

The background is a vibrant yellow. It is decorated with several abstract geometric shapes in shades of blue, teal, and white. These include circles, semi-circles, and rounded rectangular shapes, some of which are layered or overlapping. The shapes are scattered across the page, creating a modern and dynamic visual effect.

Appendix A21.3

Air Quality Cumulative Modelling Results

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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 Figure 7.6 to Figure 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 ³
		NO ₂	PM ₁₀	PM _{2.5}	
AQ1	715497,733761	35.0	15.8	11.2	1
AQ2	715518,733754	38.1	16.2	11.4	1
AQ3	715484,733638	33.3	15.7	11.1	1
AQ4	715482,733620	33.2	15.7	11.1	1
AQ5	715498,733591	36.2	16.1	11.3	1
AQ6	715508,733685	38.7	16.3	11.4	1
AQ7	715504,733648	36.6	16.1	11.3	1
AQ8	715488,733494	41.3	17.2	11.9	1
AQ9	715493,733542	41.1	17.0	11.9	1
AQ10	715467,733397	34.2	16.0	11.3	1
AQ11	715480,733431	39.9	16.8	11.7	1
AQ12	715511,733714	37.7	16.1	11.3	1
AQ13	715495,733568	36.7	16.2	11.4	1
AQ14	712950,728834	24.5	14.7	10.5	<1
AQ15	712947,728763	26.0	15.0	10.6	<1
AQ16	712897,728766	25.8	14.9	10.6	<1
AQ17	712851,728742	26.2	15.0	10.6	<1
AQ18	712920,728769	29.9	15.6	11.0	1
AQ19	712989,728806	25.2	14.9	10.5	<1
AQ20	712971,728856	24.6	14.8	10.5	<1
AQ21	713447,729283	25.0	14.7	10.4	<1
AQ22	713348,729154	25.5	14.8	10.5	<1
AQ23	713380,729196	25.2	14.7	10.4	<1
AQ24	713405,729228	25.2	14.7	10.4	<1
AQ25	713760,729523	23.0	14.5	10.3	<1
AQ26	713736,729595	24.2	14.6	10.4	<1
AQ27	713694,729559	23.9	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}	
AQ28	713084,728899	25.7	14.9	10.6	<1
AQ29	713058,728888	25.9	15.0	10.6	<1
AQ30	713023,728856	26.7	15.1	10.7	<1
AQ31	713213,728947	25.9	14.8	10.5	<1
AQ32	713027,728912	24.6	14.7	10.5	<1
AQ33	713092,728926	29.8	15.6	11.0	1
AQ34	713263,728983	26.1	14.8	10.5	<1
AQ35	713246,729027	27.3	15.0	10.6	<1
AQ36	714330,728954	24.8	14.7	10.4	<1
AQ37	714289,728883	27.1	14.9	10.6	<1
AQ38	713201,728990	26.6	14.9	10.6	<1
AQ39	713150,728963	25.4	14.8	10.5	<1
AQ40	713369,729099	26.1	14.8	10.5	<1
AQ41	713394,729128	25.4	14.7	10.5	<1
AQ42	713350,729072	26.4	14.9	10.6	<1
AQ43	714372,729091	24.0	14.6	10.4	<1
AQ44	714372,729117	25.0	14.7	10.4	<1
AQ45	714379,729064	25.0	14.7	10.4	<1
AQ46	714419,730390	25.8	14.9	10.5	<1
AQ47	714367,729260	23.9	14.6	10.4	<1
AQ48	714365,729398	24.0	14.7	10.4	<1
AQ49	714367,729218	24.2	14.6	10.4	<1
AQ50	714364,729456	24.0	14.6	10.4	<1
AQ51	714367,729318	24.1	14.7	10.4	<1
AQ52	714402,729345	24.9	14.8	10.5	<1
AQ53	714402,729376	24.8	14.8	10.5	<1
AQ54	714367,729514	24.6	14.7	10.4	<1
AQ55	714338,729575	24.0	14.6	10.4	<1
AQ56	714426,729634	32.1	15.5	11.0	1
AQ57	714422,729576	28.7	15.2	10.7	<1
AQ58	714412,729483	24.1	14.7	10.4	<1
AQ59	714380,729573	26.1	14.8	10.5	<1
AQ60	714422,729539	25.1	14.7	10.5	<1
AQ61	714401,729416	25.0	14.8	10.5	<1
AQ62	714431,729751	26.0	14.9	10.6	<1
AQ63	714379,729745	23.4	14.5	10.3	<1
AQ64	714426,729667	32.0	15.5	10.9	1
AQ65	713833,729615	22.8	14.5	10.3	<1
AQ66	713805,729583	22.8	14.4	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}	
AQ67	714163,729988	23.6	14.6	10.4	<1
AQ68	714135,729963	24.2	14.7	10.4	<1
AQ69	714380,730076	26.0	14.9	10.6	<1
AQ70	714351,730055	26.7	15.0	10.6	<1
AQ71	714379,730027	25.9	14.9	10.5	<1
AQ72	714122,730001	24.5	14.7	10.4	<1
AQ73	714220,730073	28.6	15.2	10.8	<1
AQ74	714343,730090	24.5	14.7	10.4	<1
AQ75	714359,730159	26.6	14.9	10.5	<1
AQ76	714269,730127	26.6	14.9	10.6	<1
AQ77	714255,730106	27.1	15.0	10.6	<1
AQ78	714390,730113	25.6	14.8	10.5	<1
AQ79	714173,730067	23.8	14.6	10.4	<1
AQ80	714198,730041	25.3	14.8	10.5	<1
AQ81	714150,730042	23.6	14.6	10.4	<1
AQ82	714216,730098	26.1	14.9	10.5	<1
AQ83	714394,730195	30.6	15.3	10.8	<1
AQ84	714378,730235	30.4	15.3	10.8	<1
AQ85	714349,730189	32.1	15.4	10.9	<1
AQ86	714311,730191	30.7	15.4	10.9	<1
AQ87	714449,730237	28.9	15.1	10.7	<1
AQ88	714406,730216	32.2	15.5	11.0	1
AQ89	714516,730270	32.2	15.6	11.0	1
AQ90	714384,730256	28.3	15.1	10.7	<1
AQ91	714425,730243	31.1	15.4	10.9	<1
AQ92	714426,730345	28.0	15.1	10.7	<1
AQ93	714402,730316	26.9	15.0	10.6	<1
AQ94	714393,730285	27.3	15.0	10.6	<1
AQ95	714543,730322	25.1	14.7	10.4	<1
AQ96	714510,730299	26.4	14.9	10.5	<1
AQ97	714419,730316	28.6	15.2	10.7	<1
AQ98	714407,730265	30.2	15.4	10.9	<1
AQ99	714413,730289	29.1	15.2	10.8	<1
AQ100	714451,730420	26.8	15.0	10.6	<1
AQ101	714447,730400	26.6	15.0	10.6	<1
AQ102	714008,729790	22.4	14.4	10.2	<1
AQ103	714022,729805	22.4	14.4	10.2	<1
AQ104	714165,729753	21.8	14.3	10.2	1
AQ105	713824,729690	23.9	14.6	10.4	<1

DM (2024)					
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}	
AQ106	713886,729670	22.7	14.4	10.3	<1
AQ107	713806,729671	23.9	14.6	10.4	<1
AQ108	714378,729772	23.5	14.5	10.3	<1
AQ109	714362,729870	26.6	14.9	10.5	<1
AQ110	714363,729858	25.4	14.7	10.5	<1
AQ111	713877,729747	23.9	14.6	10.4	<1
AQ112	714416,729790	27.5	15.2	10.7	<1
AQ113	714056,729845	22.5	14.4	10.3	<1
AQ114	713931,729810	23.5	14.6	10.3	<1
AQ115	713895,729766	23.9	14.6	10.4	<1
AQ116	713944,729732	22.7	14.4	10.3	<1
AQ117	713948,729829	23.4	14.5	10.3	<1
AQ118	714094,729768	21.7	14.3	10.2	1
AQ119	714351,729974	24.7	14.7	10.4	<1
AQ120	714062,729933	25.3	14.8	10.5	<1
AQ121	714095,729932	26.2	15.0	10.6	<1
AQ122	714414,729828	26.2	15.0	10.6	<1
AQ123	714230,729841	23.0	14.5	10.3	<1
AQ124	714389,729959	26.4	14.9	10.6	<1
AQ125	714354,729921	24.4	14.6	10.4	<1
AQ126	714459,730461	26.7	15.0	10.6	<1
AQ127	714615,730352	24.8	14.7	10.4	<1
AQ128	714588,730286	25.1	14.7	10.5	<1
AQ129	714559,730273	25.2	14.7	10.5	<1
AQ130	714617,730298	24.4	14.7	10.4	<1
AQ131	714759,730357	23.6	14.5	10.3	<1
AQ132	714720,730342	23.7	14.6	10.4	<1
AQ133	714794,730371	23.6	14.5	10.3	<1
AQ134	711504,728117	40.7	17.8	12.3	1
AQ135	714487,730884	24.3	14.7	10.4	<1
AQ136	712851,728702	26.5	15.0	10.6	<1
AQ137	712911,728728	25.5	14.9	10.5	<1
AQ138	714558,731040	26.4	14.9	10.6	<1
AQ139	714538,730914	28.1	15.3	10.8	<1
AQ140	714526,730892	27.8	15.3	10.8	<1
AQ141	714542,731006	25.9	14.9	10.5	<1
AQ142	714556,730950	28.9	15.4	10.9	<1
AQ143	714459,730665	29.4	15.6	11.0	1
AQ144	714461,730476	27.0	15.0	10.6	<1

DM (2024)					
Receptor	Receptor Location (ITM)	Annual Mean Conc. ($\mu\text{g}/\text{m}^3$)			No. of PM ₁₀ days >50 $\mu\text{g}/\text{m}^3$
		NO ₂	PM ₁₀	PM _{2.5}	
AQ145	714441,730524	24.7	14.7	10.4	<1
AQ146	714511,730863	27.5	15.2	10.7	<1
AQ147	714499,730839	27.3	15.2	10.7	<1
AQ148	714464,730543	28.1	15.3	10.8	<1
AQ149	714444,730550	25.5	14.9	10.6	<1
AQ150	714453,730808	24.4	14.7	10.4	<1
AQ151	714435,730721	24.0	14.7	10.4	<1
AQ152	714438,730774	24.1	14.7	10.4	<1
AQ153	714431,730759	24.2	14.7	10.4	<1
AQ154	714450,730590	23.9	14.6	10.4	<1
AQ155	714448,730655	24.0	14.7	10.4	<1
AQ156	714450,730689	25.5	14.9	10.6	<1
AQ157	714478,730611	26.1	15.0	10.6	<1
AQ158	714486,730815	27.5	15.2	10.7	<1
AQ159	714477,730781	25.9	15.0	10.6	<1
AQ160	714457,730738	25.5	14.9	10.6	<1
AQ161	714478,730863	24.3	14.7	10.4	<1
AQ162	714671,731166	26.6	14.9	10.6	<1
AQ163	714628,731162	27.2	15.0	10.6	<1
AQ164	714646,731575	27.5	15.1	10.7	<1
AQ165	714625,731558	28.3	15.2	10.7	<1
AQ166	714591,731017	40.2	17.0	11.9	1
AQ167	714566,730968	29.9	15.5	10.9	1
AQ168	714598,731126	24.8	14.7	10.4	<1
AQ169	714645,731121	27.9	15.1	10.7	<1
AQ170	714657,731426	27.6	15.2	10.7	<1
AQ171	714647,731221	29.8	15.3	10.8	<1
AQ172	714630,731471	24.1	14.6	10.4	<1
AQ173	714654,731516	26.8	15.0	10.6	<1
AQ174	714631,731510	24.8	14.7	10.4	<1
AQ175	714703,731332	25.7	14.8	10.5	<1
AQ176	714666,731306	25.8	14.8	10.5	<1
AQ177	714605,731037	36.1	16.4	11.5	1
AQ178	714669,731341	25.5	14.8	10.5	<1
AQ179	714665,731366	24.6	14.7	10.4	<1
AQ180	714613,731056	37.1	16.5	11.6	1
AQ181	714683,731190	28.9	15.2	10.8	<1
AQ182	714658,731410	24.2	14.6	10.4	<1
AQ183	714691,731246	27.2	15.0	10.6	<1

DM (2024)					
Receptor	Receptor Location (ITM)	Annual Mean Conc. ($\mu\text{g}/\text{m}^3$)			No. of PM_{10} days $>50 \mu\text{g}/\text{m}^3$
		NO_2	PM_{10}	$\text{PM}_{2.5}$	
AQ184	714703,731365	25.3	14.8	10.5	<1
AQ185	714689,731396	25.8	14.9	10.5	<1
AQ186	714691,731277	27.4	15.0	10.6	<1
AQ187	714937,730458	27.7	15.1	10.7	<1
AQ188	714970,730446	28.1	15.1	10.7	<1
AQ189	714993,730456	30.5	15.4	10.9	<1
AQ190	714984,730476	31.0	15.5	10.9	<1
AQ191	715008,730506	27.5	15.1	10.7	<1
AQ192	715024,730536	26.6	15.0	10.6	<1
AQ193	715089,730608	24.1	14.6	10.4	<1
AQ194	715076,730579	24.4	14.7	10.4	<1
AQ195	715033,730562	25.8	14.9	10.6	<1
AQ196	715121,730694	24.4	14.7	10.4	<1
AQ197	715105,730663	24.9	14.8	10.5	<1
AQ198	715074,730659	28.1	15.3	10.8	<1
AQ199	715060,730623	25.6	14.9	10.5	<1
AQ200	715142,730748	24.3	14.7	10.4	<1
AQ201	715129,730715	24.4	14.7	10.4	<1
AQ202	712328,728474	26.1	15.0	10.6	<1
AQ203	712506,728571	25.1	14.8	10.5	<1
AQ204	712801,728725	26.4	15.0	10.6	<1
AQ205	712757,728707	28.2	15.2	10.7	<1
AQ206	712762,728653	27.0	15.0	10.6	<1
AQ207	712805,728662	24.9	14.7	10.5	<1
AQ208	715337,731243	23.8	14.6	10.4	<1
AQ209	715314,731318	23.1	14.5	10.3	<1
AQ210	715299,731277	23.1	14.5	10.3	<1
AQ211	715239,731127	23.7	14.6	10.3	<1
AQ212	715304,731163	24.1	14.7	10.4	<1
AQ213	715314,731188	24.0	14.6	10.4	<1
AQ214	715292,731133	24.3	14.7	10.4	<1
AQ215	715232,730976	24.5	14.7	10.4	<1
AQ216	715245,731012	24.8	14.7	10.4	<1
AQ217	715257,731078	27.2	14.9	10.6	<1
AQ218	715272,731210	23.2	14.5	10.3	<1
AQ219	715323,731209	23.9	14.6	10.4	<1
AQ220	715378,731344	23.8	14.6	10.4	<1
AQ221	715364,731309	23.7	14.6	10.4	<1
AQ222	715097,730767	23.6	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}	
AQ223	715120,730777	27.0	15.1	10.7	<1
AQ224	715120,730825	23.4	14.5	10.3	<1
AQ225	715128,730846	23.5	14.5	10.3	<1
AQ226	715184,730988	23.7	14.5	10.3	<1
AQ227	715190,730872	24.7	14.7	10.4	<1
AQ228	715204,730904	25.0	14.7	10.4	<1
AQ229	715232,731078	27.2	14.9	10.6	<1
AQ230	715141,730879	24.0	14.6	10.4	<1
AQ231	715192,731011	23.6	14.5	10.3	<1
AQ232	715224,730957	24.6	14.7	10.4	<1
AQ233	715169,730947	23.9	14.6	10.4	<1
AQ234	715155,730914	24.4	14.6	10.4	<1
AQ235	715348,731384	23.9	14.6	10.4	<1
AQ236	715340,731361	23.9	14.6	10.4	<1
AQ237	715378,731455	25.2	14.7	10.5	<1
AQ238	715182,730847	24.2	14.7	10.4	<1
AQ239	715168,730816	24.5	14.7	10.4	<1
AQ240	715401,731539	24.7	14.7	10.4	<1
AQ241	715401,731406	24.2	14.7	10.4	<1
AQ242	715421,731471	26.1	14.9	10.5	<1
AQ243	715439,731516	28.5	15.1	10.7	<1
AQ244	715573,732087	25.8	14.8	10.5	<1
AQ245	714279,728766	22.6	14.4	10.2	<1
AQ246	715566,732023	28.5	15.1	10.7	<1
AQ247	715589,732078	27.5	15.0	10.6	<1
AQ248	715577,732126	26.5	14.9	10.5	<1
AQ249	715605,732127	25.9	14.8	10.5	<1
AQ250	715598,732173	34.0	15.7	11.1	1
AQ251	715612,732226	27.7	14.9	10.6	<1
AQ252	715567,732221	24.6	14.6	10.4	<1
AQ253	715607,732187	28.7	15.1	10.7	<1
AQ254	714934,730435	25.5	14.8	10.5	<1
AQ255	714906,730412	23.9	14.6	10.4	<1
AQ256	714926,730419	24.2	14.6	10.4	<1
AQ257	714750,730413	25.6	14.8	10.5	<1
AQ258	714874,730458	25.1	14.7	10.5	<1
AQ259	714821,730441	24.9	14.7	10.5	<1
AQ260	714879,730402	23.6	14.5	10.3	<1
AQ261	714616,731584	25.4	14.8	10.5	<1

DM (2024)					
Receptor	Receptor Location (ITM)	Annual Mean Conc. ($\mu\text{g}/\text{m}^3$)			No. of PM ₁₀ days >50 $\mu\text{g}/\text{m}^3$
		NO ₂	PM ₁₀	PM _{2.5}	
AQ262	714617,731609	24.4	14.6	10.4	<1
AQ263	714640,731615	26.6	14.9	10.6	<1
AQ264	714628,731668	24.8	14.7	10.4	<1
AQ265	714662,731688	27.0	15.0	10.6	<1
AQ266	714655,731662	27.2	15.0	10.6	<1
AQ267	714642,731633	26.8	15.0	10.6	<1
AQ268	715504,731583	26.9	14.9	10.6	<1
AQ269	715510,731547	26.4	14.9	10.5	<1
AQ270	715474,731556	28.8	15.2	10.7	<1
AQ271	715545,731569	28.0	15.0	10.6	<1
AQ272	715565,731807	27.7	15.1	10.7	<1
AQ273	715555,731672	29.5	15.3	10.8	<1
AQ274	715559,731735	28.0	15.1	10.7	<1
AQ275	715557,731695	28.3	15.1	10.7	<1
AQ276	715562,731756	27.6	15.1	10.7	<1
AQ277	715537,731815	26.1	14.9	10.5	<1
AQ278	715536,731734	26.3	14.9	10.5	<1
AQ279	715544,731749	29.3	15.3	10.8	<1
AQ280	715550,731624	31.1	15.4	10.9	<1
AQ281	715528,731690	25.9	14.8	10.5	<1
AQ282	715525,731657	27.0	14.9	10.6	<1
AQ283	715568,731843	27.8	15.1	10.7	<1
AQ284	715571,731878	27.6	15.1	10.7	<1
AQ285	714312,728772	24.3	14.6	10.4	<1
AQ286	714337,728755	26.8	15.0	10.6	<1
AQ287	715587,732328	24.9	14.7	10.4	<1
AQ288	715620,732332	27.2	14.9	10.6	<1
AQ289	714315,728795	25.6	14.8	10.5	<1
AQ290	715601,732421	26.7	14.9	10.5	<1
AQ291	715626,732401	27.4	15.0	10.6	<1
AQ292	715599,732390	26.2	14.9	10.5	<1
AQ293	715618,732297	27.9	14.9	10.6	<1
AQ294	715624,732381	27.0	15.0	10.6	<1
AQ295	715596,732360	35.3	16.2	11.3	1
AQ296	715607,732475	40.1	16.7	11.6	1
AQ297	715628,732456	30.5	15.4	10.8	<1
AQ298	715628,732430	35.7	16.1	11.3	1
AQ299	715592,732582	32.1	15.6	11.0	1
AQ300	715613,732580	35.7	16.0	11.2	1

DM (2024)					
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}	
AQ301	715628,732545	35.3	15.9	11.2	1
AQ302	715615,732562	37.2	16.1	11.3	1
AQ303	715599,732543	30.1	15.2	10.8	<1
AQ304	714523,728542	23.0	14.4	10.3	<1
AQ305	714646,728539	35.4	16.0	11.2	1
AQ306	715543,731935	25.2	14.7	10.5	<1
AQ307	715564,732001	26.7	14.8	10.5	<1
AQ308	715592,732013	26.6	14.8	10.5	<1
AQ309	715585,731918	25.8	14.8	10.5	<1
AQ310	714427,728629	23.4	14.5	10.3	<1
AQ311	714380,728678	24.0	14.6	10.4	<1
AQ312	714466,728594	27.0	15.0	10.6	<1
AQ313	715593,732673	37.7	16.1	11.3	1
AQ314	715598,732649	36.9	16.1	11.3	1
AQ315	715586,732617	32.0	15.6	11.0	1
AQ316	715609,732606	34.7	15.9	11.2	1
AQ317	715567,732733	40.2	16.2	11.4	1
AQ318	715551,733063	33.8	15.9	11.2	1
AQ319	715541,733159	34.2	16.0	11.2	1
AQ320	715550,733100	34.1	16.0	11.2	1
AQ321	715545,733145	33.9	16.0	11.2	1
AQ322	715527,733108	32.1	15.7	11.0	1
AQ323	715526,733215	38.1	16.3	11.4	1
AQ324	715520,733260	37.7	16.2	11.4	1
AQ325	715479,733323	38.8	16.4	11.5	1
AQ326	715467,733351	35.9	16.2	11.4	1
AQ327	715505,733227	34.8	15.8	11.2	1
AQ328	715511,733317	41.1	16.7	11.7	1
AQ329	715510,733290	40.5	16.5	11.6	1
AQ330	715501,733256	35.6	15.9	11.2	1
AQ331	715489,733277	33.4	15.7	11.0	1
AQ332	715592,732740	39.3	16.2	11.4	1
AQ333	715594,732766	42.4	16.6	11.6	1
AQ334	715609,732714	34.2	15.7	11.0	1
AQ335	715555,732801	45.5	16.8	11.8	1
AQ336	715538,732893	35.8	15.8	11.1	1
AQ337	715548,732841	41.1	16.3	11.5	1
AQ338	715528,732933	34.0	15.8	11.1	1
AQ339	715550,732972	35.4	16.1	11.3	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}	$\text{PM}_{2.5}$	
AQ340	715549,732946	37.1	16.2	11.4	1
AQ341	715552,732925	40.4	16.4	11.5	1
AQ342	715525,733017	31.8	15.6	11.0	1
AQ343	715552,733030	33.7	15.9	11.2	1
AQ344	715549,733001	34.9	16.1	11.3	1
AQ345	715558,733878	33.7	15.9	11.2	1
AQ346	715550,733850	34.7	16.0	11.2	1
AQ347	715534,733818	35.5	16.0	11.2	1
AQ348	715543,733798	36.7	16.1	11.3	1
AQ349	715570,733849	35.3	16.1	11.3	1
AQ350	715554,733816	36.5	16.1	11.3	1
AQ351	715580,733962	37.5	16.0	11.3	1
AQ352	715581,733942	38.0	16.3	11.4	1
AQ353	715585,733922	35.1	16.0	11.3	1
AQ354	715579,733991	37.7	16.0	11.3	1
AQ355	715561,734027	36.0	15.8	11.1	1
AQ356	715577,734015	38.9	16.1	11.3	1
AQ357	715588,734078	43.2	16.6	11.7	1
AQ358	715565,734073	42.7	16.6	11.7	1
AQ359	715633,734086	41.0	16.4	11.5	1
AQ360	715198,733939	37.8	16.3	11.4	1
AQ361	715190,733766	32.4	15.8	11.1	1
AQ362	715263,733791	26.3	14.9	10.5	<1
AQ363	715312,733689	32.4	15.7	11.0	1
AQ364	715192,733670	29.0	15.2	10.8	<1
AQ365	715375,733705	25.4	14.7	10.5	<1
AQ366	715625,733645	25.8	14.8	10.5	<1
AQ367	715542,733495	25.3	14.7	10.5	<1
AQ368	715582,733478	26.4	14.9	10.6	<1
AQ369	715561,733437	31.7	15.6	11.0	1
AQ370	715589,733351	38.6	16.7	11.7	1
AQ371	715547,733322	36.4	16.2	11.4	1
AQ372	715506,733370	31.2	15.5	10.9	1
AQ373	715434,733477	26.7	14.9	10.6	<1
AQ374	715403,733522	28.1	15.1	10.7	<1
AQ375	715407,733559	32.0	15.6	11.0	1
AQ376	715245,733510	29.6	15.3	10.8	<1
AQ377	715372,733360	25.8	15.6	11.0	1
AQ378	715265,733291	25.9	14.8	10.5	<1

DM (2024)					
Receptor	Receptor Location (ITM)	Annual Mean Conc. ($\mu\text{g}/\text{m}^3$)			No. of PM ₁₀ days >50 $\mu\text{g}/\text{m}^3$
		NO ₂	PM ₁₀	PM _{2.5}	
AQ379	715286,733094	24.0	14.6	10.4	<1
AQ380	715410,733084	23.5	14.5	10.3	<1
AQ381	715306,732923	24.5	14.6	10.4	<1
AQ382	715436,732955	30.7	14.7	10.5	<1
AQ383	715186,733394	31.6	15.6	11.0	1
AQ384	715054,733468	46.0	17.1	12.0	1
AQ385	715026,733416	31.6	15.5	10.9	1
AQ386	715025,733184	34.3	16.0	11.2	1
AQ387	715610,732912	30.4	16.4	11.5	1
AQ388	715750,732934	26.7	14.9	10.6	<1
AQ389	715966,732916	30.6	14.8	10.5	<1
AQ390	715663,732808	37.3	16.2	11.4	1
AQ391	715963,732820	27.3	16.1	11.3	1
AQ392	715780,732690	25.9	14.8	10.5	<1
AQ393	715829,732595	30.5	14.8	10.5	<1
AQ394	715889,732519	40.9	16.9	11.7	1
AQ395	716046,732576	31.2	15.7	11.0	1
AQ396	716211,732645	32.0	15.9	10.8	1
AQ397	716325,732791	40.4	16.5	11.5	1
AQ398	716370,732708	30.5	16.5	11.6	1
AQ399	716454,732738	31.7	15.6	11.0	1
AQ400	716565,732771	27.4	14.6	10.3	<1
AQ401	716457,732655	33.2	16.0	11.2	1
AQ402	716413,732596	26.7	15.9	11.2	1
AQ403	715695,732403	28.7	14.6	10.4	<1
AQ404	715667,732466	28.2	16.1	11.2	1
AQ405	715732,732330	23.5	14.5	10.3	<1
AQ406	715778,732245	23.3	14.5	10.3	<1
AQ407	715775,732197	24.0	14.6	10.4	<1
AQ408	715652,732184	25.4	14.7	10.4	<1
AQ409	715628,731679	26.1	14.8	10.5	<1
AQ410	715549,731535	25.3	14.7	10.4	<1
AQ411	714997,730387	25.9	14.8	10.5	<1
AQ412	714558,729587	25.8	14.9	10.6	<1
AQ413	714245,728611	24.6	14.7	10.4	<1
AQ414	713582,728669	25.9	14.8	10.5	<1
AQ415	713370,728946	23.8	14.6	10.4	<1
AQ416	713465,728912	23.7	14.6	10.4	<1
AQ417	714280,729502	22.8	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}	$\text{PM}_{2.5}$	
AQ418	714282,729246	22.3	14.4	10.2	<1
AQ419	713605,728840	25.5	14.8	10.5	<1
AQ420	712742,728543	27.7	15.1	10.7	<1
AQ421	712624,727889	23.2	14.5	10.3	<1
AQ422	712593,728173	29.1	14.7	10.5	<1
AQ423	711079,727940	30.6	17.7	12.2	1
AQ424	711786,728583	26.5	15.1	10.7	<1
AQ425	711639,728709	25.8	15.0	10.6	<1
AQ426	711612,729013	23.3	14.6	10.4	<1
AQ427	711770,729303	24.9	14.8	10.5	<1
AQ428	712673,728837	24.1	14.7	10.4	<1
AQ429	712641,729186	23.9	14.6	10.4	<1
AQ430	712854,729281	23.2	14.6	10.3	<1
AQ431	713220,729086	25.3	14.8	10.5	<1
AQ432	712786,729453	25.5	14.9	10.6	<1
AQ433	712854,729650	24.3	14.7	10.4	<1
AQ434	712956,730021	23.9	14.7	10.4	<1
AQ435	713168,730321	25.7	15.0	10.6	<1
AQ436	713280,730426	29.6	15.5	10.9	1
AQ437	713447,730377	22.2	14.4	10.2	<1
AQ438	713745,730309	22.5	14.5	10.3	<1
AQ439	714109,730254	23.5	14.6	10.4	<1
AQ440	714261,730188	25.8	14.8	10.5	<1
AQ441	714282,730044	22.6	14.4	10.3	<1
AQ442	715299,731408	22.9	14.4	10.3	<1
AQ443	714821,731290	23.2	14.5	10.3	<1
AQ444	714506,731249	25.7	14.8	10.5	<1
AQ445	714467,731163	24.2	14.6	10.4	<1
AQ446	714243,731093	23.7	14.6	10.4	<1
AQ447	714023,731139	23.3	14.5	10.3	<1
AQ448	714864,731531	22.0	14.3	10.2	<1
AQ449	714569,731741	25.2	14.8	10.5	<1
AQ450	714686,731805	25.7	14.9	10.5	<1
AQ451	714669,732015	25.2	14.7	10.5	<1
AQ452	714757,732148	38.0	15.3	10.8	<1
AQ453	715474,732459	30.8	15.5	11.0	1
AQ454	715321,732438	32.1	15.8	11.1	1
AQ455	715178,732425	34.9	16.3	11.4	1
AQ456	714999,732403	31.3	15.7	11.0	1

DM (2024)					
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}	
AQ457	714843,732402	32.9	17.3	12.0	1
AQ458	714721,732409	24.1	14.6	10.3	<1
AQ459	714612,732426	26.8	14.5	10.2	<1
AQ460	714885,732472	41.3	16.7	11.3	1
AQ461	714863,732553	31.3	15.6	11.0	1
AQ462	714871,732667	37.0	16.5	11.5	1
AQ463	714899,732730	45.2	17.4	12.1	1
AQ464	714775,732703	39.3	17.1	11.9	1
AQ465	714598,732636	31.3	15.8	11.0	1
AQ466	714866,732814	39.6	16.7	11.7	1
AQ467	715146,732757	31.2	15.7	11.0	1
AQ468	715423,732748	27.7	16.0	11.2	1
AQ469	715518,732644	25.1	14.7	10.4	<1
AQ470	715434,732633	25.7	14.8	10.4	<1
AQ471	715364,733592	25.0	14.7	10.4	<1
AQ472	715453,733284	26.4	14.8	10.5	<1
AQ473	715278,733181	26.9	14.9	10.6	<1
AQ474	715375,733024	26.3	14.5	10.3	<1
AQ475	715327,732773	40.1	16.7	11.7	1
AQ476	715949,732398	24.4	15.2	10.7	<1
AQ477	715760,732539	26.1	14.8	10.5	<1
AQ478	713831,729489	21.9	14.3	10.2	<1
AQ479	714680,730812	22.6	14.4	10.3	<1
AQ480	714622,730952	23.8	14.6	10.4	<1
AQ481	714721,731106	25.1	14.7	10.5	<1
AQ482	715399,732403	23.0	14.4	10.3	<1
AQ483	712492,728167	27.3	14.6	10.4	<1
AQ484	715632,734262	41.3	15.4	10.9	<1
AQ485	715512,734227	41.5	15.5	10.9	1
AQ486	716170,734439	44.6	17.0	11.9	1
AQ487	716045,734420	41.1	16.6	11.6	1
AQ488	715959,734385	52.2	17.5	12.2	1
AQ489	715900,734357	47.8	16.8	11.7	1
AQ490	715740,734300	40.9	16.7	11.7	1
AQ491	715810,734074	34.9	15.7	11.0	1
AQ492	716586,732473	27.1	16.1	11.3	1
AQ493	716343,732539	23.7	15.1	10.7	<1
AQ494	716420,732347	21.9	14.6	10.4	<1
AQ495	716572,732103	24.2	15.2	10.7	<1

DM (2024)					
Receptor	Receptor Location (ITM)	Annual Mean Conc. ($\mu\text{g}/\text{m}^3$)			No. of PM_{10} days $>50 \mu\text{g}/\text{m}^3$
		NO_2	PM_{10}	$\text{PM}_{2.5}$	
AQ496	716463,732062	25.6	15.5	10.9	1
AQ497	716449,731864	30.1	15.5	10.9	<1
AQ498	716349,731940	29.0	15.2	10.7	<1
AQ499	716270,731982	29.6	15.2	10.8	<1
AQ500	716087,731894	25.1	14.8	10.5	<1
AQ501	716136,732144	24.1	14.7	10.4	<1
AQ502	716027,732328	24.8	14.7	10.4	<1
AQ503	715904,731787	26.6	15.0	10.6	<1
AQ504	715677,731644	22.9	14.4	10.3	<1
AQ505	715745,731456	22.2	14.3	10.2	<1
AQ506	715613,731390	24.0	14.6	10.4	<1
AQ507	715181,730552	24.4	14.7	10.4	<1
AQ508	715589,730630	22.6	14.4	10.3	<1
AQ509	715702,730608	23.6	14.5	10.3	<1
AQ510	715794,730479	23.1	14.5	10.3	<1
AQ511	715930,730194	25.1	14.8	10.5	<1
AQ512	715614,730003	22.7	14.4	10.3	<1
AQ513	715364,729916	25.9	14.9	10.6	<1
AQ514	715276,729944	23.7	14.6	10.3	<1
AQ515	715290,730046	22.8	14.5	10.3	<1
AQ516	715170,730135	24.6	14.7	10.5	<1
AQ517	715023,730302	24.9	14.7	10.4	<1
AQ518	714747,729597	24.3	14.7	10.4	<1
AQ519	715125,729528	22.2	14.4	10.2	<1
AQ520	715271,729489	22.9	14.5	10.3	<1
AQ521	714498,728147	23.0	14.5	10.3	<1
AQ522	714487,728032	23.5	14.6	10.4	<1
AQ523	714504,727735	22.8	14.5	10.3	<1
AQ524	714394,727586	22.6	14.4	10.2	<1
AQ525	714146,728325	25.6	14.9	10.6	<1
AQ526	713918,728251	21.9	14.3	10.2	<1
AQ527	713770,728229	21.4	14.2	10.1	1
AQ528	713806,728553	21.6	14.3	10.2	1
AQ529	713823,728718	23.2	14.5	10.3	<1
AQ530	713258,728529	23.1	14.5	10.3	<1
AQ531	712763,728380	25.2	14.8	10.5	<1
AQ532	712824,728144	22.9	14.5	10.3	<1
AQ533	712997,727979	22.4	14.4	10.3	<1
AQ534	713343,727868	21.6	14.3	10.2	<1

DM (2024)					
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}	
AQ535	711995,727854	28.7	14.8	10.5	<1
AQ536	711562,727650	27.6	15.4	10.9	<1
AQ537	711058,727381	23.8	14.7	10.4	<1
AQ538	710588,727644	23.5	14.7	10.4	<1
AQ539	710817,727804	27.9	15.4	10.9	<1
AQ540	715093,731372	22.6	14.8	10.5	<1
AQ541	715187,731752	24.3	14.3	10.2	<1
AQ542	711291,727649	28.9	14.9	10.5	<1
AQ543	711052,728045	24.1	14.8	10.5	<1
AQ544	714401,730485	22.9	14.4	10.3	<1
AQ545	715604,731458	22.7	14.4	10.3	<1
AQ546	714609,728344	21.1	14.4	10.3	<1
AQ547	712429,728529	24.8	15.5	10.9	1
AQ548	713667,729497	31.5	15.7	11.1	1
AQ549	713726,729649	22.0	14.3	10.2	<1
AQ550	713514,729333	32.1	15.8	11.1	1
AQ551	713804,729826	21.3	14.2	10.1	1
AQ552	714407,728609	22.1	14.3	10.2	<1
AQ553	714516,728566	25.2	14.7	10.4	<1
AQ554	714188,730289	22.3	14.4	10.2	<1
AQ555	715134,731320	21.7	14.3	10.2	1
AQ556	714941,730695	22.9	14.5	10.3	<1
AQ557	715471,732201	22.0	14.3	10.2	1
AQ558	715430,731892	21.8	14.3	10.2	1
AQ559	715472,732158	22.4	14.3	10.2	<1
AQ560	715186,731303	21.7	14.3	10.2	1
AQ561	715281,731576	22.0	14.3	10.2	<1
AQ562	715301,731445	25.8	14.8	10.5	<1
AQ563	715387,731526	24.5	14.6	10.4	<1
AQ564	713419,729131	23.8	14.5	10.3	<1
AQ565	713495,729279	27.9	15.0	10.6	<1
AQ566	715110,731002	21.9	14.3	10.2	<1
AQ567	715477,731947	22.5	14.4	10.2	<1
AQ568	715437,732107	22.0	14.3	10.2	<1
AQ569	715793,732463	24.1	14.6	10.3	<1
AQ570	715436,733656	29.2	14.6	10.4	<1
AQ571	715567,732856	65.5	16.6	11.7	1
AQ572	715646,732542	27.4	14.9	10.5	<1
AQ573	715578,731474	27.4	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}	$\text{PM}_{2.5}$	
AQ574	715716,734090	50.3	15.8	11.2	1
AQ575	715611,734049	30.3	16.2	11.4	1
AQ576	715586,734171	30.4	15.2	10.8	<1
AQ577	715449,734173	34.2	15.7	11.1	1
AQ578	715477,732917	25.3	15.3	10.8	<1
AQ579	715417,732871	24.8	15.2	10.7	<1
AQ580	715417,733716	27.5	15.0	10.6	<1
AQ581	715633,733696	30.5	15.4	10.9	<1
AQ582	715505,733658	33.6	15.6	11.0	1
AQ583	715635,733950	32.3	14.9	10.5	<1
AQ584	715594,733943	29.8	15.3	10.8	<1
AQ585	715377,733743	27.1	15.0	10.6	<1
AQ586	712412,728403	22.2	14.8	10.5	<1
AQ587	712361,728433	22.9	14.5	10.3	<1
AQ588	714324,729142	22.4	14.7	10.4	<1
AQ589	712204,728642	22.4	14.4	10.3	<1
AQ590	712458,728492	22.8	14.5	10.3	<1
AQ591	712480,728470	22.4	14.4	10.3	<1
AQ592	715657,733054	25.9	14.8	10.5	<1
AQ593	715334,732910	26.2	14.8	10.5	<1
AQ594	715632,732945	27.0	14.9	10.5	<1
AQ595	715414,733176	28.0	14.6	10.4	<1
AQ596	715603,733302	25.4	14.7	10.5	<1
AQ597	712470,729550	25.1	14.4	10.3	<1
AQ598	715405,733325	35.5	15.2	10.8	<1
AQ599	716121,732801	31.6	15.0	10.6	<1
AQ600	711059,728221	27.6	15.5	10.9	<1
Air Quality Limit Value Objective		40	40	25	35

In the cumulative 2024 DM scenario annual mean concentrations of NO_2 are above the relevant national air quality limit value objective in some areas; 30 exceedances were modelled at receptors on the R105 Burgh Quay, R110 Kevin St Lower, R111 Canal Rd, R114 Aungier St/Camden St Lower/Rathmines Rd Lower/Richmond St South/South Great George's St, R137 Clanbrassil St Lower/ Clanbrassil St Upper/Dame St/Harold's Cross Rd/New St South/Tallaght Rd, R138 Leeson St Lower, R148 Aston Quay/Wellington Quay and R811 South Circular Rd. 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.

1.2 ‘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. (µg/m ³)			No. of PM ₁₀ days >50 µg/m ³
		NO ₂	PM ₁₀	PM _{2.5}	
AQ1	715497,733761	34.9	15.8	11.1	1
AQ2	715518,733754	38.1	16.2	11.4	1
AQ3	715484,733638	33.3	15.7	11.1	1
AQ4	715482,733620	33.2	15.7	11.1	1
AQ5	715498,733591	36.3	16.1	11.3	1
AQ6	715508,733685	38.7	16.3	11.4	1
AQ7	715504,733648	36.6	16.1	11.3	1
AQ8	715488,733494	41.5	17.2	12.0	1
AQ9	715493,733542	41.4	17.0	11.9	1
AQ10	715467,733397	33.9	16.0	11.2	1
AQ11	715480,733431	39.8	16.8	11.7	1
AQ12	715511,733714	37.7	16.1	11.3	1
AQ13	715495,733568	36.8	16.2	11.4	1
AQ14	712950,728834	24.7	14.8	10.5	<1
AQ15	712947,728763	26.2	15.0	10.6	<1
AQ16	712897,728766	26.0	15.0	10.6	<1
AQ17	712851,728742	26.3	15.0	10.6	<1
AQ18	712920,728769	30.3	15.7	11.0	1
AQ19	712989,728806	25.4	14.9	10.5	<1
AQ20	712971,728856	24.8	14.8	10.5	<1
AQ21	713447,729283	25.1	14.7	10.4	<1
AQ22	713348,729154	25.7	14.8	10.5	<1
AQ23	713380,729196	25.4	14.7	10.5	<1
AQ24	713405,729228	25.3	14.7	10.5	<1
AQ25	713760,729523	23.1	14.5	10.3	<1
AQ26	713736,729595	24.4	14.7	10.4	<1
AQ27	713694,729559	24.1	14.6	10.4	<1
AQ28	713084,728899	25.9	15.0	10.6	<1
AQ29	713058,728888	26.1	15.0	10.6	<1
AQ30	713023,728856	27.0	15.1	10.7	<1
AQ31	713213,728947	26.1	14.9	10.5	<1
AQ32	713027,728912	24.7	14.8	10.5	<1
AQ33	713092,728926	30.2	15.7	11.0	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}	
AQ34	713263,728983	26.3	14.9	10.5	<1
AQ35	713246,729027	27.6	15.0	10.6	<1
AQ36	714330,728954	24.9	14.7	10.4	<1
AQ37	714289,728883	27.0	14.9	10.6	<1
AQ38	713201,728990	26.9	14.9	10.6	<1
AQ39	713150,728963	25.6	14.8	10.5	<1
AQ40	713369,729099	26.3	14.9	10.5	<1
AQ41	713394,729128	25.5	14.8	10.5	<1
AQ42	713350,729072	26.6	14.9	10.6	<1
AQ43	714372,729091	24.1	14.6	10.4	<1
AQ44	714372,729117	25.0	14.7	10.4	<1
AQ45	714379,729064	25.1	14.7	10.4	<1
AQ46	714419,730390	26.6	15.0	10.6	<1
AQ47	714367,729260	24.0	14.6	10.4	<1
AQ48	714365,729398	24.1	14.7	10.4	<1
AQ49	714367,729218	24.3	14.6	10.4	<1
AQ50	714364,729456	24.1	14.7	10.4	<1
AQ51	714367,729318	24.2	14.7	10.4	<1
AQ52	714402,729345	25.0	14.8	10.5	<1
AQ53	714402,729376	24.9	14.8	10.5	<1
AQ54	714367,729514	24.7	14.7	10.4	<1
AQ55	714338,729575	24.2	14.6	10.4	<1
AQ56	714426,729634	32.7	15.6	11.0	1
AQ57	714422,729576	28.9	15.2	10.7	<1
AQ58	714412,729483	24.2	14.7	10.4	<1
AQ59	714380,729573	26.3	14.9	10.5	<1
AQ60	714422,729539	25.2	14.7	10.5	<1
AQ61	714401,729416	25.1	14.8	10.5	<1
AQ62	714431,729751	26.4	15.0	10.6	<1
AQ63	714379,729745	23.6	14.5	10.3	<1
AQ64	714426,729667	32.6	15.6	11.0	1
AQ65	713833,729615	22.9	14.5	10.3	<1
AQ66	713805,729583	23.0	14.5	10.3	<1
AQ67	714163,729988	23.7	14.6	10.4	<1
AQ68	714135,729963	24.3	14.7	10.4	<1
AQ69	714380,730076	26.4	15.0	10.6	<1
AQ70	714351,730055	27.2	15.1	10.7	<1
AQ71	714379,730027	26.3	14.9	10.6	<1
AQ72	714122,730001	24.6	14.7	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}	
AQ73	714220,730073	28.7	15.2	10.8	<1
AQ74	714343,730090	24.7	14.7	10.4	<1
AQ75	714359,730159	26.9	14.9	10.6	<1
AQ76	714269,730127	26.7	14.9	10.6	<1
AQ77	714255,730106	27.2	15.0	10.6	<1
AQ78	714390,730113	25.9	14.9	10.5	<1
AQ79	714173,730067	23.9	14.6	10.4	<1
AQ80	714198,730041	25.5	14.9	10.5	<1
AQ81	714150,730042	23.8	14.6	10.4	<1
AQ82	714216,730098	26.2	14.9	10.6	<1
AQ83	714394,730195	31.3	15.4	10.9	<1
AQ84	714378,730235	31.2	15.4	10.9	<1
AQ85	714349,730189	32.8	15.5	10.9	1
AQ86	714311,730191	31.2	15.5	10.9	<1
AQ87	714449,730237	29.3	15.2	10.7	<1
AQ88	714406,730216	32.9	15.6	11.0	1
AQ89	714516,730270	32.6	15.7	11.1	1
AQ90	714384,730256	29.1	15.2	10.7	<1
AQ91	714425,730243	31.8	15.5	10.9	1
AQ92	714426,730345	29.1	15.3	10.8	<1
AQ93	714402,730316	27.8	15.1	10.7	<1
AQ94	714393,730285	28.2	15.1	10.7	<1
AQ95	714543,730322	25.3	14.7	10.5	<1
AQ96	714510,730299	26.7	14.9	10.6	<1
AQ97	714419,730316	29.8	15.3	10.8	<1
AQ98	714407,730265	31.3	15.5	10.9	1
AQ99	714413,730289	30.2	15.4	10.9	<1
AQ100	714451,730420	27.9	15.1	10.7	<1
AQ101	714447,730400	27.7	15.2	10.7	<1
AQ102	714008,729790	22.5	14.4	10.3	<1
AQ103	714022,729805	22.5	14.4	10.3	<1
AQ104	714165,729753	21.8	14.3	10.2	<1
AQ105	713824,729690	24.1	14.6	10.4	<1
AQ106	713886,729670	22.8	14.5	10.3	<1
AQ107	713806,729671	24.1	14.6	10.4	<1
AQ108	714378,729772	23.7	14.6	10.4	<1
AQ109	714362,729870	27.1	14.9	10.6	<1
AQ110	714363,729858	25.8	14.8	10.5	<1
AQ111	713877,729747	24.0	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}	
AQ112	714416,729790	28.0	15.2	10.8	<1
AQ113	714056,729845	22.6	14.4	10.3	<1
AQ114	713931,729810	23.6	14.6	10.4	<1
AQ115	713895,729766	24.0	14.6	10.4	<1
AQ116	713944,729732	22.8	14.4	10.3	<1
AQ117	713948,729829	23.6	14.6	10.4	<1
AQ118	714094,729768	21.8	14.3	10.2	1
AQ119	714351,729974	25.0	14.7	10.5	<1
AQ120	714062,729933	25.5	14.9	10.5	<1
AQ121	714095,729932	26.4	15.0	10.6	<1
AQ122	714414,729828	26.6	15.0	10.6	<1
AQ123	714230,729841	23.1	14.5	10.3	<1
AQ124	714389,729959	26.7	15.0	10.6	<1
AQ125	714354,729921	24.6	14.6	10.4	<1
AQ126	714459,730461	27.9	15.1	10.7	<1
AQ127	714615,730352	24.9	14.7	10.5	<1
AQ128	714588,730286	25.2	14.7	10.5	<1
AQ129	714559,730273	25.4	14.7	10.5	<1
AQ130	714617,730298	24.6	14.7	10.4	<1
AQ131	714759,730357	23.7	14.6	10.3	<1
AQ132	714720,730342	23.9	14.6	10.4	<1
AQ133	714794,730371	23.7	14.6	10.3	<1
AQ134	711504,728117	42.0	18.0	12.5	2
AQ135	714487,730884	25.1	14.8	10.5	<1
AQ136	712851,728702	26.7	15.1	10.7	<1
AQ137	712911,728728	25.7	14.9	10.6	<1
AQ138	714558,731040	27.5	15.1	10.7	<1
AQ139	714538,730914	29.5	15.5	10.9	<1
AQ140	714526,730892	29.3	15.5	10.9	<1
AQ141	714542,731006	26.8	15.0	10.6	<1
AQ142	714556,730950	30.4	15.6	11.0	1
AQ143	714459,730665	31.2	15.9	11.2	1
AQ144	714461,730476	28.2	15.2	10.7	<1
AQ145	714441,730524	25.4	14.8	10.5	<1
AQ146	714511,730863	28.9	15.4	10.9	<1
AQ147	714499,730839	28.6	15.4	10.8	<1
AQ148	714464,730543	29.5	15.5	10.9	1
AQ149	714444,730550	26.5	15.0	10.6	<1
AQ150	714453,730808	25.1	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}	
AQ151	714435,730721	24.7	14.8	10.5	<1
AQ152	714438,730774	24.6	14.7	10.5	<1
AQ153	714431,730759	24.6	14.7	10.5	<1
AQ154	714450,730590	24.5	14.7	10.5	<1
AQ155	714448,730655	24.7	14.8	10.5	<1
AQ156	714450,730689	26.5	15.1	10.7	<1
AQ157	714478,730611	27.2	15.2	10.7	<1
AQ158	714486,730815	28.8	15.4	10.9	<1
AQ159	714477,730781	26.9	15.1	10.7	<1
AQ160	714457,730738	26.4	15.0	10.6	<1
AQ161	714478,730863	25.0	14.8	10.5	<1
AQ162	714671,731166	27.4	15.0	10.6	<1
AQ163	714628,731162	28.3	15.2	10.7	<1
AQ164	714646,731575	28.7	15.2	10.8	<1
AQ165	714625,731558	29.8	15.4	10.9	<1
AQ166	714591,731017	43.6	17.5	12.2	1
AQ167	714566,730968	31.5	15.7	11.1	1
AQ168	714598,731126	25.4	14.8	10.5	<1
AQ169	714645,731121	29.1	15.3	10.8	<1
AQ170	714657,731426	29.1	15.4	10.9	<1
AQ171	714647,731221	31.3	15.4	10.9	<1
AQ172	714630,731471	24.9	14.7	10.4	<1
AQ173	714654,731516	28.2	15.1	10.7	<1
AQ174	714631,731510	25.6	14.8	10.5	<1
AQ175	714703,731332	26.6	14.9	10.6	<1
AQ176	714666,731306	26.7	14.9	10.6	<1
AQ177	714605,731037	38.9	16.8	11.7	1
AQ178	714669,731341	26.3	14.9	10.6	<1
AQ179	714665,731366	25.2	14.8	10.5	<1
AQ180	714613,731056	40.0	17.0	11.9	1
AQ181	714683,731190	29.9	15.3	10.8	<1
AQ182	714658,731410	24.9	14.7	10.5	<1
AQ183	714691,731246	28.2	15.1	10.7	<1
AQ184	714703,731365	26.0	14.9	10.5	<1
AQ185	714689,731396	26.7	15.0	10.6	<1
AQ186	714691,731277	28.7	15.1	10.7	<1
AQ187	714937,730458	28.0	15.1	10.7	<1
AQ188	714970,730446	28.3	15.2	10.7	<1
AQ189	714993,730456	30.8	15.4	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	PM _{2.5}	
AQ190	714984,730476	31.3	15.5	11.0	1
AQ191	715008,730506	27.8	15.1	10.7	<1
AQ192	715024,730536	27.0	15.1	10.7	<1
AQ193	715089,730608	24.3	14.7	10.4	<1
AQ194	715076,730579	24.6	14.7	10.4	<1
AQ195	715033,730562	26.1	14.9	10.6	<1
AQ196	715121,730694	24.7	14.7	10.5	<1
AQ197	715105,730663	25.2	14.8	10.5	<1
AQ198	715074,730659	28.7	15.4	10.8	<1
AQ199	715060,730623	26.0	14.9	10.6	<1
AQ200	715142,730748	24.6	14.7	10.4	<1
AQ201	715129,730715	24.7	14.7	10.5	<1
AQ202	712328,728474	26.3	15.1	10.7	<1
AQ203	712506,728571	25.2	14.9	10.5	<1
AQ204	712801,728725	26.6	15.0	10.6	<1
AQ205	712757,728707	28.3	15.2	10.7	<1
AQ206	712762,728653	27.1	15.0	10.6	<1
AQ207	712805,728662	25.0	14.8	10.5	<1
AQ208	715337,731243	24.1	14.7	10.4	<1
AQ209	715314,731318	23.3	14.5	10.3	<1
AQ210	715299,731277	23.3	14.5	10.3	<1
AQ211	715239,731127	24.0	14.6	10.4	<1
AQ212	715304,731163	24.4	14.7	10.4	<1
AQ213	715314,731188	24.3	14.7	10.4	<1
AQ214	715292,731133	24.6	14.7	10.4	<1
AQ215	715232,730976	24.9	14.7	10.4	<1
AQ216	715245,731012	25.2	14.7	10.5	<1
AQ217	715257,731078	27.8	14.9	10.6	<1
AQ218	715272,731210	23.4	14.5	10.3	<1
AQ219	715323,731209	24.2	14.7	10.4	<1
AQ220	715378,731344	24.0	14.7	10.4	<1
AQ221	715364,731309	24.0	14.7	10.4	<1
AQ222	715097,730767	23.9	14.6	10.4	<1
AQ223	715120,730777	27.6	15.2	10.7	<1
AQ224	715120,730825	23.7	14.6	10.4	<1
AQ225	715128,730846	23.7	14.6	10.4	<1
AQ226	715184,730988	23.9	14.6	10.4	<1
AQ227	715190,730872	25.0	14.8	10.5	<1
AQ228	715204,730904	25.3	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}	
AQ229	715232,731078	27.7	15.0	10.6	<1
AQ230	715141,730879	24.2	14.6	10.4	<1
AQ231	715192,731011	23.9	14.6	10.3	<1
AQ232	715224,730957	25.0	14.7	10.4	<1
AQ233	715169,730947	24.2	14.6	10.4	<1
AQ234	715155,730914	24.7	14.7	10.4	<1
AQ235	715348,731384	24.1	14.7	10.4	<1
AQ236	715340,731361	24.2	14.7	10.4	<1
AQ237	715378,731455	25.4	14.8	10.5	<1
AQ238	715182,730847	24.6	14.7	10.4	<1
AQ239	715168,730816	24.8	14.8	10.5	<1
AQ240	715401,731539	24.8	14.7	10.4	<1
AQ241	715401,731406	24.4	14.7	10.4	<1
AQ242	715421,731471	26.5	14.9	10.6	<1
AQ243	715439,731516	28.8	15.2	10.7	<1
AQ244	715573,732087	26.3	14.9	10.5	<1
AQ245	714279,728766	22.6	14.4	10.3	<1
AQ246	715566,732023	29.2	15.2	10.8	<1
AQ247	715589,732078	28.0	15.1	10.7	<1
AQ248	715577,732126	27.0	14.9	10.6	<1
AQ249	715605,732127	26.3	14.8	10.5	<1
AQ250	715598,732173	35.1	15.8	11.1	1
AQ251	715612,732226	28.2	15.0	10.6	<1
AQ252	715567,732221	24.9	14.6	10.4	<1
AQ253	715607,732187	29.4	15.2	10.7	<1
AQ254	714934,730435	25.7	14.8	10.5	<1
AQ255	714906,730412	24.0	14.6	10.4	<1
AQ256	714926,730419	24.4	14.6	10.4	<1
AQ257	714750,730413	25.6	14.8	10.5	<1
AQ258	714874,730458	25.3	14.8	10.5	<1
AQ259	714821,730441	25.1	14.7	10.5	<1
AQ260	714879,730402	23.7	14.6	10.3	<1
AQ261	714616,731584	26.1	14.9	10.5	<1
AQ262	714617,731609	24.9	14.7	10.4	<1
AQ263	714640,731615	27.6	15.1	10.7	<1
AQ264	714628,731668	25.3	14.8	10.5	<1
AQ265	714662,731688	28.2	15.1	10.7	<1
AQ266	714655,731662	28.4	15.2	10.7	<1
AQ267	714642,731633	27.9	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}	$\text{PM}_{2.5}$	
AQ268	715504,731583	27.1	14.9	10.6	<1
AQ269	715510,731547	26.7	14.9	10.6	<1
AQ270	715474,731556	29.1	15.2	10.8	<1
AQ271	715545,731569	28.5	15.1	10.7	<1
AQ272	715565,731807	28.3	15.1	10.7	<1
AQ273	715555,731672	30.2	15.4	10.9	<1
AQ274	715559,731735	28.8	15.2	10.7	<1
AQ275	715557,731695	29.0	15.2	10.8	<1
AQ276	715562,731756	28.3	15.1	10.7	<1
AQ277	715537,731815	26.5	14.9	10.6	<1
AQ278	715536,731734	26.8	14.9	10.6	<1
AQ279	715544,731749	30.2	15.4	10.9	<1
AQ280	715550,731624	31.8	15.5	11.0	1
AQ281	715528,731690	26.3	14.9	10.5	<1
AQ282	715525,731657	27.4	15.0	10.6	<1
AQ283	715568,731843	28.4	15.2	10.7	<1
AQ284	715571,731878	28.3	15.2	10.7	<1
AQ285	714312,728772	24.4	14.6	10.4	<1
AQ286	714337,728755	26.8	15.0	10.6	<1
AQ287	715587,732328	25.2	14.7	10.4	<1
AQ288	715620,732332	27.6	15.0	10.6	<1
AQ289	714315,728795	25.7	14.8	10.5	<1
AQ290	715601,732421	26.9	14.9	10.6	<1
AQ291	715626,732401	27.7	15.0	10.6	<1
AQ292	715599,732390	26.5	14.9	10.5	<1
AQ293	715618,732297	28.3	15.0	10.6	<1
AQ294	715624,732381	27.3	15.0	10.6	<1
AQ295	715596,732360	36.0	16.3	11.4	1
AQ296	715607,732475	40.3	16.7	11.6	1
AQ297	715628,732456	30.8	15.4	10.8	<1
AQ298	715628,732430	36.3	16.2	11.3	1
AQ299	715592,732582	32.3	15.6	11.0	1
AQ300	715613,732580	36.0	16.1	11.3	1
AQ301	715628,732545	35.5	15.9	11.2	1
AQ302	715615,732562	37.5	16.2	11.4	1
AQ303	715599,732543	30.3	15.2	10.8	<1
AQ304	714523,728542	23.0	14.4	10.3	<1
AQ305	714646,728539	35.5	16.0	11.3	1
AQ306	715543,731935	25.5	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}	$\text{PM}_{2.5}$	
AQ307	715564,732001	27.3	14.9	10.6	<1
AQ308	715592,732013	27.2	14.9	10.6	<1
AQ309	715585,731918	26.3	14.9	10.6	<1
AQ310	714427,728629	23.4	14.5	10.3	<1
AQ311	714380,728678	24.0	14.6	10.4	<1
AQ312	714466,728594	27.0	15.0	10.6	<1
AQ313	715593,732673	38.0	16.2	11.4	1
AQ314	715598,732649	37.2	16.1	11.3	1
AQ315	715586,732617	32.1	15.6	11.0	1
AQ316	715609,732606	35.0	16.0	11.2	1
AQ317	715567,732733	40.4	16.2	11.4	1
AQ318	715551,733063	33.9	16.0	11.2	1
AQ319	715541,733159	34.3	16.0	11.3	1
AQ320	715550,733100	34.2	16.0	11.2	1
AQ321	715545,733145	33.9	16.0	11.2	1
AQ322	715527,733108	32.1	15.7	11.0	1
AQ323	715526,733215	38.3	16.3	11.5	1
AQ324	715520,733260	37.8	16.2	11.4	1
AQ325	715479,733323	38.2	16.3	11.5	1
AQ326	715467,733351	35.3	16.1	11.3	1
AQ327	715505,733227	34.9	15.9	11.2	1
AQ328	715511,733317	40.8	16.6	11.6	1
AQ329	715510,733290	40.5	16.5	11.6	1
AQ330	715501,733256	35.7	15.9	11.2	1
AQ331	715489,733277	33.4	15.7	11.0	1
AQ332	715592,732740	39.6	16.2	11.4	1
AQ333	715594,732766	42.6	16.6	11.6	1
AQ334	715609,732714	34.4	15.7	11.1	1
AQ335	715555,732801	45.5	16.8	11.8	1
AQ336	715538,732893	35.9	15.8	11.2	1
AQ337	715548,732841	41.2	16.3	11.5	1
AQ338	715528,732933	34.1	15.8	11.1	1
AQ339	715550,732972	35.5	16.1	11.3	1
AQ340	715549,732946	37.2	16.2	11.4	1
AQ341	715552,732925	40.5	16.4	11.5	1
AQ342	715525,733017	31.9	15.6	11.0	1
AQ343	715552,733030	33.9	15.9	11.2	1
AQ344	715549,733001	35.1	16.1	11.3	1
AQ345	715558,733878	33.6	15.9	11.1	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	PM _{2.5}	
AQ346	715550,733850	34.7	16.0	11.2	1
AQ347	715534,733818	35.5	16.0	11.2	1
AQ348	715543,733798	36.7	16.1	11.3	1
AQ349	715570,733849	35.3	16.1	11.3	1
AQ350	715554,733816	36.5	16.1	11.3	1
AQ351	715580,733962	37.4	16.0	11.3	1
AQ352	715581,733942	37.9	16.3	11.4	1
AQ353	715585,733922	35.1	16.0	11.2	1
AQ354	715579,733991	37.6	16.0	11.2	1
AQ355	715561,734027	35.8	15.8	11.1	1
AQ356	715577,734015	38.7	16.1	11.3	1
AQ357	715588,734078	42.7	16.6	11.6	1
AQ358	715565,734073	42.2	16.6	11.6	1
AQ359	715633,734086	40.6	16.3	11.5	1
AQ360	715198,733939	37.6	16.2	11.4	1
AQ361	715190,733766	32.3	15.8	11.1	1
AQ362	715263,733791	26.1	14.8	10.5	<1
AQ363	715312,733689	32.1	15.6	11.0	1
AQ364	715192,733670	28.9	15.2	10.7	<1
AQ365	715375,733705	25.3	14.7	10.4	<1
AQ366	715625,733645	25.8	14.8	10.5	<1
AQ367	715542,733495	25.2	14.7	10.4	<1
AQ368	715582,733478	26.3	14.9	10.5	<1
AQ369	715561,733437	31.5	15.6	11.0	1
AQ370	715589,733351	37.7	16.5	11.6	1
AQ371	715547,733322	35.8	16.1	11.3	1
AQ372	715506,733370	31.0	15.5	10.9	<1
AQ373	715434,733477	26.6	14.9	10.6	<1
AQ374	715403,733522	27.9	15.1	10.7	<1
AQ375	715407,733559	31.9	15.6	11.0	1
AQ376	715245,733510	29.3	15.3	10.8	<1
AQ377	715372,733360	25.4	15.5	10.9	<1
AQ378	715265,733291	25.7	14.8	10.5	<1
AQ379	715286,733094	24.0	14.6	10.3	<1
AQ380	715410,733084	23.5	14.5	10.3	<1
AQ381	715306,732923	24.4	14.6	10.4	<1
AQ382	715436,732955	30.6	14.7	10.5	<1
AQ383	715186,733394	30.6	15.5	10.9	<1
AQ384	715054,733468	44.0	16.7	11.7	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}	$\text{PM}_{2.5}$	
AQ385	715026,733416	31.2	15.4	10.9	<1
AQ386	715025,733184	34.7	16.0	11.3	1
AQ387	715610,732912	30.4	16.4	11.5	1
AQ388	715750,732934	26.7	14.9	10.6	<1
AQ389	715966,732916	30.6	14.8	10.5	<1
AQ390	715663,732808	37.4	16.2	11.4	1
AQ391	715963,732820	27.3	16.1	11.3	1
AQ392	715780,732690	26.0	14.8	10.5	<1
AQ393	715829,732595	30.5	14.8	10.5	<1
AQ394	715889,732519	40.6	16.9	11.7	1
AQ395	716046,732576	31.0	15.7	11.0	1
AQ396	716211,732645	31.9	15.9	10.8	1
AQ397	716325,732791	41.2	16.6	11.6	1
AQ398	716370,732708	30.8	16.6	11.6	1
AQ399	716454,732738	31.5	15.6	11.0	1
AQ400	716565,732771	27.3	14.6	10.3	<1
AQ401	716457,732655	34.1	16.1	11.3	1
AQ402	716413,732596	27.1	16.0	11.2	1
AQ403	715695,732403	29.0	14.7	10.4	<1
AQ404	715667,732466	28.3	16.2	11.2	1
AQ405	715732,732330	23.6	14.5	10.3	<1
AQ406	715778,732245	23.5	14.5	10.3	<1
AQ407	715775,732197	24.2	14.6	10.4	<1
AQ408	715652,732184	25.8	14.8	10.5	<1
AQ409	715628,731679	26.3	14.9	10.5	<1
AQ410	715549,731535	25.8	14.8	10.5	<1
AQ411	714997,730387	26.0	14.8	10.5	<1
AQ412	714558,729587	25.8	14.9	10.6	<1
AQ413	714245,728611	24.7	14.7	10.4	<1
AQ414	713582,728669	26.1	14.8	10.5	<1
AQ415	713370,728946	23.9	14.6	10.4	<1
AQ416	713465,728912	23.7	14.6	10.4	<1
AQ417	714280,729502	22.9	14.5	10.3	<1
AQ418	714282,729246	22.4	14.4	10.2	<1
AQ419	713605,728840	25.7	14.8	10.5	<1
AQ420	712742,728543	27.4	15.0	10.6	<1
AQ421	712624,727889	23.3	14.5	10.3	<1
AQ422	712593,728173	29.3	14.7	10.5	<1
AQ423	711079,727940	31.4	17.9	12.4	2

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}	$\text{PM}_{2.5}$	
AQ424	711786,728583	27.2	15.2	10.7	<1
AQ425	711639,728709	26.5	15.1	10.7	<1
AQ426	711612,729013	23.7	14.6	10.4	<1
AQ427	711770,729303	25.5	14.9	10.6	<1
AQ428	712673,728837	24.0	14.7	10.4	<1
AQ429	712641,729186	23.8	14.6	10.4	<1
AQ430	712854,729281	23.1	14.5	10.3	<1
AQ431	713220,729086	25.3	14.8	10.5	<1
AQ432	712786,729453	25.2	14.9	10.5	<1
AQ433	712854,729650	23.8	14.6	10.4	<1
AQ434	712956,730021	23.3	14.6	10.4	<1
AQ435	713168,730321	24.6	14.8	10.5	<1
AQ436	713280,730426	27.3	15.1	10.7	<1
AQ437	713447,730377	22.1	14.4	10.2	<1
AQ438	713745,730309	22.6	14.5	10.3	<1
AQ439	714109,730254	23.8	14.6	10.4	<1
AQ440	714261,730188	26.3	14.9	10.6	<1
AQ441	714282,730044	22.8	14.4	10.3	<1
AQ442	715299,731408	22.9	14.4	10.3	<1
AQ443	714821,731290	23.3	14.5	10.3	<1
AQ444	714506,731249	26.5	14.9	10.6	<1
AQ445	714467,731163	24.6	14.7	10.4	<1
AQ446	714243,731093	23.8	14.6	10.4	<1
AQ447	714023,731139	23.2	14.5	10.3	<1
AQ448	714864,731531	22.0	14.3	10.2	<1
AQ449	714569,731741	22.8	14.4	10.3	<1
AQ450	714686,731805	26.3	14.9	10.6	<1
AQ451	714669,732015	23.3	14.5	10.3	<1
AQ452	714757,732148	35.5	15.1	10.7	<1
AQ453	715474,732459	30.5	15.5	10.9	1
AQ454	715321,732438	31.6	15.7	11.1	1
AQ455	715178,732425	34.2	16.3	11.4	1
AQ456	714999,732403	30.7	15.6	11.0	1
AQ457	714843,732402	32.0	17.0	11.8	1
AQ458	714721,732409	24.2	14.6	10.3	<1
AQ459	714612,732426	27.1	14.5	10.3	<1
AQ460	714885,732472	38.9	16.5	11.2	1
AQ461	714863,732553	30.6	15.6	10.9	1
AQ462	714871,732667	36.3	16.4	11.5	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}	
AQ463	714899,732730	45.5	17.5	12.2	1
AQ464	714775,732703	42.1	17.5	12.2	1
AQ465	714598,732636	32.8	16.0	11.2	1
AQ466	714866,732814	39.4	16.7	11.7	1
AQ467	715146,732757	31.3	15.7	11.0	1
AQ468	715423,732748	27.6	15.9	11.2	1
AQ469	715518,732644	25.0	14.7	10.4	<1
AQ470	715434,732633	25.6	14.8	10.5	<1
AQ471	715364,733592	25.0	14.7	10.4	<1
AQ472	715453,733284	26.3	14.8	10.5	<1
AQ473	715278,733181	26.9	15.0	10.6	<1
AQ474	715375,733024	26.2	14.4	10.3	<1
AQ475	715327,732773	39.9	16.7	11.7	1
AQ476	715949,732398	24.4	15.2	10.8	<1
AQ477	715760,732539	26.0	14.8	10.5	<1
AQ478	713831,729489	22.0	14.3	10.2	<1
AQ479	714680,730812	22.9	14.4	10.3	<1
AQ480	714622,730952	24.3	14.6	10.4	<1
AQ481	714721,731106	25.3	14.8	10.5	<1
AQ482	715399,732403	22.9	14.4	10.3	<1
AQ483	712492,728167	27.5	14.6	10.4	<1
AQ484	715632,734262	41.0	15.4	10.9	<1
AQ485	715512,734227	41.3	15.5	10.9	1
AQ486	716170,734439	45.2	17.1	12.0	1
AQ487	716045,734420	41.0	16.6	11.6	1
AQ488	715959,734385	51.9	17.5	12.2	1
AQ489	715900,734357	47.7	16.7	11.7	1
AQ490	715740,734300	40.6	16.6	11.7	1
AQ491	715810,734074	34.7	15.7	11.0	1
AQ492	716586,732473	27.6	16.2	11.4	1
AQ493	716343,732539	23.7	15.1	10.7	<1
AQ494	716420,732347	21.9	14.6	10.4	<1
AQ495	716572,732103	24.4	15.2	10.8	<1
AQ496	716463,732062	25.7	15.6	11.0	1
AQ497	716449,731864	30.6	15.5	11.0	1
AQ498	716349,731940	29.2	15.2	10.7	<1
AQ499	716270,731982	29.7	15.2	10.8	<1
AQ500	716087,731894	25.2	14.8	10.5	<1
AQ501	716136,732144	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}	
AQ502	716027,732328	24.9	14.7	10.5	<1
AQ503	715904,731787	26.7	15.0	10.6	<1
AQ504	715677,731644	23.0	14.4	10.3	<1
AQ505	715745,731456	22.3	14.4	10.2	<1
AQ506	715613,731390	24.4	14.7	10.4	<1
AQ507	715181,730552	24.3	14.7	10.4	<1
AQ508	715589,730630	22.4	14.4	10.2	<1
AQ509	715702,730608	23.7	14.5	10.3	<1
AQ510	715794,730479	23.2	14.5	10.3	<1
AQ511	715930,730194	25.3	14.8	10.5	<1
AQ512	715614,730003	23.0	14.5	10.3	<1
AQ513	715364,729916	26.3	15.0	10.6	<1
AQ514	715276,729944	23.9	14.6	10.4	<1
AQ515	715290,730046	22.9	14.5	10.3	<1
AQ516	715170,730135	24.7	14.7	10.5	<1
AQ517	715023,730302	25.0	14.7	10.4	<1
AQ518	714747,729597	24.2	14.7	10.4	<1
AQ519	715125,729528	22.2	14.4	10.2	<1
AQ520	715271,729489	22.9	14.4	10.3	<1
AQ521	714498,728147	23.1	14.5	10.3	<1
AQ522	714487,728032	23.6	14.6	10.4	<1
AQ523	714504,727735	22.8	14.5	10.3	<1
AQ524	714394,727586	22.8	14.4	10.3	<1
AQ525	714146,728325	25.8	14.9	10.6	<1
AQ526	713918,728251	21.9	14.3	10.2	<1
AQ527	713770,728229	21.4	14.2	10.1	1
AQ528	713806,728553	21.6	14.3	10.2	1
AQ529	713823,728718	23.2	14.5	10.3	<1
AQ530	713258,728529	23.2	14.6	10.4	<1
AQ531	712763,728380	25.3	14.8	10.5	<1
AQ532	712824,728144	22.8	14.5	10.3	<1
AQ533	712997,727979	22.3	14.4	10.3	<1
AQ534	713343,727868	21.5	14.3	10.2	<1
AQ535	711995,727854	29.2	14.8	10.5	<1
AQ536	711562,727650	27.8	15.4	10.9	<1
AQ537	711058,727381	24.0	14.7	10.4	<1
AQ538	710588,727644	23.7	14.7	10.4	<1
AQ539	710817,727804	28.7	15.5	10.9	1
AQ540	715093,731372	22.6	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}	
AQ541	715187,731752	24.3	14.3	10.2	<1
AQ542	711291,727649	29.3	14.9	10.6	<1
AQ543	711052,728045	24.4	14.8	10.5	<1
AQ544	714401,730485	23.2	14.5	10.3	<1
AQ545	715604,731458	22.9	14.5	10.3	<1
AQ546	714609,728344	21.1	14.4	10.3	<1
AQ547	712429,728529	24.9	15.6	11.0	1
AQ548	713667,729497	32.1	15.8	11.1	1
AQ549	713726,729649	22.1	14.3	10.2	<1
AQ550	713514,729333	32.6	15.8	11.1	1
AQ551	713804,729826	21.4	14.2	10.2	1
AQ552	714407,728609	22.1	14.3	10.2	<1
AQ553	714516,728566	25.2	14.7	10.4	<1
AQ554	714188,730289	22.5	14.4	10.2	<1
AQ555	715134,731320	21.8	14.3	10.2	1
AQ556	714941,730695	23.1	14.5	10.3	<1
AQ557	715471,732201	22.0	14.3	10.2	<1
AQ558	715430,731892	21.9	14.3	10.2	1
AQ559	715472,732158	22.5	14.4	10.2	<1
AQ560	715186,731303	21.7	14.3	10.2	1
AQ561	715281,731576	22.0	14.3	10.2	<1
AQ562	715301,731445	25.5	14.8	10.5	<1
AQ563	715387,731526	24.5	14.6	10.4	<1
AQ564	713419,729131	23.9	14.6	10.4	<1
AQ565	713495,729279	28.1	15.1	10.7	<1
AQ566	715110,731002	22.0	14.3	10.2	<1
AQ567	715477,731947	22.6	14.4	10.2	<1
AQ568	715437,732107	22.0	14.3	10.2	<1
AQ569	715793,732463	24.1	14.6	10.3	<1
AQ570	715436,733656	29.2	14.6	10.4	<1
AQ571	715567,732856	65.5	16.6	11.7	1
AQ572	715646,732542	27.5	14.9	10.6	<1
AQ573	715578,731474	28.1	14.7	10.4	<1
AQ574	715716,734090	49.9	15.8	11.1	1
AQ575	715611,734049	30.1	16.1	11.3	1
AQ576	715586,734171	30.3	15.2	10.8	<1
AQ577	715449,734173	34.2	15.7	11.1	1
AQ578	715477,732917	25.4	15.3	10.8	<1
AQ579	715417,732871	24.8	15.2	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}	$\text{PM}_{2.5}$	
AQ580	715417,733716	27.4	14.9	10.6	<1
AQ581	715633,733696	30.4	15.4	10.9	<1
AQ582	715505,733658	33.6	15.6	11.0	1
AQ583	715635,733950	32.3	14.9	10.5	<1
AQ584	715594,733943	29.8	15.3	10.8	<1
AQ585	715377,733743	27.0	14.9	10.6	<1
AQ586	712412,728403	22.3	14.8	10.5	<1
AQ587	712361,728433	23.0	14.5	10.3	<1
AQ588	714324,729142	22.5	14.7	10.4	<1
AQ589	712204,728642	22.5	14.4	10.3	<1
AQ590	712458,728492	22.9	14.5	10.3	<1
AQ591	712480,728470	22.5	14.4	10.3	<1
AQ592	715657,733054	25.9	14.8	10.5	<1
AQ593	715334,732910	26.1	14.8	10.5	<1
AQ594	715632,732945	27.0	14.9	10.5	<1
AQ595	715414,733176	28.1	14.6	10.4	<1
AQ596	715603,733302	25.3	14.7	10.4	<1
AQ597	712470,729550	25.2	14.4	10.3	<1
AQ598	715405,733325	34.3	15.1	10.7	<1
AQ599	716121,732801	31.7	15.0	10.6	<1
AQ600	711059,728221	28.0	15.5	10.9	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; 29 exceedances were modelled at receptors on the R105 Burgh Quay, R110 Kevin St Lower, R111 Canal Rd, R114 Aungier St/Camden St Lower/Rathmines Rd Lower/Richmond St South/South Great George's St, R137 Clanbrassil St Lower/ Clanbrassil St Upper/Dame St/Harold's Cross Rd/New St South/Tallaght Rd, R138 Leeson St Lower, R148 Aston Quay/Wellington Quay and R811 South Circular Rd. This is a decrease from 30 exceedances modelled 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 PM10 days >50 $\mu\text{g}/\text{m}^3$	Impact on Annual Mean Conc.		
		NO ₂	PM ₁₀	PM _{2.5}		NO ₂	PM ₁₀	PM _{2.5}
AQ1	721010,729635	-0.1	<0.1	<0.1	<1	Negligible	Negligible	Negligible
AQ2	721010,729636	<0.1	<0.1	<0.1	<1	Negligible	Negligible	Negligible
AQ3	721010,729637	<0.1	<0.1	<0.1	<1	Negligible	Negligible	Negligible
AQ4	721010,729638	<0.1	<0.1	<0.1	<1	Negligible	Negligible	Negligible
AQ5	721010,729639	0.1	<0.1	<0.1	<1	Negligible	Negligible	Negligible
AQ6	721010,729640	<0.1	<0.1	<0.1	<1	Negligible	Negligible	Negligible
AQ7	721010,729641	<0.1	<0.1	<0.1	<1	Negligible	Negligible	Negligible
AQ8	721010,729642	0.2	<0.1	<0.1	<1	Negligible	Negligible	Negligible
AQ9	721010,729643	0.3	<0.1	<0.1	<1	Negligible	Negligible	Negligible
AQ10	721010,729644	-0.2	<0.1	<0.1	<1	Negligible	Negligible	Negligible
AQ11	721010,729645	-0.1	<0.1	<0.1	<1	Negligible	Negligible	Negligible
AQ12	721010,729646	<0.1	<0.1	<0.1	<1	Negligible	Negligible	Negligible
AQ13	721010,729647	0.1	<0.1	<0.1	<1	Negligible	Negligible	Negligible
AQ14	721010,729648	0.1	<0.1	<0.1	<1	Negligible	Negligible	Negligible
AQ15	721010,729649	0.2	<0.1	<0.1	<1	Negligible	Negligible	Negligible
AQ16	721010,729650	0.2	<0.1	<0.1	<1	Negligible	Negligible	Negligible
AQ17	721010,729651	0.2	<0.1	<0.1	<1	Negligible	Negligible	Negligible
AQ18	721010,729652	0.4	0.1	<0.1	<1	Negligible	Negligible	Negligible
AQ19	721010,729653	0.2	<0.1	<0.1	<1	Negligible	Negligible	Negligible
AQ20	721010,729654	0.1	<0.1	<0.1	<1	Negligible	Negligible	Negligible
AQ21	721010,729655	0.1	<0.1	<0.1	<1	Negligible	Negligible	Negligible
AQ22	721010,729656	0.2	<0.1	<0.1	<1	Negligible	Negligible	Negligible
AQ23	721010,729657	0.2	<0.1	<0.1	<1	Negligible	Negligible	Negligible
AQ24	721010,729658	0.1	<0.1	<0.1	<1	Negligible	Negligible	Negligible
AQ25	721010,729659	0.1	<0.1	<0.1	<1	Negligible	Negligible	Negligible
AQ26	721010,729660	0.2	<0.1	<0.1	<1	Negligible	Negligible	Negligible
AQ27	721010,729661	0.2	<0.1	<0.1	<1	Negligible	Negligible	Negligible
AQ28	721010,729662	0.2	<0.1	<0.1	<1	Negligible	Negligible	Negligible
AQ29	721010,729663	0.2	<0.1	<0.1	<1	Negligible	Negligible	Negligible
AQ30	721010,729664	0.2	<0.1	<0.1	<1	Negligible	Negligible	Negligible
AQ31	721010,729665	0.3	<0.1	<0.1	<1	Negligible	Negligible	Negligible
AQ32	721010,729666	0.1	<0.1	<0.1	<1	Negligible	Negligible	Negligible
AQ33	721010,729667	0.4	0.1	<0.1	<1	Negligible	Negligible	Negligible
AQ34	721010,729668	0.2	<0.1	<0.1	<1	Negligible	Negligible	Negligible
AQ35	721010,729669	0.2	<0.1	<0.1	<1	Negligible	Negligible	Negligible
AQ36	721010,729670	0.1	<0.1	<0.1	<1	Negligible	Negligible	Negligible
AQ37	721010,729671	-0.1	<0.1	<0.1	<1	Negligible	Negligible	Negligible
AQ38	721010,729672	0.3	<0.1	<0.1	<1	Negligible	Negligible	Negligible
AQ39	721010,729673	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 PM10 days >50 $\mu\text{g}/\text{m}^3$	Impact on Annual Mean Conc.		
		NO ₂	PM ₁₀	PM _{2.5}		NO ₂	PM ₁₀	PM _{2.5}
AQ40	721010,729674	0.2	<0.1	<0.1	<1	Negligible	Negligible	Negligible
AQ41	721010,729675	0.2	<0.1	<0.1	<1	Negligible	Negligible	Negligible
AQ42	721010,729676	0.2	<0.1	<0.1	<1	Negligible	Negligible	Negligible
AQ43	721010,729677	0.1	<0.1	<0.1	<1	Negligible	Negligible	Negligible
AQ44	721010,729678	0.1	<0.1	<0.1	<1	Negligible	Negligible	Negligible
AQ45	721010,729679	0.1	<0.1	<0.1	<1	Negligible	Negligible	Negligible
AQ46	721010,729680	0.9	0.1	0.1	<1	Negligible	Negligible	Negligible
AQ47	721010,729681	0.1	<0.1	<0.1	<1	Negligible	Negligible	Negligible
AQ48	721010,729682	0.1	<0.1	<0.1	<1	Negligible	Negligible	Negligible
AQ49	721010,729683	0.1	<0.1	<0.1	<1	Negligible	Negligible	Negligible
AQ50	721010,729684	0.1	<0.1	<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	0.1	<0.1	<0.1	<1	Negligible	Negligible	Negligible
AQ55	721010,729689	0.2	<0.1	<0.1	<1	Negligible	Negligible	Negligible
AQ56	721010,729690	0.6	0.1	<0.1	<1	Negligible	Negligible	Negligible
AQ57	721010,729691	0.2	<0.1	<0.1	<1	Negligible	Negligible	Negligible
AQ58	721010,729692	0.1	<0.1	<0.1	<1	Negligible	Negligible	Negligible
AQ59	721010,729693	0.2	<0.1	<0.1	<1	Negligible	Negligible	Negligible
AQ60	721010,729694	0.1	<0.1	<0.1	<1	Negligible	Negligible	Negligible
AQ61	721010,729695	0.1	<0.1	<0.1	<1	Negligible	Negligible	Negligible
AQ62	721010,729696	0.4	<0.1	<0.1	<1	Negligible	Negligible	Negligible
AQ63	721010,729697	0.2	<0.1	<0.1	<1	Negligible	Negligible	Negligible
AQ64	721010,729698	0.6	0.1	<0.1	<1	Negligible	Negligible	Negligible
AQ65	721010,729699	0.1	<0.1	<0.1	<1	Negligible	Negligible	Negligible
AQ66	721010,729700	0.1	<0.1	<0.1	<1	Negligible	Negligible	Negligible
AQ67	721010,729701	0.1	<0.1	<0.1	<1	Negligible	Negligible	Negligible
AQ68	721010,729702	0.1	<0.1	<0.1	<1	Negligible	Negligible	Negligible
AQ69	721010,729703	0.4	<0.1	<0.1	<1	Negligible	Negligible	Negligible
AQ70	721010,729704	0.4	0.1	<0.1	<1	Negligible	Negligible	Negligible
AQ71	721010,729705	0.3	<0.1	<0.1	<1	Negligible	Negligible	Negligible
AQ72	721010,729706	0.1	<0.1	<0.1	<1	Negligible	Negligible	Negligible
AQ73	721010,729707	0.1	<0.1	<0.1	<1	Negligible	Negligible	Negligible
AQ74	721010,729708	0.3	<0.1	<0.1	<1	Negligible	Negligible	Negligible
AQ75	721010,729709	0.4	<0.1	<0.1	<1	Negligible	Negligible	Negligible
AQ76	721010,729710	0.1	<0.1	<0.1	<1	Negligible	Negligible	Negligible
AQ77	721010,729711	0.1	<0.1	<0.1	<1	Negligible	Negligible	Negligible
AQ78	721010,729712	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 PM10 days >50 $\mu\text{g}/\text{m}^3$	Impact on Annual Mean Conc.		
		NO ₂	PM ₁₀	PM _{2.5}		NO ₂	PM ₁₀	PM _{2.5}
AQ79	721010,729713	0.1	<0.1	<0.1	<1	Negligible	Negligible	Negligible
AQ80	721010,729714	0.2	<0.1	<0.1	<1	Negligible	Negligible	Negligible
AQ81	721010,729715	0.1	<0.1	<0.1	<1	Negligible	Negligible	Negligible
AQ82	721010,729716	0.1	<0.1	<0.1	<1	Negligible	Negligible	Negligible
AQ83	721010,729717	0.6	0.1	<0.1	<1	Negligible	Negligible	Negligible
AQ84	721010,729718	0.8	0.1	0.1	<1	Negligible	Negligible	Negligible
AQ85	721010,729719	0.6	0.1	0.1	<1	Negligible	Negligible	Negligible
AQ86	721010,729720	0.6	0.1	0.1	<1	Negligible	Negligible	Negligible
AQ87	721010,729721	0.4	<0.1	<0.1	<1	Negligible	Negligible	Negligible
AQ88	721010,729722	0.7	0.1	0.1	<1	Negligible	Negligible	Negligible
AQ89	721010,729723	0.4	<0.1	<0.1	<1	Negligible	Negligible	Negligible
AQ90	721010,729724	0.8	0.1	0.1	<1	Negligible	Negligible	Negligible
AQ91	721010,729725	0.6	0.1	<0.1	<1	Negligible	Negligible	Negligible
AQ92	721010,729726	1.2	0.1	0.1	<1	Negligible	Negligible	Negligible
AQ93	721010,729727	0.9	0.1	0.1	<1	Negligible	Negligible	Negligible
AQ94	721010,729728	0.9	0.1	0.1	<1	Negligible	Negligible	Negligible
AQ95	721010,729729	0.2	<0.1	<0.1	<1	Negligible	Negligible	Negligible
AQ96	721010,729730	0.3	<0.1	<0.1	<1	Negligible	Negligible	Negligible
AQ97	721010,729731	1.2	0.2	0.1	<1	Negligible	Negligible	Negligible
AQ98	721010,729732	1.2	0.1	0.1	<1	Negligible	Negligible	Negligible
AQ99	721010,729733	1.2	0.1	0.1	<1	Negligible	Negligible	Negligible
AQ100	721010,729734	1.1	0.1	0.1	<1	Negligible	Negligible	Negligible
AQ101	721010,729735	1.1	0.1	0.1	<1	Negligible	Negligible	Negligible
AQ102	721010,729736	0.1	<0.1	<0.1	<1	Negligible	Negligible	Negligible
AQ103	721010,729737	0.1	<0.1	<0.1	<1	Negligible	Negligible	Negligible
AQ104	721010,729738	0.1	<0.1	<0.1	<1	Negligible	Negligible	Negligible
AQ105	721010,729739	0.1	<0.1	<0.1	<1	Negligible	Negligible	Negligible
AQ106	721010,729740	0.1	<0.1	<0.1	<1	Negligible	Negligible	Negligible
AQ107	721010,729741	0.2	<0.1	<0.1	<1	Negligible	Negligible	Negligible
AQ108	721010,729742	0.2	<0.1	<0.1	<1	Negligible	Negligible	Negligible
AQ109	721010,729743	0.5	<0.1	<0.1	<1	Negligible	Negligible	Negligible
AQ110	721010,729744	0.4	<0.1	<0.1	<1	Negligible	Negligible	Negligible
AQ111	721010,729745	0.2	<0.1	<0.1	<1	Negligible	Negligible	Negligible
AQ112	721010,729746	0.5	0.1	<0.1	<1	Negligible	Negligible	Negligible
AQ113	721010,729747	0.1	<0.1	<0.1	<1	Negligible	Negligible	Negligible
AQ114	721010,729748	0.1	<0.1	<0.1	<1	Negligible	Negligible	Negligible
AQ115	721010,729749	0.2	<0.1	<0.1	<1	Negligible	Negligible	Negligible
AQ116	721010,729750	0.1	<0.1	<0.1	<1	Negligible	Negligible	Negligible
AQ117	721010,729751	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 PM10 days >50 $\mu\text{g}/\text{m}^3$	Impact on Annual Mean Conc.		
		NO ₂	PM ₁₀	PM _{2.5}		NO ₂	PM ₁₀	PM _{2.5}
AQ118	721010,729752	0.1	<0.1	<0.1	<1	Negligible	Negligible	Negligible
AQ119	721010,729753	0.3	<0.1	<0.1	<1	Negligible	Negligible	Negligible
AQ120	721010,729754	0.2	<0.1	<0.1	<1	Negligible	Negligible	Negligible
AQ121	721010,729755	0.2	<0.1	<0.1	<1	Negligible	Negligible	Negligible
AQ122	721010,729756	0.4	<0.1	<0.1	<1	Negligible	Negligible	Negligible
AQ123	721010,729757	0.1	<0.1	<0.1	<1	Negligible	Negligible	Negligible
AQ124	721010,729758	0.4	<0.1	<0.1	<1	Negligible	Negligible	Negligible
AQ125	721010,729759	0.3	<0.1	<0.1	<1	Negligible	Negligible	Negligible
AQ126	721010,729760	1.2	0.1	0.1	<1	Negligible	Negligible	Negligible
AQ127	721010,729761	0.2	<0.1	<0.1	<1	Negligible	Negligible	Negligible
AQ128	721010,729762	0.2	<0.1	<0.1	<1	Negligible	Negligible	Negligible
AQ129	721010,729763	0.2	<0.1	<0.1	<1	Negligible	Negligible	Negligible
AQ130	721010,729764	0.2	<0.1	<0.1	<1	Negligible	Negligible	Negligible
AQ131	721010,729765	0.1	<0.1	<0.1	<1	Negligible	Negligible	Negligible
AQ132	721010,729766	0.1	<0.1	<0.1	<1	Negligible	Negligible	Negligible
AQ133	721010,729767	0.1	<0.1	<0.1	<1	Negligible	Negligible	Negligible
AQ134	721010,729768	1.3	0.2	0.1	1	Slight Adverse	Negligible	Negligible
AQ135	721010,729769	0.7	0.1	0.1	<1	Negligible	Negligible	Negligible
AQ136	721010,729770	0.2	<0.1	<0.1	<1	Negligible	Negligible	Negligible
AQ137	721010,729771	0.2	<0.1	<0.1	<1	Negligible	Negligible	Negligible
AQ138	721010,729772	1.0	0.1	0.1	<1	Negligible	Negligible	Negligible
AQ139	721010,729773	1.4	0.2	0.1	<1	Negligible	Negligible	Negligible
AQ140	721010,729774	1.4	0.2	0.1	<1	Negligible	Negligible	Negligible
AQ141	721010,729775	0.9	0.1	0.1	<1	Negligible	Negligible	Negligible
AQ142	721010,729776	1.5	0.2	0.1	<1	Negligible	Negligible	Negligible
AQ143	721010,729777	1.8	0.3	0.2	<1	Negligible	Negligible	Negligible
AQ144	721010,729778	1.3	0.2	0.1	<1	Negligible	Negligible	Negligible
AQ145	721010,729779	0.8	0.1	0.1	<1	Negligible	Negligible	Negligible
AQ146	721010,729780	1.4	0.2	0.1	<1	Negligible	Negligible	Negligible
AQ147	721010,729781	1.3	0.2	0.1	<1	Negligible	Negligible	Negligible
AQ148	721010,729782	1.4	0.2	0.1	<1	Negligible	Negligible	Negligible
AQ149	721010,729783	1.0	0.1	0.1	<1	Negligible	Negligible	Negligible
AQ150	721010,729784	0.7	0.1	0.1	<1	Negligible	Negligible	Negligible
AQ151	721010,729785	0.6	0.1	0.1	<1	Negligible	Negligible	Negligible
AQ152	721010,729786	0.6	0.1	0.1	<1	Negligible	Negligible	Negligible
AQ153	721010,729787	0.4	0.1	<0.1	<1	Negligible	Negligible	Negligible
AQ154	721010,729788	0.6	0.1	0.1	<1	Negligible	Negligible	Negligible
AQ155	721010,729789	0.7	0.1	0.1	<1	Negligible	Negligible	Negligible
AQ156	721010,729790	1.0	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 PM10 days >50 $\mu\text{g}/\text{m}^3$	Impact on Annual Mean Conc.		
		NO ₂	PM ₁₀	PM _{2.5}		NO ₂	PM ₁₀	PM _{2.5}
AQ157	721010,729791	1.1	0.2	0.1	<1	Negligible	Negligible	Negligible
AQ158	721010,729792	1.3	0.2	0.1	<1	Negligible	Negligible	Negligible
AQ159	721010,729793	1.0	0.1	0.1	<1	Negligible	Negligible	Negligible
AQ160	721010,729794	0.9	0.1	0.1	<1	Negligible	Negligible	Negligible
AQ161	721010,729795	0.7	0.1	0.1	<1	Negligible	Negligible	Negligible
AQ162	721010,729796	0.8	0.1	0.1	<1	Negligible	Negligible	Negligible
AQ163	721010,729797	1.1	0.1	0.1	<1	Negligible	Negligible	Negligible
AQ164	721010,729798	1.3	0.2	0.1	<1	Negligible	Negligible	Negligible
AQ165	721010,729799	1.5	0.2	0.1	<1	Negligible	Negligible	Negligible
AQ166	721010,729800	3.4	0.5	0.3	<1	Moderate Adverse	Negligible	Negligible
AQ167	721010,729801	1.6	0.2	0.1	<1	Negligible	Negligible	Negligible
AQ168	721010,729802	0.7	0.1	0.1	<1	Negligible	Negligible	Negligible
AQ169	721010,729803	1.3	0.2	0.1	<1	Negligible	Negligible	Negligible
AQ170	721010,729804	1.4	0.2	0.1	<1	Negligible	Negligible	Negligible
AQ171	721010,729805	1.5	0.2	0.1	<1	Negligible	Negligible	Negligible
AQ172	721010,729806	0.8	0.1	0.1	<1	Negligible	Negligible	Negligible
AQ173	721010,729807	1.4	0.2	0.1	<1	Negligible	Negligible	Negligible
AQ174	721010,729808	0.9	0.1	0.1	<1	Negligible	Negligible	Negligible
AQ175	721010,729809	0.8	0.1	0.1	<1	Negligible	Negligible	Negligible
AQ176	721010,729810	0.9	0.1	0.1	<1	Negligible	Negligible	Negligible
AQ177	721010,729811	2.7	0.4	0.3	<1	Moderate Adverse	Negligible	Negligible
AQ178	721010,729812	0.8	0.1	0.1	<1	Negligible	Negligible	Negligible
AQ179	721010,729813	0.7	0.1	0.1	<1	Negligible	Negligible	Negligible
AQ180	721010,729814	2.9	0.4	0.3	<1	Moderate Adverse	Negligible	Negligible
AQ181	721010,729815	1.0	0.1	0.1	<1	Negligible	Negligible	Negligible
AQ182	721010,729816	0.7	0.1	0.1	<1	Negligible	Negligible	Negligible
AQ183	721010,729817	1.0	0.1	0.1	<1	Negligible	Negligible	Negligible
AQ184	721010,729818	0.7	0.1	0.1	<1	Negligible	Negligible	Negligible
AQ185	721010,729819	1.0	0.1	0.1	<1	Negligible	Negligible	Negligible
AQ186	721010,729820	1.2	0.1	0.1	<1	Negligible	Negligible	Negligible
AQ187	721010,729821	0.3	<0.1	<0.1	<1	Negligible	Negligible	Negligible
AQ188	721010,729822	0.2	<0.1	<0.1	<1	Negligible	Negligible	Negligible
AQ189	721010,729823	0.3	<0.1	<0.1	<1	Negligible	Negligible	Negligible
AQ190	721010,729824	0.3	<0.1	<0.1	<1	Negligible	Negligible	Negligible
AQ191	721010,729825	0.3	<0.1	<0.1	<1	Negligible	Negligible	Negligible
AQ192	721010,729826	0.4	0.1	<0.1	<1	Negligible	Negligible	Negligible
AQ193	721010,729827	0.3	<0.1	<0.1	<1	Negligible	Negligible	Negligible
AQ194	721010,729828	0.2	<0.1	<0.1	<1	Negligible	Negligible	Negligible
AQ195	721010,729829	0.4	<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 PM10 days >50 $\mu\text{g}/\text{m}^3$	Impact on Annual Mean Conc.		
		NO ₂	PM ₁₀	PM _{2.5}		NO ₂	PM ₁₀	PM _{2.5}
AQ196	721010,729830	0.3	<0.1	<0.1	<1	Negligible	Negligible	Negligible
AQ197	721010,729831	0.4	<0.1	<0.1	<1	Negligible	Negligible	Negligible
AQ198	721010,729832	0.6	0.1	0.1	<1	Negligible	Negligible	Negligible
AQ199	721010,729833	0.4	0.1	<0.1	<1	Negligible	Negligible	Negligible
AQ200	721010,729834	0.3	<0.1	<0.1	<1	Negligible	Negligible	Negligible
AQ201	721010,729835	0.3	<0.1	<0.1	<1	Negligible	Negligible	Negligible
AQ202	721010,729836	0.2	<0.1	<0.1	<1	Negligible	Negligible	Negligible
AQ203	721010,729837	0.1	<0.1	<0.1	<1	Negligible	Negligible	Negligible
AQ204	721010,729838	0.1	<0.1	<0.1	<1	Negligible	Negligible	Negligible
AQ205	721010,729839	0.1	<0.1	<0.1	<1	Negligible	Negligible	Negligible
AQ206	721010,729840	0.1	<0.1	<0.1	<1	Negligible	Negligible	Negligible
AQ207	721010,729841	0.1	<0.1	<0.1	<1	Negligible	Negligible	Negligible
AQ208	721010,729842	0.3	<0.1	<0.1	<1	Negligible	Negligible	Negligible
AQ209	721010,729843	0.2	<0.1	<0.1	<1	Negligible	Negligible	Negligible
AQ210	721010,729844	0.2	<0.1	<0.1	<1	Negligible	Negligible	Negligible
AQ211	721010,729845	0.3	<0.1	<0.1	<1	Negligible	Negligible	Negligible
AQ212	721010,729846	0.3	<0.1	<0.1	<1	Negligible	Negligible	Negligible
AQ213	721010,729847	0.3	<0.1	<0.1	<1	Negligible	Negligible	Negligible
AQ214	721010,729848	0.3	<0.1	<0.1	<1	Negligible	Negligible	Negligible
AQ215	721010,729849	0.4	<0.1	<0.1	<1	Negligible	Negligible	Negligible
AQ216	721010,729850	0.4	<0.1	<0.1	<1	Negligible	Negligible	Negligible
AQ217	721010,729851	0.6	0.1	<0.1	<1	Negligible	Negligible	Negligible
AQ218	721010,729852	0.2	<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	0.3	<0.1	<0.1	<1	Negligible	Negligible	Negligible
AQ222	721010,729856	0.3	<0.1	<0.1	<1	Negligible	Negligible	Negligible
AQ223	721010,729857	0.6	0.1	0.1	<1	Negligible	Negligible	Negligible
AQ224	721010,729858	0.3	<0.1	<0.1	<1	Negligible	Negligible	Negligible
AQ225	721010,729859	0.3	<0.1	<0.1	<1	Negligible	Negligible	Negligible
AQ226	721010,729860	0.3	<0.1	<0.1	<1	Negligible	Negligible	Negligible
AQ227	721010,729861	0.4	<0.1	<0.1	<1	Negligible	Negligible	Negligible
AQ228	721010,729862	0.4	<0.1	<0.1	<1	Negligible	Negligible	Negligible
AQ229	721010,729863	0.6	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	0.4	<0.1	<0.1	<1	Negligible	Negligible	Negligible
AQ233	721010,729867	0.3	<0.1	<0.1	<1	Negligible	Negligible	Negligible
AQ234	721010,729868	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 PM10 days >50 $\mu\text{g}/\text{m}^3$	Impact on Annual Mean Conc.		
		NO ₂	PM ₁₀	PM _{2.5}		NO ₂	PM ₁₀	PM _{2.5}
AQ235	721010,729869	0.2	<0.1	<0.1	<1	Negligible	Negligible	Negligible
AQ236	721010,729870	0.3	<0.1	<0.1	<1	Negligible	Negligible	Negligible
AQ237	721010,729871	0.3	<0.1	<0.1	<1	Negligible	Negligible	Negligible
AQ238	721010,729872	0.3	<0.1	<0.1	<1	Negligible	Negligible	Negligible
AQ239	721010,729873	0.4	<0.1	<0.1	<1	Negligible	Negligible	Negligible
AQ240	721010,729874	0.1	<0.1	<0.1	<1	Negligible	Negligible	Negligible
AQ241	721010,729875	0.3	<0.1	<0.1	<1	Negligible	Negligible	Negligible
AQ242	721010,729876	0.4	0.1	<0.1	<1	Negligible	Negligible	Negligible
AQ243	721010,729877	0.3	<0.1	<0.1	<1	Negligible	Negligible	Negligible
AQ244	721010,729878	0.4	0.1	<0.1	<1	Negligible	Negligible	Negligible
AQ245	721010,729879	<0.1	<0.1	<0.1	<1	Negligible	Negligible	Negligible
AQ246	721010,729880	0.7	0.1	0.1	<1	Negligible	Negligible	Negligible
AQ247	721010,729881	0.6	0.1	<0.1	<1	Negligible	Negligible	Negligible
AQ248	721010,729882	0.5	0.1	<0.1	<1	Negligible	Negligible	Negligible
AQ249	721010,729883	0.4	<0.1	<0.1	<1	Negligible	Negligible	Negligible
AQ250	721010,729884	1.1	0.1	0.1	<1	Negligible	Negligible	Negligible
AQ251	721010,729885	0.5	0.1	<0.1	<1	Negligible	Negligible	Negligible
AQ252	721010,729886	0.3	<0.1	<0.1	<1	Negligible	Negligible	Negligible
AQ253	721010,729887	0.6	0.1	<0.1	<1	Negligible	Negligible	Negligible
AQ254	721010,729888	0.2	<0.1	<0.1	<1	Negligible	Negligible	Negligible
AQ255	721010,729889	0.2	<0.1	<0.1	<1	Negligible	Negligible	Negligible
AQ256	721010,729890	0.2	<0.1	<0.1	<1	Negligible	Negligible	Negligible
AQ257	721010,729891	<0.1	<0.1	<0.1	<1	Negligible	Negligible	Negligible
AQ258	721010,729892	0.2	<0.1	<0.1	<1	Negligible	Negligible	Negligible
AQ259	721010,729893	0.2	<0.1	<0.1	<1	Negligible	Negligible	Negligible
AQ260	721010,729894	0.2	<0.1	<0.1	<1	Negligible	Negligible	Negligible
AQ261	721010,729895	0.8	0.1	0.1	<1	Negligible	Negligible	Negligible
AQ262	721010,729896	0.5	0.1	<0.1	<1	Negligible	Negligible	Negligible
AQ263	721010,729897	1.0	0.1	0.1	<1	Negligible	Negligible	Negligible
AQ264	721010,729898	0.5	0.1	<0.1	<1	Negligible	Negligible	Negligible
AQ265	721010,729899	1.2	0.1	0.1	<1	Negligible	Negligible	Negligible
AQ266	721010,729900	1.2	0.1	0.1	<1	Negligible	Negligible	Negligible
AQ267	721010,729901	1.1	0.1	0.1	<1	Negligible	Negligible	Negligible
AQ268	721010,729902	0.3	<0.1	<0.1	<1	Negligible	Negligible	Negligible
AQ269	721010,729903	0.3	<0.1	<0.1	<1	Negligible	Negligible	Negligible
AQ270	721010,729904	0.3	<0.1	<0.1	<1	Negligible	Negligible	Negligible
AQ271	721010,729905	0.5	0.1	<0.1	<1	Negligible	Negligible	Negligible
AQ272	721010,729906	0.7	0.1	0.1	<1	Negligible	Negligible	Negligible
AQ273	721010,729907	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 PM10 days >50 $\mu\text{g}/\text{m}^3$	Impact on Annual Mean Conc.		
		NO ₂	PM ₁₀	PM _{2.5}		NO ₂	PM ₁₀	PM _{2.5}
AQ274	721010,729908	0.7	0.1	0.1	<1	Negligible	Negligible	Negligible
AQ275	721010,729909	0.7	0.1	0.1	<1	Negligible	Negligible	Negligible
AQ276	721010,729910	0.7	0.1	0.1	<1	Negligible	Negligible	Negligible
AQ277	721010,729911	0.4	0.1	<0.1	<1	Negligible	Negligible	Negligible
AQ278	721010,729912	0.5	0.1	<0.1	<1	Negligible	Negligible	Negligible
AQ279	721010,729913	0.9	0.1	0.1	<1	Negligible	Negligible	Negligible
AQ280	721010,729914	0.7	0.1	0.1	<1	Negligible	Negligible	Negligible
AQ281	721010,729915	0.4	0.1	<0.1	<1	Negligible	Negligible	Negligible
AQ282	721010,729916	0.4	0.1	<0.1	<1	Negligible	Negligible	Negligible
AQ283	721010,729917	0.7	0.1	0.1	<1	Negligible	Negligible	Negligible
AQ284	721010,729918	0.7	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	0.2	<0.1	<0.1	<1	Negligible	Negligible	Negligible
AQ288	721010,729922	0.4	<0.1	<0.1	<1	Negligible	Negligible	Negligible
AQ289	721010,729923	0.1	<0.1	<0.1	<1	Negligible	Negligible	Negligible
AQ290	721010,729924	0.2	<0.1	<0.1	<1	Negligible	Negligible	Negligible
AQ291	721010,729925	0.3	<0.1	<0.1	<1	Negligible	Negligible	Negligible
AQ292	721010,729926	0.3	<0.1	<0.1	<1	Negligible	Negligible	Negligible
AQ293	721010,729927	0.4	<0.1	<0.1	<1	Negligible	Negligible	Negligible
AQ294	721010,729928	0.3	<0.1	<0.1	<1	Negligible	Negligible	Negligible
AQ295	721010,729929	0.8	0.1	0.1	<1	Slight Adverse	Negligible	Negligible
AQ296	721010,729930	0.2	<0.1	<0.1	<1	Negligible	Negligible	Negligible
AQ297	721010,729931	0.3	<0.1	<0.1	<1	Negligible	Negligible	Negligible
AQ298	721010,729932	0.6	0.1	0.1	<1	Slight Adverse	Negligible	Negligible
AQ299	721010,729933	0.2	<0.1	<0.1	<1	Negligible	Negligible	Negligible
AQ300	721010,729934	0.3	<0.1	<0.1	<1	Negligible	Negligible	Negligible
AQ301	721010,729935	0.2	<0.1	<0.1	<1	Negligible	Negligible	Negligible
AQ302	721010,729936	0.3	<0.1	<0.1	<1	Negligible	Negligible	Negligible
AQ303	721010,729937	0.2	<0.1	<0.1	<1	Negligible	Negligible	Negligible
AQ304	721010,729938	<0.1	<0.1	<0.1	<1	Negligible	Negligible	Negligible
AQ305	721010,729939	0.1	<0.1	<0.1	<1	Negligible	Negligible	Negligible
AQ306	721010,729940	0.3	<0.1	<0.1	<1	Negligible	Negligible	Negligible
AQ307	721010,729941	0.6	0.1	<0.1	<1	Negligible	Negligible	Negligible
AQ308	721010,729942	0.6	0.1	<0.1	<1	Negligible	Negligible	Negligible
AQ309	721010,729943	0.5	0.1	<0.1	<1	Negligible	Negligible	Negligible
AQ310	721010,729944	<0.1	<0.1	<0.1	<1	Negligible	Negligible	Negligible
AQ311	721010,729945	<0.1	<0.1	<0.1	<1	Negligible	Negligible	Negligible
AQ312	721010,729946	<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 PM10 days >50 $\mu\text{g}/\text{m}^3$	Impact on Annual Mean Conc.		
		NO ₂	PM ₁₀	PM _{2.5}		NO ₂	PM ₁₀	PM _{2.5}
AQ313	721010,729947	0.3	<0.1	<0.1	<1	Negligible	Negligible	Negligible
AQ314	721010,729948	0.3	<0.1	<0.1	<1	Negligible	Negligible	Negligible
AQ315	721010,729949	0.2	<0.1	<0.1	<1	Negligible	Negligible	Negligible
AQ316	721010,729950	0.3	<0.1	<0.1	<1	Negligible	Negligible	Negligible
AQ317	721010,729951	0.2	<0.1	<0.1	<1	Negligible	Negligible	Negligible
AQ318	721010,729952	0.1	<0.1	<0.1	<1	Negligible	Negligible	Negligible
AQ319	721010,729953	0.1	<0.1	<0.1	<1	Negligible	Negligible	Negligible
AQ320	721010,729954	0.1	<0.1	<0.1	<1	Negligible	Negligible	Negligible
AQ321	721010,729955	0.1	<0.1	<0.1	<1	Negligible	Negligible	Negligible
AQ322	721010,729956	<0.1	<0.1	<0.1	<1	Negligible	Negligible	Negligible
AQ323	721010,729957	0.2	<0.1	<0.1	<1	Negligible	Negligible	Negligible
AQ324	721010,729958	0.1	<0.1	<0.1	<1	Negligible	Negligible	Negligible
AQ325	721010,729959	-0.6	-0.1	-0.1	<1	Slight Beneficial	Negligible	Negligible
AQ326	721010,729960	-0.6	-0.1	-0.1	<1	Negligible	Negligible	Negligible
AQ327	721010,729961	0.2	<0.1	<0.1	<1	Negligible	Negligible	Negligible
AQ328	721010,729962	-0.3	<0.1	<0.1	<1	Negligible	Negligible	Negligible
AQ329	721010,729963	0.1	<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	0.3	<0.1	<0.1	<1	Negligible	Negligible	Negligible
AQ333	721010,729967	0.2	<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	0.1	<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
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	0.2	<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	<0.1	<1	Negligible	Negligible	Negligible
AQ349	721010,729983	<0.1	<0.1	<0.1	<1	Negligible	Negligible	Negligible
AQ350	721010,729984	<0.1	<0.1	<0.1	<1	Negligible	Negligible	Negligible
AQ351	721010,729985	-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 PM10 days >50 $\mu\text{g}/\text{m}^3$	Impact on Annual Mean Conc.		
		NO ₂	PM ₁₀	PM _{2.5}		NO ₂	PM ₁₀	PM _{2.5}
AQ352	721010,729986	-0.1	<0.1	<0.1	<1	Negligible	Negligible	Negligible
AQ353	721010,729987	<0.1	<0.1	<0.1	<1	Negligible	Negligible	Negligible
AQ354	721010,729988	-0.2	<0.1	<0.1	<1	Negligible	Negligible	Negligible
AQ355	721010,729989	-0.2	<0.1	<0.1	<1	Negligible	Negligible	Negligible
AQ356	721010,729990	-0.2	<0.1	<0.1	<1	Negligible	Negligible	Negligible
AQ357	721010,729991	-0.5	-0.1	<0.1	<1	Slight Beneficial	Negligible	Negligible
AQ358	721010,729992	-0.5	-0.1	<0.1	<1	Slight Beneficial	Negligible	Negligible
AQ359	721010,729993	-0.4	-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	<0.1	<1	Negligible	Negligible	Negligible
AQ363	721010,729997	-0.2	<0.1	<0.1	<1	Negligible	Negligible	Negligible
AQ364	721010,729998	-0.1	<0.1	<0.1	<1	Negligible	Negligible	Negligible
AQ365	721010,729999	-0.1	<0.1	<0.1	<1	Negligible	Negligible	Negligible
AQ366	721010,730000	<0.1	<0.1	<0.1	<1	Negligible	Negligible	Negligible
AQ367	721010,730001	-0.1	<0.1	<0.1	<1	Negligible	Negligible	Negligible
AQ368	721010,730002	-0.1	<0.1	<0.1	<1	Negligible	Negligible	Negligible
AQ369	721010,730003	-0.2	<0.1	<0.1	<1	Negligible	Negligible	Negligible
AQ370	721010,730004	-0.9	-0.1	-0.1	<1	Slight Beneficial	Negligible	Negligible
AQ371	721010,730005	-0.6	-0.1	-0.1	<1	Slight Beneficial	Negligible	Negligible
AQ372	721010,730006	-0.2	<0.1	<0.1	<1	Negligible	Negligible	Negligible
AQ373	721010,730007	-0.2	<0.1	<0.1	<1	Negligible	Negligible	Negligible
AQ374	721010,730008	-0.2	<0.1	<0.1	<1	Negligible	Negligible	Negligible
AQ375	721010,730009	-0.1	<0.1	<0.1	<1	Negligible	Negligible	Negligible
AQ376	721010,730010	-0.3	<0.1	<0.1	<1	Negligible	Negligible	Negligible
AQ377	721010,730011	-0.4	-0.1	-0.1	<1	Negligible	Negligible	Negligible
AQ378	721010,730012	-0.2	<0.1	<0.1	<1	Negligible	Negligible	Negligible
AQ379	721010,730013	-0.1	<0.1	<0.1	<1	Negligible	Negligible	Negligible
AQ380	721010,730014	<0.1	<0.1	<0.1	<1	Negligible	Negligible	Negligible
AQ381	721010,730015	-0.1	<0.1	<0.1	<1	Negligible	Negligible	Negligible
AQ382	721010,730016	<0.1	<0.1	<0.1	<1	Negligible	Negligible	Negligible
AQ383	721010,730017	-1.0	-0.2	-0.1	<1	Negligible	Negligible	Negligible
AQ384	721010,730018	-2.0	-0.5	-0.3	<1	Moderate Beneficial	Negligible	Negligible
AQ385	721010,730019	-0.4	-0.1	-0.1	<1	Negligible	Negligible	Negligible
AQ386	721010,730020	0.3	<0.1	<0.1	<1	Negligible	Negligible	Negligible
AQ387	721010,730021	<0.1	<0.1	<0.1	<1	Negligible	Negligible	Negligible
AQ388	721010,730022	<0.1	<0.1	<0.1	<1	Negligible	Negligible	Negligible
AQ389	721010,730023	<0.1	<0.1	<0.1	<1	Negligible	Negligible	Negligible
AQ390	721010,730024	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 PM10 days >50 $\mu\text{g}/\text{m}^3$	Impact on Annual Mean Conc.		
		NO ₂	PM ₁₀	PM _{2.5}		NO ₂	PM ₁₀	PM _{2.5}
AQ391	721010,730025	0.1	<0.1	<0.1	<1	Negligible	Negligible	Negligible
AQ392	721010,730026	0.1	<0.1	<0.1	<1	Negligible	Negligible	Negligible
AQ393	721010,730027	<0.1	<0.1	<0.1	<1	Negligible	Negligible	Negligible
AQ394	721010,730028	-0.3	<0.1	<0.1	<1	Negligible	Negligible	Negligible
AQ395	721010,730029	-0.2	<0.1	<0.1	<1	Negligible	Negligible	Negligible
AQ396	721010,730030	-0.1	<0.1	<0.1	<1	Negligible	Negligible	Negligible
AQ397	721010,730031	0.8	0.1	0.1	<1	Slight Adverse	Negligible	Negligible
AQ398	721010,730032	0.3	0.1	<0.1	<1	Negligible	Negligible	Negligible
AQ399	721010,730033	-0.1	<0.1	<0.1	<1	Negligible	Negligible	Negligible
AQ400	721010,730034	-0.1	<0.1	<0.1	<1	Negligible	Negligible	Negligible
AQ401	721010,730035	0.8	0.1	0.1	<1	Negligible	Negligible	Negligible
AQ402	721010,730036	0.4	0.1	0.1	<1	Negligible	Negligible	Negligible
AQ403	721010,730037	0.4	<0.1	<0.1	<1	Negligible	Negligible	Negligible
AQ404	721010,730038	0.1	<0.1	<0.1	<1	Negligible	Negligible	Negligible
AQ405	721010,730039	0.2	<0.1	<0.1	<1	Negligible	Negligible	Negligible
AQ406	721010,730040	0.2	<0.1	<0.1	<1	Negligible	Negligible	Negligible
AQ407	721010,730041	0.2	<0.1	<0.1	<1	Negligible	Negligible	Negligible
AQ408	721010,730042	0.4	<0.1	<0.1	<1	Negligible	Negligible	Negligible
AQ409	721010,730043	0.2	<0.1	<0.1	<1	Negligible	Negligible	Negligible
AQ410	721010,730044	0.5	0.1	<0.1	<1	Negligible	Negligible	Negligible
AQ411	721010,730045	0.1	<0.1	<0.1	<1	Negligible	Negligible	Negligible
AQ412	721010,730046	<0.1	<0.1	<0.1	<1	Negligible	Negligible	Negligible
AQ413	721010,730047	0.1	<0.1	<0.1	<1	Negligible	Negligible	Negligible
AQ414	721010,730048	0.2	<0.1	<0.1	<1	Negligible	Negligible	Negligible
AQ415	721010,730049	<0.1	<0.1	<0.1	<1	Negligible	Negligible	Negligible
AQ416	721010,730050	<0.1	<0.1	<0.1	<1	Negligible	Negligible	Negligible
AQ417	721010,730051	0.2	<0.1	<0.1	<1	Negligible	Negligible	Negligible
AQ418	721010,730052	0.1	<0.1	<0.1	<1	Negligible	Negligible	Negligible
AQ419	721010,730053	0.2	<0.1	<0.1	<1	Negligible	Negligible	Negligible
AQ420	721010,730054	-0.3	<0.1	<0.1	<1	Negligible	Negligible	Negligible
AQ421	721010,730055	<0.1	<0.1	<0.1	<1	Negligible	Negligible	Negligible
AQ422	721010,730056	0.2	<0.1	<0.1	<1	Negligible	Negligible	Negligible
AQ423	721010,730057	0.8	0.2	0.1	1	Negligible	Negligible	Negligible
AQ424	721010,730058	0.7	0.1	0.1	<1	Negligible	Negligible	Negligible
AQ425	721010,730059	0.7	0.1	0.1	<1	Negligible	Negligible	Negligible
AQ426	721010,730060	0.4	0.1	<0.1	<1	Negligible	Negligible	Negligible
AQ427	721010,730061	0.5	0.1	0.1	<1	Negligible	Negligible	Negligible
AQ428	721010,730062	-0.1	<0.1	<0.1	<1	Negligible	Negligible	Negligible
AQ429	721010,730063	-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 PM10 days >50 $\mu\text{g}/\text{m}^3$	Impact on Annual Mean Conc.		
		NO ₂	PM ₁₀	PM _{2.5}		NO ₂	PM ₁₀	PM _{2.5}
AQ430	721010,730064	-0.1	<0.1	<0.1	<1	Negligible	Negligible	Negligible
AQ431	721010,730065	-0.1	<0.1	<0.1	<1	Negligible	Negligible	Negligible
AQ432	721010,730066	-0.4	-0.1	<0.1	<1	Negligible	Negligible	Negligible
AQ433	721010,730067	-0.5	-0.1	<0.1	<1	Negligible	Negligible	Negligible
AQ434	721010,730068	-0.6	-0.1	-0.1	<1	Negligible	Negligible	Negligible
AQ435	721010,730069	-1.1	-0.2	-0.1	<1	Negligible	Negligible	Negligible
AQ436	721010,730070	-2.3	-0.4	-0.2	<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	0.3	<0.1	<0.1	<1	Negligible	Negligible	Negligible
AQ440	721010,730074	0.4	0.1	<0.1	<1	Negligible	Negligible	Negligible
AQ441	721010,730075	0.2	<0.1	<0.1	<1	Negligible	Negligible	Negligible
AQ442	721010,730076	<0.1	<0.1	<0.1	<1	Negligible	Negligible	Negligible
AQ443	721010,730077	0.1	<0.1	<0.1	<1	Negligible	Negligible	Negligible
AQ444	721010,730078	0.8	0.1	0.1	<1	Negligible	Negligible	Negligible
AQ445	721010,730079	0.4	0.1	<0.1	<1	Negligible	Negligible	Negligible
AQ446	721010,730080	0.1	<0.1	<0.1	<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	-2.4	-0.4	-0.2	<1	Negligible	Negligible	Negligible
AQ450	721010,730084	0.6	0.1	0.1	<1	Negligible	Negligible	Negligible
AQ451	721010,730085	-1.8	-0.3	-0.2	<1	Negligible	Negligible	Negligible
AQ452	721010,730086	-2.5	-0.2	-0.1	<1	Moderate Beneficial	Negligible	Negligible
AQ453	721010,730087	-0.3	<0.1	<0.1	<1	Negligible	Negligible	Negligible
AQ454	721010,730088	-0.5	-0.1	<0.1	<1	Negligible	Negligible	Negligible
AQ455	721010,730089	-0.6	-0.1	<0.1	<1	Negligible	Negligible	Negligible
AQ456	721010,730090	-0.6	-0.1	<0.1	<1	Negligible	Negligible	Negligible
AQ457	721010,730091	-0.9	-0.2	-0.1	<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	-2.4	-0.2	-0.1	<1	Moderate Beneficial	Negligible	Negligible
AQ461	721010,730095	-0.7	-0.1	<0.1	<1	Negligible	Negligible	Negligible
AQ462	721010,730096	-0.7	-0.1	-0.1	<1	Slight Beneficial	Negligible	Negligible
AQ463	721010,730097	0.3	<0.1	<0.1	<1	Negligible	Negligible	Negligible
AQ464	721010,730098	2.9	0.5	0.3	<1	Moderate Adverse	Negligible	Negligible
AQ465	721010,730099	1.6	0.3	0.2	<1	Negligible	Negligible	Negligible
AQ466	721010,730100	-0.1	<0.1	<0.1	<1	Negligible	Negligible	Negligible
AQ467	721010,730101	<0.1	<0.1	<0.1	<1	Negligible	Negligible	Negligible
AQ468	721010,730102	-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 PM10 days >50 $\mu\text{g}/\text{m}^3$	Impact on Annual Mean Conc.		
		NO ₂	PM ₁₀	PM _{2.5}		NO ₂	PM ₁₀	PM _{2.5}
AQ469	721010,730103	-0.1	<0.1	<0.1	<1	Negligible	Negligible	Negligible
AQ470	721010,730104	-0.1	<0.1	0.1	<1	Negligible	Negligible	Negligible
AQ471	721010,730105	-0.1	<0.1	<0.1	<1	Negligible	Negligible	Negligible
AQ472	721010,730106	<0.1	<0.1	<0.1	<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	-0.2	<0.1	<0.1	<1	Negligible	Negligible	Negligible
AQ476	721010,730110	0.1	<0.1	<0.1	<1	Negligible	Negligible	Negligible
AQ477	721010,730111	-0.1	<0.1	<0.1	<1	Negligible	Negligible	Negligible
AQ478	721010,730112	0.1	<0.1	<0.1	<1	Negligible	Negligible	Negligible
AQ479	721010,730113	0.3	<0.1	<0.1	<1	Negligible	Negligible	Negligible
AQ480	721010,730114	0.4	0.1	<0.1	<1	Negligible	Negligible	Negligible
AQ481	721010,730115	0.3	<0.1	<0.1	<1	Negligible	Negligible	Negligible
AQ482	721010,730116	<0.1	<0.1	<0.1	<1	Negligible	Negligible	Negligible
AQ483	721010,730117	0.2	<0.1	<0.1	<1	Negligible	Negligible	Negligible
AQ484	721010,730118	-0.3	<0.1	<0.1	<1	Negligible	Negligible	Negligible
AQ485	721010,730119	-0.2	<0.1	<0.1	<1	Negligible	Negligible	Negligible
AQ486	721010,730120	0.6	0.1	0.1	<1	Slight Adverse	Negligible	Negligible
AQ487	721010,730121	-0.1	<0.1	<0.1	<1	Negligible	Negligible	Negligible
AQ488	721010,730122	-0.3	<0.1	<0.1	<1	Negligible	Negligible	Negligible
AQ489	721010,730123	-0.2	<0.1	<0.1	<1	Negligible	Negligible	Negligible
AQ490	721010,730124	-0.2	-0.1	<0.1	<1	Negligible	Negligible	Negligible
AQ491	721010,730125	-0.1	<0.1	<0.1	<1	Negligible	Negligible	Negligible
AQ492	721010,730126	0.5	0.2	0.1	<1	Negligible	Negligible	Negligible
AQ493	721010,730127	0.1	<0.1	<0.1	<1	Negligible	Negligible	Negligible
AQ494	721010,730128	0.1	<0.1	<0.1	<1	Negligible	Negligible	Negligible
AQ495	721010,730129	0.2	0.1	<0.1	<1	Negligible	Negligible	Negligible
AQ496	721010,730130	0.2	0.1	<0.1	<1	Negligible	Negligible	Negligible
AQ497	721010,730131	0.5	0.1	<0.1	<1	Negligible	Negligible	Negligible
AQ498	721010,730132	0.2	<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	0.2	<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	0.3	0.1	<0.1	<1	Negligible	Negligible	Negligible
AQ507	721010,730141	-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 PM10 days >50 $\mu\text{g}/\text{m}^3$	Impact on Annual Mean Conc.		
		NO ₂	PM ₁₀	PM _{2.5}		NO ₂	PM ₁₀	PM _{2.5}
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	0.2	<0.1	<0.1	<1	Negligible	Negligible	Negligible
AQ511	721010,730145	0.2	<0.1	<0.1	<1	Negligible	Negligible	Negligible
AQ512	721010,730146	0.2	<0.1	<0.1	<1	Negligible	Negligible	Negligible
AQ513	721010,730147	0.4	0.1	<0.1	<1	Negligible	Negligible	Negligible
AQ514	721010,730148	0.1	<0.1	<0.1	<1	Negligible	Negligible	Negligible
AQ515	721010,730149	0.1	<0.1	<0.1	<1	Negligible	Negligible	Negligible
AQ516	721010,730150	0.1	<0.1	<0.1	<1	Negligible	Negligible	Negligible
AQ517	721010,730151	0.1	<0.1	<0.1	<1	Negligible	Negligible	Negligible
AQ518	721010,730152	-0.1	<0.1	<0.1	<1	Negligible	Negligible	Negligible
AQ519	721010,730153	<0.1	<0.1	<0.1	<1	Negligible	Negligible	Negligible
AQ520	721010,730154	-0.1	<0.1	<0.1	<1	Negligible	Negligible	Negligible
AQ521	721010,730155	0.1	<0.1	<0.1	<1	Negligible	Negligible	Negligible
AQ522	721010,730156	0.1	<0.1	<0.1	<1	Negligible	Negligible	Negligible
AQ523	721010,730157	0.1	<0.1	<0.1	<1	Negligible	Negligible	Negligible
AQ524	721010,730158	0.2	<0.1	<0.1	<1	Negligible	Negligible	Negligible
AQ525	721010,730159	0.1	<0.1	<0.1	<1	Negligible	Negligible	Negligible
AQ526	721010,730160	<0.1	<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	<0.1	<0.1	<0.1	<1	Negligible	Negligible	Negligible
AQ530	721010,730164	0.2	<0.1	<0.1	<1	Negligible	Negligible	Negligible
AQ531	721010,730165	0.1	<0.1	<0.1	<1	Negligible	Negligible	Negligible
AQ532	721010,730166	-0.1	<0.1	<0.1	<1	Negligible	Negligible	Negligible
AQ533	721010,730167	-0.1	<0.1	<0.1	<1	Negligible	Negligible	Negligible
AQ534	721010,730168	-0.1	<0.1	<0.1	<1	Negligible	Negligible	Negligible
AQ535	721010,730169	0.4	<0.1	<0.1	<1	Negligible	Negligible	Negligible
AQ536	721010,730170	0.2	<0.1	<0.1	<1	Negligible	Negligible	Negligible
AQ537	721010,730171	0.3	<0.1	<0.1	<1	Negligible	Negligible	Negligible
AQ538	721010,730172	0.2	<0.1	<0.1	<1	Negligible	Negligible	Negligible
AQ539	721010,730173	0.7	0.1	0.1	<1	Negligible	Negligible	Negligible
AQ540	721010,730174	<0.1	<0.1	<0.1	<1	Negligible	Negligible	Negligible
AQ541	721010,730175	<0.1	<0.1	<0.1	<1	Negligible	Negligible	Negligible
AQ542	721010,730176	0.3	<0.1	<0.1	<1	Negligible	Negligible	Negligible
AQ543	721010,730177	0.3	<0.1	<0.1	<1	Negligible	Negligible	Negligible
AQ544	721010,730178	0.3	<0.1	<0.1	<1	Negligible	Negligible	Negligible
AQ545	721010,730179	0.2	<0.1	<0.1	<1	Negligible	Negligible	Negligible
AQ546	721010,730180	<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 PM10 days >50 $\mu\text{g}/\text{m}^3$	Impact on Annual Mean Conc.		
		NO ₂	PM ₁₀	PM _{2.5}		NO ₂	PM ₁₀	PM _{2.5}
AQ547	721010,730181	0.1	<0.1	<0.1	<1	Negligible	Negligible	Negligible
AQ548	721010,730182	0.6	0.1	0.1	<1	Negligible	Negligible	Negligible
AQ549	721010,730183	0.1	<0.1	<0.1	<1	Negligible	Negligible	Negligible
AQ550	721010,730184	0.5	0.1	<0.1	<1	Negligible	Negligible	Negligible
AQ551	721010,730185	<0.1	<0.1	<0.1	<1	Negligible	Negligible	Negligible
AQ552	721010,730186	<0.1	<0.1	<0.1	<1	Negligible	Negligible	Negligible
AQ553	721010,730187	<0.1	<0.1	<0.1	<1	Negligible	Negligible	Negligible
AQ554	721010,730188	0.2	<0.1	<0.1	<1	Negligible	Negligible	Negligible
AQ555	721010,730189	0.1	<0.1	<0.1	<1	Negligible	Negligible	Negligible
AQ556	721010,730190	0.2	<0.1	<0.1	<1	Negligible	Negligible	Negligible
AQ557	721010,730191	0.1	<0.1	<0.1	<1	Negligible	Negligible	Negligible
AQ558	721010,730192	0.1	<0.1	<0.1	<1	Negligible	Negligible	Negligible
AQ559	721010,730193	0.1	<0.1	<0.1	<1	Negligible	Negligible	Negligible
AQ560	721010,730194	0.1	<0.1	<0.1	<1	Negligible	Negligible	Negligible
AQ561	721010,730195	<0.1	<0.1	<0.1	<1	Negligible	Negligible	Negligible
AQ562	721010,730196	-0.3	<0.1	<0.1	<1	Negligible	Negligible	Negligible
AQ563	721010,730197	0.1	<0.1	<0.1	<1	Negligible	Negligible	Negligible
AQ564	721010,730198	0.1	<0.1	<0.1	<1	Negligible	Negligible	Negligible
AQ565	721010,730199	0.2	<0.1	<0.1	<1	Negligible	Negligible	Negligible
AQ566	721010,730200	0.1	<0.1	<0.1	<1	Negligible	Negligible	Negligible
AQ567	721010,730201	0.1	<0.1	<0.1	<1	Negligible	Negligible	Negligible
AQ568	721010,730202	0.1	<0.1	<0.1	<1	Negligible	Negligible	Negligible
AQ569	721010,730203	<0.1	<0.1	<0.1	<1	Negligible	Negligible	Negligible
AQ570	721010,730204	-0.1	<0.1	<0.1	<1	Negligible	Negligible	Negligible
AQ571	721010,730205	<0.1	<0.1	<0.1	<1	Negligible	Negligible	Negligible
AQ572	721010,730206	0.1	<0.1	<0.1	<1	Negligible	Negligible	Negligible
AQ573	721010,730207	0.7	0.1	<0.1	<1	Negligible	Negligible	Negligible
AQ574	721010,730208	-0.5	<0.1	<0.1	<1	Slight Beneficial	Negligible	Negligible
AQ575	721010,730209	-0.2	<0.1	<0.1	<1	Negligible	Negligible	Negligible
AQ576	721010,730210	-0.2	<0.1	<0.1	<1	Negligible	Negligible	Negligible
AQ577	721010,730211	<0.1	<0.1	<0.1	<1	Negligible	Negligible	Negligible
AQ578	721010,730212	0.1	<0.1	<0.1	<1	Negligible	Negligible	Negligible
AQ579	721010,730213	<0.1	<0.1	<0.1	<1	Negligible	Negligible	Negligible
AQ580	721010,730214	-0.1	<0.1	<0.1	<1	Negligible	Negligible	Negligible
AQ581	721010,730215	-0.1	<0.1	<0.1	<1	Negligible	Negligible	Negligible
AQ582	721010,730216	<0.1	<0.1	<0.1	<1	Negligible	Negligible	Negligible
AQ583	721010,730217	<0.1	<0.1	<0.1	<1	Negligible	Negligible	Negligible
AQ584	721010,730218	<0.1	<0.1	<0.1	<1	Negligible	Negligible	Negligible
AQ585	721010,730219	-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 PM10 days $>50 \mu\text{g}/\text{m}^3$	Impact on Annual Mean Conc.		
		NO ₂	PM ₁₀	PM _{2.5}		NO ₂	PM ₁₀	PM _{2.5}
AQ586	721010,730220	0.1	<0.1	<0.1	<1	Negligible	Negligible	Negligible
AQ587	721010,730221	0.1	<0.1	<0.1	<1	Negligible	Negligible	Negligible
AQ588	721010,730222	0.1	<0.1	<0.1	<1	Negligible	Negligible	Negligible
AQ589	721010,730223	0.1	<0.1	<0.1	<1	Negligible	Negligible	Negligible
AQ590	721010,730224	0.1	<0.1	<0.1	<1	Negligible	Negligible	Negligible
AQ591	721010,730225	0.1	<0.1	<0.1	<1	Negligible	Negligible	Negligible
AQ592	721010,730226	<0.1	<0.1	<0.1	<1	Negligible	Negligible	Negligible
AQ593	721010,730227	-0.1	<0.1	<0.1	<1	Negligible	Negligible	Negligible
AQ594	721010,730228	<0.1	<0.1	<0.1	<1	Negligible	Negligible	Negligible
AQ595	721010,730229	0.1	<0.1	<0.1	<1	Negligible	Negligible	Negligible
AQ596	721010,730230	-0.2	<0.1	<0.1	<1	Negligible	Negligible	Negligible
AQ597	721010,730231	<0.1	<0.1	<0.1	<1	Negligible	Negligible	Negligible
AQ598	721010,730232	-1.2	-0.1	-0.1	<1	Negligible	Negligible	Negligible
AQ599	721010,730233	0.1	<0.1	<0.1	<1	Negligible	Negligible	Negligible
AQ600	721010,730234	0.4	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 NO₂ concentration. A slightly beneficial impact is estimated at seven receptors and a moderate beneficial impact at three receptors. All beneficial impacts are modelled along the Proposed Scheme. A slightly adverse impact is estimated at five receptors and a moderate adverse impact at four receptors on the R137 Harold's Cross Rd and R811 South Circular Rd. These localised moderate adverse impacts are 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

Receptor	Receptor Location (ITM)	DM (2028)			No. of PM ₁₀ days > 50µg/m ³
		Annual Mean Conc. (µg/m ³)			
		NO ₂	PM ₁₀	PM _{2.5}	
AQ1	715497,733761	33.6	15.7	11.1	1
AQ2	715518,733754	35.6	16.1	11.3	1
AQ3	715484,733638	32.0	15.6	11.0	1
AQ4	715482,733620	31.9	15.6	11.0	1
AQ5	715498,733591	34.4	16.0	11.2	1
AQ6	715508,733685	37.1	16.2	11.3	1
AQ7	715504,733648	34.9	16.0	11.2	1
AQ8	715488,733494	38.8	17.0	11.8	1
AQ9	715493,733542	38.4	16.8	11.7	1
AQ10	715467,733397	32.8	15.9	11.1	1
AQ11	715480,733431	36.6	16.4	11.5	1
AQ12	715511,733714	35.3	16.0	11.2	1
AQ13	715495,733568	34.8	16.1	11.2	1
AQ14	712950,728834	24.6	14.7	10.4	<1
AQ15	712947,728763	26.1	15.0	10.6	<1
AQ16	712897,728766	25.9	14.9	10.5	<1
AQ17	712851,728742	26.2	15.0	10.6	<1
AQ18	712920,728769	30.0	15.6	10.9	1
AQ19	712989,728806	25.3	14.8	10.5	<1
AQ20	712971,728856	24.7	14.7	10.4	<1
AQ21	713447,729283	24.9	14.7	10.4	<1
AQ22	713348,729154	25.5	14.7	10.5	<1
AQ23	713380,729196	25.2	14.7	10.4	<1
AQ24	713405,729228	25.1	14.7	10.4	<1
AQ25	713760,729523	22.9	14.4	10.3	<1
AQ26	713736,729595	24.1	14.6	10.4	<1
AQ27	713694,729559	23.9	14.6	10.3	<1
AQ28	713084,728899	25.7	14.9	10.5	<1
AQ29	713058,728888	25.9	14.9	10.6	<1
AQ30	713023,728856	26.8	15.1	10.6	<1
AQ31	713213,728947	25.9	14.8	10.5	<1
AQ32	713027,728912	24.6	14.7	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}	$\text{PM}_{2.5}$	
AQ33	713092,728926	29.9	15.6	10.9	1
AQ34	713263,728983	26.1	14.8	10.5	<1
AQ35	713246,729027	27.4	15.0	10.6	<1
AQ36	714330,728954	24.8	14.6	10.4	<1
AQ37	714289,728883	27.1	14.9	10.5	<1
AQ38	713201,728990	26.7	14.9	10.5	<1
AQ39	713150,728963	25.5	14.8	10.5	<1
AQ40	713369,729099	26.1	14.8	10.5	<1
AQ41	713394,729128	25.4	14.7	10.4	<1
AQ42	713350,729072	26.5	14.9	10.5	<1
AQ43	714372,729091	24.0	14.5	10.3	<1
AQ44	714372,729117	24.9	14.6	10.4	<1
AQ45	714379,729064	24.9	14.7	10.4	<1
AQ46	714419,730390	25.7	14.9	10.5	<1
AQ47	714367,729260	23.8	14.6	10.4	<1
AQ48	714365,729398	23.9	14.6	10.4	<1
AQ49	714367,729218	24.1	14.6	10.4	<1
AQ50	714364,729456	23.9	14.6	10.4	<1
AQ51	714367,729318	24.0	14.6	10.4	<1
AQ52	714402,729345	24.8	14.8	10.5	<1
AQ53	714402,729376	24.7	14.8	10.4	<1
AQ54	714367,729514	24.5	14.7	10.4	<1
AQ55	714338,729575	24.0	14.6	10.4	<1
AQ56	714426,729634	32.3	15.5	10.9	1
AQ57	714422,729576	28.6	15.1	10.7	<1
AQ58	714412,729483	24.0	14.6	10.4	<1
AQ59	714380,729573	26.1	14.8	10.5	<1
AQ60	714422,729539	25.1	14.7	10.4	<1
AQ61	714401,729416	24.9	14.8	10.5	<1
AQ62	714431,729751	26.1	14.9	10.5	<1
AQ63	714379,729745	23.4	14.5	10.3	<1
AQ64	714426,729667	32.1	15.5	10.9	1
AQ65	713833,729615	22.8	14.4	10.3	<1
AQ66	713805,729583	22.8	14.4	10.3	<1
AQ67	714163,729988	23.6	14.6	10.3	<1
AQ68	714135,729963	24.2	14.6	10.4	<1
AQ69	714380,730076	26.4	15.0	10.6	<1
AQ70	714351,730055	27.1	15.1	10.6	<1
AQ71	714379,730027	26.3	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}	$\text{PM}_{2.5}$	
AQ72	714122,730001	24.4	14.7	10.4	<1
AQ73	714220,730073	28.4	15.2	10.7	<1
AQ74	714343,730090	24.7	14.7	10.4	<1
AQ75	714359,730159	26.8	14.9	10.5	<1
AQ76	714269,730127	26.5	14.9	10.5	<1
AQ77	714255,730106	27.0	15.0	10.6	<1
AQ78	714390,730113	25.9	14.9	10.5	<1
AQ79	714173,730067	23.7	14.6	10.3	<1
AQ80	714198,730041	25.2	14.8	10.5	<1
AQ81	714150,730042	23.6	14.6	10.3	<1
AQ82	714216,730098	26.0	14.8	10.5	<1
AQ83	714394,730195	31.2	15.4	10.8	<1
AQ84	714378,730235	30.5	15.3	10.8	<1
AQ85	714349,730189	32.0	15.4	10.8	<1
AQ86	714311,730191	30.5	15.4	10.8	<1
AQ87	714449,730237	29.5	15.2	10.7	<1
AQ88	714406,730216	32.7	15.5	10.9	1
AQ89	714516,730270	33.3	15.8	11.1	1
AQ90	714384,730256	28.3	15.1	10.6	<1
AQ91	714425,730243	31.8	15.5	10.9	<1
AQ92	714426,730345	27.9	15.1	10.7	<1
AQ93	714402,730316	26.8	14.9	10.6	<1
AQ94	714393,730285	27.3	15.0	10.6	<1
AQ95	714543,730322	25.2	14.7	10.4	<1
AQ96	714510,730299	26.7	14.9	10.5	<1
AQ97	714419,730316	28.5	15.2	10.7	<1
AQ98	714407,730265	30.2	15.3	10.8	<1
AQ99	714413,730289	29.0	15.2	10.7	<1
AQ100	714451,730420	26.7	15.0	10.6	<1
AQ101	714447,730400	26.6	15.0	10.6	<1
AQ102	714008,729790	22.4	14.4	10.2	<1
AQ103	714022,729805	22.4	14.4	10.2	<1
AQ104	714165,729753	21.8	14.3	10.2	1
AQ105	713824,729690	23.9	14.6	10.4	<1
AQ106	713886,729670	22.7	14.4	10.3	<1
AQ107	713806,729671	23.9	14.6	10.4	<1
AQ108	714378,729772	23.5	14.5	10.3	<1
AQ109	714362,729870	26.8	14.8	10.5	<1
AQ110	714363,729858	25.6	14.7	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}	$\text{PM}_{2.5}$	
AQ111	713877,729747	23.8	14.6	10.4	<1
AQ112	714416,729790	27.6	15.2	10.7	<1
AQ113	714056,729845	22.5	14.4	10.2	<1
AQ114	713931,729810	23.4	14.5	10.3	<1
AQ115	713895,729766	23.8	14.6	10.4	<1
AQ116	713944,729732	22.7	14.4	10.3	<1
AQ117	713948,729829	23.4	14.5	10.3	<1
AQ118	714094,729768	21.7	14.3	10.2	1
AQ119	714351,729974	24.9	14.7	10.4	<1
AQ120	714062,729933	25.3	14.8	10.5	<1
AQ121	714095,729932	26.2	14.9	10.6	<1
AQ122	714414,729828	26.3	15.0	10.6	<1
AQ123	714230,729841	23.2	14.4	10.3	<1
AQ124	714389,729959	26.6	14.9	10.6	<1
AQ125	714354,729921	24.5	14.6	10.4	<1
AQ126	714459,730461	26.6	14.9	10.6	<1
AQ127	714615,730352	24.9	14.7	10.4	<1
AQ128	714588,730286	25.1	14.7	10.4	<1
AQ129	714559,730273	25.3	14.7	10.4	<1
AQ130	714617,730298	24.5	14.7	10.4	<1
AQ131	714759,730357	23.7	14.6	10.3	<1
AQ132	714720,730342	23.9	14.6	10.4	<1
AQ133	714794,730371	23.7	14.6	10.3	<1
AQ134	711504,728117	41.6	17.8	12.2	1
AQ135	714487,730884	24.3	14.7	10.4	<1
AQ136	712851,728702	26.6	15.0	10.6	<1
AQ137	712911,728728	25.5	14.9	10.5	<1
AQ138	714558,731040	26.4	14.9	10.5	<1
AQ139	714538,730914	28.0	15.2	10.7	<1
AQ140	714526,730892	27.7	15.2	10.7	<1
AQ141	714542,731006	25.8	14.8	10.5	<1
AQ142	714556,730950	28.8	15.3	10.8	<1
AQ143	714459,730665	29.5	15.6	10.9	1
AQ144	714461,730476	26.8	15.0	10.6	<1
AQ145	714441,730524	24.5	14.7	10.4	<1
AQ146	714511,730863	27.4	15.2	10.7	<1
AQ147	714499,730839	27.2	15.1	10.7	<1
AQ148	714464,730543	27.9	15.2	10.7	<1
AQ149	714444,730550	25.5	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}	$\text{PM}_{2.5}$	
AQ150	714453,730808	24.4	14.7	10.4	<1
AQ151	714435,730721	24.1	14.7	10.4	<1
AQ152	714438,730774	24.1	14.6	10.4	<1
AQ153	714431,730759	24.3	14.7	10.4	<1
AQ154	714450,730590	23.9	14.6	10.4	<1
AQ155	714448,730655	24.0	14.7	10.4	<1
AQ156	714450,730689	25.5	14.9	10.5	<1
AQ157	714478,730611	26.1	15.0	10.6	<1
AQ158	714486,730815	27.4	15.2	10.7	<1
AQ159	714477,730781	26.0	14.9	10.6	<1
AQ160	714457,730738	25.6	14.9	10.5	<1
AQ161	714478,730863	24.3	14.7	10.4	<1
AQ162	714671,731166	26.7	14.9	10.6	<1
AQ163	714628,731162	27.1	15.0	10.6	<1
AQ164	714646,731575	27.4	15.0	10.6	<1
AQ165	714625,731558	28.3	15.1	10.7	<1
AQ166	714591,731017	40.0	16.9	11.8	1
AQ167	714566,730968	29.8	15.5	10.9	<1
AQ168	714598,731126	24.7	14.7	10.4	<1
AQ169	714645,731121	27.8	15.1	10.7	<1
AQ170	714657,731426	27.5	15.1	10.7	<1
AQ171	714647,731221	29.6	15.2	10.8	<1
AQ172	714630,731471	24.0	14.6	10.3	<1
AQ173	714654,731516	26.7	14.9	10.6	<1
AQ174	714631,731510	24.7	14.7	10.4	<1
AQ175	714703,731332	25.6	14.8	10.5	<1
AQ176	714666,731306	25.7	14.8	10.5	<1
AQ177	714605,731037	36.0	16.3	11.4	1
AQ178	714669,731341	25.4	14.7	10.5	<1
AQ179	714665,731366	24.5	14.7	10.4	<1
AQ180	714613,731056	36.9	16.4	11.5	1
AQ181	714683,731190	28.9	15.2	10.7	<1
AQ182	714658,731410	24.2	14.6	10.4	<1
AQ183	714691,731246	27.0	14.9	10.6	<1
AQ184	714703,731365	25.3	14.7	10.4	<1
AQ185	714689,731396	25.7	14.8	10.5	<1
AQ186	714691,731277	27.3	15.0	10.6	<1
AQ187	714937,730458	28.0	15.2	10.7	<1
AQ188	714970,730446	28.2	15.1	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}	$\text{PM}_{2.5}$	
AQ189	714993,730456	30.5	15.4	10.8	<1
AQ190	714984,730476	31.2	15.5	10.9	1
AQ191	715008,730506	27.5	15.1	10.7	<1
AQ192	715024,730536	26.5	15.0	10.6	<1
AQ193	715089,730608	24.0	14.6	10.4	<1
AQ194	715076,730579	24.3	14.7	10.4	<1
AQ195	715033,730562	25.7	14.9	10.5	<1
AQ196	715121,730694	24.2	14.7	10.4	<1
AQ197	715105,730663	24.7	14.8	10.5	<1
AQ198	715074,730659	27.7	15.3	10.8	<1
AQ199	715060,730623	25.4	14.9	10.5	<1
AQ200	715142,730748	24.1	14.7	10.4	<1
AQ201	715129,730715	24.2	14.7	10.4	<1
AQ202	712328,728474	26.3	15.0	10.6	<1
AQ203	712506,728571	25.3	14.8	10.5	<1
AQ204	712801,728725	26.5	14.9	10.6	<1
AQ205	712757,728707	28.3	15.2	10.7	<1
AQ206	712762,728653	27.1	15.0	10.6	<1
AQ207	712805,728662	25.0	14.7	10.4	<1
AQ208	715337,731243	23.5	14.6	10.4	<1
AQ209	715314,731318	22.9	14.5	10.3	<1
AQ210	715299,731277	22.9	14.5	10.3	<1
AQ211	715239,731127	23.5	14.5	10.3	<1
AQ212	715304,731163	23.8	14.6	10.4	<1
AQ213	715314,731188	23.7	14.6	10.4	<1
AQ214	715292,731133	24.0	14.6	10.4	<1
AQ215	715232,730976	24.2	14.6	10.4	<1
AQ216	715245,731012	24.5	14.7	10.4	<1
AQ217	715257,731078	26.6	14.8	10.5	<1
AQ218	715272,731210	23.0	14.5	10.3	<1
AQ219	715323,731209	23.6	14.6	10.4	<1
AQ220	715378,731344	23.5	14.6	10.4	<1
AQ221	715364,731309	23.5	14.6	10.4	<1
AQ222	715097,730767	23.5	14.6	10.3	<1
AQ223	715120,730777	26.6	15.1	10.6	<1
AQ224	715120,730825	23.3	14.5	10.3	<1
AQ225	715128,730846	23.3	14.5	10.3	<1
AQ226	715184,730988	23.4	14.5	10.3	<1
AQ227	715190,730872	24.4	14.7	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}	$\text{PM}_{2.5}$	
AQ228	715204,730904	24.7	14.7	10.4	<1
AQ229	715232,731078	26.6	14.9	10.5	<1
AQ230	715141,730879	23.8	14.6	10.3	<1
AQ231	715192,731011	23.4	14.5	10.3	<1
AQ232	715224,730957	24.3	14.7	10.4	<1
AQ233	715169,730947	23.7	14.6	10.3	<1
AQ234	715155,730914	24.2	14.6	10.4	<1
AQ235	715348,731384	23.6	14.6	10.4	<1
AQ236	715340,731361	23.7	14.6	10.4	<1
AQ237	715378,731455	24.8	14.7	10.4	<1
AQ238	715182,730847	24.0	14.7	10.4	<1
AQ239	715168,730816	24.2	14.7	10.4	<1
AQ240	715401,731539	24.5	14.6	10.4	<1
AQ241	715401,731406	23.9	14.7	10.4	<1
AQ242	715421,731471	25.6	14.8	10.5	<1
AQ243	715439,731516	27.9	15.1	10.7	<1
AQ244	715573,732087	25.3	14.8	10.5	<1
AQ245	714279,728766	22.6	14.4	10.2	<1
AQ246	715566,732023	27.6	15.1	10.6	<1
AQ247	715589,732078	26.7	15.0	10.6	<1
AQ248	715577,732126	25.9	14.8	10.5	<1
AQ249	715605,732127	25.3	14.8	10.5	<1
AQ250	715598,732173	32.6	15.6	11.0	1
AQ251	715612,732226	27.0	14.9	10.5	<1
AQ252	715567,732221	24.3	14.6	10.3	<1
AQ253	715607,732187	27.9	15.0	10.6	<1
AQ254	714934,730435	25.7	14.8	10.5	<1
AQ255	714906,730412	24.0	14.6	10.4	<1
AQ256	714926,730419	24.3	14.6	10.4	<1
AQ257	714750,730413	25.6	14.8	10.5	<1
AQ258	714874,730458	25.3	14.8	10.5	<1
AQ259	714821,730441	25.1	14.8	10.5	<1
AQ260	714879,730402	23.7	14.6	10.3	<1
AQ261	714616,731584	25.3	14.7	10.5	<1
AQ262	714617,731609	24.4	14.6	10.4	<1
AQ263	714640,731615	26.6	14.9	10.6	<1
AQ264	714628,731668	24.8	14.7	10.4	<1
AQ265	714662,731688	27.0	15.0	10.6	<1
AQ266	714655,731662	27.2	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}	$\text{PM}_{2.5}$	
AQ267	714642,731633	26.8	14.9	10.6	<1
AQ268	715504,731583	26.4	14.9	10.5	<1
AQ269	715510,731547	26.0	14.8	10.5	<1
AQ270	715474,731556	28.2	15.1	10.7	<1
AQ271	715545,731569	27.4	15.0	10.6	<1
AQ272	715565,731807	27.0	15.0	10.6	<1
AQ273	715555,731672	28.9	15.2	10.7	<1
AQ274	715559,731735	27.4	15.1	10.6	<1
AQ275	715557,731695	27.7	15.1	10.7	<1
AQ276	715562,731756	27.0	15.0	10.6	<1
AQ277	715537,731815	25.7	14.8	10.5	<1
AQ278	715536,731734	25.8	14.8	10.5	<1
AQ279	715544,731749	28.5	15.2	10.7	<1
AQ280	715550,731624	30.5	15.4	10.8	<1
AQ281	715528,731690	25.5	14.8	10.5	<1
AQ282	715525,731657	26.6	14.9	10.5	<1
AQ283	715568,731843	27.1	15.1	10.6	<1
AQ284	715571,731878	26.9	15.1	10.6	<1
AQ285	714312,728772	24.4	14.6	10.4	<1
AQ286	714337,728755	26.8	14.9	10.6	<1
AQ287	715587,732328	24.7	14.6	10.4	<1
AQ288	715620,732332	26.7	14.9	10.6	<1
AQ289	714315,728795	25.6	14.8	10.5	<1
AQ290	715601,732421	26.5	14.9	10.5	<1
AQ291	715626,732401	27.0	15.0	10.6	<1
AQ292	715599,732390	26.1	14.9	10.5	<1
AQ293	715618,732297	27.2	14.9	10.5	<1
AQ294	715624,732381	26.7	15.0	10.6	<1
AQ295	715596,732360	27.7	15.1	10.7	<1
AQ296	715607,732475	30.6	15.4	10.8	<1
AQ297	715628,732456	29.9	15.3	10.8	<1
AQ298	715628,732430	27.9	15.1	10.6	<1
AQ299	715592,732582	31.6	15.6	10.9	1
AQ300	715613,732580	34.8	16.0	11.2	1
AQ301	715628,732545	34.5	15.9	11.1	1
AQ302	715615,732562	36.1	16.1	11.3	1
AQ303	715599,732543	37.7	16.3	11.4	1
AQ304	714523,728542	23.0	14.4	10.3	<1
AQ305	714646,728539	35.6	15.9	11.2	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}	$\text{PM}_{2.5}$	
AQ306	715543,731935	24.8	14.7	10.4	<1
AQ307	715564,732001	26.1	14.8	10.5	<1
AQ308	715592,732013	26.0	14.8	10.5	<1
AQ309	715585,731918	25.3	14.8	10.5	<1
AQ310	714427,728629	23.4	14.5	10.3	<1
AQ311	714380,728678	24.0	14.5	10.3	<1
AQ312	714466,728594	23.6	14.5	10.3	<1
AQ313	715593,732673	37.0	16.1	11.3	1
AQ314	715598,732649	36.1	16.1	11.3	1
AQ315	715586,732617	31.4	15.5	10.9	1
AQ316	715609,732606	33.9	15.9	11.2	1
AQ317	715567,732733	38.8	16.2	11.3	1
AQ318	715551,733063	31.5	15.7	11.0	1
AQ319	715541,733159	31.8	15.8	11.1	1
AQ320	715550,733100	32.0	15.8	11.1	1
AQ321	715545,733145	31.6	15.7	11.0	1
AQ322	715527,733108	30.7	15.5	10.9	1
AQ323	715526,733215	33.0	15.8	11.1	1
AQ324	715520,733260	32.9	15.7	11.0	1
AQ325	715479,733323	38.5	16.4	11.5	1
AQ326	715467,733351	36.4	16.3	11.4	1
AQ327	715505,733227	30.8	15.4	10.9	<1
AQ328	715511,733317	37.6	16.3	11.4	1
AQ329	715510,733290	35.2	16.0	11.2	1
AQ330	715501,733256	31.6	15.5	10.9	1
AQ331	715489,733277	30.7	15.4	10.9	<1
AQ332	715592,732740	30.0	15.1	10.7	<1
AQ333	715594,732766	31.7	15.3	10.8	<1
AQ334	715609,732714	27.3	14.9	10.5	<1
AQ335	715555,732801	43.3	16.7	11.7	1
AQ336	715538,732893	34.2	15.7	11.0	1
AQ337	715548,732841	39.3	16.2	11.4	1
AQ338	715528,732933	32.3	15.6	11.0	1
AQ339	715550,732972	33.1	15.8	11.1	1
AQ340	715549,732946	34.5	15.9	11.2	1
AQ341	715552,732925	36.7	16.1	11.3	1
AQ342	715525,733017	30.2	15.4	10.9	<1
AQ343	715552,733030	31.5	15.7	11.0	1
AQ344	715549,733001	32.5	15.8	11.1	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}	$\text{PM}_{2.5}$	
AQ345	715558,733878	31.7	15.7	11.0	1
AQ346	715550,733850	32.6	15.9	11.1	1
AQ347	715534,733818	33.1	15.8	11.1	1
AQ348	715543,733798	34.1	16.0	11.2	1
AQ349	715570,733849	33.2	15.9	11.1	1
AQ350	715554,733816	33.9	16.0	11.2	1
AQ351	715580,733962	34.5	15.9	11.1	1
AQ352	715581,733942	35.3	16.1	11.3	1
AQ353	715585,733922	33.0	15.9	11.1	1
AQ354	715579,733991	34.5	15.8	11.1	1
AQ355	715561,734027	32.9	15.6	11.0	1
AQ356	715577,734015	35.3	15.9	11.2	1
AQ357	715588,734078	36.9	16.3	11.4	1
AQ358	715565,734073	37.6	16.3	11.4	1
AQ359	715633,734086	34.8	16.0	11.2	1
AQ360	715198,733939	37.0	16.3	11.4	1
AQ361	715190,733766	41.9	16.9	11.8	1
AQ362	715263,733791	25.1	14.7	10.4	<1
AQ363	715312,733689	26.3	14.8	10.5	<1
AQ364	715192,733670	39.9	16.7	11.6	1
AQ365	715375,733705	25.6	14.7	10.4	<1
AQ366	715625,733645	25.9	14.7	10.5	<1
AQ367	715542,733495	25.0	14.7	10.4	<1
AQ368	715582,733478	25.8	14.8	10.5	<1
AQ369	715561,733437	25.6	14.8	10.5	<1
AQ370	715589,733351	39.0	16.7	11.6	1
AQ371	715547,733322	35.4	16.1	11.3	1
AQ372	715506,733370	38.4	16.6	11.6	1
AQ373	715434,733477	25.5	14.7	10.4	<1
AQ374	715403,733522	27.1	14.9	10.5	<1
AQ375	715407,733559	25.6	14.7	10.4	<1
AQ376	715245,733510	29.9	15.3	10.8	<1
AQ377	715372,733360	33.4	15.8	11.1	1
AQ378	715265,733291	26.3	14.8	10.5	<1
AQ379	715286,733094	24.5	14.6	10.4	<1
AQ380	715410,733084	23.7	14.5	10.3	<1
AQ381	715306,732923	25.0	14.7	10.4	<1
AQ382	715436,732955	25.4	14.7	10.4	<1
AQ383	715186,733394	32.8	15.7	11.0	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}	$\text{PM}_{2.5}$	
AQ384	715054,733468	47.5	17.3	12.0	1
AQ385	715026,733416	32.6	15.6	11.0	1
AQ386	715025,733184	36.4	16.1	11.3	1
AQ387	715610,732912	38.5	16.3	11.4	1
AQ388	715750,732934	26.9	14.9	10.5	<1
AQ389	715966,732916	26.0	14.8	10.5	<1
AQ390	715663,732808	29.1	15.1	10.7	<1
AQ391	715963,732820	27.8	15.1	10.7	<1
AQ392	715780,732690	26.1	14.8	10.5	<1
AQ393	715829,732595	25.7	14.8	10.5	<1
AQ394	715889,732519	32.1	15.5	10.9	1
AQ395	716046,732576	26.2	14.9	10.5	<1
AQ396	716211,732645	26.7	15.0	10.6	<1
AQ397	716325,732791	40.1	16.5	11.5	1
AQ398	716370,732708	39.6	16.5	11.5	1
AQ399	716454,732738	32.0	15.5	10.9	1
AQ400	716565,732771	23.8	14.6	10.3	<1
AQ401	716457,732655	32.9	16.0	11.2	1
AQ402	716413,732596	32.6	15.9	11.1	1
AQ403	715695,732403	24.3	14.6	10.4	<1
AQ404	715667,732466	28.3	15.1	10.7	<1
AQ405	715732,732330	23.3	14.5	10.3	<1
AQ406	715778,732245	23.1	14.5	10.3	<1
AQ407	715775,732197	23.8	14.5	10.3	<1
AQ408	715652,732184	25.0	14.7	10.4	<1
AQ409	715628,731679	26.1	14.8	10.5	<1
AQ410	715549,731535	25.0	14.7	10.4	<1
AQ411	714997,730387	25.8	14.8	10.5	<1
AQ412	714558,729587	26.1	14.9	10.6	<1
AQ413	714245,728611	24.6	14.7	10.4	<1
AQ414	713582,728669	26.0	14.8	10.5	<1
AQ415	713370,728946	24.0	14.6	10.4	<1
AQ416	713465,728912	23.8	14.6	10.4	<1
AQ417	714280,729502	22.8	14.5	10.3	<1
AQ418	714282,729246	22.3	14.4	10.2	<1
AQ419	713605,728840	25.7	14.7	10.5	<1
AQ420	712742,728543	27.7	15.0	10.6	<1
AQ421	712624,727889	23.2	14.5	10.3	<1
AQ422	712593,728173	24.7	14.7	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}	$\text{PM}_{2.5}$	
AQ423	711079,727940	40.6	17.6	12.1	1
AQ424	711786,728583	26.7	15.1	10.7	<1
AQ425	711639,728709	26.1	15.0	10.6	<1
AQ426	711612,729013	23.5	14.6	10.3	<1
AQ427	711770,729303	25.1	14.8	10.5	<1
AQ428	712673,728837	24.2	14.7	10.4	<1
AQ429	712641,729186	24.1	14.6	10.4	<1
AQ430	712854,729281	23.3	14.5	10.3	<1
AQ431	713220,729086	25.5	14.8	10.5	<1
AQ432	712786,729453	25.6	14.9	10.5	<1
AQ433	712854,729650	24.3	14.7	10.4	<1
AQ434	712956,730021	24.0	14.7	10.4	<1
AQ435	713168,730321	25.7	15.0	10.6	<1
AQ436	713280,730426	29.5	15.5	10.9	<1
AQ437	713447,730377	22.2	14.4	10.2	<1
AQ438	713745,730309	22.5	14.5	10.3	<1
AQ439	714109,730254	23.5	14.6	10.3	<1
AQ440	714261,730188	25.8	14.8	10.5	<1
AQ441	714282,730044	22.6	14.4	10.2	<1
AQ442	715299,731408	22.8	14.4	10.3	<1
AQ443	714821,731290	23.2	14.5	10.3	<1
AQ444	714506,731249	25.7	14.8	10.5	<1
AQ445	714467,731163	24.2	14.6	10.4	<1
AQ446	714243,731093	23.7	14.6	10.3	<1
AQ447	714023,731139	23.3	14.5	10.3	<1
AQ448	714864,731531	22.0	14.3	10.2	<1
AQ449	714569,731741	25.1	14.8	10.5	<1
AQ450	714686,731805	25.6	14.8	10.5	<1
AQ451	714669,732015	25.1	14.7	10.4	<1
AQ452	714757,732148	29.6	15.3	10.8	<1
AQ453	715474,732459	26.0	14.8	10.5	<1
AQ454	715321,732438	27.1	15.0	10.6	<1
AQ455	715178,732425	28.6	15.2	10.8	<1
AQ456	714999,732403	26.3	14.9	10.5	<1
AQ457	714843,732402	44.6	17.2	12.0	1
AQ458	714721,732409	24.4	14.6	10.4	<1
AQ459	714612,732426	23.8	14.5	10.3	<1
AQ460	714885,732472	42.1	16.7	11.7	1
AQ461	714863,732553	31.7	15.6	11.0	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}	$\text{PM}_{2.5}$	
AQ462	714871,732667	37.3	16.4	11.5	1
AQ463	714899,732730	46.3	17.4	12.1	1
AQ464	714775,732703	39.6	16.9	11.8	1
AQ465	714598,732636	31.7	15.8	11.1	1
AQ466	714866,732814	41.7	16.8	11.7	1
AQ467	715146,732757	25.7	14.8	10.5	<1
AQ468	715423,732748	27.7	15.0	10.6	<1
AQ469	715518,732644	24.9	14.6	10.4	<1
AQ470	715434,732633	25.6	14.7	10.4	<1
AQ471	715364,733592	24.6	14.6	10.4	<1
AQ472	715453,733284	25.9	14.8	10.5	<1
AQ473	715278,733181	25.9	14.7	10.5	<1
AQ474	715375,733024	23.4	14.5	10.3	<1
AQ475	715327,732773	30.4	15.3	10.8	<1
AQ476	715949,732398	24.4	14.6	10.4	<1
AQ477	715760,732539	26.4	14.8	10.5	<1
AQ478	713831,729489	21.9	14.3	10.2	<1
AQ479	714680,730812	22.9	14.4	10.3	<1
AQ480	714622,730952	24.0	14.6	10.3	<1
AQ481	714721,731106	25.2	14.7	10.4	<1
AQ482	715399,732403	23.8	14.5	10.3	<1
AQ483	712492,728167	23.8	14.6	10.3	<1
AQ484	715632,734262	38.6	16.6	11.6	1
AQ485	715512,734227	39.4	16.8	11.7	1
AQ486	716170,734439	45.7	17.3	12.0	1
AQ487	716045,734420	39.1	16.6	11.6	1
AQ488	715959,734385	45.9	17.3	12.0	1
AQ489	715900,734357	39.7	16.4	11.5	1
AQ490	715740,734300	38.3	16.5	11.5	1
AQ491	715810,734074	30.4	15.4	10.8	<1
AQ492	716586,732473	32.7	16.0	11.2	1
AQ493	716343,732539	23.7	14.6	10.3	<1
AQ494	716420,732347	21.8	14.3	10.2	1
AQ495	716572,732103	24.2	14.6	10.4	<1
AQ496	716463,732062	25.5	14.8	10.5	<1
AQ497	716449,731864	30.2	15.4	10.8	<1
AQ498	716349,731940	28.8	15.1	10.7	<1
AQ499	716270,731982	29.9	15.2	10.7	<1
AQ500	716087,731894	25.3	14.8	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}	$\text{PM}_{2.5}$	
AQ501	716136,732144	24.1	14.6	10.4	<1
AQ502	716027,732328	24.9	14.7	10.4	<1
AQ503	715904,731787	26.8	15.0	10.6	<1
AQ504	715677,731644	22.9	14.4	10.3	<1
AQ505	715745,731456	22.2	14.3	10.2	<1
AQ506	715613,731390	23.9	14.6	10.4	<1
AQ507	715181,730552	24.7	14.8	10.4	<1
AQ508	715589,730630	22.8	14.4	10.3	<1
AQ509	715702,730608	23.8	14.5	10.3	<1
AQ510	715794,730479	23.1	14.5	10.3	<1
AQ511	715930,730194	25.2	14.8	10.5	<1
AQ512	715614,730003	22.8	14.4	10.3	<1
AQ513	715364,729916	26.1	14.9	10.5	<1
AQ514	715276,729944	23.9	14.6	10.3	<1
AQ515	715290,730046	22.9	14.5	10.3	<1
AQ516	715170,730135	24.8	14.7	10.4	<1
AQ517	715023,730302	24.8	14.7	10.4	<1
AQ518	714747,729597	24.4	14.7	10.4	<1
AQ519	715125,729528	22.3	14.4	10.2	<1
AQ520	715271,729489	23.1	14.5	10.3	<1
AQ521	714498,728147	23.0	14.5	10.3	<1
AQ522	714487,728032	23.5	14.6	10.3	<1
AQ523	714504,727735	22.7	14.5	10.3	<1
AQ524	714394,727586	22.7	14.4	10.2	<1
AQ525	714146,728325	25.7	14.9	10.5	<1
AQ526	713918,728251	21.9	14.3	10.2	<1
AQ527	713770,728229	21.4	14.2	10.1	1
AQ528	713806,728553	21.6	14.3	10.2	1
AQ529	713823,728718	23.3	14.5	10.3	<1
AQ530	713258,728529	23.2	14.5	10.3	<1
AQ531	712763,728380	25.3	14.8	10.5	<1
AQ532	712824,728144	23.0	14.5	10.3	<1
AQ533	712997,727979	22.5	14.4	10.3	<1
AQ534	713343,727868	21.6	14.3	10.2	<1
AQ535	711995,727854	24.6	14.8	10.5	<1
AQ536	711562,727650	34.9	16.6	11.6	1
AQ537	711058,727381	23.9	14.7	10.4	<1
AQ538	710588,727644	23.6	14.7	10.4	<1
AQ539	710817,727804	28.4	15.4	10.8	<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}	
AQ540	715093,731372	22.6	14.4	10.3	<1
AQ541	715187,731752	22.2	14.3	10.2	<1
AQ542	711291,727649	29.3	15.6	11.0	1
AQ543	711052,728045	28.4	15.4	10.9	<1
AQ544	714401,730485	22.9	14.4	10.3	<1
AQ545	715604,731458	22.6	14.4	10.2	<1
AQ546	714609,728344	21.1	14.2	10.1	1
AQ547	712429,728529	24.9	14.8	10.5	<1
AQ548	713667,729497	31.4	15.7	11.0	1
AQ549	713726,729649	22.0	14.3	10.2	<1
AQ550	713514,729333	31.9	15.7	11.0	1
AQ551	713804,729826	21.4	14.2	10.1	1
AQ552	714407,728609	22.1	14.3	10.2	<1
AQ553	714516,728566	25.2	14.7	10.4	<1
AQ554	714188,730289	22.3	14.4	10.2	<1
AQ555	715134,731320	21.7	14.3	10.2	1
AQ556	714941,730695	23.1	14.5	10.3	<1
AQ557	715471,732201	21.9	14.3	10.2	1
AQ558	715430,731892	21.8	14.3	10.2	1
AQ559	715472,732158	22.4	14.3	10.2	<1
AQ560	715186,731303	21.6	14.3	10.2	1
AQ561	715281,731576	22.0	14.3	10.2	<1
AQ562	715301,731445	25.7	14.8	10.5	<1
AQ563	715387,731526	24.2	14.6	10.4	<1
AQ564	713419,729131	23.8	14.5	10.3	<1
AQ565	713495,729279	27.8	15.0	10.6	<1
AQ566	715110,731002	21.8	14.3	10.2	1
AQ567	715477,731947	22.4	14.4	10.2	<1
AQ568	715437,732107	21.9	14.3	10.2	1
AQ569	715793,732463	24.2	14.6	10.3	<1
AQ570	715436,733656	24.7	14.6	10.4	<1
AQ571	715567,732856	60.3	18.7	12.9	2
AQ572	715646,732542	27.1	14.9	10.6	<1
AQ573	715578,731474	23.6	14.6	10.3	<1
AQ574	715716,734090	40.5	16.9	11.7	1
AQ575	715611,734049	34.1	15.9	11.1	1
AQ576	715586,734171	24.6	14.6	10.4	<1
AQ577	715449,734173	45.4	17.1	11.9	1
AQ578	715477,732917	25.5	14.7	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}	$\text{PM}_{2.5}$	
AQ579	715417,732871	25.0	14.6	10.4	<1
AQ580	715417,733716	27.8	15.0	10.6	<1
AQ581	715633,733696	25.4	14.7	10.4	<1
AQ582	715505,733658	42.0	17.0	11.8	1
AQ583	715635,733950	25.9	14.8	10.5	<1
AQ584	715594,733943	36.1	16.3	11.4	1
AQ585	715377,733743	27.1	14.9	10.6	<1
AQ586	712412,728403	22.3	14.4	10.2	<1
AQ587	712361,728433	23.0	14.5	10.3	<1
AQ588	714324,729142	22.4	14.4	10.2	<1
AQ589	712204,728642	22.5	14.4	10.2	<1
AQ590	712458,728492	22.9	14.5	10.3	<1
AQ591	712480,728470	22.5	14.4	10.2	<1
AQ592	715657,733054	25.7	14.7	10.4	<1
AQ593	715334,732910	27.0	14.9	10.5	<1
AQ594	715632,732945	26.6	14.8	10.5	<1
AQ595	715414,733176	23.3	14.5	10.3	<1
AQ596	715603,733302	29.9	15.3	10.8	<1
AQ597	712470,729550	22.6	14.4	10.3	<1
AQ598	715405,733325	39.4	16.9	11.7	1
AQ599	716121,732801	26.3	15.0	10.6	<1
AQ600	711059,728221	28.0	15.4	10.8	<1
Air Quality Limit Value Objective		40	40	25	35

In the cumulative 2028 DM scenario annual mean concentrations of NO_2 are above the relevant national air quality limit value objective in some areas; 16 exceedances were modelled at receptors on the N81 Tallaght Rd, R105 Burgh Quay, R110 Kevin St Lower, R114 Aungier St/Richmond St South/South Great George's St, R137 Clanbrassil St Lower/ Clanbrassil St Upper/Dame St/Harold's Cross Rd/New St South/Tallaght Rd, R138 Leeson St Lower, R148 Aston Quay/Wellington Quay and R811 South Circular Rd. 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 objectives 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 two 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 $\text{PM}_{2.5}$ concentrations are also below the relevant national air quality limit value limit value objectives for all modelled receptors.

2.2 'Do Something' Scenario

Predicted annual mean concentrations of NO_2 , PM_{10} , $\text{PM}_{2.5}$ and the number of exceedances of the 24-hour PM_{10} objective, at all modelled existing air quality sensitive receptors in the cumulative 2028 DS scenario are listed in 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 (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}	$\text{PM}_{2.5}$	
AQ1	715497,733761	36.1	16.0	11.2	1
AQ2	715518,733754	35.1	16.0	11.2	1
AQ3	715484,733638	29.7	15.3	10.8	<1
AQ4	715482,733620	29.6	15.3	10.8	<1
AQ5	715498,733591	31.1	15.5	10.9	1
AQ6	715508,733685	33.2	15.7	11.0	1
AQ7	715504,733648	31.2	15.5	10.9	1
AQ8	715488,733494	34.3	16.2	11.3	1
AQ9	715493,733542	34.4	16.2	11.3	1
AQ10	715467,733397	30.1	15.4	10.8	<1
AQ11	715480,733431	34.0	16.0	11.2	1
AQ12	715511,733714	32.4	15.6	11.0	1
AQ13	715495,733568	32.0	15.7	11.0	1
AQ14	712950,728834	22.8	14.5	10.3	<1
AQ15	712947,728763	23.5	14.6	10.4	<1
AQ16	712897,728766	23.5	14.6	10.3	<1
AQ17	712851,728742	23.9	14.6	10.4	<1
AQ18	712920,728769	25.6	14.9	10.6	<1
AQ19	712989,728806	23.1	14.5	10.3	<1
AQ20	712971,728856	22.8	14.5	10.3	<1
AQ21	713447,729283	22.6	14.4	10.3	<1
AQ22	713348,729154	23.3	14.5	10.3	<1
AQ23	713380,729196	22.9	14.4	10.3	<1
AQ24	713405,729228	22.8	14.4	10.3	<1
AQ25	713760,729523	21.7	14.3	10.2	1
AQ26	713736,729595	22.2	14.4	10.2	<1
AQ27	713694,729559	22.1	14.3	10.2	<1
AQ28	713084,728899	23.5	14.6	10.3	<1
AQ29	713058,728888	23.4	14.6	10.3	<1
AQ30	713023,728856	23.8	14.6	10.4	<1
AQ31	713213,728947	23.4	14.5	10.3	<1
AQ32	713027,728912	22.8	14.5	10.3	<1
AQ33	713092,728926	26.1	14.9	10.5	<1
AQ34	713263,728983	23.9	14.5	10.3	<1
AQ35	713246,729027	24.7	14.6	10.4	<1
AQ36	714330,728954	24.1	14.6	10.3	<1
AQ37	714289,728883	25.3	14.7	10.4	<1
AQ38	713201,728990	24.3	14.6	10.4	<1
AQ39	713150,728963	23.5	14.5	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}	$\text{PM}_{2.5}$	
AQ40	713369,729099	24.3	14.6	10.4	<1
AQ41	713394,729128	23.6	14.5	10.3	<1
AQ42	713350,729072	24.7	14.6	10.4	<1
AQ43	714372,729091	23.8	14.5	10.3	<1
AQ44	714372,729117	24.7	14.6	10.4	<1
AQ45	714379,729064	24.7	14.6	10.4	<1
AQ46	714419,730390	25.0	14.7	10.4	<1
AQ47	714367,729260	23.7	14.6	10.4	<1
AQ48	714365,729398	23.7	14.6	10.4	<1
AQ49	714367,729218	23.9	14.6	10.4	<1
AQ50	714364,729456	23.7	14.6	10.4	<1
AQ51	714367,729318	23.8	14.6	10.4	<1
AQ52	714402,729345	24.5	14.7	10.4	<1
AQ53	714402,729376	24.3	14.7	10.4	<1
AQ54	714367,729514	24.5	14.6	10.4	<1
AQ55	714338,729575	24.7	14.6	10.4	<1
AQ56	714426,729634	32.8	15.5	10.9	1
AQ57	714422,729576	29.0	15.1	10.7	<1
AQ58	714412,729483	23.8	14.6	10.4	<1
AQ59	714380,729573	26.5	14.8	10.5	<1
AQ60	714422,729539	25.1	14.7	10.4	<1
AQ61	714401,729416	24.5	14.7	10.4	<1
AQ62	714431,729751	26.3	14.9	10.5	<1
AQ63	714379,729745	23.5	14.5	10.3	<1
AQ64	714426,729667	32.4	15.5	10.9	1
AQ65	713833,729615	21.6	14.3	10.2	1
AQ66	713805,729583	21.6	14.3	10.2	1
AQ67	714163,729988	22.2	14.4	10.2	<1
AQ68	714135,729963	22.5	14.4	10.2	<1
AQ69	714380,730076	26.1	14.9	10.5	<1
AQ70	714351,730055	26.9	15.0	10.6	<1
AQ71	714379,730027	26.9	14.8	10.5	<1
AQ72	714122,730001	22.5	14.4	10.2	<1
AQ73	714220,730073	23.8	14.6	10.3	<1
AQ74	714343,730090	24.5	14.6	10.4	<1
AQ75	714359,730159	26.0	14.7	10.4	<1
AQ76	714269,730127	23.2	14.5	10.3	<1
AQ77	714255,730106	23.3	14.5	10.3	<1
AQ78	714390,730113	25.3	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}	$\text{PM}_{2.5}$	
AQ79	714173,730067	22.2	14.4	10.2	<1
AQ80	714198,730041	23.4	14.5	10.3	<1
AQ81	714150,730042	22.2	14.4	10.2	<1
AQ82	714216,730098	22.9	14.4	10.3	<1
AQ83	714394,730195	29.3	15.1	10.6	<1
AQ84	714378,730235	28.1	14.9	10.6	<1
AQ85	714349,730189	27.8	14.9	10.6	<1
AQ86	714311,730191	26.6	14.9	10.5	<1
AQ87	714449,730237	27.0	14.8	10.5	<1
AQ88	714406,730216	30.0	15.1	10.7	<1
AQ89	714516,730270	27.2	15.0	10.6	<1
AQ90	714384,730256	26.9	14.8	10.5	<1
AQ91	714425,730243	29.1	15.0	10.6	<1
AQ92	714426,730345	28.2	15.0	10.6	<1
AQ93	714402,730316	26.4	14.8	10.5	<1
AQ94	714393,730285	26.5	14.8	10.5	<1
AQ95	714543,730322	23.4	14.5	10.3	<1
AQ96	714510,730299	24.3	14.6	10.4	<1
AQ97	714419,730316	29.1	15.1	10.7	<1
AQ98	714407,730265	30.4	15.2	10.7	<1
AQ99	714413,730289	29.5	15.1	10.7	<1
AQ100	714451,730420	26.2	14.9	10.5	<1
AQ101	714447,730400	26.2	14.9	10.6	<1
AQ102	714008,729790	21.4	14.3	10.2	1
AQ103	714022,729805	21.4	14.3	10.2	1
AQ104	714165,729753	21.6	14.3	10.2	1
AQ105	713824,729690	22.1	14.4	10.2	<1
AQ106	713886,729670	21.6	14.3	10.2	1
AQ107	713806,729671	22.1	14.4	10.2	<1
AQ108	714378,729772	23.6	14.5	10.3	<1
AQ109	714362,729870	25.7	14.7	10.5	<1
AQ110	714363,729858	24.8	14.7	10.4	<1
AQ111	713877,729747	22.1	14.4	10.2	<1
AQ112	714416,729790	27.8	15.1	10.7	<1
AQ113	714056,729845	21.5	14.3	10.2	1
AQ114	713931,729810	21.8	14.3	10.2	<1
AQ115	713895,729766	22.0	14.4	10.2	<1
AQ116	713944,729732	21.6	14.3	10.2	1
AQ117	713948,729829	21.8	14.3	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}	$\text{PM}_{2.5}$	
AQ118	714094,729768	21.3	14.2	10.1	1
AQ119	714351,729974	25.1	14.6	10.4	<1
AQ120	714062,729933	23.0	14.5	10.3	<1
AQ121	714095,729932	23.5	14.5	10.3	<1
AQ122	714414,729828	26.4	14.9	10.5	<1
AQ123	714230,729841	22.5	14.4	10.2	<1
AQ124	714389,729959	27.0	14.8	10.5	<1
AQ125	714354,729921	24.3	14.5	10.3	<1
AQ126	714459,730461	26.2	14.9	10.5	<1
AQ127	714615,730352	23.0	14.5	10.3	<1
AQ128	714588,730286	23.4	14.5	10.3	<1
AQ129	714559,730273	23.4	14.5	10.3	<1
AQ130	714617,730298	22.9	14.5	10.3	<1
AQ131	714759,730357	22.4	14.4	10.2	<1
AQ132	714720,730342	22.4	14.4	10.2	<1
AQ133	714794,730371	22.4	14.4	10.2	<1
AQ134	711504,728117	38.2	17.1	11.8	1
AQ135	714487,730884	24.2	14.7	10.4	<1
AQ136	712851,728702	24.1	14.7	10.4	<1
AQ137	712911,728728	23.4	14.6	10.3	<1
AQ138	714558,731040	23.8	14.6	10.3	<1
AQ139	714538,730914	27.4	15.1	10.7	<1
AQ140	714526,730892	27.0	15.1	10.7	<1
AQ141	714542,731006	23.8	14.6	10.3	<1
AQ142	714556,730950	27.9	15.1	10.7	<1
AQ143	714459,730665	29.2	15.5	10.9	1
AQ144	714461,730476	26.4	14.9	10.6	<1
AQ145	714441,730524	24.3	14.6	10.4	<1
AQ146	714511,730863	26.8	15.1	10.6	<1
AQ147	714499,730839	26.6	15.0	10.6	<1
AQ148	714464,730543	27.5	15.2	10.7	<1
AQ149	714444,730550	25.2	14.8	10.5	<1
AQ150	714453,730808	24.2	14.7	10.4	<1
AQ151	714435,730721	23.8	14.6	10.4	<1
AQ152	714438,730774	24.0	14.6	10.4	<1
AQ153	714431,730759	24.3	14.7	10.4	<1
AQ154	714450,730590	23.7	14.6	10.4	<1
AQ155	714448,730655	23.8	14.6	10.4	<1
AQ156	714450,730689	25.6	14.9	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}	$\text{PM}_{2.5}$	
AQ157	714478,730611	25.9	15.0	10.6	<1
AQ158	714486,730815	26.9	15.1	10.7	<1
AQ159	714477,730781	25.9	14.9	10.5	<1
AQ160	714457,730738	25.7	14.9	10.5	<1
AQ161	714478,730863	24.2	14.7	10.4	<1
AQ162	714671,731166	27.3	15.0	10.6	<1
AQ163	714628,731162	27.2	15.0	10.6	<1
AQ164	714646,731575	31.5	15.4	10.8	<1
AQ165	714625,731558	32.2	15.4	10.9	<1
AQ166	714591,731017	28.5	15.2	10.7	<1
AQ167	714566,730968	28.3	15.2	10.7	<1
AQ168	714598,731126	24.2	14.6	10.4	<1
AQ169	714645,731121	27.1	15.0	10.6	<1
AQ170	714657,731426	28.9	15.3	10.8	<1
AQ171	714647,731221	31.6	15.5	10.9	<1
AQ172	714630,731471	25.8	14.8	10.5	<1
AQ173	714654,731516	29.6	15.2	10.7	<1
AQ174	714631,731510	26.8	14.8	10.5	<1
AQ175	714703,731332	27.3	15.0	10.6	<1
AQ176	714666,731306	26.9	14.9	10.5	<1
AQ177	714605,731037	27.1	15.0	10.6	<1
AQ178	714669,731341	26.8	14.9	10.6	<1
AQ179	714665,731366	25.7	14.8	10.5	<1
AQ180	714613,731056	27.6	15.1	10.7	<1
AQ181	714683,731190	30.2	15.3	10.8	<1
AQ182	714658,731410	25.3	14.8	10.5	<1
AQ183	714691,731246	28.4	15.1	10.7	<1
AQ184	714703,731365	27.1	15.0	10.6	<1
AQ185	714689,731396	27.6	15.1	10.6	<1
AQ186	714691,731277	29.2	15.2	10.7	<1
AQ187	714937,730458	25.1	14.7	10.4	<1
AQ188	714970,730446	26.2	14.8	10.5	<1
AQ189	714993,730456	28.4	15.0	10.6	<1
AQ190	714984,730476	29.1	15.1	10.7	<1
AQ191	715008,730506	25.4	14.7	10.4	<1
AQ192	715024,730536	24.3	14.6	10.4	<1
AQ193	715089,730608	22.7	14.4	10.2	<1
AQ194	715076,730579	22.9	14.4	10.3	<1
AQ195	715033,730562	23.7	14.5	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}	$\text{PM}_{2.5}$	
AQ196	715121,730694	22.5	14.4	10.2	<1
AQ197	715105,730663	22.8	14.4	10.3	<1
AQ198	715074,730659	24.0	14.6	10.4	<1
AQ199	715060,730623	23.2	14.5	10.3	<1
AQ200	715142,730748	22.1	14.4	10.2	<1
AQ201	715129,730715	22.4	14.4	10.2	<1
AQ202	712328,728474	24.2	14.7	10.4	<1
AQ203	712506,728571	23.7	14.6	10.4	<1
AQ204	712801,728725	24.4	14.6	10.4	<1
AQ205	712757,728707	26.2	14.8	10.5	<1
AQ206	712762,728653	25.4	14.7	10.4	<1
AQ207	712805,728662	23.7	14.5	10.3	<1
AQ208	715337,731243	21.7	14.3	10.2	<1
AQ209	715314,731318	21.7	14.3	10.2	<1
AQ210	715299,731277	21.7	14.3	10.2	<1
AQ211	715239,731127	22.0	14.3	10.2	<1
AQ212	715304,731163	21.9	14.3	10.2	<1
AQ213	715314,731188	21.8	14.3	10.2	<1
AQ214	715292,731133	22.0	14.3	10.2	<1
AQ215	715232,730976	22.2	14.3	10.2	<1
AQ216	715245,731012	22.3	14.4	10.2	<1
AQ217	715257,731078	23.3	14.4	10.3	<1
AQ218	715272,731210	21.7	14.3	10.2	<1
AQ219	715323,731209	21.8	14.3	10.2	<1
AQ220	715378,731344	21.8	14.3	10.2	<1
AQ221	715364,731309	21.8	14.3	10.2	<1
AQ222	715097,730767	22.1	14.4	10.2	<1
AQ223	715120,730777	22.6	14.5	10.3	<1
AQ224	715120,730825	21.9	14.3	10.2	<1
AQ225	715128,730846	21.9	14.3	10.2	<1
AQ226	715184,730988	22.0	14.3	10.2	<1
AQ227	715190,730872	22.3	14.4	10.2	<1
AQ228	715204,730904	22.9	14.4	10.3	<1
AQ229	715232,731078	23.4	14.5	10.3	<1
AQ230	715141,730879	22.3	14.4	10.2	<1
AQ231	715192,731011	22.0	14.3	10.2	<1
AQ232	715224,730957	22.2	14.3	10.2	<1
AQ233	715169,730947	22.2	14.3	10.2	<1
AQ234	715155,730914	22.8	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}	$\text{PM}_{2.5}$	
AQ235	715348,731384	22.1	14.4	10.2	<1
AQ236	715340,731361	22.0	14.4	10.2	<1
AQ237	715378,731455	23.4	14.5	10.3	<1
AQ238	715182,730847	22.0	14.3	10.2	<1
AQ239	715168,730816	21.9	14.3	10.2	<1
AQ240	715401,731539	24.1	14.6	10.3	<1
AQ241	715401,731406	22.1	14.4	10.2	<1
AQ242	715421,731471	23.3	14.5	10.3	<1
AQ243	715439,731516	26.1	14.8	10.5	<1
AQ244	715573,732087	22.6	14.4	10.3	<1
AQ245	714279,728766	22.0	14.3	10.2	1
AQ246	715566,732023	23.3	14.5	10.3	<1
AQ247	715589,732078	23.0	14.5	10.3	<1
AQ248	715577,732126	22.9	14.5	10.3	<1
AQ249	715605,732127	22.6	14.4	10.2	<1
AQ250	715598,732173	24.6	14.7	10.4	<1
AQ251	715612,732226	23.1	14.5	10.3	<1
AQ252	715567,732221	22.3	14.3	10.2	<1
AQ253	715607,732187	23.2	14.5	10.3	<1
AQ254	714934,730435	23.8	14.5	10.3	<1
AQ255	714906,730412	22.7	14.4	10.2	<1
AQ256	714926,730419	23.0	14.4	10.3	<1
AQ257	714750,730413	24.1	14.6	10.4	<1
AQ258	714874,730458	23.3	14.5	10.3	<1
AQ259	714821,730441	23.2	14.5	10.3	<1
AQ260	714879,730402	22.5	14.4	10.2	<1
AQ261	714616,731584	27.8	14.9	10.6	<1
AQ262	714617,731609	26.2	14.7	10.5	<1
AQ263	714640,731615	30.4	15.2	10.8	<1
AQ264	714628,731668	26.3	14.8	10.5	<1
AQ265	714662,731688	30.5	15.2	10.8	<1
AQ266	714655,731662	32.0	15.4	10.9	<1
AQ267	714642,731633	30.9	15.3	10.8	<1
AQ268	715504,731583	25.3	14.7	10.4	<1
AQ269	715510,731547	24.9	14.7	10.4	<1
AQ270	715474,731556	26.9	14.9	10.5	<1
AQ271	715545,731569	26.1	14.8	10.5	<1
AQ272	715565,731807	25.6	14.7	10.4	<1
AQ273	715555,731672	27.3	14.9	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}	$\text{PM}_{2.5}$	
AQ274	715559,731735	25.8	14.7	10.4	<1
AQ275	715557,731695	26.2	14.8	10.5	<1
AQ276	715562,731756	25.5	14.7	10.4	<1
AQ277	715537,731815	25.2	14.7	10.4	<1
AQ278	715536,731734	24.9	14.6	10.4	<1
AQ279	715544,731749	27.0	14.8	10.5	<1
AQ280	715550,731624	28.3	15.1	10.7	<1
AQ281	715528,731690	24.6	14.6	10.4	<1
AQ282	715525,731657	25.5	14.7	10.4	<1
AQ283	715568,731843	24.9	14.7	10.4	<1
AQ284	715571,731878	24.5	14.7	10.4	<1
AQ285	714312,728772	23.2	14.4	10.3	<1
AQ286	714337,728755	24.7	14.6	10.4	<1
AQ287	715587,732328	22.6	14.4	10.2	<1
AQ288	715620,732332	23.3	14.5	10.3	<1
AQ289	714315,728795	24.2	14.5	10.3	<1
AQ290	715601,732421	24.2	14.6	10.3	<1
AQ291	715626,732401	24.0	14.6	10.3	<1
AQ292	715599,732390	23.8	14.5	10.3	<1
AQ293	715618,732297	23.5	14.5	10.3	<1
AQ294	715624,732381	23.6	14.6	10.3	<1
AQ295	715596,732360	23.7	14.6	10.4	<1
AQ296	715607,732475	27.3	14.8	10.5	<1
AQ297	715628,732456	25.8	14.8	10.5	<1
AQ298	715628,732430	24.6	14.6	10.4	<1
AQ299	715592,732582	28.2	15.0	10.6	<1
AQ300	715613,732580	29.9	15.3	10.8	<1
AQ301	715628,732545	30.1	15.2	10.7	<1
AQ302	715615,732562	30.5	15.3	10.8	<1
AQ303	715599,732543	31.0	15.3	10.8	<1
AQ304	714523,728542	21.7	14.3	10.2	1
AQ305	714646,728539	30.1	15.4	10.8	<1
AQ306	715543,731935	23.5	14.5	10.3	<1
AQ307	715564,732001	23.0	14.5	10.3	<1
AQ308	715592,732013	22.9	14.4	10.3	<1
AQ309	715585,731918	23.4	14.5	10.3	<1
AQ310	714427,728629	21.6	14.2	10.1	1
AQ311	714380,728678	22.1	14.3	10.2	<1
AQ312	714466,728594	21.7	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}	$\text{PM}_{2.5}$	
AQ313	715593,732673	29.5	15.3	10.8	<1
AQ314	715598,732649	29.6	15.3	10.8	<1
AQ315	715586,732617	28.2	15.0	10.6	<1
AQ316	715609,732606	29.6	15.2	10.7	<1
AQ317	715567,732733	34.8	15.6	11.0	1
AQ318	715551,733063	28.8	15.3	10.7	<1
AQ319	715541,733159	28.6	15.3	10.8	<1
AQ320	715550,733100	28.9	15.3	10.8	<1
AQ321	715545,733145	28.6	15.2	10.7	<1
AQ322	715527,733108	28.3	15.1	10.7	<1
AQ323	715526,733215	28.9	15.2	10.7	<1
AQ324	715520,733260	29.0	15.2	10.7	<1
AQ325	715479,733323	35.3	15.8	11.1	1
AQ326	715467,733351	33.5	15.7	11.0	1
AQ327	715505,733227	28.2	15.1	10.7	<1
AQ328	715511,733317	32.7	15.7	11.0	1
AQ329	715510,733290	30.5	15.4	10.8	<1
AQ330	715501,733256	28.6	15.2	10.7	<1
AQ331	715489,733277	28.5	15.1	10.7	<1
AQ332	715592,732740	27.4	14.8	10.5	<1
AQ333	715594,732766	30.6	15.2	10.7	<1
AQ334	715609,732714	25.3	14.6	10.4	<1
AQ335	715555,732801	41.5	16.5	11.5	1
AQ336	715538,732893	33.7	15.6	10.9	1
AQ337	715548,732841	37.0	15.9	11.2	1
AQ338	715528,732933	31.5	15.4	10.9	<1
AQ339	715550,732972	31.1	15.5	10.9	<1
AQ340	715549,732946	32.6	15.6	11.0	1
AQ341	715552,732925	34.7	15.7	11.1	1
AQ342	715525,733017	28.5	15.2	10.7	<1
AQ343	715552,733030	29.1	15.3	10.8	<1
AQ344	715549,733001	30.1	15.4	10.8	<1
AQ345	715558,733878	31.9	15.7	11.0	1
AQ346	715550,733850	32.6	15.8	11.1	1
AQ347	715534,733818	34.0	15.9	11.1	1
AQ348	715543,733798	34.9	16.0	11.2	1
AQ349	715570,733849	33.7	16.0	11.2	1
AQ350	715554,733816	34.6	16.0	11.2	1
AQ351	715580,733962	33.6	15.7	11.0	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}	$\text{PM}_{2.5}$	
AQ352	715581,733942	35.3	16.1	11.3	1
AQ353	715585,733922	33.2	15.9	11.1	1
AQ354	715579,733991	33.2	15.6	11.0	1
AQ355	715561,734027	32.5	15.5	10.9	1
AQ356	715577,734015	33.9	15.7	11.0	1
AQ357	715588,734078	36.9	16.0	11.2	1
AQ358	715565,734073	38.1	16.2	11.3	1
AQ359	715633,734086	34.8	15.8	11.1	1
AQ360	715198,733939	37.2	16.3	11.4	1
AQ361	715190,733766	39.2	16.6	11.6	1
AQ362	715263,733791	25.0	14.7	10.4	<1
AQ363	715312,733689	27.6	15.0	10.6	<1
AQ364	715192,733670	40.2	16.8	11.7	1
AQ365	715375,733705	27.1	14.9	10.6	<1
AQ366	715625,733645	25.7	14.7	10.4	<1
AQ367	715542,733495	24.5	14.6	10.4	<1
AQ368	715582,733478	25.9	14.8	10.5	<1
AQ369	715561,733437	26.3	14.9	10.5	<1
AQ370	715589,733351	38.0	16.5	11.5	1
AQ371	715547,733322	31.8	15.6	10.9	1
AQ372	715506,733370	33.8	15.9	11.1	1
AQ373	715434,733477	25.3	14.7	10.4	<1
AQ374	715403,733522	26.8	14.8	10.5	<1
AQ375	715407,733559	26.3	14.8	10.5	<1
AQ376	715245,733510	31.4	15.5	10.9	1
AQ377	715372,733360	31.6	15.6	11.0	1
AQ378	715265,733291	29.6	15.2	10.7	<1
AQ379	715286,733094	26.6	14.9	10.5	<1
AQ380	715410,733084	23.8	14.5	10.3	<1
AQ381	715306,732923	26.7	14.9	10.5	<1
AQ382	715436,732955	26.3	14.7	10.5	<1
AQ383	715186,733394	32.4	15.5	10.9	1
AQ384	715054,733468	42.5	16.6	11.6	1
AQ385	715026,733416	30.7	15.3	10.8	<1
AQ386	715025,733184	33.1	15.8	11.1	1
AQ387	715610,732912	36.0	16.0	11.2	1
AQ388	715750,732934	26.2	14.8	10.5	<1
AQ389	715966,732916	26.1	14.8	10.5	<1
AQ390	715663,732808	29.7	15.2	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}	
AQ391	715963,732820	28.4	15.2	10.7	<1
AQ392	715780,732690	28.5	15.1	10.7	<1
AQ393	715829,732595	26.8	14.9	10.5	<1
AQ394	715889,732519	31.6	15.4	10.9	<1
AQ395	716046,732576	25.2	14.7	10.4	<1
AQ396	716211,732645	24.9	14.7	10.4	<1
AQ397	716325,732791	34.8	15.8	11.1	1
AQ398	716370,732708	35.0	15.7	11.0	1
AQ399	716454,732738	30.7	15.3	10.8	<1
AQ400	716565,732771	23.8	14.5	10.3	<1
AQ401	716457,732655	33.1	15.6	10.9	1
AQ402	716413,732596	31.5	15.6	10.9	1
AQ403	715695,732403	22.6	14.4	10.2	<1
AQ404	715667,732466	25.1	14.6	10.4	<1
AQ405	715732,732330	22.1	14.3	10.2	<1
AQ406	715778,732245	22.1	14.3	10.2	<1
AQ407	715775,732197	22.7	14.4	10.2	<1
AQ408	715652,732184	22.8	14.4	10.2	<1
AQ409	715628,731679	26.1	14.8	10.5	<1
AQ410	715549,731535	24.3	14.6	10.4	<1
AQ411	714997,730387	25.3	14.7	10.4	<1
AQ412	714558,729587	26.4	15.0	10.6	<1
AQ413	714245,728611	23.6	14.5	10.3	<1
AQ414	713582,728669	26.4	14.8	10.5	<1
AQ415	713370,728946	23.6	14.6	10.3	<1
AQ416	713465,728912	23.8	14.6	10.3	<1
AQ417	714280,729502	23.2	14.5	10.3	<1
AQ418	714282,729246	22.5	14.4	10.2	<1
AQ419	713605,728840	26.1	14.8	10.5	<1
AQ420	712742,728543	25.7	14.9	10.5	<1
AQ421	712624,727889	23.1	14.5	10.3	<1
AQ422	712593,728173	24.7	14.7	10.4	<1
AQ423	711079,727940	38.9	17.4	12.0	1
AQ424	711786,728583	26.2	15.0	10.6	<1
AQ425	711639,728709	26.0	15.0	10.6	<1
AQ426	711612,729013	23.4	14.6	10.3	<1
AQ427	711770,729303	25.2	14.9	10.5	<1
AQ428	712673,728837	23.5	14.5	10.3	<1
AQ429	712641,729186	23.3	14.5	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}	$\text{PM}_{2.5}$	
AQ430	712854,729281	22.5	14.4	10.3	<1
AQ431	713220,729086	23.7	14.5	10.3	<1
AQ432	712786,729453	24.4	14.7	10.4	<1
AQ433	712854,729650	23.1	14.5	10.3	<1
AQ434	712956,730021	22.8	14.5	10.3	<1
AQ435	713168,730321	23.4	14.6	10.4	<1
AQ436	713280,730426	26.2	14.9	10.6	<1
AQ437	713447,730377	21.8	14.3	10.2	<1
AQ438	713745,730309	22.1	14.4	10.2	<1
AQ439	714109,730254	22.8	14.5	10.3	<1
AQ440	714261,730188	24.2	14.6	10.4	<1
AQ441	714282,730044	23.2	14.4	10.3	<1
AQ442	715299,731408	23.1	14.5	10.3	<1
AQ443	714821,731290	23.7	14.5	10.3	<1
AQ444	714506,731249	27.2	15.0	10.6	<1
AQ445	714467,731163	25.0	14.8	10.5	<1
AQ446	714243,731093	24.5	14.7	10.4	<1
AQ447	714023,731139	23.8	14.6	10.4	<1
AQ448	714864,731531	22.6	14.4	10.2	<1
AQ449	714569,731741	22.6	14.4	10.2	<1
AQ450	714686,731805	25.9	14.7	10.4	<1
AQ451	714669,732015	23.1	14.4	10.3	<1
AQ452	714757,732148	27.2	14.9	10.5	<1
AQ453	715474,732459	25.1	14.6	10.4	<1
AQ454	715321,732438	26.4	14.7	10.4	<1
AQ455	715178,732425	25.9	14.9	10.5	<1
AQ456	714999,732403	24.5	14.7	10.4	<1
AQ457	714843,732402	41.3	16.9	11.7	1
AQ458	714721,732409	23.8	14.5	10.3	<1
AQ459	714612,732426	23.5	14.5	10.3	<1
AQ460	714885,732472	36.6	16.1	11.3	1
AQ461	714863,732553	29.5	15.4	10.8	<1
AQ462	714871,732667	36.7	16.0	11.2	1
AQ463	714899,732730	46.6	17.2	11.9	1
AQ464	714775,732703	41.3	17.1	11.8	1
AQ465	714598,732636	33.1	15.9	11.2	1
AQ466	714866,732814	38.9	16.3	11.4	1
AQ467	715146,732757	26.2	14.9	10.5	<1
AQ468	715423,732748	28.7	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}	
AQ469	715518,732644	23.7	14.5	10.3	<1
AQ470	715434,732633	24.4	14.5	10.3	<1
AQ471	715364,733592	25.2	14.6	10.4	<1
AQ472	715453,733284	25.2	14.7	10.4	<1
AQ473	715278,733181	29.3	15.1	10.7	<1
AQ474	715375,733024	23.9	14.5	10.3	<1
AQ475	715327,732773	33.0	15.7	11.0	1
AQ476	715949,732398	27.0	14.9	10.5	<1
AQ477	715760,732539	25.1	14.6	10.4	<1
AQ478	713831,729489	21.2	14.2	10.1	1
AQ479	714680,730812	24.2	14.6	10.4	<1
AQ480	714622,730952	24.3	14.6	10.4	<1
AQ481	714721,731106	25.7	14.8	10.5	<1
AQ482	715399,732403	24.0	14.5	10.3	<1
AQ483	712492,728167	23.9	14.6	10.4	<1
AQ484	715632,734262	42.4	17.0	11.8	1
AQ485	715512,734227	42.4	17.1	11.9	1
AQ486	716170,734439	49.4	17.8	12.3	1
AQ487	716045,734420	41.9	17.0	11.8	1
AQ488	715959,734385	44.8	17.0	11.8	1
AQ489	715900,734357	41.0	16.5	11.5	1
AQ490	715740,734300	42.0	16.9	11.8	1
AQ491	715810,734074	31.9	15.4	10.8	<1
AQ492	716586,732473	31.3	15.4	10.9	<1
AQ493	716343,732539	24.3	14.6	10.4	<1
AQ494	716420,732347	22.5	14.4	10.2	<1
AQ495	716572,732103	26.2	14.8	10.5	<1
AQ496	716463,732062	26.5	14.9	10.5	<1
AQ497	716449,731864	33.8	15.8	11.1	1
AQ498	716349,731940	31.5	15.3	10.8	<1
AQ499	716270,731982	31.9	15.4	10.9	<1
AQ500	716087,731894	27.3	15.0	10.6	<1
AQ501	716136,732144	27.6	15.0	10.6	<1
AQ502	716027,732328	28.0	15.0	10.6	<1
AQ503	715904,731787	28.5	15.2	10.7	<1
AQ504	715677,731644	23.9	14.5	10.3	<1
AQ505	715745,731456	24.7	14.6	10.4	<1
AQ506	715613,731390	25.2	14.8	10.5	<1
AQ507	715181,730552	24.5	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}	$\text{PM}_{2.5}$	
AQ508	715589,730630	22.7	14.4	10.3	<1
AQ509	715702,730608	25.1	14.7	10.4	<1
AQ510	715794,730479	25.1	14.8	10.5	<1
AQ511	715930,730194	27.5	15.1	10.6	<1
AQ512	715614,730003	24.2	14.6	10.4	<1
AQ513	715364,729916	28.6	15.2	10.7	<1
AQ514	715276,729944	24.5	14.6	10.4	<1
AQ515	715290,730046	23.2	14.5	10.3	<1
AQ516	715170,730135	24.4	14.7	10.4	<1
AQ517	715023,730302	24.2	14.6	10.3	<1
AQ518	714747,729597	24.7	14.7	10.4	<1
AQ519	715125,729528	22.4	14.4	10.2	<1
AQ520	715271,729489	23.0	14.4	10.3	<1
AQ521	714498,728147	22.9	14.5	10.3	<1
AQ522	714487,728032	23.6	14.6	10.4	<1
AQ523	714504,727735	22.8	14.5	10.3	<1
AQ524	714394,727586	22.7	14.4	10.2	<1
AQ525	714146,728325	25.6	14.9	10.5	<1
AQ526	713918,728251	22.1	14.3	10.2	<1
AQ527	713770,728229	21.6	14.3	10.2	1
AQ528	713806,728553	21.8	14.3	10.2	1
AQ529	713823,728718	23.2	14.5	10.3	<1
AQ530	713258,728529	23.9	14.7	10.4	<1
AQ531	712763,728380	25.3	14.8	10.5	<1
AQ532	712824,728144	22.9	14.5	10.3	<1
AQ533	712997,727979	22.4	14.4	10.3	<1
AQ534	713343,727868	21.6	14.3	10.2	<1
AQ535	711995,727854	24.8	14.8	10.5	<1
AQ536	711562,727650	35.4	16.7	11.6	1
AQ537	711058,727381	24.0	14.7	10.4	<1
AQ538	710588,727644	23.5	14.7	10.4	<1
AQ539	710817,727804	27.8	15.3	10.8	<1
AQ540	715093,731372	23.1	14.5	10.3	<1
AQ541	715187,731752	22.6	14.4	10.2	<1
AQ542	711291,727649	29.6	15.7	11.0	1
AQ543	711052,728045	27.9	15.4	10.8	<1
AQ544	714401,730485	22.6	14.4	10.2	<1
AQ545	715604,731458	22.4	14.4	10.2	<1
AQ546	714609,728344	20.9	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}	$\text{PM}_{2.5}$	
AQ547	712429,728529	23.5	14.6	10.3	<1
AQ548	713667,729497	26.1	14.9	10.5	<1
AQ549	713726,729649	21.3	14.2	10.1	1
AQ550	713514,729333	26.5	14.9	10.6	<1
AQ551	713804,729826	21.0	14.2	10.1	1
AQ552	714407,728609	21.3	14.2	10.1	1
AQ553	714516,728566	22.6	14.4	10.2	<1
AQ554	714188,730289	21.9	14.3	10.2	<1
AQ555	715134,731320	21.8	14.3	10.2	1
AQ556	714941,730695	23.3	14.5	10.3	<1
AQ557	715471,732201	21.5	14.2	10.1	1
AQ558	715430,731892	21.7	14.3	10.2	1
AQ559	715472,732158	21.9	14.3	10.2	1
AQ560	715186,731303	21.6	14.3	10.2	1
AQ561	715281,731576	22.2	14.3	10.2	<1
AQ562	715301,731445	27.6	15.1	10.6	<1
AQ563	715387,731526	24.2	14.6	10.4	<1
AQ564	713419,729131	22.6	14.4	10.2	<1
AQ565	713495,729279	23.7	14.6	10.4	<1
AQ566	715110,731002	21.6	14.3	10.2	1
AQ567	715477,731947	22.2	14.3	10.2	<1
AQ568	715437,732107	21.7	14.3	10.2	1
AQ569	715793,732463	23.2	14.4	10.3	<1
AQ570	715436,733656	24.5	14.6	10.4	<1
AQ571	715567,732856	53.4	17.6	12.3	1
AQ572	715646,732542	25.1	14.6	10.4	<1
AQ573	715578,731474	23.2	14.5	10.3	<1
AQ574	715716,734090	40.9	16.6	11.6	1
AQ575	715611,734049	33.9	15.7	11.0	1
AQ576	715586,734171	24.9	14.6	10.4	<1
AQ577	715449,734173	46.6	17.2	12.0	1
AQ578	715477,732917	25.9	14.7	10.4	<1
AQ579	715417,732871	25.8	14.7	10.4	<1
AQ580	715417,733716	31.3	15.3	10.8	<1
AQ581	715633,733696	25.7	14.8	10.5	<1
AQ582	715505,733658	35.4	16.0	11.2	1
AQ583	715635,733950	26.7	14.9	10.6	<1
AQ584	715594,733943	37.2	16.4	11.5	1
AQ585	715377,733743	28.3	15.1	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}	$\text{PM}_{2.5}$	
AQ586	712412,728403	22.0	14.4	10.2	<1
AQ587	712361,728433	22.4	14.4	10.2	<1
AQ588	714324,729142	22.3	14.3	10.2	<1
AQ589	712204,728642	22.1	14.4	10.2	<1
AQ590	712458,728492	22.3	14.4	10.2	<1
AQ591	712480,728470	22.1	14.4	10.2	<1
AQ592	715657,733054	25.7	14.7	10.4	<1
AQ593	715334,732910	29.5	15.2	10.7	<1
AQ594	715632,732945	25.9	14.7	10.4	<1
AQ595	715414,733176	23.5	14.5	10.3	<1
AQ596	715603,733302	28.6	15.1	10.7	<1
AQ597	712470,729550	22.4	14.4	10.2	<1
AQ598	715405,733325	34.6	16.2	11.3	1
AQ599	716121,732801	25.0	14.7	10.4	<1
AQ600	711059,728221	27.9	15.4	10.8	<1
Air Quality Limit Value Objective		40	40	25	35

In the cumulative 2028 DS scenario annual mean concentrations of NO_2 are above the relevant national air quality limit value objective in some areas; 16 exceedances were modelled at receptors on the R105 Burgh Quay, R110 Kevin St Lower, R114 Richmond St South/South Great George's St, R137 Clanbrassil St Lower/ Clanbrassil St Upper/Dame St/Harold's Cross Rd/New St South, R148 Aston Quay/Wellington Quay and R811 South Circular Rd.. This is no change from 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 is 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 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 $\text{PM}_{2.5}$ 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	2.5	0.2	0.2	<1	Moderate Adverse	Negligible	Negligible
AQ2	721010,729636	-0.5	-0.1	-0.1	<1	Negligible	Negligible	Negligible
AQ3	721010,729637	-2.4	-0.3	-0.2	<1	Slight Beneficial	Negligible	Negligible
AQ4	721010,729638	-2.3	-0.3	-0.2	<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}	$\text{PM}_{2.5}$
AQ5	721010,729639	-3.3	-0.4	-0.3	<1	Slight Beneficial	Negligible	Negligible
AQ6	721010,729640	-4.0	-0.5	-0.3	<1	Moderate Beneficial	Negligible	Negligible
AQ7	721010,729641	-3.7	-0.5	-0.3	<1	Slight Beneficial	Negligible	Negligible
AQ8	721010,729642	-4.5	-0.8	-0.5	<1	Moderate Beneficial	Negligible	Negligible
AQ9	721010,729643	-4.1	-0.7	-0.4	<1	Moderate Beneficial	Negligible	Negligible
AQ10	721010,729644	-2.7	-0.5	-0.3	<1	Slight Beneficial	Negligible	Negligible
AQ11	721010,729645	-2.7	-0.5	-0.3	<1	Moderate Beneficial	Negligible	Negligible
AQ12	721010,729646	-2.8	-0.4	-0.2	<1	Slight Beneficial	Negligible	Negligible
AQ13	721010,729647	-2.8	-0.4	-0.2	<1	Slight Beneficial	Negligible	Negligible
AQ14	721010,729648	-1.8	-0.3	-0.2	<1	Negligible	Negligible	Negligible
AQ15	721010,729649	-2.5	-0.4	-0.2	<1	Negligible	Negligible	Negligible
AQ16	721010,729650	-2.4	-0.3	-0.2	<1	Negligible	Negligible	Negligible
AQ17	721010,729651	-2.4	-0.3	-0.2	<1	Negligible	Negligible	Negligible
AQ18	721010,729652	-4.4	-0.6	-0.4	<1	Slight Beneficial	Negligible	Negligible
AQ19	721010,729653	-2.2	-0.3	-0.2	<1	Negligible	Negligible	Negligible
AQ20	721010,729654	-1.9	-0.3	-0.2	<1	Negligible	Negligible	Negligible
AQ21	721010,729655	-2.3	-0.2	-0.1	<1	Negligible	Negligible	Negligible
AQ22	721010,729656	-2.2	-0.3	-0.2	<1	Negligible	Negligible	Negligible
AQ23	721010,729657	-2.3	-0.2	-0.2	<1	Negligible	Negligible	Negligible
AQ24	721010,729658	-2.4	-0.2	-0.2	<1	Negligible	Negligible	Negligible
AQ25	721010,729659	-1.3	-0.2	-0.1	<1	Negligible	Negligible	Negligible
AQ26	721010,729660	-1.9	-0.3	-0.2	<1	Negligible	Negligible	Negligible
AQ27	721010,729661	-1.7	-0.2	-0.1	<1	Negligible	Negligible	Negligible
AQ28	721010,729662	-2.2	-0.3	-0.2	<1	Negligible	Negligible	Negligible
AQ29	721010,729663	-2.5	-0.4	-0.2	<1	Negligible	Negligible	Negligible
AQ30	721010,729664	-3.0	-0.4	-0.3	<1	Negligible	Negligible	Negligible
AQ31	721010,729665	-2.5	-0.3	-0.2	<1	Negligible	Negligible	Negligible
AQ32	721010,729666	-1.8	-0.3	-0.2	<1	Negligible	Negligible	Negligible
AQ33	721010,729667	-3.8	-0.6	-0.4	<1	Negligible	Negligible	Negligible
AQ34	721010,729668	-2.2	-0.3	-0.2	<1	Negligible	Negligible	Negligible
AQ35	721010,729669	-2.7	-0.3	-0.2	<1	Negligible	Negligible	Negligible
AQ36	721010,729670	-0.7	-0.1	<0.1	<1	Negligible	Negligible	Negligible
AQ37	721010,729671	-1.8	-0.2	-0.1	<1	Negligible	Negligible	Negligible
AQ38	721010,729672	-2.4	-0.3	-0.2	<1	Negligible	Negligible	Negligible
AQ39	721010,729673	-2.0	-0.3	-0.2	<1	Negligible	Negligible	Negligible
AQ40	721010,729674	-1.8	-0.2	-0.1	<1	Negligible	Negligible	Negligible
AQ41	721010,729675	-1.7	-0.2	-0.1	<1	Negligible	Negligible	Negligible
AQ42	721010,729676	-1.8	-0.2	-0.1	<1	Negligible	Negligible	Negligible
AQ43	721010,729677	-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}	$\text{PM}_{2.5}$
AQ44	721010,729678	-0.2	<0.1	<0.1	<1	Negligible	Negligible	Negligible
AQ45	721010,729679	-0.2	<0.1	<0.1	<1	Negligible	Negligible	Negligible
AQ46	721010,729680	-0.7	-0.1	-0.1	<1	Negligible	Negligible	Negligible
AQ47	721010,729681	-0.1	<0.1	<0.1	<1	Negligible	Negligible	Negligible
AQ48	721010,729682	-0.2	<0.1	<0.1	<1	Negligible	Negligible	Negligible
AQ49	721010,729683	-0.2	<0.1	<0.1	<1	Negligible	Negligible	Negligible
AQ50	721010,729684	-0.2	<0.1	<0.1	<1	Negligible	Negligible	Negligible
AQ51	721010,729685	-0.1	<0.1	<0.1	<1	Negligible	Negligible	Negligible
AQ52	721010,729686	-0.3	<0.1	<0.1	<1	Negligible	Negligible	Negligible
AQ53	721010,729687	-0.3	<0.1	<0.1	<1	Negligible	Negligible	Negligible
AQ54	721010,729688	<0.1	<0.1	<0.1	<1	Negligible	Negligible	Negligible
AQ55	721010,729689	0.7	<0.1	<0.1	<1	Negligible	Negligible	Negligible
AQ56	721010,729690	0.5	<0.1	<0.1	<1	Negligible	Negligible	Negligible
AQ57	721010,729691	0.3	<0.1	<0.1	<1	Negligible	Negligible	Negligible
AQ58	721010,729692	-0.2	<0.1	<0.1	<1	Negligible	Negligible	Negligible
AQ59	721010,729693	0.4	<0.1	<0.1	<1	Negligible	Negligible	Negligible
AQ60	721010,729694	<0.1	<0.1	<0.1	<1	Negligible	Negligible	Negligible
AQ61	721010,729695	-0.4	<0.1	<0.1	<1	Negligible	Negligible	Negligible
AQ62	721010,729696	0.2	<0.1	<0.1	<1	Negligible	Negligible	Negligible
AQ63	721010,729697	0.1	<0.1	<0.1	<1	Negligible	Negligible	Negligible
AQ64	721010,729698	0.3	<0.1	<0.1	<1	Negligible	Negligible	Negligible
AQ65	721010,729699	-1.2	-0.2	-0.1	<1	Negligible	Negligible	Negligible
AQ66	721010,729700	-1.2	-0.2	-0.1	<1	Negligible	Negligible	Negligible
AQ67	721010,729701	-1.4	-0.2	-0.1	<1	Negligible	Negligible	Negligible
AQ68	721010,729702	-1.7	-0.2	-0.1	<1	Negligible	Negligible	Negligible
AQ69	721010,729703	-0.3	-0.1	<0.1	<1	Negligible	Negligible	Negligible
AQ70	721010,729704	-0.3	-0.1	-0.1	<1	Negligible	Negligible	Negligible
AQ71	721010,729705	0.6	-0.1	<0.1	<1	Negligible	Negligible	Negligible
AQ72	721010,729706	-1.9	-0.3	-0.2	<1	Negligible	Negligible	Negligible
AQ73	721010,729707	-4.6	-0.6	-0.4	<1	Slight Beneficial	Negligible	Negligible
AQ74	721010,729708	-0.2	-0.1	<0.1	<1	Negligible	Negligible	Negligible
AQ75	721010,729709	-0.8	-0.1	-0.1	<1	Negligible	Negligible	Negligible
AQ76	721010,729710	-3.3	-0.4	-0.3	<1	Negligible	Negligible	Negligible
AQ77	721010,729711	-3.7	-0.5	-0.3	<1	Negligible	Negligible	Negligible
AQ78	721010,729712	-0.6	-0.1	-0.1	<1	Negligible	Negligible	Negligible
AQ79	721010,729713	-1.5	-0.2	-0.1	<1	Negligible	Negligible	Negligible
AQ80	721010,729714	-1.8	-0.3	-0.2	<1	Negligible	Negligible	Negligible
AQ81	721010,729715	-1.4	-0.2	-0.1	<1	Negligible	Negligible	Negligible
AQ82	721010,729716	-3.2	-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}	$\text{PM}_{2.5}$
AQ83	721010,729717	-1.8	-0.3	-0.2	<1	Negligible	Negligible	Negligible
AQ84	721010,729718	-2.4	-0.3	-0.2	<1	Slight Beneficial	Negligible	Negligible
AQ85	721010,729719	-4.2	-0.4	-0.3	<1	Slight Beneficial	Negligible	Negligible
AQ86	721010,729720	-4.0	-0.5	-0.3	<1	Slight Beneficial	Negligible	Negligible
AQ87	721010,729721	-2.5	-0.4	-0.2	<1	Negligible	Negligible	Negligible
AQ88	721010,729722	-2.7	-0.4	-0.3	<1	Slight Beneficial	Negligible	Negligible
AQ89	721010,729723	-6.1	-0.7	-0.4	<1	Slight Beneficial	Negligible	Negligible
AQ90	721010,729724	-1.5	-0.2	-0.1	<1	Negligible	Negligible	Negligible
AQ91	721010,729725	-2.7	-0.4	-0.3	<1	Slight Beneficial	Negligible	Negligible
AQ92	721010,729726	0.4	-0.1	<0.1	<1	Negligible	Negligible	Negligible
AQ93	721010,729727	-0.4	-0.1	-0.1	<1	Negligible	Negligible	Negligible
AQ94	721010,729728	-0.8	-0.2	-0.1	<1	Negligible	Negligible	Negligible
AQ95	721010,729729	-1.8	-0.2	-0.1	<1	Negligible	Negligible	Negligible
AQ96	721010,729730	-2.4	-0.3	-0.2	<1	Negligible	Negligible	Negligible
AQ97	721010,729731	0.6	-0.1	<0.1	<1	Negligible	Negligible	Negligible
AQ98	721010,729732	0.2	-0.1	-0.1	<1	Negligible	Negligible	Negligible
AQ99	721010,729733	0.4	-0.1	-0.1	<1	Negligible	Negligible	Negligible
AQ100	721010,729734	-0.5	-0.1	<0.1	<1	Negligible	Negligible	Negligible
AQ101	721010,729735	-0.4	-0.1	<0.1	<1	Negligible	Negligible	Negligible
AQ102	721010,729736	-0.9	-0.1	-0.1	<1	Negligible	Negligible	Negligible
AQ103	721010,729737	-0.9	-0.1	-0.1	<1	Negligible	Negligible	Negligible
AQ104	721010,729738	-0.2	<0.1	<0.1	<1	Negligible	Negligible	Negligible
AQ105	721010,729739	-1.8	-0.2	-0.1	<1	Negligible	Negligible	Negligible
AQ106	721010,729740	-1.1	-0.1	-0.1	<1	Negligible	Negligible	Negligible
AQ107	721010,729741	-1.8	-0.2	-0.1	<1	Negligible	Negligible	Negligible
AQ108	721010,729742	<0.1	<0.1	<0.1	<1	Negligible	Negligible	Negligible
AQ109	721010,729743	-1.2	-0.1	-0.1	<1	Negligible	Negligible	Negligible
AQ110	721010,729744	-0.8	-0.1	-0.1	<1	Negligible	Negligible	Negligible
AQ111	721010,729745	-1.8	-0.2	-0.1	<1	Negligible	Negligible	Negligible
AQ112	721010,729746	0.2	-0.1	<0.1	<1	Negligible	Negligible	Negligible
AQ113	721010,729747	-1.0	-0.1	-0.1	<1	Negligible	Negligible	Negligible
AQ114	721010,729748	-1.6	-0.2	-0.1	<1	Negligible	Negligible	Negligible
AQ115	721010,729749	-1.8	-0.2	-0.1	<1	Negligible	Negligible	Negligible
AQ116	721010,729750	-1.1	-0.1	-0.1	<1	Negligible	Negligible	Negligible
AQ117	721010,729751	-1.6	-0.2	-0.1	<1	Negligible	Negligible	Negligible
AQ118	721010,729752	-0.4	-0.1	<0.1	<1	Negligible	Negligible	Negligible
AQ119	721010,729753	0.1	-0.1	-0.1	<1	Negligible	Negligible	Negligible
AQ120	721010,729754	-2.3	-0.3	-0.2	<1	Negligible	Negligible	Negligible
AQ121	721010,729755	-2.7	-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}	$\text{PM}_{2.5}$
AQ122	721010,729756	0.1	-0.1	<0.1	<1	Negligible	Negligible	Negligible
AQ123	721010,729757	-0.7	-0.1	-0.1	<1	Negligible	Negligible	Negligible
AQ124	721010,729758	0.4	-0.1	-0.1	<1	Negligible	Negligible	Negligible
AQ125	721010,729759	-0.2	-0.1	<0.1	<1	Negligible	Negligible	Negligible
AQ126	721010,729760	-0.4	<0.1	<0.1	<1	Negligible	Negligible	Negligible
AQ127	721010,729761	-1.9	-0.3	-0.2	<1	Negligible	Negligible	Negligible
AQ128	721010,729762	-1.7	-0.2	-0.1	<1	Negligible	Negligible	Negligible
AQ129	721010,729763	-1.8	-0.2	-0.1	<1	Negligible	Negligible	Negligible
AQ130	721010,729764	-1.7	-0.2	-0.1	<1	Negligible	Negligible	Negligible
AQ131	721010,729765	-1.4	-0.2	-0.1	<1	Negligible	Negligible	Negligible
AQ132	721010,729766	-1.5	-0.2	-0.1	<1	Negligible	Negligible	Negligible
AQ133	721010,729767	-1.3	-0.2	-0.1	<1	Negligible	Negligible	Negligible
AQ134	721010,729768	-3.4	-0.7	-0.4	<1	Moderate Beneficial	Negligible	Negligible
AQ135	721010,729769	-0.1	<0.1	<0.1	<1	Negligible	Negligible	Negligible
AQ136	721010,729770	-2.5	-0.4	-0.2	<1	Negligible	Negligible	Negligible
AQ137	721010,729771	-2.2	-0.3	-0.2	<1	Negligible	Negligible	Negligible
AQ138	721010,729772	-2.6	-0.3	-0.2	<1	Negligible	Negligible	Negligible
AQ139	721010,729773	-0.7	-0.1	-0.1	<1	Negligible	Negligible	Negligible
AQ140	721010,729774	-0.7	-0.1	-0.1	<1	Negligible	Negligible	Negligible
AQ141	721010,729775	-2.0	-0.3	-0.2	<1	Negligible	Negligible	Negligible
AQ142	721010,729776	-1.0	-0.2	-0.1	<1	Negligible	Negligible	Negligible
AQ143	721010,729777	-0.3	-0.1	<0.1	<1	Negligible	Negligible	Negligible
AQ144	721010,729778	-0.4	<0.1	<0.1	<1	Negligible	Negligible	Negligible
AQ145	721010,729779	-0.3	<0.1	<0.1	<1	Negligible	Negligible	Negligible
AQ146	721010,729780	-0.6	-0.1	-0.1	<1	Negligible	Negligible	Negligible
AQ147	721010,729781	-0.6	-0.1	-0.1	<1	Negligible	Negligible	Negligible
AQ148	721010,729782	-0.4	-0.1	<0.1	<1	Negligible	Negligible	Negligible
AQ149	721010,729783	-0.3	<0.1	<0.1	<1	Negligible	Negligible	Negligible
AQ150	721010,729784	-0.1	<0.1	<0.1	<1	Negligible	Negligible	Negligible
AQ151	721010,729785	-0.3	-0.1	<0.1	<1	Negligible	Negligible	Negligible
AQ152	721010,729786	-0.1	<0.1	<0.1	<1	Negligible	Negligible	Negligible
AQ153	721010,729787	<0.1	<0.1	<0.1	<1	Negligible	Negligible	Negligible
AQ154	721010,729788	-0.2	<0.1	<0.1	<1	Negligible	Negligible	Negligible
AQ155	721010,729789	-0.2	<0.1	<0.1	<1	Negligible	Negligible	Negligible
AQ156	721010,729790	0.1	<0.1	<0.1	<1	Negligible	Negligible	Negligible
AQ157	721010,729791	-0.2	<0.1	<0.1	<1	Negligible	Negligible	Negligible
AQ158	721010,729792	-0.5	-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

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}	$\text{PM}_{2.5}$
AQ161	721010,729795	-0.1	<0.1	<0.1	<1	Negligible	Negligible	Negligible
AQ162	721010,729796	0.6	0.1	0.1	<1	Negligible	Negligible	Negligible
AQ163	721010,729797	0.1	<0.1	<0.1	<1	Negligible	Negligible	Negligible
AQ164	721010,729798	4.0	0.3	0.2	<1	Slight Adverse	Negligible	Negligible
AQ165	721010,729799	3.9	0.3	0.2	<1	Slight Adverse	Negligible	Negligible
AQ166	721010,729800	-11.5	-1.7	-1.0	<1	Substantial Beneficial	Negligible	Negligible
AQ167	721010,729801	-1.5	-0.3	-0.2	<1	Negligible	Negligible	Negligible
AQ168	721010,729802	-0.6	-0.1	<0.1	<1	Negligible	Negligible	Negligible
AQ169	721010,729803	-0.7	-0.1	<0.1	<1	Negligible	Negligible	Negligible
AQ170	721010,729804	1.4	0.1	0.1	<1	Negligible	Negligible	Negligible
AQ171	721010,729805	1.9	0.2	0.1	<1	Negligible	Negligible	Negligible
AQ172	721010,729806	1.8	0.2	0.1	<1	Negligible	Negligible	Negligible
AQ173	721010,729807	2.9	0.2	0.2	<1	Negligible	Negligible	Negligible
AQ174	721010,729808	2.1	0.2	0.1	<1	Negligible	Negligible	Negligible
AQ175	721010,729809	1.7	0.2	0.1	<1	Negligible	Negligible	Negligible
AQ176	721010,729810	1.1	0.1	0.1	<1	Negligible	Negligible	Negligible
AQ177	721010,729811	-8.9	-1.3	-0.8	<1	Moderate Beneficial	Negligible	Negligible
AQ178	721010,729812	1.4	0.2	0.1	<1	Negligible	Negligible	Negligible
AQ179	721010,729813	1.2	0.1	0.1	<1	Negligible	Negligible	Negligible
AQ180	721010,729814	-9.4	-1.3	-0.8	<1	Moderate Beneficial	Negligible	Negligible
AQ181	721010,729815	1.3	0.2	0.1	<1	Negligible	Negligible	Negligible
AQ182	721010,729816	1.2	0.1	0.1	<1	Negligible	Negligible	Negligible
AQ183	721010,729817	1.4	0.2	0.1	<1	Negligible	Negligible	Negligible
AQ184	721010,729818	1.9	0.2	0.1	<1	Negligible	Negligible	Negligible
AQ185	721010,729819	1.9	0.2	0.1	<1	Negligible	Negligible	Negligible
AQ186	721010,729820	1.8	0.2	0.1	<1	Negligible	Negligible	Negligible
AQ187	721010,729821	-2.9	-0.5	-0.3	<1	Negligible	Negligible	Negligible
AQ188	721010,729822	-2.0	-0.4	-0.2	<1	Negligible	Negligible	Negligible
AQ189	721010,729823	-2.1	-0.4	-0.2	<1	Slight Beneficial	Negligible	Negligible
AQ190	721010,729824	-2.1	-0.4	-0.2	<1	Slight Beneficial	Negligible	Negligible
AQ191	721010,729825	-2.1	-0.4	-0.2	<1	Negligible	Negligible	Negligible
AQ192	721010,729826	-2.2	-0.4	-0.2	<1	Negligible	Negligible	Negligible
AQ193	721010,729827	-1.3	-0.2	-0.1	<1	Negligible	Negligible	Negligible
AQ194	721010,729828	-1.4	-0.3	-0.1	<1	Negligible	Negligible	Negligible
AQ195	721010,729829	-2.0	-0.4	-0.2	<1	Negligible	Negligible	Negligible
AQ196	721010,729830	-1.7	-0.3	-0.2	<1	Negligible	Negligible	Negligible
AQ197	721010,729831	-1.9	-0.3	-0.2	<1	Negligible	Negligible	Negligible
AQ198	721010,729832	-3.7	-0.7	-0.4	<1	Negligible	Negligible	Negligible
AQ199	721010,729833	-2.2	-0.4	-0.2	<1	Negligible	Negligible	Negligible

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		NO_2	PM_{10}	$\text{PM}_{2.5}$		NO_2	PM_{10}	$\text{PM}_{2.5}$
AQ200	721010,729834	-2.0	-0.3	-0.2	<1	Negligible	Negligible	Negligible
AQ201	721010,729835	-1.8	-0.3	-0.2	<1	Negligible	Negligible	Negligible
AQ202	721010,729836	-2.1	-0.3	-0.2	<1	Negligible	Negligible	Negligible
AQ203	721010,729837	-1.6	-0.2	-0.1	<1	Negligible	Negligible	Negligible
AQ204	721010,729838	-2.1	-0.3	-0.2	<1	Negligible	Negligible	Negligible
AQ205	721010,729839	-2.2	-0.3	-0.2	<1	Negligible	Negligible	Negligible
AQ206	721010,729840	-1.8	-0.3	-0.2	<1	Negligible	Negligible	Negligible
AQ207	721010,729841	-1.3	-0.2	-0.1	<1	Negligible	Negligible	Negligible
AQ208	721010,729842	-1.8	-0.3	-0.2	<1	Negligible	Negligible	Negligible
AQ209	721010,729843	-1.2	-0.2	-0.1	<1	Negligible	Negligible	Negligible
AQ210	721010,729844	-1.3	-0.2	-0.1	<1	Negligible	Negligible	Negligible
AQ211	721010,729845	-1.5	-0.2	-0.1	<1	Negligible	Negligible	Negligible
AQ212	721010,729846	-1.9	-0.3	-0.2	<1	Negligible	Negligible	Negligible
AQ213	721010,729847	-1.9	-0.3	-0.2	<1	Negligible	Negligible	Negligible
AQ214	721010,729848	-2.0	-0.3	-0.2	<1	Negligible	Negligible	Negligible
AQ215	721010,729849	-2.0	-0.3	-0.2	<1	Negligible	Negligible	Negligible
AQ216	721010,729850	-2.2	-0.3	-0.2	<1	Negligible	Negligible	Negligible
AQ217	721010,729851	-3.3	-0.4	-0.3	<1	Negligible	Negligible	Negligible
AQ218	721010,729852	-1.3	-0.2	-0.1	<1	Negligible	Negligible	Negligible
AQ219	721010,729853	-1.8	-0.3	-0.2	<1	Negligible	Negligible	Negligible
AQ220	721010,729854	-1.7	-0.3	-0.2	<1	Negligible	Negligible	Negligible
AQ221	721010,729855	-1.7	-0.3	-0.2	<1	Negligible	Negligible	Negligible
AQ222	721010,729856	-1.4	-0.2	-0.1	<1	Negligible	Negligible	Negligible
AQ223	721010,729857	-4.0	-0.6	-0.4	<1	Negligible	Negligible	Negligible
AQ224	721010,729858	-1.4	-0.2	-0.1	<1	Negligible	Negligible	Negligible
AQ225	721010,729859	-1.4	-0.2	-0.1	<1	Negligible	Negligible	Negligible
AQ226	721010,729860	-1.4	-0.2	-0.1	<1	Negligible	Negligible	Negligible
AQ227	721010,729861	-2.1	-0.3	-0.2	<1	Negligible	Negligible	Negligible
AQ228	721010,729862	-1.8	-0.3	-0.2	<1	Negligible	Negligible	Negligible
AQ229	721010,729863	-3.2	-0.4	-0.2	<1	Negligible	Negligible	Negligible
AQ230	721010,729864	-1.4	-0.2	-0.1	<1	Negligible	Negligible	Negligible
AQ231	721010,729865	-1.4	-0.2	-0.1	<1	Negligible	Negligible	Negligible
AQ232	721010,729866	-2.1	-0.3	-0.2	<1	Negligible	Negligible	Negligible
AQ233	721010,729867	-1.5	-0.2	-0.1	<1	Negligible	Negligible	Negligible
AQ234	721010,729868	-1.4	-0.2	-0.1	<1	Negligible	Negligible	Negligible
AQ235	721010,729869	-1.5	-0.2	-0.1	<1	Negligible	Negligible	Negligible
AQ236	721010,729870	-1.6	-0.3	-0.2	<1	Negligible	Negligible	Negligible
AQ237	721010,729871	-1.4	-0.2	-0.1	<1	Negligible	Negligible	Negligible
AQ238	721010,729872	-2.1	-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}	$\text{PM}_{2.5}$
AQ239	721010,729873	-2.3	-0.3	-0.2	<1	Negligible	Negligible	Negligible
AQ240	721010,729874	-0.4	-0.1	<0.1	<1	Negligible	Negligible	Negligible
AQ241	721010,729875	-1.8	-0.3	-0.2	<1	Negligible	Negligible	Negligible
AQ242	721010,729876	-2.3	-0.3	-0.2	<1	Negligible	Negligible	Negligible
AQ243	721010,729877	-1.8	-0.3	-0.2	<1	Negligible	Negligible	Negligible
AQ244	721010,729878	-2.7	-0.3	-0.2	<1	Negligible	Negligible	Negligible
AQ245	721010,729879	-0.7	-0.1	-0.1	<1	Negligible	Negligible	Negligible
AQ246	721010,729880	-4.3	-0.5	-0.3	<1	Slight Beneficial	Negligible	Negligible
AQ247	721010,729881	-3.8	-0.5	-0.3	<1	Negligible	Negligible	Negligible
AQ248	721010,729882	-3.0	-0.4	-0.2	<1	Negligible	Negligible	Negligible
AQ249	721010,729883	-2.7	-0.3	-0.2	<1	Negligible	Negligible	Negligible
AQ250	721010,729884	-8.0	-0.9	-0.6	<1	Slight Beneficial	Negligible	Negligible
AQ251	721010,729885	-4.0	-0.4	-0.3	<1	Negligible	Negligible	Negligible
AQ252	721010,729886	-2.0	-0.2	-0.1	<1	Negligible	Negligible	Negligible
AQ253	721010,729887	-4.7	-0.5	-0.3	<1	Slight Beneficial	Negligible	Negligible
AQ254	721010,729888	-1.9	-0.3	-0.2	<1	Negligible	Negligible	Negligible
AQ255	721010,729889	-1.3	-0.2	-0.1	<1	Negligible	Negligible	Negligible
AQ256	721010,729890	-1.3	-0.2	-0.1	<1	Negligible	Negligible	Negligible
AQ257	721010,729891	-1.5	-0.2	-0.1	<1	Negligible	Negligible	Negligible
AQ258	721010,729892	-1.9	-0.3	-0.2	<1	Negligible	Negligible	Negligible
AQ259	721010,729893	-1.9	-0.3	-0.2	<1	Negligible	Negligible	Negligible
AQ260	721010,729894	-1.2	-0.2	-0.1	<1	Negligible	Negligible	Negligible
AQ261	721010,729895	2.5	0.2	0.1	<1	Negligible	Negligible	Negligible
AQ262	721010,729896	1.8	0.1	0.1	<1	Negligible	Negligible	Negligible
AQ263	721010,729897	3.8	0.3	0.2	<1	Slight Adverse	Negligible	Negligible
AQ264	721010,729898	1.5	0.1	0.1	<1	Negligible	Negligible	Negligible
AQ265	721010,729899	3.5	0.3	0.2	<1	Slight Adverse	Negligible	Negligible
AQ266	721010,729900	4.8	0.4	0.3	<1	Slight Adverse	Negligible	Negligible
AQ267	721010,729901	4.1	0.3	0.2	<1	Slight Adverse	Negligible	Negligible
AQ268	721010,729902	-1.1	-0.2	-0.1	<1	Negligible	Negligible	Negligible
AQ269	721010,729903	-1.1	-0.2	-0.1	<1	Negligible	Negligible	Negligible
AQ270	721010,729904	-1.4	-0.2	-0.1	<1	Negligible	Negligible	Negligible
AQ271	721010,729905	-1.3	-0.2	-0.1	<1	Negligible	Negligible	Negligible
AQ272	721010,729906	-1.4	-0.3	-0.2	<1	Negligible	Negligible	Negligible
AQ273	721010,729907	-1.6	-0.3	-0.2	<1	Negligible	Negligible	Negligible
AQ274	721010,729908	-1.5	-0.4	-0.2	<1	Negligible	Negligible	Negligible
AQ275	721010,729909	-1.5	-0.3	-0.2	<1	Negligible	Negligible	Negligible
AQ276	721010,729910	-1.5	-0.3	-0.2	<1	Negligible	Negligible	Negligible
AQ277	721010,729911	-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}	$\text{PM}_{2.5}$
AQ278	721010,729912	-0.9	-0.2	-0.1	<1	Negligible	Negligible	Negligible
AQ279	721010,729913	-1.5	-0.4	-0.2	<1	Negligible	Negligible	Negligible
AQ280	721010,729914	-2.2	-0.3	-0.2	<1	Slight Beneficial	Negligible	Negligible
AQ281	721010,729915	-0.9	-0.2	-0.1	<1	Negligible	Negligible	Negligible
AQ282	721010,729916	-1.1	-0.2	-0.1	<1	Negligible	Negligible	Negligible
AQ283	721010,729917	-2.1	-0.4	-0.2	<1	Negligible	Negligible	Negligible
AQ284	721010,729918	-2.5	-0.4	-0.2	<1	Negligible	Negligible	Negligible
AQ285	721010,729919	-1.2	-0.2	-0.1	<1	Negligible	Negligible	Negligible
AQ286	721010,729920	-2.1	-0.3	-0.2	<1	Negligible	Negligible	Negligible
AQ287	721010,729921	-2.1	-0.2	-0.2	<1	Negligible	Negligible	Negligible
AQ288	721010,729922	-3.4	-0.4	-0.3	<1	Negligible	Negligible	Negligible
AQ289	721010,729923	-1.4	-0.3	-0.2	<1	Negligible	Negligible	Negligible
AQ290	721010,729924	-2.3	-0.3	-0.2	<1	Negligible	Negligible	Negligible
AQ291	721010,729925	-3.0	-0.4	-0.2	<1	Negligible	Negligible	Negligible
AQ292	721010,729926	-2.3	-0.3	-0.2	<1	Negligible	Negligible	Negligible
AQ293	721010,729927	-3.8	-0.4	-0.3	<1	Negligible	Negligible	Negligible
AQ294	721010,729928	-3.1	-0.4	-0.2	<1	Negligible	Negligible	Negligible
AQ295	721010,729929	-3.9	-0.5	-0.3	<1	Negligible	Negligible	Negligible
AQ296	721010,729930	-3.4	-0.5	-0.3	<1	Slight Beneficial	Negligible	Negligible
AQ297	721010,729931	-4.1	-0.6	-0.3	<1	Slight Beneficial	Negligible	Negligible
AQ298	721010,729932	-3.3	-0.4	-0.3	<1	Negligible	Negligible	Negligible
AQ299	721010,729933	-3.4	-0.5	-0.3	<1	Slight Beneficial	Negligible	Negligible
AQ300	721010,729934	-4.9	-0.7	-0.4	<1	Slight Beneficial	Negligible	Negligible
AQ301	721010,729935	-4.5	-0.7	-0.4	<1	Slight Beneficial	Negligible	Negligible
AQ302	721010,729936	-5.7	-0.8	-0.5	<1	Moderate Beneficial	Negligible	Negligible
AQ303	721010,729937	-6.7	-0.9	-0.6	<1	Moderate Beneficial	Negligible	Negligible
AQ304	721010,729938	-1.3	-0.2	-0.1	<1	Negligible	Negligible	Negligible
AQ305	721010,729939	-5.4	-0.6	-0.4	<1	Slight Beneficial	Negligible	Negligible
AQ306	721010,729940	-1.3	-0.2	-0.1	<1	Negligible	Negligible	Negligible
AQ307	721010,729941	-3.1	-0.3	-0.2	<1	Negligible	Negligible	Negligible
AQ308	721010,729942	-3.1	-0.3	-0.2	<1	Negligible	Negligible	Negligible
AQ309	721010,729943	-1.8	-0.3	-0.2	<1	Negligible	Negligible	Negligible
AQ310	721010,729944	-1.8	-0.2	-0.1	<1	Negligible	Negligible	Negligible
AQ311	721010,729945	-1.9	-0.2	-0.1	<1	Negligible	Negligible	Negligible
AQ312	721010,729946	-1.9	-0.2	-0.1	<1	Negligible	Negligible	Negligible
AQ313	721010,729947	-7.5	-0.8	-0.5	<1	Moderate Beneficial	Negligible	Negligible
AQ314	721010,729948	-6.5	-0.8	-0.5	<1	Moderate Beneficial	Negligible	Negligible
AQ315	721010,729949	-3.2	-0.5	-0.3	<1	Slight Beneficial	Negligible	Negligible
AQ316	721010,729950	-4.3	-0.7	-0.4	<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}	$\text{PM}_{2.5}$
AQ317	721010,729951	-4.0	-0.5	-0.3	<1	Moderate Beneficial	Negligible	Negligible
AQ318	721010,729952	-2.7	-0.4	-0.3	<1	Slight Beneficial	Negligible	Negligible
AQ319	721010,729953	-3.2	-0.5	-0.3	<1	Slight Beneficial	Negligible	Negligible
AQ320	721010,729954	-3.1	-0.5	-0.3	<1	Slight Beneficial	Negligible	Negligible
AQ321	721010,729955	-3.1	-0.5	-0.3	<1	Slight Beneficial	Negligible	Negligible
AQ322	721010,729956	-2.4	-0.4	-0.2	<1	Slight Beneficial	Negligible	Negligible
AQ323	721010,729957	-4.2	-0.5	-0.3	<1	Slight Beneficial	Negligible	Negligible
AQ324	721010,729958	-3.9	-0.5	-0.3	<1	Slight Beneficial	Negligible	Negligible
AQ325	721010,729959	-3.2	-0.6	-0.4	<1	Moderate Beneficial	Negligible	Negligible
AQ326	721010,729960	-2.9	-0.5	-0.3	<1	Moderate Beneficial	Negligible	Negligible
AQ327	721010,729961	-2.6	-0.3	-0.2	<1	Slight Beneficial	Negligible	Negligible
AQ328	721010,729962	-4.9	-0.7	-0.4	<1	Moderate Beneficial	Negligible	Negligible
AQ329	721010,729963	-4.7	-0.6	-0.4	<1	Slight Beneficial	Negligible	Negligible
AQ330	721010,729964	-3.0	-0.4	-0.2	<1	Slight Beneficial	Negligible	Negligible
AQ331	721010,729965	-2.2	-0.3	-0.2	<1	Slight Beneficial	Negligible	Negligible
AQ332	721010,729966	-2.6	-0.3	-0.2	<1	Slight Beneficial	Negligible	Negligible
AQ333	721010,729967	-1.1	-0.1	-0.1	<1	Negligible	Negligible	Negligible
AQ334	721010,729968	-2.1	-0.2	-0.1	<1	Negligible	Negligible	Negligible
AQ335	721010,729969	-1.8	-0.2	-0.2	<1	Slight Beneficial	Negligible	Negligible
AQ336	721010,729970	-0.5	-0.2	-0.1	<1	Negligible	Negligible	Negligible
AQ337	721010,729971	-2.3	-0.3	-0.2	<1	Moderate Beneficial	Negligible	Negligible
AQ338	721010,729972	-0.9	-0.2	-0.1	<1	Negligible	Negligible	Negligible
AQ339	721010,729973	-2.0	-0.4	-0.2	<1	Negligible	Negligible	Negligible
AQ340	721010,729974	-1.9	-0.3	-0.2	<1	Negligible	Negligible	Negligible
AQ341	721010,729975	-2.0	-0.4	-0.2	<1	Slight Beneficial	Negligible	Negligible
AQ342	721010,729976	-1.7	-0.3	-0.2	<1	Negligible	Negligible	Negligible
AQ343	721010,729977	-2.5	-0.4	-0.2	<1	Slight Beneficial	Negligible	Negligible
AQ344	721010,729978	-2.4	-0.4	-0.3	<1	Slight Beneficial	Negligible	Negligible
AQ345	721010,729979	0.2	<0.1	<0.1	<1	Negligible	Negligible	Negligible
AQ346	721010,729980	<0.1	-0.1	<0.1	<1	Negligible	Negligible	Negligible
AQ347	721010,729981	0.8	<0.1	<0.1	<1	Negligible	Negligible	Negligible
AQ348	721010,729982	0.8	<0.1	<0.1	<1	Negligible	Negligible	Negligible
AQ349	721010,729983	0.5	0.1	<0.1	<1	Negligible	Negligible	Negligible
AQ350	721010,729984	0.7	<0.1	<0.1	<1	Negligible	Negligible	Negligible
AQ351	721010,729985	-1.0	-0.2	-0.1	<1	Negligible	Negligible	Negligible
AQ352	721010,729986	<0.1	<0.1	<0.1	<1	Negligible	Negligible	Negligible
AQ353	721010,729987	0.2	<0.1	<0.1	<1	Negligible	Negligible	Negligible
AQ354	721010,729988	-1.3	-0.2	-0.1	<1	Negligible	Negligible	Negligible
AQ355	721010,729989	-0.5	-0.1	-0.1	<1	Negligible	Negligible	Negligible

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		NO_2	PM_{10}	$\text{PM}_{2.5}$		NO_2	PM_{10}	$\text{PM}_{2.5}$
AQ356	721010,729990	-1.4	-0.2	-0.1	<1	Negligible	Negligible	Negligible
AQ357	721010,729991	-0.1	-0.2	-0.1	<1	Negligible	Negligible	Negligible
AQ358	721010,729992	0.5	-0.2	-0.1	<1	Slight Adverse	Negligible	Negligible
AQ359	721010,729993	<0.1	-0.2	-0.1	<1	Negligible	Negligible	Negligible
AQ360	721010,729994	0.1	<0.1	<0.1	<1	Negligible	Negligible	Negligible
AQ361	721010,729995	-2.7	-0.3	-0.2	<1	Moderate Beneficial	Negligible	Negligible
AQ362	721010,729996	-0.1	<0.1	<0.1	<1	Negligible	Negligible	Negligible
AQ363	721010,729997	1.3	0.2	0.1	<1	Negligible	Negligible	Negligible
AQ364	721010,729998	0.3	0.1	0.1	<1	Negligible	Negligible	Negligible
AQ365	721010,729999	1.5	0.2	0.1	<1	Negligible	Negligible	Negligible
AQ366	721010,730000	-0.1	<0.1	<0.1	<1	Negligible	Negligible	Negligible
AQ367	721010,730001	-0.5	-0.1	<0.1	<1	Negligible	Negligible	Negligible
AQ368	721010,730002	0.1	<0.1	<0.1	<1	Negligible	Negligible	Negligible
AQ369	721010,730003	0.7	0.1	<0.1	<1	Negligible	Negligible	Negligible
AQ370	721010,730004	-1.0	-0.2	-0.1	<1	Slight Beneficial	Negligible	Negligible
AQ371	721010,730005	-3.6	-0.5	-0.3	<1	Slight Beneficial	Negligible	Negligible
AQ372	721010,730006	-4.6	-0.7	-0.5	<1	Moderate Beneficial	Negligible	Negligible
AQ373	721010,730007	-0.2	<0.1	<0.1	<1	Negligible	Negligible	Negligible
AQ374	721010,730008	-0.3	<0.1	<0.1	<1	Negligible	Negligible	Negligible
AQ375	721010,730009	0.7	0.1	<0.1	<1	Negligible	Negligible	Negligible
AQ376	721010,730010	1.5	0.2	0.1	<1	Negligible	Negligible	Negligible
AQ377	721010,730011	-1.8	-0.2	-0.1	<1	Negligible	Negligible	Negligible
AQ378	721010,730012	3.2	0.4	0.2	<1	Negligible	Negligible	Negligible
AQ379	721010,730013	2.1	0.3	0.2	<1	Negligible	Negligible	Negligible
AQ380	721010,730014	0.1	<0.1	<0.1	<1	Negligible	Negligible	Negligible
AQ381	721010,730015	1.6	0.2	0.1	<1	Negligible	Negligible	Negligible
AQ382	721010,730016	0.8	0.1	<0.1	<1	Negligible	Negligible	Negligible
AQ383	721010,730017	-0.4	-0.2	-0.1	<1	Negligible	Negligible	Negligible
AQ384	721010,730018	-5.0	-0.7	-0.5	<1	Substantial Beneficial	Negligible	Negligible
AQ385	721010,730019	-2.0	-0.3	-0.2	<1	Negligible	Negligible	Negligible
AQ386	721010,730020	-3.3	-0.4	-0.2	<1	Moderate Beneficial	Negligible	Negligible
AQ387	721010,730021	-2.5	-0.3	-0.2	<1	Moderate Beneficial	Negligible	Negligible
AQ388	721010,730022	-0.7	-0.1	-0.1	<1	Negligible	Negligible	Negligible
AQ389	721010,730023	0.1	<0.1	<0.1	<1	Negligible	Negligible	Negligible
AQ390	721010,730024	0.6	0.1	<0.1	<1	Negligible	Negligible	Negligible
AQ391	721010,730025	0.6	0.1	<0.1	<1	Negligible	Negligible	Negligible
AQ392	721010,730026	2.4	0.3	0.2	<1	Negligible	Negligible	Negligible
AQ393	721010,730027	1.1	0.1	0.1	<1	Negligible	Negligible	Negligible
AQ394	721010,730028	-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}	$\text{PM}_{2.5}$
AQ395	721010,730029	-1.0	-0.1	-0.1	<1	Negligible	Negligible	Negligible
AQ396	721010,730030	-1.7	-0.2	-0.1	<1	Negligible	Negligible	Negligible
AQ397	721010,730031	-5.3	-0.7	-0.4	<1	Substantial Beneficial	Negligible	Negligible
AQ398	721010,730032	-4.6	-0.8	-0.5	<1	Moderate Beneficial	Negligible	Negligible
AQ399	721010,730033	-1.3	-0.2	-0.2	<1	Negligible	Negligible	Negligible
AQ400	721010,730034	-0.1	<0.1	<0.1	<1	Negligible	Negligible	Negligible
AQ401	721010,730035	0.2	-0.4	-0.2	<1	Negligible	Negligible	Negligible
AQ402	721010,730036	-1.1	-0.3	-0.2	<1	Negligible	Negligible	Negligible
AQ403	721010,730037	-1.7	-0.2	-0.1	<1	Negligible	Negligible	Negligible
AQ404	721010,730038	-3.2	-0.4	-0.3	<1	Negligible	Negligible	Negligible
AQ405	721010,730039	-1.2	-0.2	-0.1	<1	Negligible	Negligible	Negligible
AQ406	721010,730040	-1.0	-0.1	-0.1	<1	Negligible	Negligible	Negligible
AQ407	721010,730041	-1.1	-0.2	-0.1	<1	Negligible	Negligible	Negligible
AQ408	721010,730042	-2.2	-0.3	-0.2	<1	Negligible	Negligible	Negligible
AQ409	721010,730043	-0.1	<0.1	<0.1	<1	Negligible	Negligible	Negligible
AQ410	721010,730044	-0.7	-0.1	-0.1	<1	Negligible	Negligible	Negligible
AQ411	721010,730045	-0.5	-0.1	-0.1	<1	Negligible	Negligible	Negligible
AQ412	721010,730046	0.3	<0.1	<0.1	<1	Negligible	Negligible	Negligible
AQ413	721010,730047	-1.0	-0.1	-0.1	<1	Negligible	Negligible	Negligible
AQ414	721010,730048	0.3	<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
AQ417	721010,730051	0.4	<0.1	<0.1	<1	Negligible	Negligible	Negligible
AQ418	721010,730052	0.2	<0.1	<0.1	<1	Negligible	Negligible	Negligible
AQ419	721010,730053	0.3	<0.1	<0.1	<1	Negligible	Negligible	Negligible
AQ420	721010,730054	-2.1	-0.2	-0.1	<1	Negligible	Negligible	Negligible
AQ421	721010,730055	-0.1	<0.1	<0.1	<1	Negligible	Negligible	Negligible
AQ422	721010,730056	<0.1	<0.1	<0.1	<1	Negligible	Negligible	Negligible
AQ423	721010,730057	-1.7	-0.2	-0.1	<1	Slight Beneficial	Negligible	Negligible
AQ424	721010,730058	-0.5	-0.1	<0.1	<1	Negligible	Negligible	Negligible
AQ425	721010,730059	-0.1	<0.1	<0.1	<1	Negligible	Negligible	Negligible
AQ426	721010,730060	-0.1	<0.1	<0.1	<1	Negligible	Negligible	Negligible
AQ427	721010,730061	0.1	<0.1	<0.1	<1	Negligible	Negligible	Negligible
AQ428	721010,730062	-0.7	-0.1	-0.1	<1	Negligible	Negligible	Negligible
AQ429	721010,730063	-0.8	-0.1	-0.1	<1	Negligible	Negligible	Negligible
AQ430	721010,730064	-0.8	-0.1	-0.1	<1	Negligible	Negligible	Negligible
AQ431	721010,730065	-1.8	-0.2	-0.1	<1	Negligible	Negligible	Negligible
AQ432	721010,730066	-1.3	-0.2	-0.1	<1	Negligible	Negligible	Negligible
AQ433	721010,730067	-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}	$\text{PM}_{2.5}$
AQ434	721010,730068	-1.2	-0.2	-0.1	<1	Negligible	Negligible	Negligible
AQ435	721010,730069	-2.3	-0.3	-0.2	<1	Negligible	Negligible	Negligible
AQ436	721010,730070	-3.3	-0.5	-0.3	<1	Negligible	Negligible	Negligible
AQ437	721010,730071	-0.4	-0.1	<0.1	<1	Negligible	Negligible	Negligible
AQ438	721010,730072	-0.4	-0.1	<0.1	<1	Negligible	Negligible	Negligible
AQ439	721010,730073	-0.6	-0.1	-0.1	<1	Negligible	Negligible	Negligible
AQ440	721010,730074	-1.6	-0.2	-0.1	<1	Negligible	Negligible	Negligible
AQ441	721010,730075	0.5	<0.1	<0.1	<1	Negligible	Negligible	Negligible
AQ442	721010,730076	0.3	<0.1	<0.1	<1	Negligible	Negligible	Negligible
AQ443	721010,730077	0.5	0.1	<0.1	<1	Negligible	Negligible	Negligible
AQ444	721010,730078	1.5	0.2	0.1	<1	Negligible	Negligible	Negligible
AQ445	721010,730079	0.8	0.1	0.1	<1	Negligible	Negligible	Negligible
AQ446	721010,730080	0.8	0.1	0.1	<1	Negligible	Negligible	Negligible
AQ447	721010,730081	0.5	0.1	<0.1	<1	Negligible	Negligible	Negligible
AQ448	721010,730082	0.6	0.1	<0.1	<1	Negligible	Negligible	Negligible
AQ449	721010,730083	-2.5	-0.4	-0.2	<1	Negligible	Negligible	Negligible
AQ450	721010,730084	0.3	-0.1	-0.1	<1	Negligible	Negligible	Negligible
AQ451	721010,730085	-2.0	-0.3	-0.2	<1	Negligible	Negligible	Negligible
AQ452	721010,730086	-2.4	-0.4	-0.3	<1	Negligible	Negligible	Negligible
AQ453	721010,730087	-0.9	-0.2	-0.1	<1	Negligible	Negligible	Negligible
AQ454	721010,730088	-0.7	-0.2	-0.1	<1	Negligible	Negligible	Negligible
AQ455	721010,730089	-2.7	-0.4	-0.2	<1	Negligible	Negligible	Negligible
AQ456	721010,730090	-1.9	-0.2	-0.1	<1	Negligible	Negligible	Negligible
AQ457	721010,730091	-3.3	-0.4	-0.2	<1	Moderate Beneficial	Negligible	Negligible
AQ458	721010,730092	-0.6	-0.1	<0.1	<1	Negligible	Negligible	Negligible
AQ459	721010,730093	-0.3	<0.1	<0.1	<1	Negligible	Negligible	Negligible
AQ460	721010,730094	-5.5	-0.6	-0.4	<1	Substantial Beneficial	Negligible	Negligible
AQ461	721010,730095	-2.2	-0.3	-0.2	<1	Slight Beneficial	Negligible	Negligible
AQ462	721010,730096	-0.6	-0.4	-0.2	<1	Slight Beneficial	Negligible	Negligible
AQ463	721010,730097	0.3	-0.2	-0.1	<1	Negligible	Negligible	Negligible
AQ464	721010,730098	1.7	0.1	0.1	<1	Slight Adverse	Negligible	Negligible
AQ465	721010,730099	1.4	0.2	0.1	<1	Negligible	Negligible	Negligible
AQ466	721010,730100	-2.9	-0.5	-0.3	<1	Moderate Beneficial	Negligible	Negligible
AQ467	721010,730101	0.5	0.1	<0.1	<1	Negligible	Negligible	Negligible
AQ468	721010,730102	1.0	0.1	<0.1	<1	Negligible	Negligible	Negligible
AQ469	721010,730103	-1.2	-0.2	-0.1	<1	Negligible	Negligible	Negligible
AQ470	721010,730104	-1.2	-0.2	-0.1	<1	Negligible	Negligible	Negligible
AQ471	721010,730105	0.7	0.1	<0.1	<1	Negligible	Negligible	Negligible
AQ472	721010,730106	-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}	$\text{PM}_{2.5}$
AQ473	721010,730107	3.4	0.4	0.2	<1	Negligible	Negligible	Negligible
AQ474	721010,730108	0.5	0.1	<0.1	<1	Negligible	Negligible	Negligible
AQ475	721010,730109	2.6	0.3	0.2	<1	Slight Adverse	Negligible	Negligible
AQ476	721010,730110	2.5	0.2	0.2	<1	Negligible	Negligible	Negligible
AQ477	721010,730111	-1.3	-0.2	-0.1	<1	Negligible	Negligible	Negligible
AQ478	721010,730112	-0.7	-0.1	-0.1	<1	Negligible	Negligible	Negligible
AQ479	721010,730113	1.4	0.2	0.1	<1	Negligible	Negligible	Negligible
AQ480	721010,730114	0.3	<0.1	<0.1	<1	Negligible	Negligible	Negligible
AQ481	721010,730115	0.5	0.1	<0.1	<1	Negligible	Negligible	Negligible
AQ482	721010,730116	0.2	<0.1	<0.1	<1	Negligible	Negligible	Negligible
AQ483	721010,730117	0.1	<0.1	<0.1	<1	Negligible	Negligible	Negligible
AQ484	721010,730118	3.8	0.4	0.3	<1	Moderate Adverse	Negligible	Negligible
AQ485	721010,730119	3.0	0.4	0.2	<1	Moderate Adverse	Negligible	Negligible
AQ486	721010,730120	3.7	0.5	0.3	<1	Moderate Adverse	Negligible	Negligible
AQ487	721010,730121	2.8	0.3	0.2	<1	Moderate Adverse	Negligible	Negligible
AQ488	721010,730122	-1.1	-0.3	-0.2	<1	Slight Beneficial	Negligible	Negligible
AQ489	721010,730123	1.4	0.1	0.1	<1	Slight Adverse	Negligible	Negligible
AQ490	721010,730124	3.7	0.4	0.2	<1	Moderate Adverse	Negligible	Negligible
AQ491	721010,730125	1.5	<0.1	<0.1	<1	Negligible	Negligible	Negligible
AQ492	721010,730126	-1.4	-0.6	-0.3	<1	Negligible	Negligible	Negligible
AQ493	721010,730127	0.6	0.1	<0.1	<1	Negligible	Negligible	Negligible
AQ494	721010,730128	0.7	0.1	<0.1	<1	Negligible	Negligible	Negligible
AQ495	721010,730129	2.0	0.2	0.1	<1	Negligible	Negligible	Negligible
AQ496	721010,730130	1.0	0.1	0.1	<1	Negligible	Negligible	Negligible
AQ497	721010,730131	3.6	0.4	0.2	<1	Slight Adverse	Negligible	Negligible
AQ498	721010,730132	2.7	0.2	0.1	<1	Slight Adverse	Negligible	Negligible
AQ499	721010,730133	2.0	0.2	0.1	<1	Slight Adverse	Negligible	Negligible
AQ500	721010,730134	2.1	0.2	0.2	<1	Negligible	Negligible	Negligible
AQ501	721010,730135	3.5	0.4	0.2	<1	Negligible	Negligible	Negligible
AQ502	721010,730136	3.1	0.3	0.2	<1	Negligible	Negligible	Negligible
AQ503	721010,730137	1.7	0.3	0.2	<1	Negligible	Negligible	Negligible
AQ504	721010,730138	1.0	0.1	0.1	<1	Negligible	Negligible	Negligible
AQ505	721010,730139	2.5	0.3	0.2	<1	Negligible	Negligible	Negligible
AQ506	721010,730140	1.4	0.2	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	1.3	0.2	0.1	<1	Negligible	Negligible	Negligible
AQ510	721010,730144	2.0	0.3	0.2	<1	Negligible	Negligible	Negligible
AQ511	721010,730145	2.3	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}	$\text{PM}_{2.5}$
AQ512	721010,730146	1.4	0.2	0.1	<1	Negligible	Negligible	Negligible
AQ513	721010,730147	2.5	0.3	0.2	<1	Negligible	Negligible	Negligible
AQ514	721010,730148	0.7	0.1	<0.1	<1	Negligible	Negligible	Negligible
AQ515	721010,730149	0.3	<0.1	<0.1	<1	Negligible	Negligible	Negligible
AQ516	721010,730150	-0.4	-0.1	<0.1	<1	Negligible	Negligible	Negligible
AQ517	721010,730151	-0.6	-0.1	-0.1	<1	Negligible	Negligible	Negligible
AQ518	721010,730152	0.2	<0.1	<0.1	<1	Negligible	Negligible	Negligible
AQ519	721010,730153	0.1	<0.1	<0.1	<1	Negligible	Negligible	Negligible
AQ520	721010,730154	-0.1	<0.1	<0.1	<1	Negligible	Negligible	Negligible
AQ521	721010,730155	-0.1	<0.1	<0.1	<1	Negligible	Negligible	Negligible
AQ522	721010,730156	0.1	<0.1	<0.1	<1	Negligible	Negligible	Negligible
AQ523	721010,730157	0.1	<0.1	<0.1	<1	Negligible	Negligible	Negligible
AQ524	721010,730158	<0.1	<0.1	<0.1	<1	Negligible	Negligible	Negligible
AQ525	721010,730159	-0.1	<0.1	<0.1	<1	Negligible	Negligible	Negligible
AQ526	721010,730160	0.2	<0.1	<0.1	<1	Negligible	Negligible	Negligible
AQ527	721010,730161	0.2	<0.1	<0.1	<1	Negligible	Negligible	Negligible
AQ528	721010,730162	0.2	<0.1	<0.1	<1	Negligible	Negligible	Negligible
AQ529	721010,730163	-0.1	<0.1	<0.1	<1	Negligible	Negligible	Negligible
AQ530	721010,730164	0.8	0.1	0.1	<1	Negligible	Negligible	Negligible
AQ531	721010,730165	<0.1	<0.1	<0.1	<1	Negligible	Negligible	Negligible
AQ532	721010,730166	-0.1	<0.1	<0.1	<1	Negligible	Negligible	Negligible
AQ533	721010,730167	-0.1	<0.1	<0.1	<1	Negligible	Negligible	Negligible
AQ534	721010,730168	<0.1	<0.1	<0.1	<1	Negligible	Negligible	Negligible
AQ535	721010,730169	0.3	<0.1	<0.1	<1	Negligible	Negligible	Negligible
AQ536	721010,730170	0.5	0.1	0.1	<1	Negligible	Negligible	Negligible
AQ537	721010,730171	0.1	<0.1	<0.1	<1	Negligible	Negligible	Negligible
AQ538	721010,730172	-0.2	<0.1	<0.1	<1	Negligible	Negligible	Negligible
AQ539	721010,730173	-0.6	-0.1	<0.1	<1	Negligible	Negligible	Negligible
AQ540	721010,730174	0.4	0.1	<0.1	<1	Negligible	Negligible	Negligible
AQ541	721010,730175	0.4	0.1	<0.1	<1	Negligible	Negligible	Negligible
AQ542	721010,730176	0.3	0.1	<0.1	<1	Negligible	Negligible	Negligible
AQ543	721010,730177	-0.5	<0.1	<0.1	<1	Negligible	Negligible	Negligible
AQ544	721010,730178	-0.3	<0.1	<0.1	<1	Negligible	Negligible	Negligible
AQ545	721010,730179	-0.1	<0.1	<0.1	<1	Negligible	Negligible	Negligible
AQ546	721010,730180	-0.2	<0.1	<0.1	<1	Negligible	Negligible	Negligible
AQ547	721010,730181	-1.5	-0.2	-0.1	<1	Negligible	Negligible	Negligible
AQ548	721010,730182	-5.3	-0.8	-0.5	<1	Slight Beneficial	Negligible	Negligible
AQ549	721010,730183	-0.8	-0.1	-0.1	<1	Negligible	Negligible	Negligible
AQ550	721010,730184	-5.5	-0.8	-0.5	<1	Slight Beneficial	Negligible	Negligible

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		NO_2	PM_{10}	$\text{PM}_{2.5}$		NO_2	PM_{10}	$\text{PM}_{2.5}$
AQ551	721010,730185	-0.4	-0.1	<0.1	<1	Negligible	Negligible	Negligible
AQ552	721010,730186	-0.9	-0.1	-0.1	<1	Negligible	Negligible	Negligible
AQ553	721010,730187	-2.6	-0.3	-0.2	<1	Negligible	Negligible	Negligible
AQ554	721010,730188	-0.4	-0.1	<0.1	<1	Negligible	Negligible	Negligible
AQ555	721010,730189	0.1	<0.1	<0.1	<1	Negligible	Negligible	Negligible
AQ556	721010,730190	0.2	<0.1	<0.1	<1	Negligible	Negligible	Negligible
AQ557	721010,730191	-0.4	-0.1	<0.1	<1	Negligible	Negligible	Negligible
AQ558	721010,730192	-0.1	<0.1	<0.1	<1	Negligible	Negligible	Negligible
AQ559	721010,730193	-0.4	-0.1	<0.1	<1	Negligible	Negligible	Negligible
AQ560	721010,730194	<0.1	<0.1	<0.1	<1	Negligible	Negligible	Negligible
AQ561	721010,730195	0.1	<0.1	<0.1	<1	Negligible	Negligible	Negligible
AQ562	721010,730196	2.0	0.3	0.2	<1	Negligible	Negligible	Negligible
AQ563	721010,730197	<0.1	<0.1	<0.1	<1	Negligible	Negligible	Negligible
AQ564	721010,730198	-1.2	-0.1	-0.1	<1	Negligible	Negligible	Negligible
AQ565	721010,730199	-4.0	-0.4	-0.3	<1	Slight Beneficial	Negligible	Negligible
AQ566	721010,730200	-0.2	<0.1	<0.1	<1	Negligible	Negligible	Negligible
AQ567	721010,730201	-0.2	<0.1	<0.1	<1	Negligible	Negligible	Negligible
AQ568	721010,730202	-0.3	<0.1	<0.1	<1	Negligible	Negligible	Negligible
AQ569	721010,730203	-1.0	-0.1	-0.1	<1	Negligible	Negligible	Negligible
AQ570	721010,730204	-0.1	<0.1	<0.1	<1	Negligible	Negligible	Negligible
AQ571	721010,730205	-6.9	-1.0	-0.6	-1	Substantial Beneficial	Negligible	Negligible
AQ572	721010,730206	-2.0	-0.3	-0.2	<1	Negligible	Negligible	Negligible
AQ573	721010,730207	-0.4	-0.1	<0.1	<1	Negligible	Negligible	Negligible
AQ574	721010,730208	0.4	-0.3	-0.2	<1	Negligible	Negligible	Negligible
AQ575	721010,730209	-0.2	-0.2	-0.1	<1	Negligible	Negligible	Negligible
AQ576	721010,730210	0.3	<0.1	<0.1	<1	Negligible	Negligible	Negligible
AQ577	721010,730211	1.2	0.1	0.1	<1	Slight Adverse	Negligible	Negligible
AQ578	721010,730212	0.4	<0.1	<0.1	<1	Negligible	Negligible	Negligible
AQ579	721010,730213	0.7	0.1	<0.1	<1	Negligible	Negligible	Negligible
AQ580	721010,730214	3.5	0.4	0.2	<1	Slight Adverse	Negligible	Negligible
AQ581	721010,730215	0.3	<0.1	<0.1	<1	Negligible	Negligible	Negligible
AQ582	721010,730216	-6.6	-1.0	-0.6	<1	Substantial Beneficial	Negligible	Negligible
AQ583	721010,730217	0.8	0.1	0.1	<1	Negligible	Negligible	Negligible
AQ584	721010,730218	1.1	0.1	0.1	<1	Slight Adverse	Negligible	Negligible
AQ585	721010,730219	1.2	0.1	0.1	<1	Negligible	Negligible	Negligible
AQ586	721010,730220	-0.3	<0.1	<0.1	<1	Negligible	Negligible	Negligible
AQ587	721010,730221	-0.6	-0.1	<0.1	<1	Negligible	Negligible	Negligible
AQ588	721010,730222	-0.1	<0.1	<0.1	<1	Negligible	Negligible	Negligible
AQ589	721010,730223	-0.4	<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}	$\text{PM}_{2.5}$
AQ590	721010,730224	-0.6	-0.1	<0.1	<1	Negligible	Negligible	Negligible
AQ591	721010,730225	-0.4	-0.1	<0.1	<1	Negligible	Negligible	Negligible
AQ592	721010,730226	<0.1	<0.1	<0.1	<1	Negligible	Negligible	Negligible
AQ593	721010,730227	2.5	0.3	0.2	<1	Negligible	Negligible	Negligible
AQ594	721010,730228	-0.7	-0.1	-0.1	<1	Negligible	Negligible	Negligible
AQ595	721010,730229	0.1	<0.1	<0.1	<1	Negligible	Negligible	Negligible
AQ596	721010,730230	-1.2	-0.2	-0.1	<1	Negligible	Negligible	Negligible
AQ597	721010,730231	-0.2	<0.1	<0.1	<1	Negligible	Negligible	Negligible
AQ598	721010,730232	-4.8	-0.7	-0.4	<1	Moderate Beneficial	Negligible	Negligible
AQ599	721010,730233	-1.3	-0.2	-0.1	<1	Negligible	Negligible	Negligible
AQ600	721010,730234	-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 54 receptors, a moderate beneficial impact at 24 receptors and a substantial beneficial impact at six receptors due to the diversion of traffic off the Proposed Scheme routes. A slight adverse impact is expected at 16 receptors and a moderate adverse impact at six receptors on the R105 Burgh Quay, R114 Aungier St and R148 Aston Quay/Wellington Quay. This localised moderate adverse impact is considered negative, significant and short-term as NO_2 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 PM_{10} and $\text{PM}_{2.5}$ concentrations, with all receptors experiencing a negligible impact.