	42.9	16.9	11.8	1
AQ403	716308,733403	38.6	16.4	11.4	1
AQ404	716293,733410	39.4	16.5	11.5	1
AQ405	716412,733574	33.5	15.9	11.1	1
AQ406	716072,733165	38.2	16.2	11.3	1

DM (2028)					
Receptor	Receptor Location (ITM)	Annual Mean Conc. ($\mu\text{g}/\text{m}^3$)			No of PM ₁₀ days > 50 $\mu\text{g}/\text{m}^3$
		NO ₂	PM ₁₀	PM _{2.5}	
AQ407	716085,733186	44.0	16.8	11.7	1
AQ408	715914,733234	30.6	15.4	10.8	<1
AQ409	715741,733307	31.8	15.5	10.9	1
AQ410	715511,733317	41.2	16.1	11.3	1
AQ411	715479,733323	38.5	16.2	11.3	1
AQ412	716732,732960	26.2	14.9	10.5	<1
AQ413	717573,732572	22.8	14.4	10.2	<1
AQ414	717607,732515	22.7	14.4	10.2	<1
AQ415	717801,732809	24.0	14.6	10.4	<1
AQ416	717078,733627	25.0	14.7	10.4	<1
AQ417	717110,733929	37.2	16.3	11.4	1
AQ418	717109,733957	42.6	17.0	11.8	1
AQ419	717134,733956	46.3	17.7	12.2	1
AQ420	716355,732847	37.3	16.1	11.3	1
AQ421	716289,732756	38.1	16.6	11.6	1
AQ422	716311,732813	36.7	15.9	11.2	1
AQ423	715505,733367	42.1	16.5	11.5	1
AQ424	715539,733353	39.6	16.4	11.4	1
AQ425	721442,729180	21.7	14.3	10.2	1
AQ426	720788,729725	21.2	14.2	10.1	1
AQ427	721671,729229	24.7	14.7	10.4	<1
AQ428	721615,729108	21.2	14.2	10.1	1
AQ429	721742,729058	21.4	14.2	10.1	1
AQ430	721416,729314	32.2	15.6	11.0	1
AQ431	721325,729384	28.4	15.1	10.7	<1
AQ432	721042,729530	23.4	14.5	10.3	<1
AQ433	716960,732882	25.8	14.7	10.4	<1
AQ434	716920,732809	25.4	14.6	10.4	<1
AQ435	717149,732779	22.6	14.4	10.2	<1
AQ436	716797,733047	25.7	14.7	10.4	<1
AQ437	717034,732955	23.8	14.5	10.3	<1
AQ438	717533,732840	26.5	14.9	10.5	<1
AQ439	716861,732918	25.0	14.6	10.4	<1
AQ440	716775,732983	28.1	15.1	10.7	<1
AQ441	716720,733182	26.1	14.9	10.5	<1
AQ442	716679,733224	27.5	15.0	10.6	<1
AQ443	716671,733112	22.8	14.4	10.2	<1
AQ444	716720,733262	23.6	14.5	10.3	<1

DM (2028)					
Receptor	Receptor Location (ITM)	Annual Mean Conc. ($\mu\text{g}/\text{m}^3$)			No of PM_{10} days > $50 \mu\text{g}/\text{m}^3$
		NO_2	PM_{10}	$\text{PM}_{2.5}$	
AQ445	716905,733264	23.1	14.4	10.3	<1
AQ446	716749,733499	25.3	14.8	10.5	<1
AQ447	717801,732379	23.2	14.4	10.3	<1
AQ448	717789,732262	22.2	14.3	10.2	<1
AQ449	717740,732373	22.2	14.3	10.2	<1
AQ450	718227,732113	22.1	14.3	10.2	<1
AQ451	718180,732087	22.0	14.3	10.2	1
AQ452	717638,732604	23.8	14.6	10.3	<1
AQ453	717672,732640	25.6	14.9	10.5	<1
AQ454	717865,732467	27.8	15.0	10.6	<1
AQ455	717969,732460	23.7	14.5	10.3	<1
AQ456	717758,732685	24.5	14.7	10.4	<1
AQ457	717723,732557	30.3	15.4	10.9	<1
AQ458	719803,730809	24.9	14.4	10.3	<1
AQ459	719666,730769	21.2	14.1	10.1	1
AQ460	720050,730265	21.4	14.2	10.1	1
AQ461	719808,730657	24.2	14.6	10.4	<1
AQ462	719603,730973	22.7	14.3	10.2	<1
AQ463	718950,731485	26.8	15.0	10.6	<1
AQ464	720199,729974	21.2	14.2	10.1	1
AQ465	720300,730013	20.9	14.2	10.1	1
AQ466	716793,733099	28.6	15.2	10.7	<1
AQ467	716566,732892	25.6	14.8	10.5	<1
AQ468	716632,733287	29.0	15.1	10.7	<1
AQ469	716665,733237	28.3	15.1	10.6	<1
AQ470	717793,732770	24.1	14.7	10.4	<1
AQ471	716508,733261	23.3	14.4	10.2	<1
AQ472	717139,732842	25.3	14.8	10.5	<1
AQ473	716891,732794	23.5	14.4	10.3	<1
AQ474	716867,732711	22.8	14.4	10.2	<1
AQ475	717677,732904	23.9	14.5	10.3	<1
AQ476	718174,732126	21.8	14.3	10.2	1
AQ477	717570,732801	25.2	14.7	10.4	<1
AQ478	717726,732769	22.5	14.4	10.2	<1
AQ479	716957,732999	27.0	14.9	10.5	<1
AQ480	716757,732887	25.6	14.8	10.5	<1
AQ481	717104,733065	23.0	14.4	10.3	<1
AQ482	716746,733155	26.1	14.9	10.5	<1

DM (2028)					
Receptor	Receptor Location (ITM)	Annual Mean Conc. ($\mu\text{g}/\text{m}^3$)			No of PM ₁₀ days > 50 $\mu\text{g}/\text{m}^3$
		NO ₂	PM ₁₀	PM _{2.5}	
AQ483	716849,733224	22.8	14.4	10.2	<1
AQ484	718932,731338	21.8	14.3	10.2	1
AQ485	718895,731163	24.8	14.7	10.4	<1
AQ486	719292,731183	23.0	14.4	10.3	<1
AQ487	718831,731467	22.0	14.3	10.2	<1
AQ488	719261,731255	25.3	14.7	10.4	<1
AQ489	718993,731150	22.3	14.3	10.2	<1
AQ490	719224,731163	23.0	14.4	10.2	<1
AQ491	719323,731041	20.9	14.2	10.1	1
AQ492	720711,729410	21.6	14.3	10.2	1
AQ493	721200,728980	21.0	14.2	10.1	1
AQ494	720860,729594	20.9	14.2	10.1	1
AQ495	719591,729559	21.9	14.3	10.2	<1
AQ496	718528,730385	21.5	14.3	10.2	1
AQ497	719130,729776	21.1	14.2	10.1	1
AQ498	718899,729967	20.8	14.2	10.1	1
AQ499	717497,730435	21.2	14.2	10.1	1
AQ500	718112,730935	24.7	14.8	10.5	<1
AQ501	717457,730653	21.8	14.3	10.2	<1
AQ502	717496,730741	22.6	14.4	10.2	<1
AQ503	719988,729851	20.6	14.1	10.1	1
AQ504	719529,729796	21.5	14.3	10.2	1
AQ505	717562,730811	21.6	14.3	10.2	1
AQ506	717754,731351	31.3	15.2	10.8	<1
AQ507	717603,731491	23.1	14.4	10.2	<1
AQ508	719095,731996	21.7	14.3	10.2	1
AQ509	718966,732342	21.1	14.2	10.1	1
AQ510	718710,732579	21.2	14.2	10.1	1
AQ511	718807,732805	21.3	14.2	10.1	1
AQ512	718948,732840	21.0	14.2	10.1	1
AQ513	718326,732891	21.4	14.2	10.1	1
AQ514	718081,732941	21.4	14.2	10.1	1
AQ515	718211,732233	23.5	14.5	10.3	<1
AQ516	717217,731824	22.3	14.3	10.2	1
AQ517	717203,732004	34.5	15.8	11.1	1
AQ518	717074,732044	27.6	14.9	10.6	<1
AQ519	716979,731894	21.5	14.2	10.1	1
AQ520	716860,732265	29.4	15.0	10.6	<1

DM (2028)					
Receptor	Receptor Location (ITM)	Annual Mean Conc. ($\mu\text{g}/\text{m}^3$)			No of PM ₁₀ days > 50 $\mu\text{g}/\text{m}^3$
		NO ₂	PM ₁₀	PM _{2.5}	
AQ521	716757,732314	32.3	15.5	10.9	1
AQ522	717173,732292	22.6	14.3	10.2	<1
AQ523	716425,732552	24.1	14.6	10.3	<1
AQ524	716595,732551	23.7	14.5	10.3	<1
AQ525	716691,732779	22.4	14.3	10.2	<1
AQ526	716703,733409	26.0	14.9	10.5	<1
AQ527	716757,733380	25.0	14.6	10.3	<1
AQ528	717356,733135	23.6	14.5	10.3	<1
AQ529	717389,733060	24.2	14.6	10.4	<1
AQ530	717400,733039	23.8	14.6	10.3	<1
AQ531	717045,733078	24.0	14.6	10.3	<1
AQ532	717020,733103	24.8	14.6	10.4	<1
AQ533	717033,733148	25.6	14.8	10.5	<1
AQ534	716992,733100	26.1	14.8	10.5	<1
AQ535	717017,733263	24.1	14.6	10.3	<1
AQ536	717231,733357	26.6	14.9	10.5	<1
AQ537	717304,733460	24.9	14.7	10.4	<1
AQ538	717389,733425	24.3	14.6	10.4	<1
AQ539	717163,733399	29.5	15.2	10.8	<1
AQ540	717145,733376	27.3	15.0	10.6	<1
AQ541	717236,733483	26.6	14.9	10.5	<1
AQ542	717103,733550	23.3	14.5	10.3	<1
AQ543	717180,733558	28.4	15.2	10.8	<1
AQ544	717106,733602	30.4	15.6	10.9	1
AQ545	716384,733201	27.1	14.9	10.5	<1
AQ546	716414,733255	26.7	14.8	10.5	<1
AQ547	716404,733281	26.2	14.8	10.5	<1
AQ548	716355,732983	23.6	14.5	10.3	<1
AQ549	716297,732978	24.0	14.5	10.3	<1
AQ550	716321,732946	24.0	14.5	10.3	<1
AQ551	716314,732770	44.8	17.2	11.9	1
AQ552	716214,732835	23.5	14.5	10.3	<1
AQ553	716170,733029	42.4	16.5	11.5	1
AQ554	716306,733095	28.1	15.0	10.6	<1
AQ555	716080,733191	53.9	18.1	12.5	2
AQ556	716435,733378	29.1	15.1	10.7	<1
AQ557	716336,733438	29.7	15.2	10.7	<1
AQ558	716243,733445	32.9	15.5	10.9	1

DM (2028)					
Receptor	Receptor Location (ITM)	Annual Mean Conc. ($\mu\text{g}/\text{m}^3$)			No of PM ₁₀ days > 50 $\mu\text{g}/\text{m}^3$
		NO ₂	PM ₁₀	PM _{2.5}	
AQ559	716054,733178	47.0	17.3	12.0	1
AQ560	715958,733213	32.2	15.6	11.0	1
AQ561	715707,733320	42.9	16.8	11.7	1
AQ562	716537,732964	24.2	14.6	10.3	<1
AQ563	719159,731245	23.3	14.5	10.3	<1
AQ564	720598,729334	21.4	14.3	10.1	1
Air Quality Limit Value Objective	40	40	25	35	

In the cumulative 2028 DM scenario annual mean concentrations of NO₂ are above the relevant national air quality limit value objective in some areas; 37 exceedances were modelled at receptors on the R110 Cuffle Street / St. Stephen's Green, the R138 Leeson Street / Morehampton Road / Donnybrook Road / Stillorgan Road, R824 Ailesbury Road, R816 Baggot Street, R118 Pembroke Road, Merrion St Upper and Pearse Street. Annual mean NO₂ concentrations exceed 60 $\mu\text{g}/\text{m}^3$ at one receptor on Merrion St Upper, indicating that exceedances of the NO₂ 1-hour mean may occur. Annual mean PM₁₀ concentrations are below the relevant national air quality limit value objectives for all modelled receptors. At all receptors, modelling of the maximum 24-hour PM₁₀ concentration indicated that there is likely to be no more than three exceedance of the 50 $\mu\text{g}/\text{m}^3$ ambient limit value compared to the threshold which allows 35 daily exceedances in any one calendar year. Annual mean PM_{2.5} concentrations are also below the relevant national air quality limit value objectives for all modelled receptors.

2.2 'Do Something' Scenario

Predicted annual mean concentrations of NO₂, PM₁₀, PM_{2.5} and the number of exceedances of the 24-hour PM₁₀ objective, at all modelled existing air quality sensitive receptors in the cumulative 2028 DS scenario are listed in Table 2.1 Table 2.2. Locations of these receptors are shown in Figures 7.3 – 7.5 in Volume 3 of this EIAR.

Table 2.2: Predicted Cumulative 2028 Do Something Operational Scenario Pollutant Statistics At All Modelled Receptor Locations

DS (2028)					
Receptor	Receptor Location (ITM)	Annual Mean Conc. ($\mu\text{g}/\text{m}^3$)			No of PM ₁₀ days > 50 $\mu\text{g}/\text{m}^3$
		NO ₂	PM ₁₀	PM _{2.5}	
AQ1	721010,729635	24.2	14.6	10.4	<1
AQ2	720977,729665	23.7	14.6	10.4	<1
AQ3	721306,729354	24.3	14.5	10.3	<1
AQ4	720886,729720	21.8	14.3	10.2	<1
AQ5	720812,729814	26.4	15.0	10.6	<1
AQ6	720857,729742	21.8	14.3	10.2	<1
AQ7	720852,729786	25.2	14.9	10.5	<1
AQ8	720751,729872	24.3	14.7	10.4	<1
AQ9	720793,729833	26.2	15.0	10.6	<1
AQ10	720785,729839	27.4	15.1	10.7	<1
AQ11	720743,729877	26.8	15.1	10.6	<1
AQ12	720642,729995	25.2	14.9	10.5	<1

DS (2028)					
Receptor	Receptor Location (ITM)	Annual Mean Conc. ($\mu\text{g}/\text{m}^3$)			No of PM ₁₀ days > 50 $\mu\text{g}/\text{m}^3$
		NO ₂	PM ₁₀	PM _{2.5}	
AQ13	720696,729932	25.3	14.9	10.5	<1
AQ14	720689,729941	25.1	14.8	10.5	<1
AQ15	720744,729834	22.6	14.4	10.2	<1
AQ16	722051,728727	23.9	14.6	10.4	<1
AQ17	718604,731788	21.1	14.2	10.1	1
AQ18	718542,731849	21.2	14.2	10.1	1
AQ19	718578,731811	21.1	14.2	10.1	1
AQ20	718629,731758	21.1	14.2	10.1	1
AQ21	718655,731727	21.2	14.2	10.1	1
AQ22	718408,732046	22.1	14.4	10.2	<1
AQ23	718378,732003	21.4	14.3	10.2	1
AQ24	718370,732074	22.5	14.5	10.3	<1
AQ25	719766,730745	23.0	14.4	10.2	<1
AQ26	718458,730750	34.7	16.1	11.3	1
AQ27	718621,730961	22.2	14.4	10.2	<1
AQ28	718530,730821	22.6	14.4	10.2	<1
AQ29	718644,730983	22.5	14.4	10.2	<1
AQ30	717896,732423	35.4	15.8	11.1	1
AQ31	717756,732518	40.6	16.5	11.5	1
AQ32	717741,732531	45.8	17.1	11.8	1
AQ33	717762,732471	29.8	15.4	10.8	<1
AQ34	717871,732437	35.5	15.8	11.1	1
AQ35	717786,732489	39.2	17.1	11.8	1
AQ36	717691,732499	23.2	14.4	10.3	<1
AQ37	717630,732693	23.0	14.5	10.3	<1
AQ38	717680,732621	23.5	14.6	10.4	<1
AQ39	718337,732111	23.0	14.5	10.3	<1
AQ40	718322,732134	23.4	14.4	10.3	<1
AQ41	718227,732280	23.2	14.5	10.3	<1
AQ42	718274,732236	22.7	14.5	10.3	<1
AQ43	718133,732325	26.6	14.9	10.6	<1
AQ44	718681,731694	21.3	14.2	10.1	1
AQ45	721577,729182	22.1	14.3	10.2	<1
AQ46	721681,729155	21.8	14.3	10.2	1
AQ47	721636,729169	21.9	14.3	10.2	1
AQ48	716603,733291	36.5	15.8	11.1	1
AQ49	721574,729220	25.0	14.7	10.4	<1
AQ50	721529,729195	22.4	14.3	10.2	<1

DS (2028)					
Receptor	Receptor Location (ITM)	Annual Mean Conc. ($\mu\text{g}/\text{m}^3$)			No of PM ₁₀ days > 50 $\mu\text{g}/\text{m}^3$
		NO ₂	PM ₁₀	PM _{2.5}	
AQ51	716629,733338	26.7	14.8	10.5	<1
AQ52	716616,733315	26.5	14.7	10.4	<1
AQ53	716642,733360	26.3	14.8	10.5	<1
AQ54	716626,733276	33.6	15.6	11.0	1
AQ55	721701,729145	21.7	14.3	10.2	1
AQ56	721480,729222	22.6	14.4	10.2	<1
AQ57	721492,729217	23.0	14.4	10.2	<1
AQ58	721546,729226	24.0	14.6	10.3	<1
AQ59	721389,729300	28.0	15.0	10.6	<1
AQ60	721276,729364	22.3	14.3	10.2	<1
AQ61	721364,729304	24.8	14.6	10.4	<1
AQ62	722017,728804	26.0	14.9	10.6	<1
AQ63	722083,728735	23.3	14.5	10.3	<1
AQ64	721962,728989	24.7	14.6	10.4	<1
AQ65	722046,729034	21.2	14.2	10.1	1
AQ66	721963,728897	22.5	14.3	10.2	<1
AQ67	722001,728914	25.6	14.7	10.4	<1
AQ68	721927,728955	21.9	14.3	10.2	1
AQ69	721994,728823	23.4	14.5	10.3	<1
AQ70	722014,728882	25.4	14.7	10.4	<1
AQ71	721807,729134	24.0	14.5	10.3	<1
AQ72	721909,729003	23.3	14.4	10.3	<1
AQ73	721913,729051	24.8	14.6	10.4	<1
AQ74	719986,730399	22.1	14.3	10.2	<1
AQ75	719962,730429	22.5	14.4	10.2	<1
AQ76	719903,730487	23.2	14.4	10.3	<1
AQ77	719918,730468	22.6	14.4	10.2	<1
AQ78	719880,730535	26.1	14.8	10.5	<1
AQ79	719852,730592	26.0	14.8	10.5	<1
AQ80	718761,731677	22.5	14.4	10.3	<1
AQ81	718744,731616	21.4	14.2	10.1	1
AQ82	718894,731536	24.4	14.6	10.3	<1
AQ83	718803,731549	21.8	14.3	10.2	1
AQ84	718817,731610	22.6	14.5	10.3	<1
AQ85	718936,731258	22.5	14.4	10.2	<1
AQ86	719126,731328	24.3	14.5	10.3	<1
AQ87	719054,731389	23.4	14.5	10.3	<1
AQ88	718879,731208	22.9	14.4	10.2	<1

DS (2028)					
Receptor	Receptor Location (ITM)	Annual Mean Conc. ($\mu\text{g}/\text{m}^3$)			No of PM ₁₀ days > 50 $\mu\text{g}/\text{m}^3$
		NO ₂	PM ₁₀	PM _{2.5}	
AQ89	718827,731160	22.7	14.4	10.2	<1
AQ90	719470,731145	22.7	14.5	10.3	<1
AQ91	719567,731080	24.9	14.7	10.4	<1
AQ92	719567,731090	23.8	14.6	10.3	<1
AQ93	719387,731187	22.3	14.4	10.2	<1
AQ94	719426,731168	22.1	14.4	10.2	<1
AQ95	719416,731136	21.6	14.3	10.2	1
AQ96	719370,731167	22.4	14.4	10.2	<1
AQ97	719408,731140	21.6	14.3	10.2	1
AQ98	719649,731004	30.1	15.2	10.7	<1
AQ99	719582,731024	25.2	14.6	10.4	<1
AQ100	719556,731057	23.6	14.5	10.3	<1
AQ101	718774,731109	22.7	14.4	10.2	<1
AQ102	718732,731070	22.5	14.4	10.2	<1
AQ103	719510,731095	23.0	14.5	10.3	<1
AQ104	719498,731128	23.3	14.5	10.3	<1
AQ105	719542,731100	23.9	14.6	10.4	<1
AQ106	718938,731451	24.0	14.6	10.3	<1
AQ107	719000,731418	25.2	14.8	10.5	<1
AQ108	718968,731409	22.1	14.3	10.2	<1
AQ109	716590,733267	32.4	15.5	10.9	1
AQ110	716625,733230	23.5	14.5	10.3	<1
AQ111	716664,733199	24.1	14.6	10.3	<1
AQ112	716680,733177	23.0	14.4	10.3	<1
AQ113	716747,733170	23.0	14.5	10.3	<1
AQ114	716694,733163	22.9	14.4	10.3	<1
AQ115	716647,733216	23.3	14.5	10.3	<1
AQ116	716722,733135	22.9	14.4	10.3	<1
AQ117	716751,733105	23.3	14.5	10.3	<1
AQ118	720217,730221	24.2	14.5	10.3	<1
AQ119	720202,730231	24.7	14.6	10.4	<1
AQ120	720185,730233	25.8	14.7	10.4	<1
AQ121	720253,730170	22.5	14.3	10.2	<1
AQ122	720618,730020	23.7	14.6	10.4	<1
AQ123	720534,730047	23.3	14.6	10.3	<1
AQ124	720133,730277	23.5	14.5	10.3	<1
AQ125	720141,730273	24.0	14.5	10.3	<1
AQ126	716820,733014	26.5	14.8	10.5	<1

DS (2028)					
Receptor	Receptor Location (ITM)	Annual Mean Conc. ($\mu\text{g}/\text{m}^3$)			No of PM ₁₀ days > 50 $\mu\text{g}/\text{m}^3$
		NO ₂	PM ₁₀	PM _{2.5}	
AQ127	716857,732973	43.5	16.7	11.6	1
AQ128	716771,733063	23.5	14.5	10.3	<1
AQ129	716973,732875	23.7	14.5	10.3	<1
AQ130	717326,732600	21.9	14.3	10.2	1
AQ131	717361,732748	22.0	14.3	10.2	<1
AQ132	717387,732675	22.0	14.3	10.2	<1
AQ133	716986,732760	26.2	14.9	10.5	<1
AQ134	716954,732770	24.5	14.6	10.4	<1
AQ135	717387,732804	22.7	14.4	10.3	<1
AQ136	717401,732741	22.1	14.3	10.2	<1
AQ137	717473,732790	23.5	14.5	10.3	<1
AQ138	716897,732967	41.0	16.5	11.5	1
AQ139	716871,732953	38.7	16.2	11.3	1
AQ140	717008,732828	24.4	14.6	10.4	<1
AQ141	716998,732734	23.8	14.5	10.3	<1
AQ142	717014,732885	25.4	14.7	10.4	<1
AQ143	717070,732858	25.8	14.8	10.5	<1
AQ144	717052,732862	25.4	14.7	10.4	<1
AQ145	717201,732832	23.3	14.5	10.3	<1
AQ146	717372,732553	21.7	14.3	10.2	1
AQ147	717206,732773	22.9	14.4	10.3	<1
AQ148	717176,732776	22.6	14.4	10.2	<1
AQ149	717355,732688	22.0	14.3	10.2	<1
AQ150	722023,728903	24.7	14.6	10.4	<1
AQ151	722182,728836	22.4	14.4	10.3	<1
AQ152	722288,729123	22.4	14.4	10.2	<1
AQ153	722283,729163	22.4	14.4	10.2	<1
AQ154	722249,729128	22.1	14.3	10.2	<1
AQ155	721292,729347	23.0	14.4	10.2	<1
AQ156	721190,729246	22.2	14.3	10.2	<1
AQ157	721208,729221	21.6	14.2	10.1	1
AQ158	721177,729217	22.2	14.3	10.2	<1
AQ159	721305,729109	23.7	14.5	10.3	<1
AQ160	721308,729119	23.6	14.5	10.3	<1
AQ161	721477,729173	24.5	14.6	10.4	<1
AQ162	721276,729082	24.7	14.7	10.4	<1
AQ163	721267,729063	22.6	14.4	10.2	<1
AQ164	721161,729097	22.2	14.3	10.2	<1

DS (2028)					
Receptor	Receptor Location (ITM)	Annual Mean Conc. ($\mu\text{g}/\text{m}^3$)			No of PM ₁₀ days > 50 $\mu\text{g}/\text{m}^3$
		NO ₂	PM ₁₀	PM _{2.5}	
AQ165	721159,729124	24.4	14.6	10.4	<1
AQ166	721151,729129	22.7	14.4	10.2	<1
AQ167	721085,729009	21.2	14.2	10.1	1
AQ168	721265,729010	24.3	14.6	10.4	<1
AQ169	721299,728998	23.9	14.6	10.4	<1
AQ170	721278,728876	23.3	14.6	10.3	<1
AQ171	721309,728495	21.9	14.4	10.2	<1
AQ172	721349,728509	22.9	14.5	10.3	<1
AQ173	721316,728755	22.6	14.5	10.3	<1
AQ174	721153,729502	22.4	14.3	10.2	1
AQ175	721097,729513	22.2	14.3	10.2	<1
AQ176	721030,729483	23.5	14.5	10.3	<1
AQ177	721007,729514	21.7	14.3	10.2	1
AQ178	721069,729603	28.8	15.0	10.6	<1
AQ179	720741,729351	22.0	14.3	10.2	<1
AQ180	720715,729361	22.3	14.4	10.2	<1
AQ181	720818,729415	22.4	14.4	10.2	<1
AQ182	720394,729180	21.6	14.3	10.2	<1
AQ183	720195,729122	24.9	14.8	10.5	<1
AQ184	718384,730733	27.9	15.1	10.7	<1
AQ185	718421,730711	31.0	15.5	10.9	1
AQ186	718161,730863	26.2	14.8	10.5	<1
AQ187	718184,730843	25.8	14.8	10.5	<1
AQ188	717727,731393	35.9	16.1	11.3	1
AQ189	717849,731391	37.4	16.5	11.5	1
AQ190	717912,731226	37.3	16.9	11.7	1
AQ191	717721,731288	23.8	14.5	10.3	<1
AQ192	717723,731236	29.1	15.0	10.6	<1
AQ193	717572,731053	25.2	14.9	10.5	<1
AQ194	717335,731069	28.0	15.3	10.8	<1
AQ195	717386,730507	33.3	16.1	11.3	1
AQ196	717352,730507	23.4	14.6	10.3	<1
AQ197	717356,730474	23.0	14.5	10.3	<1
AQ198	718537,730479	26.7	14.9	10.6	<1
AQ199	718628,730471	29.4	15.5	10.9	1
AQ200	718638,730455	28.8	15.5	10.9	<1
AQ201	718992,730135	29.5	15.7	11.0	1
AQ202	719158,729956	31.4	16.2	11.3	1

DS (2028)					
Receptor	Receptor Location (ITM)	Annual Mean Conc. ($\mu\text{g}/\text{m}^3$)			No of PM ₁₀ days > 50 $\mu\text{g}/\text{m}^3$
		NO ₂	PM ₁₀	PM _{2.5}	
AQ203	719523,729576	28.2	15.1	10.7	<1
AQ204	719289,731246	23.2	14.4	10.2	<1
AQ205	720165,730106	23.7	14.5	10.3	<1
AQ206	720175,730095	24.6	14.7	10.4	<1
AQ207	720159,730096	22.6	14.4	10.2	<1
AQ208	720115,729847	23.5	14.6	10.3	<1
AQ209	720096,729856	22.2	14.4	10.2	<1
AQ210	720092,729841	22.4	14.4	10.2	<1
AQ211	719504,731489	23.5	14.5	10.3	<1
AQ212	719300,732368	22.9	14.5	10.3	<1
AQ213	719304,732355	23.1	14.5	10.3	<1
AQ214	719433,732013	23.4	14.5	10.3	<1
AQ215	719398,732042	21.6	14.3	10.2	1
AQ216	719089,731872	21.0	14.2	10.1	1
AQ217	719124,731886	21.7	14.3	10.2	1
AQ218	719076,731892	20.9	14.2	10.1	1
AQ219	719064,731959	20.9	14.2	10.1	1
AQ220	719103,731963	21.5	14.3	10.2	1
AQ221	719338,732234	22.9	14.5	10.3	<1
AQ222	718957,732196	21.4	14.3	10.1	1
AQ223	718942,732421	22.1	14.3	10.2	<1
AQ224	718967,732434	21.9	14.3	10.2	<1
AQ225	718948,732493	21.4	14.2	10.1	1
AQ226	718910,732375	21.1	14.2	10.1	1
AQ227	718848,732613	22.4	14.4	10.2	<1
AQ228	718817,732627	21.4	14.2	10.1	1
AQ229	718865,732630	21.9	14.3	10.2	<1
AQ230	718772,732591	21.1	14.2	10.1	1
AQ231	718635,732412	21.0	14.2	10.1	1
AQ232	718586,732401	21.1	14.2	10.1	1
AQ233	718499,732313	21.6	14.2	10.1	1
AQ234	718413,732223	21.6	14.3	10.2	1
AQ235	718306,732183	24.1	14.6	10.3	<1
AQ236	718309,732152	25.2	14.6	10.4	<1
AQ237	717912,731905	24.4	14.7	10.4	<1
AQ238	718034,731974	21.6	14.3	10.2	1
AQ239	717875,731914	23.0	14.5	10.3	<1
AQ240	717873,731896	22.5	14.4	10.2	<1

DS (2028)					
Receptor	Receptor Location (ITM)	Annual Mean Conc. ($\mu\text{g}/\text{m}^3$)			No of PM ₁₀ days > 50 $\mu\text{g}/\text{m}^3$
		NO ₂	PM ₁₀	PM _{2.5}	
AQ241	717910,731876	23.9	14.7	10.4	<1
AQ242	718850,732830	22.5	14.4	10.3	<1
AQ243	718867,732832	22.7	14.5	10.3	<1
AQ244	718234,732541	25.8	14.7	10.5	<1
AQ245	718265,732628	25.9	14.8	10.5	<1
AQ246	718413,732867	23.2	14.5	10.3	<1
AQ247	718416,732886	23.9	14.5	10.3	<1
AQ248	718443,732866	23.6	14.5	10.3	<1
AQ249	718345,732721	24.0	14.5	10.3	<1
AQ250	718346,732690	24.6	14.6	10.4	<1
AQ251	718403,733212	22.8	14.4	10.3	<1
AQ252	718419,733247	26.4	15.0	10.6	<1
AQ253	718391,733239	22.9	14.5	10.3	<1
AQ254	718413,733140	23.0	14.4	10.3	<1
AQ255	718211,732985	21.5	14.2	10.1	1
AQ256	718090,733020	23.3	14.5	10.3	<1
AQ257	717775,732993	26.3	14.8	10.5	<1
AQ258	717741,732988	23.6	14.5	10.3	<1
AQ259	717795,732934	24.9	14.7	10.4	<1
AQ260	717875,732964	22.9	14.4	10.2	<1
AQ261	717536,732716	22.2	14.4	10.2	<1
AQ262	717596,732880	22.9	14.4	10.2	<1
AQ263	717506,732904	25.4	14.8	10.5	<1
AQ264	717576,732964	23.4	14.5	10.3	<1
AQ265	717572,732928	23.6	14.5	10.3	<1
AQ266	717496,732844	24.0	14.5	10.3	<1
AQ267	717474,732873	23.6	14.5	10.3	<1
AQ268	717380,732604	21.9	14.3	10.2	1
AQ269	717320,732558	21.5	14.2	10.1	1
AQ270	717748,732487	33.9	15.8	11.1	1
AQ271	717329,732374	21.4	14.2	10.1	1
AQ272	717297,732424	21.6	14.2	10.1	1
AQ273	717149,732333	22.4	14.3	10.2	<1
AQ274	717098,732311	22.2	14.3	10.2	1
AQ275	717126,732271	22.0	14.3	10.2	1
AQ276	717198,732617	22.3	14.3	10.2	<1
AQ277	717194,732595	22.0	14.3	10.2	<1
AQ278	717208,732687	22.1	14.3	10.2	<1

DS (2028)					
Receptor	Receptor Location (ITM)	Annual Mean Conc. ($\mu\text{g}/\text{m}^3$)			No of PM ₁₀ days > 50 $\mu\text{g}/\text{m}^3$
		NO ₂	PM ₁₀	PM _{2.5}	
AQ279	717194,732712	23.3	14.5	10.3	<1
AQ280	717170,732722	23.3	14.5	10.3	<1
AQ281	717387,732651	21.8	14.3	10.2	1
AQ282	716885,732329	45.4	16.8	11.7	1
AQ283	716870,732359	27.5	14.8	10.5	<1
AQ284	716883,732402	26.6	14.8	10.5	<1
AQ285	716928,732661	23.8	14.6	10.3	<1
AQ286	716981,732658	23.4	14.5	10.3	<1
AQ287	717123,732623	21.7	14.3	10.2	1
AQ288	717338,732668	21.7	14.3	10.2	1
AQ289	716999,732254	29.5	15.2	10.7	<1
AQ290	716922,732258	33.0	15.6	11.0	1
AQ291	716790,732322	30.8	15.1	10.7	<1
AQ292	716799,732376	36.8	15.7	11.0	1
AQ293	716735,732325	29.2	15.1	10.7	<1
AQ294	717003,732144	27.7	14.9	10.6	<1
AQ295	717176,731954	41.0	16.5	11.5	1
AQ296	717176,731934	40.7	16.4	11.5	1
AQ297	717228,731951	39.3	16.2	11.3	1
AQ298	717237,731890	32.2	15.4	10.8	<1
AQ299	717350,731709	25.4	14.7	10.4	<1
AQ300	717394,731747	35.7	16.2	11.3	1
AQ301	717382,731761	36.0	16.2	11.3	1
AQ302	717450,731652	30.1	15.4	10.8	<1
AQ303	717503,731644	33.1	15.8	11.1	1
AQ304	717500,731661	36.6	16.3	11.4	1
AQ305	717602,731574	39.3	16.4	11.5	1
AQ306	717596,731553	32.1	15.5	10.9	1
AQ307	717211,731994	35.6	15.8	11.1	1
AQ308	717299,732071	23.3	14.4	10.3	<1
AQ309	717329,732053	22.8	14.4	10.2	<1
AQ310	717316,732085	23.5	14.5	10.3	<1
AQ311	716571,732102	25.3	14.7	10.4	<1
AQ312	716537,732082	27.2	14.9	10.5	<1
AQ313	716651,732183	24.0	14.6	10.3	<1
AQ314	716663,732411	27.2	14.9	10.5	<1
AQ315	716702,732455	23.6	14.4	10.3	<1
AQ316	716461,732633	30.9	15.4	10.8	<1

DS (2028)					
Receptor	Receptor Location (ITM)	Annual Mean Conc. ($\mu\text{g}/\text{m}^3$)			No of PM ₁₀ days > 50 $\mu\text{g}/\text{m}^3$
		NO ₂	PM ₁₀	PM _{2.5}	
AQ317	716427,732630	31.6	15.6	11.0	1
AQ318	716458,732652	34.6	15.7	11.0	1
AQ319	716440,732652	32.9	15.6	11.0	1
AQ320	716455,732738	29.6	15.1	10.7	<1
AQ321	716404,732715	44.9	16.8	11.7	1
AQ322	716373,732706	39.9	16.2	11.4	1
AQ323	716416,732588	35.5	16.0	11.2	1
AQ324	716351,732738	37.5	16.0	11.2	1
AQ325	716478,732534	31.0	15.4	10.8	<1
AQ326	716641,732421	27.2	14.9	10.5	<1
AQ327	716572,732541	28.3	15.3	10.8	<1
AQ328	716476,732738	27.4	14.9	10.6	<1
AQ329	716807,732919	27.7	15.0	10.6	<1
AQ330	719191,731684	21.2	14.2	10.1	1
AQ331	719226,731665	20.9	14.2	10.1	1
AQ332	719124,731890	21.7	14.3	10.2	1
AQ333	718955,732135	20.9	14.2	10.1	1
AQ334	718983,732146	21.8	14.3	10.2	<1
AQ335	718926,732183	21.1	14.2	10.1	1
AQ336	719291,732498	24.0	14.6	10.4	<1
AQ337	718931,732441	21.1	14.2	10.1	1
AQ338	718866,732627	21.9	14.3	10.2	<1
AQ339	718824,732642	21.4	14.2	10.1	1
AQ340	718833,732670	21.6	14.3	10.2	1
AQ341	718861,732569	21.7	14.3	10.2	1
AQ342	718940,732296	21.7	14.3	10.2	1
AQ343	718567,732341	21.2	14.2	10.1	1
AQ344	718685,732493	21.1	14.2	10.1	1
AQ345	717819,732112	22.9	14.5	10.3	<1
AQ346	717332,733190	23.9	14.6	10.3	<1
AQ347	717314,733222	24.7	14.7	10.4	<1
AQ348	717345,733236	27.5	15.0	10.6	<1
AQ349	717367,733209	26.1	14.9	10.5	<1
AQ350	717431,733067	23.9	14.6	10.4	<1
AQ351	717719,733073	23.6	14.5	10.3	<1
AQ352	717756,733071	23.9	14.5	10.3	<1
AQ353	717729,733042	24.1	14.6	10.3	<1
AQ354	717571,733317	24.0	14.6	10.4	<1

DS (2028)					
Receptor	Receptor Location (ITM)	Annual Mean Conc. ($\mu\text{g}/\text{m}^3$)			No of PM ₁₀ days > 50 $\mu\text{g}/\text{m}^3$
		NO ₂	PM ₁₀	PM _{2.5}	
AQ355	717588,733351	24.6	14.7	10.4	<1
AQ356	717602,733320	24.5	14.6	10.4	<1
AQ357	717576,733356	25.2	14.7	10.4	<1
AQ358	717671,733237	24.9	14.7	10.4	<1
AQ359	717209,733332	25.3	14.7	10.4	<1
AQ360	717094,733198	24.8	14.6	10.4	<1
AQ361	717062,733199	27.4	15.0	10.6	<1
AQ362	716967,733033	27.3	15.0	10.6	<1
AQ363	716970,733001	27.1	14.9	10.5	<1
AQ364	716841,733039	27.2	14.8	10.5	<1
AQ365	716808,733084	25.9	14.7	10.4	<1
AQ366	717016,733225	24.9	14.7	10.4	<1
AQ367	716993,733246	24.1	14.6	10.3	<1
AQ368	716933,733265	23.9	14.5	10.3	<1
AQ369	716912,733294	24.0	14.5	10.3	<1
AQ370	716932,733309	25.2	14.7	10.4	<1
AQ371	717426,733443	26.5	14.9	10.5	<1
AQ372	717409,733412	23.9	14.5	10.3	<1
AQ373	717243,733527	26.6	14.9	10.5	<1
AQ374	717086,733592	24.1	14.6	10.4	<1
AQ375	716767,733375	24.4	14.6	10.3	<1
AQ376	716773,733398	25.7	14.7	10.4	<1
AQ377	716714,733432	27.2	14.9	10.6	<1
AQ378	716678,733425	25.5	14.7	10.4	<1
AQ379	716659,733243	24.2	14.5	10.3	<1
AQ380	716479,733013	24.4	14.6	10.4	<1
AQ381	716448,733015	24.3	14.6	10.4	<1
AQ382	716443,732949	26.0	14.8	10.5	<1
AQ383	716492,732922	26.1	14.8	10.5	<1
AQ384	716516,732914	25.2	14.7	10.4	<1
AQ385	716487,732910	25.1	14.7	10.4	<1
AQ386	716437,732939	25.9	14.7	10.4	<1
AQ387	716419,732959	24.8	14.6	10.4	<1
AQ388	716372,732821	38.0	16.1	11.3	1
AQ389	716221,732991	36.8	15.9	11.1	1
AQ390	716202,732975	33.5	15.6	10.9	1
AQ391	716188,732996	35.4	15.7	11.1	1
AQ392	716210,733007	39.3	16.1	11.3	1

DS (2028)					
Receptor	Receptor Location (ITM)	Annual Mean Conc. ($\mu\text{g}/\text{m}^3$)			No of PM ₁₀ days > 50 $\mu\text{g}/\text{m}^3$
		NO ₂	PM ₁₀	PM _{2.5}	
AQ393	716326,733088	26.1	14.7	10.4	<1
AQ394	716313,733108	25.2	14.6	10.4	<1
AQ395	716511,733127	23.3	14.5	10.3	<1
AQ396	716366,733211	23.8	14.5	10.3	<1
AQ397	716535,733114	23.4	14.5	10.3	<1
AQ398	716465,733336	28.8	15.2	10.7	<1
AQ399	716442,733348	29.9	15.4	10.8	<1
AQ400	716462,733370	28.6	15.2	10.7	<1
AQ401	716301,733420	46.9	17.4	12.1	1
AQ402	716318,733412	41.7	16.8	11.7	1
AQ403	716308,733403	37.8	16.3	11.4	1
AQ404	716293,733410	40.6	16.7	11.6	1
AQ405	716412,733574	36.8	16.5	11.5	1
AQ406	716072,733165	32.9	15.5	10.9	<1
AQ407	716085,733186	36.2	15.8	11.1	1
AQ408	715914,733234	28.6	15.2	10.7	<1
AQ409	715741,733307	29.5	15.3	10.8	<1
AQ410	715511,733317	30.6	15.4	10.8	<1
AQ411	715479,733323	33.4	15.5	10.9	1
AQ412	716732,732960	25.8	14.8	10.5	<1
AQ413	717573,732572	21.8	14.3	10.2	1
AQ414	717607,732515	21.8	14.3	10.2	1
AQ415	717801,732809	23.3	14.5	10.3	<1
AQ416	717078,733627	24.9	14.7	10.4	<1
AQ417	717110,733929	37.8	16.4	11.5	1
AQ418	717109,733957	44.8	17.3	12.0	1
AQ419	717134,733956	47.1	17.8	12.3	1
AQ420	716355,732847	33.8	15.6	11.0	1
AQ421	716289,732756	32.9	15.8	11.1	1
AQ422	716311,732813	31.4	15.3	10.8	<1
AQ423	715505,733367	32.2	15.6	11.0	1
AQ424	715539,733353	32.8	15.7	11.0	1
AQ425	721442,729180	21.4	14.2	10.1	1
AQ426	720788,729725	20.8	14.2	10.1	1
AQ427	721671,729229	22.6	14.4	10.2	<1
AQ428	721615,729108	20.8	14.1	10.1	1
AQ429	721742,729058	20.8	14.1	10.1	1
AQ430	721416,729314	27.6	14.9	10.5	<1

DS (2028)					
Receptor	Receptor Location (ITM)	Annual Mean Conc. ($\mu\text{g}/\text{m}^3$)			No of PM ₁₀ days > 50 $\mu\text{g}/\text{m}^3$
		NO ₂	PM ₁₀	PM _{2.5}	
AQ431	721325,729384	24.7	14.6	10.3	<1
AQ432	721042,729530	22.2	14.3	10.2	<1
AQ433	716960,732882	24.0	14.5	10.3	<1
AQ434	716920,732809	25.2	14.6	10.4	<1
AQ435	717149,732779	22.2	14.3	10.2	<1
AQ436	716797,733047	25.2	14.6	10.4	<1
AQ437	717034,732955	24.0	14.5	10.3	<1
AQ438	717533,732840	26.4	14.7	10.4	<1
AQ439	716861,732918	25.0	14.6	10.4	<1
AQ440	716775,732983	27.5	15.0	10.6	<1
AQ441	716720,733182	23.5	14.6	10.3	<1
AQ442	716679,733224	24.5	14.6	10.4	<1
AQ443	716671,733112	22.4	14.3	10.2	<1
AQ444	716720,733262	22.8	14.4	10.2	<1
AQ445	716905,733264	24.0	14.5	10.3	<1
AQ446	716749,733499	26.0	14.8	10.5	<1
AQ447	717801,732379	22.2	14.3	10.2	<1
AQ448	717789,732262	21.7	14.2	10.1	1
AQ449	717740,732373	21.7	14.2	10.1	1
AQ450	718227,732113	22.0	14.3	10.2	1
AQ451	718180,732087	22.3	14.3	10.2	1
AQ452	717638,732604	22.5	14.4	10.2	<1
AQ453	717672,732640	23.6	14.7	10.4	<1
AQ454	717865,732467	24.5	14.6	10.3	<1
AQ455	717969,732460	22.5	14.3	10.2	<1
AQ456	717758,732685	23.6	14.4	10.3	<1
AQ457	717723,732557	29.3	15.1	10.7	<1
AQ458	719803,730809	24.8	14.6	10.3	<1
AQ459	719666,730769	20.9	14.2	10.1	1
AQ460	720050,730265	20.9	14.2	10.1	1
AQ461	719808,730657	23.4	14.5	10.3	<1
AQ462	719603,730973	22.4	14.3	10.2	<1
AQ463	718950,731485	24.0	14.6	10.3	<1
AQ464	720199,729974	21.0	14.2	10.1	1
AQ465	720300,730013	20.7	14.1	10.1	1
AQ466	716793,733099	26.1	14.8	10.5	<1
AQ467	716566,732892	24.8	14.7	10.4	<1
AQ468	716632,733287	26.6	14.8	10.5	<1

DS (2028)					
Receptor	Receptor Location (ITM)	Annual Mean Conc. ($\mu\text{g}/\text{m}^3$)			No of PM ₁₀ days > 50 $\mu\text{g}/\text{m}^3$
		NO ₂	PM ₁₀	PM _{2.5}	
AQ469	716665,733237	24.9	14.7	10.4	<1
AQ470	717793,732770	23.0	14.4	10.3	<1
AQ471	716508,733261	22.5	14.3	10.2	<1
AQ472	717139,732842	23.4	14.5	10.3	<1
AQ473	716891,732794	23.4	14.4	10.3	<1
AQ474	716867,732711	22.9	14.4	10.3	<1
AQ475	717677,732904	23.6	14.5	10.3	<1
AQ476	718174,732126	21.9	14.3	10.2	1
AQ477	717570,732801	24.4	14.6	10.3	<1
AQ478	717726,732769	21.9	14.3	10.2	<1
AQ479	716957,732999	29.3	15.1	10.7	<1
AQ480	716757,732887	26.7	15.0	10.6	<1
AQ481	717104,733065	23.1	14.5	10.3	<1
AQ482	716746,733155	23.6	14.6	10.3	<1
AQ483	716849,733224	22.7	14.4	10.2	<1
AQ484	718932,731338	21.2	14.2	10.1	1
AQ485	718895,731163	23.7	14.5	10.3	<1
AQ486	719292,731183	22.0	14.3	10.2	1
AQ487	718831,731467	21.4	14.2	10.1	1
AQ488	719261,731255	23.2	14.4	10.2	<1
AQ489	718993,731150	21.8	14.3	10.2	1
AQ490	719224,731163	22.2	14.3	10.2	1
AQ491	719323,731041	20.6	14.1	10.1	1
AQ492	720711,729410	21.4	14.2	10.1	1
AQ493	721200,728980	21.6	14.2	10.1	1
AQ494	720860,729594	20.6	14.1	10.1	1
AQ495	719591,729559	21.2	14.2	10.1	1
AQ496	718528,730385	21.0	14.2	10.1	1
AQ497	719130,729776	20.7	14.2	10.1	1
AQ498	718899,729967	20.5	14.1	10.1	1
AQ499	717497,730435	21.5	14.3	10.2	1
AQ500	718112,730935	24.0	14.6	10.3	<1
AQ501	717457,730653	22.2	14.4	10.2	<1
AQ502	717496,730741	22.8	14.4	10.3	<1
AQ503	719988,729851	20.5	14.1	10.1	1
AQ504	719529,729796	21.1	14.2	10.1	1
AQ505	717562,730811	21.6	14.3	10.2	1
AQ506	717754,731351	27.6	14.9	10.5	<1

DS (2028)					
Receptor	Receptor Location (ITM)	Annual Mean Conc. ($\mu\text{g}/\text{m}^3$)			No of PM ₁₀ days > 50 $\mu\text{g}/\text{m}^3$
		NO ₂	PM ₁₀	PM _{2.5}	
AQ507	717603,731491	23.0	14.4	10.3	<1
AQ508	719095,731996	21.4	14.2	10.1	1
AQ509	718966,732342	20.9	14.2	10.1	1
AQ510	718710,732579	21.0	14.2	10.1	1
AQ511	718807,732805	21.1	14.2	10.1	1
AQ512	718948,732840	20.9	14.2	10.1	1
AQ513	718326,732891	21.4	14.2	10.1	1
AQ514	718081,732941	21.2	14.2	10.1	1
AQ515	718211,732233	22.1	14.4	10.2	<1
AQ516	717217,731824	22.0	14.3	10.2	1
AQ517	717203,732004	33.4	15.6	11.0	1
AQ518	717074,732044	26.8	14.8	10.5	<1
AQ519	716979,731894	21.4	14.2	10.1	1
AQ520	716860,732265	27.1	14.8	10.5	<1
AQ521	716757,732314	31.8	15.4	10.9	<1
AQ522	717173,732292	22.0	14.3	10.2	1
AQ523	716425,732552	23.7	14.5	10.3	<1
AQ524	716595,732551	22.5	14.4	10.2	<1
AQ525	716691,732779	22.2	14.3	10.2	<1
AQ526	716703,733409	26.6	14.9	10.5	<1
AQ527	716757,733380	25.7	14.7	10.4	<1
AQ528	717356,733135	23.5	14.5	10.3	<1
AQ529	717389,733060	24.6	14.7	10.4	<1
AQ530	717400,733039	23.9	14.6	10.4	<1
AQ531	717045,733078	24.7	14.7	10.4	<1
AQ532	717020,733103	26.6	14.9	10.5	<1
AQ533	717033,733148	28.4	15.1	10.7	<1
AQ534	716992,733100	28.9	15.2	10.7	<1
AQ535	717017,733263	26.6	14.8	10.5	<1
AQ536	717231,733357	26.9	14.9	10.6	<1
AQ537	717304,733460	25.4	14.7	10.4	<1
AQ538	717389,733425	24.5	14.6	10.4	<1
AQ539	717163,733399	30.8	15.4	10.8	<1
AQ540	717145,733376	28.7	15.1	10.7	<1
AQ541	717236,733483	27.8	15.0	10.6	<1
AQ542	717103,733550	23.2	14.5	10.3	<1
AQ543	717180,733558	28.4	15.2	10.7	<1
AQ544	717106,733602	30.4	15.5	10.9	1

DS (2028)					
Receptor	Receptor Location (ITM)	Annual Mean Conc. ($\mu\text{g}/\text{m}^3$)			No of PM ₁₀ days > 50 $\mu\text{g}/\text{m}^3$
		NO ₂	PM ₁₀	PM _{2.5}	
AQ545	716384,733201	25.7	14.8	10.5	<1
AQ546	716414,733255	25.4	14.8	10.5	<1
AQ547	716404,733281	24.9	14.7	10.4	<1
AQ548	716355,732983	22.8	14.4	10.2	<1
AQ549	716297,732978	23.1	14.4	10.2	<1
AQ550	716321,732946	23.0	14.4	10.2	<1
AQ551	716314,732770	38.6	16.3	11.4	1
AQ552	716214,732835	22.6	14.4	10.2	<1
AQ553	716170,733029	34.0	15.5	10.9	1
AQ554	716306,733095	27.2	14.8	10.5	<1
AQ555	716080,733191	44.5	16.7	11.7	1
AQ556	716435,733378	25.9	14.8	10.5	<1
AQ557	716336,733438	31.2	15.3	10.8	<1
AQ558	716243,733445	34.2	15.7	11.0	1
AQ559	716054,733178	40.8	16.3	11.4	1
AQ560	715958,733213	30.1	15.4	10.9	<1
AQ561	715707,733320	42.6	16.7	11.6	1
AQ562	716537,732964	23.8	14.5	10.3	<1
AQ563	719159,731245	21.7	14.3	10.2	1
AQ564	720598,729334	20.9	14.2	10.1	1
Air Quality Limit Value Objective	40	40	25	35	

In the cumulative 2028 DS scenario annual mean concentrations of NO₂ are above the relevant national air quality limit value objective in some areas; 16 exceedances were modelled at receptors on the R110 Cuffle Street / St. Stephen's Green, the R138 Leeson Street / Morehampton Road / Donnybrook Road / Stillorgan Road, R824 Ailesbury Road, R816 Baggot Street, R118 Pembroke Road, Merrion St Upper and Pearse Street. This is a decrease from the 37 exceedances modelled in the DM scenario. Annual mean NO₂ concentrations did not exceed 60 $\mu\text{g}/\text{m}^3$, indicating that exceedances of the NO₂ 1-hour mean are unlikely to occur. Annual mean PM₁₀ concentrations are below the relevant national air quality limit value objective for all modelled receptors. At all receptors, modelling of the maximum 24-hour PM₁₀ concentration indicated that there is likely to be no more than one exceedance of the 50 $\mu\text{g}/\text{m}^3$ ambient limit value compared to the threshold which allows 35 daily exceedances in any one calendar year. Annual mean PM_{2.5} concentrations are also below the relevant national air quality limit value objective for all modelled receptors.

2.3 Comparison of Do Something with Do Minimum

Table 2.3 provides the predicted change in and impact on pollutant concentrations, between the cumulative DM and DS in 2028. Pollutant concentrations have been outlined to one decimal place, where '<0.1' is reported, the pollutant concentration is considered to be less than this amount (i.e. two or more decimal places).

Table 2.3: Predicted Changes in Cumulative Operational DM and DS and Impact Significance Criteria At All Modelled Receptor Locations

Receptor	Receptor Location (ITM)	Change in Annual Mean Conc. ($\mu\text{g}/\text{m}^3$)			Change in No of PM_{10} days > 50 $\mu\text{g}/\text{m}^3$	Impact on Annual Mean Conc.		
		NO_2	PM_{10}	$\text{PM}_{2.5}$		NO_2	PM_{10}	$\text{PM}_{2.5}$
AQ1	721010,729635	-2.3	-0.4	-0.2	<1	Negligible	Negligible	Negligible
AQ2	721010,729636	-2.3	-0.3	-0.2	<1	Negligible	Negligible	Negligible
AQ3	721010,729637	-4.3	-0.5	-0.3	<1	Slight Beneficial	Negligible	Negligible
AQ4	721010,729638	-1.1	-0.2	-0.1	<1	Negligible	Negligible	Negligible
AQ5	721010,729639	-6.1	-0.9	-0.5	<1	Slight Beneficial	Negligible	Negligible
AQ6	721010,729640	-1.2	-0.2	-0.1	<1	Negligible	Negligible	Negligible
AQ7	721010,729641	-4.2	-0.6	-0.4	<1	Slight Beneficial	Negligible	Negligible
AQ8	721010,729642	-3.0	-0.4	-0.2	<1	Negligible	Negligible	Negligible
AQ9	721010,729643	-5.8	-0.8	-0.5	<1	Slight Beneficial	Negligible	Negligible
AQ10	721010,729644	-7.3	-1.0	-0.6	<1	Slight Beneficial	Negligible	Negligible
AQ11	721010,729645	-5.5	-0.8	-0.5	<1	Slight Beneficial	Negligible	Negligible
AQ12	721010,729646	-4.8	-0.7	-0.4	<1	Slight Beneficial	Negligible	Negligible
AQ13	721010,729647	-5.1	-0.8	-0.5	<1	Slight Beneficial	Negligible	Negligible
AQ14	721010,729648	-5.0	-0.7	-0.4	<1	Slight Beneficial	Negligible	Negligible
AQ15	721010,729649	-1.3	-0.2	-0.1	<1	Negligible	Negligible	Negligible
AQ16	721010,729650	-2.2	-0.3	-0.2	<1	Negligible	Negligible	Negligible
AQ17	721010,729651	-1.1	-0.2	-0.1	<1	Negligible	Negligible	Negligible
AQ18	721010,729652	-1.2	-0.2	-0.1	<1	Negligible	Negligible	Negligible
AQ19	721010,729653	-1.1	-0.1	-0.1	<1	Negligible	Negligible	Negligible
AQ20	721010,729654	-1.1	-0.1	-0.1	<1	Negligible	Negligible	Negligible
AQ21	721010,729655	-1.2	-0.1	-0.1	<1	Negligible	Negligible	Negligible
AQ22	721010,729656	-2.9	-0.3	-0.2	<1	Negligible	Negligible	Negligible
AQ23	721010,729657	-1.4	-0.2	-0.1	<1	Negligible	Negligible	Negligible
AQ24	721010,729658	-3.7	-0.4	-0.3	<1	Negligible	Negligible	Negligible
AQ25	721010,729659	-0.3	-0.1	<0.1	<1	Negligible	Negligible	Negligible
AQ26	721010,729660	-6.2	-1.3	-0.7	<1	Substantial Beneficial	Negligible	Negligible
AQ27	721010,729661	-2.2	-0.3	-0.1	<1	Negligible	Negligible	Negligible
AQ28	721010,729662	-2.6	-0.4	-0.2	<1	Negligible	Negligible	Negligible
AQ29	721010,729663	-2.4	-0.3	-0.2	<1	Negligible	Negligible	Negligible
AQ30	721010,729664	-7.4	-1.2	-0.8	<1	Substantial Beneficial	Negligible	Negligible
AQ31	721010,729665	-5.8	-0.9	-0.6	<1	Substantial Beneficial	Negligible	Negligible
AQ32	721010,729666	-5.6	-1.2	-0.8	-1	Substantial Beneficial	Negligible	Negligible
AQ33	721010,729667	-7.0	-0.8	-0.5	<1	Moderate Beneficial	Negligible	Negligible
AQ34	721010,729668	-9.2	-1.5	-0.9	<1	Substantial Beneficial	Negligible	Negligible
AQ35	721010,729669	-21.6	-2.6	-1.7	-2	Substantial Beneficial	Negligible	Negligible
AQ36	721010,729670	-1.0	-0.1	-0.1	<1	Negligible	Negligible	Negligible

Receptor	Receptor Location (ITM)	Change in Annual Mean Conc. ($\mu\text{g}/\text{m}^3$)			Change in No of PM_{10} days > 50 $\mu\text{g}/\text{m}^3$	Impact on Annual Mean Conc.		
		NO_2	PM_{10}	$\text{PM}_{2.5}$		NO_2	PM_{10}	$\text{PM}_{2.5}$
AQ37	721010,729671	-1.7	-0.2	-0.1	<1	Negligible	Negligible	Negligible
AQ38	721010,729672	-1.9	-0.2	-0.1	<1	Negligible	Negligible	Negligible
AQ39	721010,729673	-4.4	-0.5	-0.3	<1	Slight Beneficial	Negligible	Negligible
AQ40	721010,729674	-2.3	-0.3	-0.2	<1	Negligible	Negligible	Negligible
AQ41	721010,729675	-2.0	-0.3	-0.2	<1	Negligible	Negligible	Negligible
AQ42	721010,729676	-2.1	-0.2	-0.2	<1	Negligible	Negligible	Negligible
AQ43	721010,729677	-2.4	-0.3	-0.2	<1	Negligible	Negligible	Negligible
AQ44	721010,729678	-1.4	-0.2	-0.1	<1	Negligible	Negligible	Negligible
AQ45	721010,729679	-1.9	-0.3	-0.2	<1	Negligible	Negligible	Negligible
AQ46	721010,729680	-1.6	-0.2	-0.1	<1	Negligible	Negligible	Negligible
AQ47	721010,729681	-1.8	-0.3	-0.2	<1	Negligible	Negligible	Negligible
AQ48	721010,729682	-9.4	-0.9	-0.5	<1	Substantial Beneficial	Negligible	Negligible
AQ49	721010,729683	-6.1	-0.9	-0.5	<1	Slight Beneficial	Negligible	Negligible
AQ50	721010,729684	-1.7	-0.2	-0.1	<1	Negligible	Negligible	Negligible
AQ51	721010,729685	-0.2	-0.1	-0.1	<1	Negligible	Negligible	Negligible
AQ52	721010,729686	-1.0	-0.2	-0.1	<1	Negligible	Negligible	Negligible
AQ53	721010,729687	-0.1	-0.1	-0.1	<1	Negligible	Negligible	Negligible
AQ54	721010,729688	-5.2	-0.7	-0.4	<1	Moderate Beneficial	Negligible	Negligible
AQ55	721010,729689	-1.6	-0.2	-0.1	<1	Negligible	Negligible	Negligible
AQ56	721010,729690	-1.5	-0.2	-0.1	<1	Negligible	Negligible	Negligible
AQ57	721010,729691	-1.4	-0.2	-0.1	<1	Negligible	Negligible	Negligible
AQ58	721010,729692	-4.2	-0.6	-0.4	<1	Slight Beneficial	Negligible	Negligible
AQ59	721010,729693	-2.8	-0.5	-0.3	<1	Slight Beneficial	Negligible	Negligible
AQ60	721010,729694	-1.5	-0.2	-0.1	<1	Negligible	Negligible	Negligible
AQ61	721010,729695	-1.6	-0.3	-0.2	<1	Negligible	Negligible	Negligible
AQ62	721010,729696	-4.3	-0.6	-0.4	<1	Slight Beneficial	Negligible	Negligible
AQ63	721010,729697	-2.2	-0.3	-0.2	<1	Negligible	Negligible	Negligible
AQ64	721010,729698	-4.3	-0.6	-0.3	<1	Slight Beneficial	Negligible	Negligible
AQ65	721010,729699	-0.8	-0.1	-0.1	<1	Negligible	Negligible	Negligible
AQ66	721010,729700	-1.8	-0.2	-0.1	<1	Negligible	Negligible	Negligible
AQ67	721010,729701	-4.3	-0.6	-0.4	<1	Slight Beneficial	Negligible	Negligible
AQ68	721010,729702	-1.6	-0.2	-0.1	<1	Negligible	Negligible	Negligible
AQ69	721010,729703	-2.4	-0.3	-0.2	<1	Negligible	Negligible	Negligible
AQ70	721010,729704	-3.4	-0.5	-0.3	<1	Negligible	Negligible	Negligible
AQ71	721010,729705	-3.9	-0.6	-0.3	<1	Negligible	Negligible	Negligible
AQ72	721010,729706	-3.6	-0.5	-0.3	<1	Negligible	Negligible	Negligible
AQ73	721010,729707	-3.8	-0.6	-0.3	<1	Negligible	Negligible	Negligible
AQ74	721010,729708	-1.3	-0.2	-0.1	<1	Negligible	Negligible	Negligible

Receptor	Receptor Location (ITM)	Change in Annual Mean Conc. ($\mu\text{g}/\text{m}^3$)			Change in No of PM_{10} days > 50 $\mu\text{g}/\text{m}^3$	Impact on Annual Mean Conc.		
		NO_2	PM_{10}	$\text{PM}_{2.5}$		NO_2	PM_{10}	$\text{PM}_{2.5}$
AQ75	721010,729709	-1.5	-0.2	-0.1	<1	Negligible	Negligible	Negligible
AQ76	721010,729710	-1.0	-0.1	-0.1	<1	Negligible	Negligible	Negligible
AQ77	721010,729711	-1.1	-0.1	-0.1	<1	Negligible	Negligible	Negligible
AQ78	721010,729712	-1.2	-0.2	-0.1	<1	Negligible	Negligible	Negligible
AQ79	721010,729713	-1.1	-0.2	-0.1	<1	Negligible	Negligible	Negligible
AQ80	721010,729714	-3.2	-0.4	-0.2	<1	Negligible	Negligible	Negligible
AQ81	721010,729715	-1.3	-0.1	-0.1	<1	Negligible	Negligible	Negligible
AQ82	721010,729716	-2.0	-0.3	-0.2	<1	Negligible	Negligible	Negligible
AQ83	721010,729717	-1.1	-0.1	-0.1	<1	Negligible	Negligible	Negligible
AQ84	721010,729718	-3.4	-0.4	-0.2	<1	Negligible	Negligible	Negligible
AQ85	721010,729719	-1.1	-0.2	-0.1	<1	Negligible	Negligible	Negligible
AQ86	721010,729720	-3.0	-0.4	-0.3	<1	Negligible	Negligible	Negligible
AQ87	721010,729721	-3.5	-0.5	-0.3	<1	Negligible	Negligible	Negligible
AQ88	721010,729722	-1.0	-0.2	-0.1	<1	Negligible	Negligible	Negligible
AQ89	721010,729723	-1.1	-0.2	-0.1	<1	Negligible	Negligible	Negligible
AQ90	721010,729724	-4.2	-0.5	-0.3	<1	Slight Beneficial	Negligible	Negligible
AQ91	721010,729725	-3.7	-0.5	-0.3	<1	Negligible	Negligible	Negligible
AQ92	721010,729726	-2.5	-0.3	-0.2	<1	Negligible	Negligible	Negligible
AQ93	721010,729727	-2.8	-0.3	-0.2	<1	Negligible	Negligible	Negligible
AQ94	721010,729728	-3.1	-0.3	-0.2	<1	Negligible	Negligible	Negligible
AQ95	721010,729729	-1.8	-0.2	-0.1	<1	Negligible	Negligible	Negligible
AQ96	721010,729730	-2.6	-0.3	-0.2	<1	Negligible	Negligible	Negligible
AQ97	721010,729731	-1.9	-0.2	-0.1	<1	Negligible	Negligible	Negligible
AQ98	721010,729732	-4.5	-0.7	-0.4	<1	Slight Beneficial	Negligible	Negligible
AQ99	721010,729733	0.1	<0.1	<0.1	<1	Negligible	Negligible	Negligible
AQ100	721010,729734	-2.0	-0.3	-0.2	<1	Negligible	Negligible	Negligible
AQ101	721010,729735	-1.2	-0.2	-0.1	<1	Negligible	Negligible	Negligible
AQ102	721010,729736	-1.2	-0.2	-0.1	<1	Negligible	Negligible	Negligible
AQ103	721010,729737	-2.5	-0.3	-0.2	<1	Negligible	Negligible	Negligible
AQ104	721010,729738	-4.2	-0.5	-0.3	<1	Slight Beneficial	Negligible	Negligible
AQ105	721010,729739	-4.3	-0.5	-0.3	<1	Slight Beneficial	Negligible	Negligible
AQ106	721010,729740	-3.0	-0.4	-0.3	<1	Negligible	Negligible	Negligible
AQ107	721010,729741	-6.8	-1.0	-0.6	<1	Slight Beneficial	Negligible	Negligible
AQ108	721010,729742	-1.8	-0.3	-0.2	<1	Negligible	Negligible	Negligible
AQ109	721010,729743	-5.2	-0.5	-0.3	<1	Moderate Beneficial	Negligible	Negligible
AQ110	721010,729744	-1.2	-0.1	-0.1	<1	Negligible	Negligible	Negligible
AQ111	721010,729745	-1.5	-0.2	-0.1	<1	Negligible	Negligible	Negligible
AQ112	721010,729746	-1.3	-0.1	-0.1	<1	Negligible	Negligible	Negligible

Receptor	Receptor Location (ITM)	Change in Annual Mean Conc. ($\mu\text{g}/\text{m}^3$)			Change in No of PM_{10} days > 50 $\mu\text{g}/\text{m}^3$	Impact on Annual Mean Conc.		
		NO_2	PM_{10}	$\text{PM}_{2.5}$		NO_2	PM_{10}	$\text{PM}_{2.5}$
AQ113	721010,729747	-1.6	-0.2	-0.1	<1	Negligible	Negligible	Negligible
AQ114	721010,729748	-1.3	-0.1	-0.1	<1	Negligible	Negligible	Negligible
AQ115	721010,729749	-1.1	-0.1	-0.1	<1	Negligible	Negligible	Negligible
AQ116	721010,729750	-1.3	-0.1	-0.1	<1	Negligible	Negligible	Negligible
AQ117	721010,729751	-1.2	-0.1	-0.1	<1	Negligible	Negligible	Negligible
AQ118	721010,729752	-1.3	-0.2	-0.1	<1	Negligible	Negligible	Negligible
AQ119	721010,729753	-1.3	-0.2	-0.1	<1	Negligible	Negligible	Negligible
AQ120	721010,729754	-1.2	-0.2	-0.1	<1	Negligible	Negligible	Negligible
AQ121	721010,729755	-0.8	-0.1	-0.1	<1	Negligible	Negligible	Negligible
AQ122	721010,729756	-2.8	-0.4	-0.2	<1	Negligible	Negligible	Negligible
AQ123	721010,729757	-4.0	-0.6	-0.3	<1	Slight Beneficial	Negligible	Negligible
AQ124	721010,729758	-1.6	-0.2	-0.1	<1	Negligible	Negligible	Negligible
AQ125	721010,729759	-1.6	-0.3	-0.2	<1	Negligible	Negligible	Negligible
AQ126	721010,729760	-0.4	-0.1	-0.1	<1	Negligible	Negligible	Negligible
AQ127	721010,729761	1.4	<0.1	<0.1	<1	Slight Adverse	Negligible	Negligible
AQ128	721010,729762	-0.4	-0.1	<0.1	<1	Negligible	Negligible	Negligible
AQ129	721010,729763	-1.4	-0.1	-0.1	<1	Negligible	Negligible	Negligible
AQ130	721010,729764	-0.4	<0.1	<0.1	<1	Negligible	Negligible	Negligible
AQ131	721010,729765	-0.9	-0.1	-0.1	<1	Negligible	Negligible	Negligible
AQ132	721010,729766	-0.8	-0.1	-0.1	<1	Negligible	Negligible	Negligible
AQ133	721010,729767	0.3	0.1	0.1	<1	Negligible	Negligible	Negligible
AQ134	721010,729768	-0.2	<0.1	<0.1	<1	Negligible	Negligible	Negligible
AQ135	721010,729769	-2.3	-0.4	-0.2	<1	Negligible	Negligible	Negligible
AQ136	721010,729770	-0.9	-0.1	-0.1	<1	Negligible	Negligible	Negligible
AQ137	721010,729771	-1.6	-0.3	-0.2	<1	Negligible	Negligible	Negligible
AQ138	721010,729772	-1.1	-0.3	-0.2	<1	Slight Beneficial	Negligible	Negligible
AQ139	721010,729773	-0.3	-0.2	-0.1	<1	Negligible	Negligible	Negligible
AQ140	721010,729774	-0.8	<0.1	<0.1	<1	Negligible	Negligible	Negligible
AQ141	721010,729775	0.1	0.1	<0.1	<1	Negligible	Negligible	Negligible
AQ142	721010,729776	-2.5	-0.3	-0.2	<1	Negligible	Negligible	Negligible
AQ143	721010,729777	-1.6	-0.3	-0.2	<1	Negligible	Negligible	Negligible
AQ144	721010,729778	-1.8	-0.3	-0.2	<1	Negligible	Negligible	Negligible
AQ145	721010,729779	-2.0	-0.3	-0.2	<1	Negligible	Negligible	Negligible
AQ146	721010,729780	-0.5	-0.1	<0.1	<1	Negligible	Negligible	Negligible
AQ147	721010,729781	<0.1	<0.1	<0.1	<1	Negligible	Negligible	Negligible
AQ148	721010,729782	-0.2	<0.1	<0.1	<1	Negligible	Negligible	Negligible
AQ149	721010,729783	-0.7	-0.1	-0.1	<1	Negligible	Negligible	Negligible
AQ150	721010,729784	-3.0	-0.4	-0.2	<1	Negligible	Negligible	Negligible

Receptor	Receptor Location (ITM)	Change in Annual Mean Conc. ($\mu\text{g}/\text{m}^3$)			Change in No of PM_{10} days > 50 $\mu\text{g}/\text{m}^3$	Impact on Annual Mean Conc.		
		NO_2	PM_{10}	$\text{PM}_{2.5}$		NO_2	PM_{10}	$\text{PM}_{2.5}$
AQ151	721010,729785	-1.9	-0.3	-0.2	<1	Negligible	Negligible	Negligible
AQ152	721010,729786	-0.2	<0.1	<0.1	<1	Negligible	Negligible	Negligible
AQ153	721010,729787	-0.4	-0.1	-0.1	<1	Negligible	Negligible	Negligible
AQ154	721010,729788	-0.3	-0.1	<0.1	<1	Negligible	Negligible	Negligible
AQ155	721010,729789	-1.8	-0.2	-0.1	<1	Negligible	Negligible	Negligible
AQ156	721010,729790	0.8	0.1	0.1	<1	Negligible	Negligible	Negligible
AQ157	721010,729791	0.5	0.1	<0.1	<1	Negligible	Negligible	Negligible
AQ158	721010,729792	1.0	0.1	0.1	<1	Negligible	Negligible	Negligible
AQ159	721010,729793	0.7	0.1	<0.1	<1	Negligible	Negligible	Negligible
AQ160	721010,729794	0.6	0.1	<0.1	<1	Negligible	Negligible	Negligible
AQ161	721010,729795	0.9	0.1	0.1	<1	Negligible	Negligible	Negligible
AQ162	721010,729796	1.9	0.2	0.1	<1	Negligible	Negligible	Negligible
AQ163	721010,729797	0.8	0.1	0.1	<1	Negligible	Negligible	Negligible
AQ164	721010,729798	1.1	0.1	0.1	<1	Negligible	Negligible	Negligible
AQ165	721010,729799	2.5	0.3	0.2	<1	Negligible	Negligible	Negligible
AQ166	721010,729800	1.4	0.2	0.1	<1	Negligible	Negligible	Negligible
AQ167	721010,729801	0.5	0.1	<0.1	<1	Negligible	Negligible	Negligible
AQ168	721010,729802	1.6	0.2	0.1	<1	Negligible	Negligible	Negligible
AQ169	721010,729803	1.2	0.2	0.1	<1	Negligible	Negligible	Negligible
AQ170	721010,729804	1.1	0.2	0.1	<1	Negligible	Negligible	Negligible
AQ171	721010,729805	0.7	0.1	0.1	<1	Negligible	Negligible	Negligible
AQ172	721010,729806	1.0	0.2	0.1	<1	Negligible	Negligible	Negligible
AQ173	721010,729807	0.9	0.2	0.1	<1	Negligible	Negligible	Negligible
AQ174	721010,729808	-1.3	-0.2	-0.1	<1	Negligible	Negligible	Negligible
AQ175	721010,729809	-1.2	-0.2	-0.1	<1	Negligible	Negligible	Negligible
AQ176	721010,729810	0.2	<0.1	<0.1	<1	Negligible	Negligible	Negligible
AQ177	721010,729811	-1.2	-0.2	-0.1	<1	Negligible	Negligible	Negligible
AQ178	721010,729812	-1.4	-0.6	-0.3	<1	Negligible	Negligible	Negligible
AQ179	721010,729813	-1.1	-0.1	-0.1	<1	Negligible	Negligible	Negligible
AQ180	721010,729814	-1.1	-0.1	-0.1	<1	Negligible	Negligible	Negligible
AQ181	721010,729815	-1.1	-0.2	-0.1	<1	Negligible	Negligible	Negligible
AQ182	721010,729816	-0.5	-0.1	<0.1	<1	Negligible	Negligible	Negligible
AQ183	721010,729817	1.8	0.2	0.1	<1	Negligible	Negligible	Negligible
AQ184	721010,729818	-2.6	-0.5	-0.3	<1	Slight Beneficial	Negligible	Negligible
AQ185	721010,729819	-2.4	-0.7	-0.4	<1	Slight Beneficial	Negligible	Negligible
AQ186	721010,729820	-2.4	-0.3	-0.2	<1	Negligible	Negligible	Negligible
AQ187	721010,729821	-3.1	-0.3	-0.1	<1	Negligible	Negligible	Negligible
AQ188	721010,729822	-6.8	-0.8	-0.5	<1	Substantial Beneficial	Negligible	Negligible

Receptor	Receptor Location (ITM)	Change in Annual Mean Conc. ($\mu\text{g}/\text{m}^3$)			Change in No of PM_{10} days > 50 $\mu\text{g}/\text{m}^3$	Impact on Annual Mean Conc.		
		NO_2	PM_{10}	$\text{PM}_{2.5}$		NO_2	PM_{10}	$\text{PM}_{2.5}$
AQ189	721010,729823	-3.7	-0.5	-0.3	<1	Moderate Beneficial	Negligible	Negligible
AQ190	721010,729824	-3.7	-1.1	-0.6	-1	Moderate Beneficial	Negligible	Negligible
AQ191	721010,729825	-0.6	-0.1	-0.1	<1	Negligible	Negligible	Negligible
AQ192	721010,729826	0.1	-0.2	-0.1	<1	Negligible	Negligible	Negligible
AQ193	721010,729827	-1.3	-0.2	-0.1	<1	Negligible	Negligible	Negligible
AQ194	721010,729828	2.9	0.5	0.3	<1	Negligible	Negligible	Negligible
AQ195	721010,729829	3.2	0.5	0.3	<1	Slight Adverse	Negligible	Negligible
AQ196	721010,729830	0.8	0.1	0.1	<1	Negligible	Negligible	Negligible
AQ197	721010,729831	0.7	0.1	0.1	<1	Negligible	Negligible	Negligible
AQ198	721010,729832	-1.4	-0.4	-0.2	<1	Negligible	Negligible	Negligible
AQ199	721010,729833	-3.5	-0.8	-0.4	<1	Slight Beneficial	Negligible	Negligible
AQ200	721010,729834	-3.8	-0.7	-0.4	<1	Slight Beneficial	Negligible	Negligible
AQ201	721010,729835	-4.0	-0.7	-0.4	<1	Slight Beneficial	Negligible	Negligible
AQ202	721010,729836	-4.7	-0.9	-0.5	<1	Moderate Beneficial	Negligible	Negligible
AQ203	721010,729837	-3.9	-0.5	-0.3	<1	Slight Beneficial	Negligible	Negligible
AQ204	721010,729838	-2.4	-0.3	-0.2	<1	Negligible	Negligible	Negligible
AQ205	721010,729839	-0.2	<0.1	<0.1	<1	Negligible	Negligible	Negligible
AQ206	721010,729840	-0.3	-0.1	<0.1	<1	Negligible	Negligible	Negligible
AQ207	721010,729841	-0.3	<0.1	<0.1	<1	Negligible	Negligible	Negligible
AQ208	721010,729842	-0.1	<0.1	<0.1	<1	Negligible	Negligible	Negligible
AQ209	721010,729843	-0.1	<0.1	<0.1	<1	Negligible	Negligible	Negligible
AQ210	721010,729844	-0.1	<0.1	<0.1	<1	Negligible	Negligible	Negligible
AQ211	721010,729845	0.1	<0.1	<0.1	<1	Negligible	Negligible	Negligible
AQ212	721010,729846	0.2	<0.1	<0.1	<1	Negligible	Negligible	Negligible
AQ213	721010,729847	0.2	<0.1	<0.1	<1	Negligible	Negligible	Negligible
AQ214	721010,729848	0.2	<0.1	<0.1	<1	Negligible	Negligible	Negligible
AQ215	721010,729849	<0.1	<0.1	<0.1	<1	Negligible	Negligible	Negligible
AQ216	721010,729850	-0.3	<0.1	<0.1	<1	Negligible	Negligible	Negligible
AQ217	721010,729851	-0.4	<0.1	<0.1	<1	Negligible	Negligible	Negligible
AQ218	721010,729852	-0.3	<0.1	<0.1	<1	Negligible	Negligible	Negligible
AQ219	721010,729853	-0.3	<0.1	<0.1	<1	Negligible	Negligible	Negligible
AQ220	721010,729854	-0.3	<0.1	<0.1	<1	Negligible	Negligible	Negligible
AQ221	721010,729855	0.2	<0.1	<0.1	<1	Negligible	Negligible	Negligible
AQ222	721010,729856	-0.3	<0.1	<0.1	<1	Negligible	Negligible	Negligible
AQ223	721010,729857	-0.3	<0.1	<0.1	<1	Negligible	Negligible	Negligible
AQ224	721010,729858	-0.3	<0.1	<0.1	<1	Negligible	Negligible	Negligible
AQ225	721010,729859	-0.2	<0.1	<0.1	<1	Negligible	Negligible	Negligible
AQ226	721010,729860	-0.2	<0.1	<0.1	<1	Negligible	Negligible	Negligible

Receptor	Receptor Location (ITM)	Change in Annual Mean Conc. ($\mu\text{g}/\text{m}^3$)			Change in No of PM_{10} days > 50 $\mu\text{g}/\text{m}^3$	Impact on Annual Mean Conc.		
		NO_2	PM_{10}	$\text{PM}_{2.5}$		NO_2	PM_{10}	$\text{PM}_{2.5}$
AQ227	721010,729861	-0.3	<0.1	<0.1	<1	Negligible	Negligible	Negligible
AQ228	721010,729862	-0.3	<0.1	<0.1	<1	Negligible	Negligible	Negligible
AQ229	721010,729863	-0.3	<0.1	<0.1	<1	Negligible	Negligible	Negligible
AQ230	721010,729864	-0.3	<0.1	<0.1	<1	Negligible	Negligible	Negligible
AQ231	721010,729865	-0.3	<0.1	<0.1	<1	Negligible	Negligible	Negligible
AQ232	721010,729866	-0.3	<0.1	<0.1	<1	Negligible	Negligible	Negligible
AQ233	721010,729867	-0.5	<0.1	<0.1	<1	Negligible	Negligible	Negligible
AQ234	721010,729868	-0.6	-0.1	<0.1	<1	Negligible	Negligible	Negligible
AQ235	721010,729869	-2.0	-0.2	-0.1	<1	Negligible	Negligible	Negligible
AQ236	721010,729870	-3.3	-0.5	-0.3	<1	Negligible	Negligible	Negligible
AQ237	721010,729871	-1.3	-0.2	-0.1	<1	Negligible	Negligible	Negligible
AQ238	721010,729872	-0.1	<0.1	<0.1	<1	Negligible	Negligible	Negligible
AQ239	721010,729873	-1.2	-0.2	-0.1	<1	Negligible	Negligible	Negligible
AQ240	721010,729874	-0.9	-0.1	-0.1	<1	Negligible	Negligible	Negligible
AQ241	721010,729875	-1.5	-0.2	-0.1	<1	Negligible	Negligible	Negligible
AQ242	721010,729876	-0.1	<0.1	<0.1	<1	Negligible	Negligible	Negligible
AQ243	721010,729877	-0.1	<0.1	<0.1	<1	Negligible	Negligible	Negligible
AQ244	721010,729878	-0.3	<0.1	<0.1	<1	Negligible	Negligible	Negligible
AQ245	721010,729879	0.5	<0.1	<0.1	<1	Negligible	Negligible	Negligible
AQ246	721010,729880	0.7	0.1	0.1	<1	Negligible	Negligible	Negligible
AQ247	721010,729881	1.0	0.1	0.1	<1	Negligible	Negligible	Negligible
AQ248	721010,729882	0.7	0.1	0.1	<1	Negligible	Negligible	Negligible
AQ249	721010,729883	0.4	<0.1	<0.1	<1	Negligible	Negligible	Negligible
AQ250	721010,729884	0.5	<0.1	<0.1	<1	Negligible	Negligible	Negligible
AQ251	721010,729885	0.3	<0.1	<0.1	<1	Negligible	Negligible	Negligible
AQ252	721010,729886	1.0	0.1	0.1	<1	Negligible	Negligible	Negligible
AQ253	721010,729887	0.3	0.1	<0.1	<1	Negligible	Negligible	Negligible
AQ254	721010,729888	0.3	<0.1	<0.1	<1	Negligible	Negligible	Negligible
AQ255	721010,729889	<0.1	<0.1	<0.1	<1	Negligible	Negligible	Negligible
AQ256	721010,729890	0.5	<0.1	<0.1	<1	Negligible	Negligible	Negligible
AQ257	721010,729891	0.2	<0.1	<0.1	<1	Negligible	Negligible	Negligible
AQ258	721010,729892	-0.1	<0.1	<0.1	<1	Negligible	Negligible	Negligible
AQ259	721010,729893	-0.2	-0.1	<0.1	<1	Negligible	Negligible	Negligible
AQ260	721010,729894	0.1	<0.1	<0.1	<1	Negligible	Negligible	Negligible
AQ261	721010,729895	-0.9	-0.1	-0.1	<1	Negligible	Negligible	Negligible
AQ262	721010,729896	-0.3	<0.1	<0.1	<1	Negligible	Negligible	Negligible
AQ263	721010,729897	0.2	<0.1	<0.1	<1	Negligible	Negligible	Negligible
AQ264	721010,729898	0.5	0.1	<0.1	<1	Negligible	Negligible	Negligible

Receptor	Receptor Location (ITM)	Change in Annual Mean Conc. ($\mu\text{g}/\text{m}^3$)			Change in No of PM_{10} days > 50 $\mu\text{g}/\text{m}^3$	Impact on Annual Mean Conc.		
		NO_2	PM_{10}	$\text{PM}_{2.5}$		NO_2	PM_{10}	$\text{PM}_{2.5}$
AQ265	721010,729899	0.5	0.1	<0.1	<1	Negligible	Negligible	Negligible
AQ266	721010,729900	-0.4	-0.1	-0.1	<1	Negligible	Negligible	Negligible
AQ267	721010,729901	-0.5	-0.1	<0.1	<1	Negligible	Negligible	Negligible
AQ268	721010,729902	-0.8	-0.1	-0.1	<1	Negligible	Negligible	Negligible
AQ269	721010,729903	-0.3	<0.1	<0.1	<1	Negligible	Negligible	Negligible
AQ270	721010,729904	-5.1	-0.6	-0.4	<1	Moderate Beneficial	Negligible	Negligible
AQ271	721010,729905	-0.5	-0.1	<0.1	<1	Negligible	Negligible	Negligible
AQ272	721010,729906	-0.5	-0.1	<0.1	<1	Negligible	Negligible	Negligible
AQ273	721010,729907	-0.5	-0.1	<0.1	<1	Negligible	Negligible	Negligible
AQ274	721010,729908	-0.3	<0.1	<0.1	<1	Negligible	Negligible	Negligible
AQ275	721010,729909	-0.5	-0.1	<0.1	<1	Negligible	Negligible	Negligible
AQ276	721010,729910	<0.1	<0.1	<0.1	<1	Negligible	Negligible	Negligible
AQ277	721010,729911	-0.1	<0.1	<0.1	<1	Negligible	Negligible	Negligible
AQ278	721010,729912	-0.1	<0.1	<0.1	<1	Negligible	Negligible	Negligible
AQ279	721010,729913	0.4	0.1	<0.1	<1	Negligible	Negligible	Negligible
AQ280	721010,729914	0.5	0.1	0.1	<1	Negligible	Negligible	Negligible
AQ281	721010,729915	-0.7	-0.1	-0.1	<1	Negligible	Negligible	Negligible
AQ282	721010,729916	-4.3	-0.2	-0.1	<1	Substantial Beneficial	Negligible	Negligible
AQ283	721010,729917	-1.0	-0.1	<0.1	<1	Negligible	Negligible	Negligible
AQ284	721010,729918	<0.1	0.1	0.1	<1	Negligible	Negligible	Negligible
AQ285	721010,729919	0.3	0.1	0.1	<1	Negligible	Negligible	Negligible
AQ286	721010,729920	0.1	0.1	<0.1	<1	Negligible	Negligible	Negligible
AQ287	721010,729921	-0.2	<0.1	<0.1	<1	Negligible	Negligible	Negligible
AQ288	721010,729922	-0.5	-0.1	<0.1	<1	Negligible	Negligible	Negligible
AQ289	721010,729923	-2.2	-0.2	-0.1	<1	Slight Beneficial	Negligible	Negligible
AQ290	721010,729924	-4.1	-0.4	-0.2	<1	Moderate Beneficial	Negligible	Negligible
AQ291	721010,729925	-2.3	-0.4	-0.2	<1	Slight Beneficial	Negligible	Negligible
AQ292	721010,729926	-5.1	-1.0	-0.6	<1	Substantial Beneficial	Negligible	Negligible
AQ293	721010,729927	0.4	<0.1	<0.1	<1	Negligible	Negligible	Negligible
AQ294	721010,729928	-1.3	-0.2	-0.1	<1	Negligible	Negligible	Negligible
AQ295	721010,729929	0.6	-0.2	-0.1	<1	Slight Adverse	Negligible	Negligible
AQ296	721010,729930	1.7	-0.1	-0.1	<1	Slight Adverse	Negligible	Negligible
AQ297	721010,729931	-1.5	-0.3	-0.2	<1	Slight Beneficial	Negligible	Negligible
AQ298	721010,729932	-1.3	-0.2	-0.1	<1	Negligible	Negligible	Negligible
AQ299	721010,729933	-0.3	<0.1	<0.1	<1	Negligible	Negligible	Negligible
AQ300	721010,729934	-5.6	-0.3	-0.2	<1	Substantial Beneficial	Negligible	Negligible
AQ301	721010,729935	-7.0	-0.3	-0.2	<1	Substantial Beneficial	Negligible	Negligible
AQ302	721010,729936	-2.4	-0.1	-0.1	<1	Slight Beneficial	Negligible	Negligible

Receptor	Receptor Location (ITM)	Change in Annual Mean Conc. ($\mu\text{g}/\text{m}^3$)			Change in No of PM_{10} days > 50 $\mu\text{g}/\text{m}^3$	Impact on Annual Mean Conc.		
		NO_2	PM_{10}	$\text{PM}_{2.5}$		NO_2	PM_{10}	$\text{PM}_{2.5}$
AQ303	721010,729937	-3.2	-0.2	-0.1	<1	Moderate Beneficial	Negligible	Negligible
AQ304	721010,729938	-4.1	-0.3	-0.2	<1	Substantial Beneficial	Negligible	Negligible
AQ305	721010,729939	-5.1	-0.2	-0.1	<1	Substantial Beneficial	Negligible	Negligible
AQ306	721010,729940	-2.8	-0.1	-0.1	<1	Slight Beneficial	Negligible	Negligible
AQ307	721010,729941	-0.9	-0.2	-0.1	<1	Slight Beneficial	Negligible	Negligible
AQ308	721010,729942	-0.2	<0.1	<0.1	<1	Negligible	Negligible	Negligible
AQ309	721010,729943	-0.1	<0.1	<0.1	<1	Negligible	Negligible	Negligible
AQ310	721010,729944	-0.3	-0.1	<0.1	<1	Negligible	Negligible	Negligible
AQ311	721010,729945	1.5	0.2	0.1	<1	Negligible	Negligible	Negligible
AQ312	721010,729946	2.6	0.3	0.2	<1	Negligible	Negligible	Negligible
AQ313	721010,729947	0.3	0.1	<0.1	<1	Negligible	Negligible	Negligible
AQ314	721010,729948	-2.9	-0.4	-0.2	<1	Slight Beneficial	Negligible	Negligible
AQ315	721010,729949	-1.9	-0.3	-0.2	<1	Negligible	Negligible	Negligible
AQ316	721010,729950	-2.6	-0.5	-0.3	<1	Slight Beneficial	Negligible	Negligible
AQ317	721010,729951	-3.8	-0.6	-0.3	<1	Slight Beneficial	Negligible	Negligible
AQ318	721010,729952	-0.9	-0.5	-0.3	<1	Negligible	Negligible	Negligible
AQ319	721010,729953	-3.6	-0.7	-0.4	<1	Moderate Beneficial	Negligible	Negligible
AQ320	721010,729954	-0.8	-0.2	-0.1	<1	Negligible	Negligible	Negligible
AQ321	721010,729955	-9.0	-1.6	-1.0	-1	Substantial Beneficial	Negligible	Negligible
AQ322	721010,729956	-6.5	-1.1	-0.7	<1	Substantial Beneficial	Negligible	Negligible
AQ323	721010,729957	-1.7	-0.4	-0.2	<1	Slight Beneficial	Negligible	Negligible
AQ324	721010,729958	-6.8	-1.0	-0.6	<1	Substantial Beneficial	Negligible	Negligible
AQ325	721010,729959	-1.9	-0.5	-0.3	<1	Negligible	Negligible	Negligible
AQ326	721010,729960	-2.7	-0.4	-0.2	<1	Negligible	Negligible	Negligible
AQ327	721010,729961	-5.4	-0.8	-0.5	<1	Slight Beneficial	Negligible	Negligible
AQ328	721010,729962	<0.1	<0.1	<0.1	<1	Negligible	Negligible	Negligible
AQ329	721010,729963	0.8	0.1	0.1	<1	Negligible	Negligible	Negligible
AQ330	721010,729964	-0.4	<0.1	<0.1	<1	Negligible	Negligible	Negligible
AQ331	721010,729965	-0.3	<0.1	<0.1	<1	Negligible	Negligible	Negligible
AQ332	721010,729966	-0.4	<0.1	<0.1	<1	Negligible	Negligible	Negligible
AQ333	721010,729967	-0.3	<0.1	<0.1	<1	Negligible	Negligible	Negligible
AQ334	721010,729968	-0.3	<0.1	<0.1	<1	Negligible	Negligible	Negligible
AQ335	721010,729969	-0.3	<0.1	<0.1	<1	Negligible	Negligible	Negligible
AQ336	721010,729970	0.3	<0.1	<0.1	<1	Negligible	Negligible	Negligible
AQ337	721010,729971	-0.2	<0.1	<0.1	<1	Negligible	Negligible	Negligible
AQ338	721010,729972	-0.3	<0.1	<0.1	<1	Negligible	Negligible	Negligible
AQ339	721010,729973	-0.2	<0.1	<0.1	<1	Negligible	Negligible	Negligible
AQ340	721010,729974	-0.2	<0.1	<0.1	<1	Negligible	Negligible	Negligible

Receptor	Receptor Location (ITM)	Change in Annual Mean Conc. ($\mu\text{g}/\text{m}^3$)			Change in No of PM_{10} days > 50 $\mu\text{g}/\text{m}^3$	Impact on Annual Mean Conc.		
		NO_2	PM_{10}	$\text{PM}_{2.5}$		NO_2	PM_{10}	$\text{PM}_{2.5}$
AQ341	721010,729975	-0.3	<0.1	<0.1	<1	Negligible	Negligible	Negligible
AQ342	721010,729976	-0.3	<0.1	<0.1	<1	Negligible	Negligible	Negligible
AQ343	721010,729977	-0.4	<0.1	<0.1	<1	Negligible	Negligible	Negligible
AQ344	721010,729978	-0.3	<0.1	<0.1	<1	Negligible	Negligible	Negligible
AQ345	721010,729979	-1.5	-0.2	-0.1	<1	Negligible	Negligible	Negligible
AQ346	721010,729980	0.1	<0.1	<0.1	<1	Negligible	Negligible	Negligible
AQ347	721010,729981	0.2	0.1	<0.1	<1	Negligible	Negligible	Negligible
AQ348	721010,729982	0.3	0.1	<0.1	<1	Negligible	Negligible	Negligible
AQ349	721010,729983	0.2	0.1	<0.1	<1	Negligible	Negligible	Negligible
AQ350	721010,729984	-0.2	<0.1	<0.1	<1	Negligible	Negligible	Negligible
AQ351	721010,729985	0.3	<0.1	<0.1	<1	Negligible	Negligible	Negligible
AQ352	721010,729986	0.1	<0.1	<0.1	<1	Negligible	Negligible	Negligible
AQ353	721010,729987	0.4	<0.1	<0.1	<1	Negligible	Negligible	Negligible
AQ354	721010,729988	0.3	<0.1	<0.1	<1	Negligible	Negligible	Negligible
AQ355	721010,729989	0.5	0.1	<0.1	<1	Negligible	Negligible	Negligible
AQ356	721010,729990	0.2	<0.1	<0.1	<1	Negligible	Negligible	Negligible
AQ357	721010,729991	0.4	0.1	<0.1	<1	Negligible	Negligible	Negligible
AQ358	721010,729992	-0.2	-0.1	<0.1	<1	Negligible	Negligible	Negligible
AQ359	721010,729993	0.3	0.1	<0.1	<1	Negligible	Negligible	Negligible
AQ360	721010,729994	1.2	0.1	0.1	<1	Negligible	Negligible	Negligible
AQ361	721010,729995	2.4	0.3	0.2	<1	Negligible	Negligible	Negligible
AQ362	721010,729996	1.5	0.2	0.1	<1	Negligible	Negligible	Negligible
AQ363	721010,729997	1.5	0.2	0.1	<1	Negligible	Negligible	Negligible
AQ364	721010,729998	-1.1	-0.2	-0.1	<1	Negligible	Negligible	Negligible
AQ365	721010,729999	-1.0	-0.2	-0.1	<1	Negligible	Negligible	Negligible
AQ366	721010,730000	1.1	0.1	0.1	<1	Negligible	Negligible	Negligible
AQ367	721010,730001	0.9	0.1	0.1	<1	Negligible	Negligible	Negligible
AQ368	721010,730002	0.9	0.1	0.1	<1	Negligible	Negligible	Negligible
AQ369	721010,730003	1.0	0.1	0.1	<1	Negligible	Negligible	Negligible
AQ370	721010,730004	1.8	0.2	0.1	<1	Negligible	Negligible	Negligible
AQ371	721010,730005	0.3	<0.1	<0.1	<1	Negligible	Negligible	Negligible
AQ372	721010,730006	0.1	<0.1	<0.1	<1	Negligible	Negligible	Negligible
AQ373	721010,730007	0.5	<0.1	<0.1	<1	Negligible	Negligible	Negligible
AQ374	721010,730008	-0.1	<0.1	<0.1	<1	Negligible	Negligible	Negligible
AQ375	721010,730009	0.5	0.1	0.1	<1	Negligible	Negligible	Negligible
AQ376	721010,730010	1.4	0.2	0.1	<1	Negligible	Negligible	Negligible
AQ377	721010,730011	1.5	0.1	0.1	<1	Negligible	Negligible	Negligible
AQ378	721010,730012	0.5	<0.1	<0.1	<1	Negligible	Negligible	Negligible

Receptor	Receptor Location (ITM)	Change in Annual Mean Conc. ($\mu\text{g}/\text{m}^3$)			Change in No of PM_{10} days > 50 $\mu\text{g}/\text{m}^3$	Impact on Annual Mean Conc.		
		NO_2	PM_{10}	$\text{PM}_{2.5}$		NO_2	PM_{10}	$\text{PM}_{2.5}$
AQ379	721010,730013	-2.1	-0.2	-0.1	<1	Negligible	Negligible	Negligible
AQ380	721010,730014	-1.0	-0.1	-0.1	<1	Negligible	Negligible	Negligible
AQ381	721010,730015	-1.0	-0.1	-0.1	<1	Negligible	Negligible	Negligible
AQ382	721010,730016	-0.9	-0.2	-0.1	<1	Negligible	Negligible	Negligible
AQ383	721010,730017	-1.5	-0.2	-0.1	<1	Negligible	Negligible	Negligible
AQ384	721010,730018	-1.0	-0.2	-0.1	<1	Negligible	Negligible	Negligible
AQ385	721010,730019	-1.2	-0.2	-0.1	<1	Negligible	Negligible	Negligible
AQ386	721010,730020	-0.5	-0.1	-0.1	<1	Negligible	Negligible	Negligible
AQ387	721010,730021	-0.6	-0.1	-0.1	<1	Negligible	Negligible	Negligible
AQ388	721010,730022	-4.1	-0.6	-0.4	<1	Substantial Beneficial	Negligible	Negligible
AQ389	721010,730023	-3.1	-0.7	-0.4	<1	Moderate Beneficial	Negligible	Negligible
AQ390	721010,730024	-1.0	-0.2	-0.1	<1	Negligible	Negligible	Negligible
AQ391	721010,730025	-1.7	-0.2	-0.1	<1	Slight Beneficial	Negligible	Negligible
AQ392	721010,730026	-4.9	-0.8	-0.5	<1	Substantial Beneficial	Negligible	Negligible
AQ393	721010,730027	-0.9	-0.2	-0.1	<1	Negligible	Negligible	Negligible
AQ394	721010,730028	-0.9	-0.2	-0.1	<1	Negligible	Negligible	Negligible
AQ395	721010,730029	-0.7	-0.1	-0.1	<1	Negligible	Negligible	Negligible
AQ396	721010,730030	-1.0	-0.1	<0.1	<1	Negligible	Negligible	Negligible
AQ397	721010,730031	-0.7	-0.1	-0.1	<1	Negligible	Negligible	Negligible
AQ398	721010,730032	-3.5	-0.3	-0.2	<1	Slight Beneficial	Negligible	Negligible
AQ399	721010,730033	-4.4	-0.4	-0.2	<1	Slight Beneficial	Negligible	Negligible
AQ400	721010,730034	-5.9	-0.6	-0.4	<1	Slight Beneficial	Negligible	Negligible
AQ401	721010,730035	2.7	0.4	0.2	<1	Moderate Adverse	Negligible	Negligible
AQ402	721010,730036	-1.2	-0.1	<0.1	<1	Slight Beneficial	Negligible	Negligible
AQ403	721010,730037	-0.8	<0.1	<0.1	<1	Slight Beneficial	Negligible	Negligible
AQ404	721010,730038	1.1	0.2	0.1	<1	Slight Adverse	Negligible	Negligible
AQ405	721010,730039	3.3	0.6	0.3	<1	Moderate Adverse	Negligible	Negligible
AQ406	721010,730040	-5.3	-0.7	-0.5	<1	Moderate Beneficial	Negligible	Negligible
AQ407	721010,730041	-7.7	-1.0	-0.6	<1	Substantial Beneficial	Negligible	Negligible
AQ408	721010,730042	-2.0	-0.2	-0.1	<1	Negligible	Negligible	Negligible
AQ409	721010,730043	-2.4	-0.2	-0.1	<1	Slight Beneficial	Negligible	Negligible
AQ410	721010,730044	-10.6	-0.7	-0.5	<1	Substantial Beneficial	Negligible	Negligible
AQ411	721010,730045	-5.1	-0.6	-0.4	<1	Moderate Beneficial	Negligible	Negligible
AQ412	721010,730046	-0.4	-0.1	-0.1	<1	Negligible	Negligible	Negligible
AQ413	721010,730047	-1.0	-0.1	-0.1	<1	Negligible	Negligible	Negligible
AQ414	721010,730048	-0.9	-0.1	-0.1	<1	Negligible	Negligible	Negligible
AQ415	721010,730049	-0.6	-0.1	-0.1	<1	Negligible	Negligible	Negligible
AQ416	721010,730050	-0.1	-0.1	<0.1	<1	Negligible	Negligible	Negligible

Receptor	Receptor Location (ITM)	Change in Annual Mean Conc. ($\mu\text{g}/\text{m}^3$)			Change in No of PM_{10} days > 50 $\mu\text{g}/\text{m}^3$	Impact on Annual Mean Conc.		
		NO_2	PM_{10}	$\text{PM}_{2.5}$		NO_2	PM_{10}	$\text{PM}_{2.5}$
AQ417	721010,730051	0.6	0.1	0.1	<1	Slight Adverse	Negligible	Negligible
AQ418	721010,730052	2.2	0.3	0.2	<1	Moderate Adverse	Negligible	Negligible
AQ419	721010,730053	0.8	0.1	0.1	<1	Slight Adverse	Negligible	Negligible
AQ420	721010,730054	-3.5	-0.5	-0.3	<1	Moderate Beneficial	Negligible	Negligible
AQ421	721010,730055	-5.2	-0.8	-0.5	<1	Moderate Beneficial	Negligible	Negligible
AQ422	721010,730056	-5.3	-0.6	-0.4	<1	Moderate Beneficial	Negligible	Negligible
AQ423	721010,730057	-9.9	-0.9	-0.6	<1	Substantial Beneficial	Negligible	Negligible
AQ424	721010,730058	-6.9	-0.7	-0.5	<1	Moderate Beneficial	Negligible	Negligible
AQ425	721010,730059	-0.3	<0.1	<0.1	<1	Negligible	Negligible	Negligible
AQ426	721010,730060	-0.4	-0.1	<0.1	<1	Negligible	Negligible	Negligible
AQ427	721010,730061	-2.1	-0.3	-0.2	<1	Negligible	Negligible	Negligible
AQ428	721010,730062	-0.4	-0.1	<0.1	<1	Negligible	Negligible	Negligible
AQ429	721010,730063	-0.6	-0.1	<0.1	<1	Negligible	Negligible	Negligible
AQ430	721010,730064	-4.6	-0.8	-0.5	<1	Slight Beneficial	Negligible	Negligible
AQ431	721010,730065	-3.7	-0.6	-0.3	<1	Negligible	Negligible	Negligible
AQ432	721010,730066	-1.3	-0.2	-0.1	<1	Negligible	Negligible	Negligible
AQ433	721010,730067	-1.9	-0.2	-0.1	<1	Negligible	Negligible	Negligible
AQ434	721010,730068	-0.2	<0.1	<0.1	<1	Negligible	Negligible	Negligible
AQ435	721010,730069	-0.4	<0.1	<0.1	<1	Negligible	Negligible	Negligible
AQ436	721010,730070	-0.5	-0.1	-0.1	<1	Negligible	Negligible	Negligible
AQ437	721010,730071	0.1	<0.1	<0.1	<1	Negligible	Negligible	Negligible
AQ438	721010,730072	-0.1	-0.1	-0.1	<1	Negligible	Negligible	Negligible
AQ439	721010,730073	-0.1	<0.1	<0.1	<1	Negligible	Negligible	Negligible
AQ440	721010,730074	-0.6	-0.2	-0.1	<1	Negligible	Negligible	Negligible
AQ441	721010,730075	-2.6	-0.3	-0.2	<1	Negligible	Negligible	Negligible
AQ442	721010,730076	-3.0	-0.3	-0.2	<1	Negligible	Negligible	Negligible
AQ443	721010,730077	-0.5	<0.1	<0.1	<1	Negligible	Negligible	Negligible
AQ444	721010,730078	-0.8	-0.1	<0.1	<1	Negligible	Negligible	Negligible
AQ445	721010,730079	0.9	0.1	0.1	<1	Negligible	Negligible	Negligible
AQ446	721010,730080	0.7	<0.1	<0.1	<1	Negligible	Negligible	Negligible
AQ447	721010,730081	-1.0	-0.1	-0.1	<1	Negligible	Negligible	Negligible
AQ448	721010,730082	-0.5	-0.1	-0.1	<1	Negligible	Negligible	Negligible
AQ449	721010,730083	-0.6	-0.1	<0.1	<1	Negligible	Negligible	Negligible
AQ450	721010,730084	-0.1	<0.1	<0.1	<1	Negligible	Negligible	Negligible
AQ451	721010,730085	0.3	<0.1	<0.1	<1	Negligible	Negligible	Negligible
AQ452	721010,730086	-1.3	-0.2	-0.1	<1	Negligible	Negligible	Negligible
AQ453	721010,730087	-2.0	-0.2	-0.1	<1	Negligible	Negligible	Negligible
AQ454	721010,730088	-3.4	-0.4	-0.3	<1	Negligible	Negligible	Negligible

Receptor	Receptor Location (ITM)	Change in Annual Mean Conc. ($\mu\text{g}/\text{m}^3$)			Change in No of PM_{10} days > 50 $\mu\text{g}/\text{m}^3$	Impact on Annual Mean Conc.		
		NO_2	PM_{10}	$\text{PM}_{2.5}$		NO_2	PM_{10}	$\text{PM}_{2.5}$
AQ455	721010,730089	-1.3	-0.2	-0.1	<1	Negligible	Negligible	Negligible
AQ456	721010,730090	-0.9	-0.2	-0.1	<1	Negligible	Negligible	Negligible
AQ457	721010,730091	-1.0	-0.3	-0.2	<1	Negligible	Negligible	Negligible
AQ458	721010,730092	-0.1	0.1	0.1	<1	Negligible	Negligible	Negligible
AQ459	721010,730093	-0.3	<0.1	<0.1	<1	Negligible	Negligible	Negligible
AQ460	721010,730094	-0.5	-0.1	<0.1	<1	Negligible	Negligible	Negligible
AQ461	721010,730095	-0.8	-0.1	-0.1	<1	Negligible	Negligible	Negligible
AQ462	721010,730096	-0.3	<0.1	<0.1	<1	Negligible	Negligible	Negligible
AQ463	721010,730097	-2.8	-0.4	-0.2	<1	Negligible	Negligible	Negligible
AQ464	721010,730098	-0.2	<0.1	<0.1	<1	Negligible	Negligible	Negligible
AQ465	721010,730099	-0.2	<0.1	<0.1	<1	Negligible	Negligible	Negligible
AQ466	721010,730100	-2.5	-0.3	-0.2	<1	Negligible	Negligible	Negligible
AQ467	721010,730101	-0.8	-0.1	-0.1	<1	Negligible	Negligible	Negligible
AQ468	721010,730102	-2.3	-0.4	-0.2	<1	Negligible	Negligible	Negligible
AQ469	721010,730103	-3.4	-0.4	-0.2	<1	Negligible	Negligible	Negligible
AQ470	721010,730104	-1.1	-0.2	-0.1	<1	Negligible	Negligible	Negligible
AQ471	721010,730105	-0.8	-0.1	<0.1	<1	Negligible	Negligible	Negligible
AQ472	721010,730106	-2.0	-0.3	-0.2	<1	Negligible	Negligible	Negligible
AQ473	721010,730107	-0.2	<0.1	<0.1	<1	Negligible	Negligible	Negligible
AQ474	721010,730108	0.2	0.1	<0.1	<1	Negligible	Negligible	Negligible
AQ475	721010,730109	-0.3	<0.1	<0.1	<1	Negligible	Negligible	Negligible
AQ476	721010,730110	<0.1	<0.1	<0.1	<1	Negligible	Negligible	Negligible
AQ477	721010,730111	-0.8	-0.1	-0.1	<1	Negligible	Negligible	Negligible
AQ478	721010,730112	-0.6	-0.1	-0.1	<1	Negligible	Negligible	Negligible
AQ479	721010,730113	2.3	0.2	0.1	<1	Negligible	Negligible	Negligible
AQ480	721010,730114	1.1	0.2	0.1	<1	Negligible	Negligible	Negligible
AQ481	721010,730115	0.2	<0.1	<0.1	<1	Negligible	Negligible	Negligible
AQ482	721010,730116	-2.6	-0.3	-0.2	<1	Negligible	Negligible	Negligible
AQ483	721010,730117	<0.1	<0.1	<0.1	<1	Negligible	Negligible	Negligible
AQ484	721010,730118	-0.7	-0.1	-0.1	<1	Negligible	Negligible	Negligible
AQ485	721010,730119	-1.1	-0.2	-0.1	<1	Negligible	Negligible	Negligible
AQ486	721010,730120	-1.1	-0.1	-0.1	<1	Negligible	Negligible	Negligible
AQ487	721010,730121	-0.6	-0.1	<0.1	<1	Negligible	Negligible	Negligible
AQ488	721010,730122	-2.1	-0.3	-0.2	<1	Negligible	Negligible	Negligible
AQ489	721010,730123	-0.5	-0.1	<0.1	<1	Negligible	Negligible	Negligible
AQ490	721010,730124	-0.8	-0.1	-0.1	<1	Negligible	Negligible	Negligible
AQ491	721010,730125	-0.3	<0.1	<0.1	<1	Negligible	Negligible	Negligible
AQ492	721010,730126	-0.1	<0.1	<0.1	<1	Negligible	Negligible	Negligible

Receptor	Receptor Location (ITM)	Change in Annual Mean Conc. ($\mu\text{g}/\text{m}^3$)			Change in No of PM_{10} days > 50 $\mu\text{g}/\text{m}^3$	Impact on Annual Mean Conc.		
		NO_2	PM_{10}	$\text{PM}_{2.5}$		NO_2	PM_{10}	$\text{PM}_{2.5}$
AQ493	721010,730127	0.6	0.1	<0.1	<1	Negligible	Negligible	Negligible
AQ494	721010,730128	-0.3	<0.1	<0.1	<1	Negligible	Negligible	Negligible
AQ495	721010,730129	-0.7	-0.1	-0.1	<1	Negligible	Negligible	Negligible
AQ496	721010,730130	-0.5	-0.1	<0.1	<1	Negligible	Negligible	Negligible
AQ497	721010,730131	-0.4	-0.1	<0.1	<1	Negligible	Negligible	Negligible
AQ498	721010,730132	-0.3	<0.1	<0.1	<1	Negligible	Negligible	Negligible
AQ499	721010,730133	0.3	0.1	<0.1	<1	Negligible	Negligible	Negligible
AQ500	721010,730134	-0.7	-0.2	-0.1	<1	Negligible	Negligible	Negligible
AQ501	721010,730135	0.3	<0.1	<0.1	<1	Negligible	Negligible	Negligible
AQ502	721010,730136	0.1	<0.1	<0.1	<1	Negligible	Negligible	Negligible
AQ503	721010,730137	-0.1	<0.1	<0.1	<1	Negligible	Negligible	Negligible
AQ504	721010,730138	-0.5	-0.1	<0.1	<1	Negligible	Negligible	Negligible
AQ505	721010,730139	<0.1	<0.1	<0.1	<1	Negligible	Negligible	Negligible
AQ506	721010,730140	-3.6	-0.3	-0.2	<1	Slight Beneficial	Negligible	Negligible
AQ507	721010,730141	-0.1	<0.1	<0.1	<1	Negligible	Negligible	Negligible
AQ508	721010,730142	-0.3	<0.1	<0.1	<1	Negligible	Negligible	Negligible
AQ509	721010,730143	-0.2	<0.1	<0.1	<1	Negligible	Negligible	Negligible
AQ510	721010,730144	-0.3	<0.1	<0.1	<1	Negligible	Negligible	Negligible
AQ511	721010,730145	-0.1	<0.1	<0.1	<1	Negligible	Negligible	Negligible
AQ512	721010,730146	-0.1	<0.1	<0.1	<1	Negligible	Negligible	Negligible
AQ513	721010,730147	0.1	<0.1	<0.1	<1	Negligible	Negligible	Negligible
AQ514	721010,730148	-0.2	<0.1	<0.1	<1	Negligible	Negligible	Negligible
AQ515	721010,730149	-1.4	-0.2	-0.1	<1	Negligible	Negligible	Negligible
AQ516	721010,730150	-0.3	<0.1	<0.1	<1	Negligible	Negligible	Negligible
AQ517	721010,730151	-1.1	-0.2	-0.1	<1	Negligible	Negligible	Negligible
AQ518	721010,730152	-0.9	-0.1	-0.1	<1	Negligible	Negligible	Negligible
AQ519	721010,730153	<0.1	<0.1	<0.1	<1	Negligible	Negligible	Negligible
AQ520	721010,730154	-2.3	-0.2	-0.1	<1	Negligible	Negligible	Negligible
AQ521	721010,730155	-0.5	-0.1	-0.1	<1	Negligible	Negligible	Negligible
AQ522	721010,730156	-0.6	-0.1	<0.1	<1	Negligible	Negligible	Negligible
AQ523	721010,730157	-0.4	-0.1	<0.1	<1	Negligible	Negligible	Negligible
AQ524	721010,730158	-1.2	-0.2	-0.1	<1	Negligible	Negligible	Negligible
AQ525	721010,730159	-0.2	<0.1	<0.1	<1	Negligible	Negligible	Negligible
AQ526	721010,730160	0.7	<0.1	<0.1	<1	Negligible	Negligible	Negligible
AQ527	721010,730161	0.8	0.2	0.1	<1	Negligible	Negligible	Negligible
AQ528	721010,730162	<0.1	<0.1	<0.1	<1	Negligible	Negligible	Negligible
AQ529	721010,730163	0.4	0.1	0.1	<1	Negligible	Negligible	Negligible
AQ530	721010,730164	0.1	<0.1	<0.1	<1	Negligible	Negligible	Negligible

Receptor	Receptor Location (ITM)	Change in Annual Mean Conc. ($\mu\text{g}/\text{m}^3$)			Change in No of PM_{10} days > 50 $\mu\text{g}/\text{m}^3$	Impact on Annual Mean Conc.		
		NO_2	PM_{10}	$\text{PM}_{2.5}$		NO_2	PM_{10}	$\text{PM}_{2.5}$
AQ531	721010,730165	0.7	0.1	0.1	<1	Negligible	Negligible	Negligible
AQ532	721010,730166	1.8	0.2	0.1	<1	Negligible	Negligible	Negligible
AQ533	721010,730167	2.7	0.4	0.2	<1	Negligible	Negligible	Negligible
AQ534	721010,730168	2.8	0.4	0.2	<1	Negligible	Negligible	Negligible
AQ535	721010,730169	2.5	0.3	0.2	<1	Negligible	Negligible	Negligible
AQ536	721010,730170	0.3	0.1	<0.1	<1	Negligible	Negligible	Negligible
AQ537	721010,730171	0.5	<0.1	<0.1	<1	Negligible	Negligible	Negligible
AQ538	721010,730172	0.2	<0.1	<0.1	<1	Negligible	Negligible	Negligible
AQ539	721010,730173	1.4	0.1	0.1	<1	Negligible	Negligible	Negligible
AQ540	721010,730174	1.4	0.1	0.1	<1	Negligible	Negligible	Negligible
AQ541	721010,730175	1.2	0.1	0.1	<1	Negligible	Negligible	Negligible
AQ542	721010,730176	-0.1	<0.1	<0.1	<1	Negligible	Negligible	Negligible
AQ543	721010,730177	<0.1	<0.1	<0.1	<1	Negligible	Negligible	Negligible
AQ544	721010,730178	<0.1	<0.1	<0.1	<1	Negligible	Negligible	Negligible
AQ545	721010,730179	-1.4	-0.1	-0.1	<1	Negligible	Negligible	Negligible
AQ546	721010,730180	-1.3	-0.1	-0.1	<1	Negligible	Negligible	Negligible
AQ547	721010,730181	-1.2	-0.1	<0.1	<1	Negligible	Negligible	Negligible
AQ548	721010,730182	-0.8	-0.1	-0.1	<1	Negligible	Negligible	Negligible
AQ549	721010,730183	-0.9	-0.1	-0.1	<1	Negligible	Negligible	Negligible
AQ550	721010,730184	-1.0	-0.1	-0.1	<1	Negligible	Negligible	Negligible
AQ551	721010,730185	-6.2	-0.9	-0.5	<1	Substantial Beneficial	Negligible	Negligible
AQ552	721010,730186	-0.9	-0.1	-0.1	<1	Negligible	Negligible	Negligible
AQ553	721010,730187	-8.4	-1.0	-0.6	<1	Substantial Beneficial	Negligible	Negligible
AQ554	721010,730188	-0.9	-0.2	-0.1	<1	Negligible	Negligible	Negligible
AQ555	721010,730189	-9.4	-1.4	-0.8	-1	Substantial Beneficial	Negligible	Negligible
AQ556	721010,730190	-3.1	-0.3	-0.2	<1	Negligible	Negligible	Negligible
AQ557	721010,730191	1.5	0.2	0.1	<1	Negligible	Negligible	Negligible
AQ558	721010,730192	1.4	0.2	0.1	<1	Negligible	Negligible	Negligible
AQ559	721010,730193	-6.2	-1.0	-0.6	<1	Substantial Beneficial	Negligible	Negligible
AQ560	721010,730194	-2.1	-0.2	-0.1	<1	Slight Beneficial	Negligible	Negligible
AQ561	721010,730195	-0.3	-0.1	-0.1	<1	Negligible	Negligible	Negligible
AQ562	721010,730196	-0.4	-0.1	<0.1	<1	Negligible	Negligible	Negligible
AQ563	721010,730197	-1.5	-0.2	-0.1	<1	Negligible	Negligible	Negligible
AQ564	721010,730198	-0.5	-0.1	<0.1	<1	Negligible	Negligible	Negligible

The significance of the changes in the concentration of each of the ambient receptors has been determined in the context of the TII significance criteria (TII 2011), as described in Section 7.2.4.1.4 in Chapter 7 (Air Quality). The majority of modelled receptors are estimated to experience a negligible impact due to the Proposed Scheme in terms of the annual mean NO_2 concentration. A slightly beneficial impact is estimated at 50 receptors, a moderate

beneficial impact at 17 receptors and a substantial beneficial impact at 26 receptors due to the diversion of traffic off the Proposed Scheme routes. A slight adverse impact is expected at 7 receptors, and a moderate adverse impact at three receptors on Merrion St Upper and Pearse St. These localised moderate adverse impacts are considered negative, significant and short-term as NO₂ concentrations exceed the limit value but will decrease below the limit by 2043 due to reductions in emissions between 2028 and 2043 from advancements in engine technology and the addition of a higher percentage of electric vehicles to the fleet. The Proposed Scheme is overall neutral in terms of annual mean PM₁₀ and PM_{2.5} concentrations, with all receptors experiencing a negligible impact.



Údarás Náisiúnta Iompair
National Transport Authority

National Transport Authority
Dún Scéine
Harcourt Lane
Dublin 2
D02 WT20



Project Ireland 2040
Building Ireland's Future