
Appendix A12.3 Detailed Modelled Results

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APPENDIX A12.3 – DETAILED MODELLED RESULTS

1.1 Introduction

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

1.1.1 Baseline Construction Phase

The baseline modelling scenario has been modelled using ADMS-Roads for the baseline year. 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 baseline scenario are listed in Table 1.

Table 1 Predicted Existing Baseline Scenario Pollutant Statistics At All Modelled Receptor Locations

Receptor	Receptor Location (ITM)	Annual Mean Concentration (µg/m ³)			No. of PM ₁₀ days > 50 µg/m ³
		NO ₂	PM ₁₀	PM _{2.5}	
CP_DA1	716946.69,735013.94	23.6	17.6	12.2	1
CP_DA2	716932.69,734994.38	19.0	15.2	10.7	<1
CP_DA3	717006.81,734904.12	18.8	15.1	10.7	<1
CP_DA4	717102.5,734843.88	21.4	16.4	11.5	1
CP_DA5	717024.81,734919.62	24.0	17.8	12.3	1
CP_DA6	717091.69,734809.69	19.9	15.7	11.0	1
CP_DA7	717110.38,734771.31	20.3	15.9	11.1	1
CP_DA8	717650,734451	38.3	17.6	12.2	1
CP_DA9	717678,734448	38.7	17.7	12.3	1
CP_DA10	717736,734441	40.9	18.2	12.6	2
CP_DA11	717801,734432	47.8	19.7	13.5	3
CP_DA12	717241.5,734792.06	19.1	15.3	10.8	<1
CP_DA13	717269.81,734790.81	19.0	15.2	10.8	<1
CP_DA14	717325.69,734785.12	18.9	15.2	10.7	<1
CP_DA15	717299.25,734788.06	18.9	15.2	10.7	<1
CP_DA16	717220.75,734795.06	19.3	15.4	10.8	<1
CP_DA17	717455.31,734799.5	21.9	16.8	11.7	1
CP_DA18	717485.75,734796.94	21.9	16.8	11.7	1
CP_DA19	717504.38,734795.69	21.9	16.7	11.6	1
CP_DA20	717495.06,734782.12	21.5	16.5	11.5	1
CP_DA21	717448.12,734786.56	21.2	16.4	11.4	1
CP_DA22	717496.12,734760.56	19.4	15.3	10.8	<1
CP_DA23	717495.25,734739	19.2	15.1	10.7	<1
CP_DA24	717486.69,734608.69	20.2	15.5	10.9	1
CP_DA25	717485.31,734596.38	19.7	15.3	10.8	<1
CP_DA26	717484.19,734576.12	19.8	15.3	10.8	<1
CP_DA27	717485.31,734586.06	19.8	15.4	10.8	<1

Receptor	Receptor Location (ITM)	Annual Mean Concentration ($\mu\text{g}/\text{m}^3$)			No. of PM ₁₀ days > 50 $\mu\text{g}/\text{m}^3$
		NO ₂	PM ₁₀	PM _{2.5}	
CP_DA28	717314.44,734643.62	19.6	15.3	10.8	<1
CP_DA29	717271.94,734647.12	19.7	15.4	10.9	<1
CP_DA30	717294.81,734645.06	19.6	15.4	10.8	<1
CP_DA31	717258.44,734648.25	19.8	15.5	10.9	<1
CP_DA32	717248.19,734648.81	19.9	15.5	10.9	1
CP_DA33	717241.19,734649.88	19.9	15.5	10.9	1
CP_DA34	717208.31,734654.38	20.1	15.6	11.0	1
CP_DA35	717222.06,734652.5	20.0	15.5	10.9	1
CP_DA36	717232.81,734651.88	19.8	15.5	10.9	1
CP_DA37	717280.44,734623.12	19.4	15.3	10.8	<1
CP_DA38	717315.5,734620.75	19.4	15.3	10.8	<1
CP_DA39	717289.5,734623.12	19.5	15.3	10.8	<1
CP_DA40	717299,734621.81	19.4	15.3	10.8	<1
CP_DA41	717822.44,734753.81	19.8	15.5	10.9	<1
CP_DA42	717797.88,734752.5	19.1	15.1	10.7	<1
CP_DA43	717777.62,734753.38	19.0	15.1	10.7	<1
CP_DA44	717759.44,734755.5	19.1	15.2	10.7	<1
CP_DA45	717699.75,734761.81	19.6	15.4	10.9	<1
CP_DA46	717673.56,734763.5	19.5	15.4	10.8	<1
CP_DA47	717735.62,734761.5	21.0	16.0	11.2	1
CP_DA48	717110.69,734784.56	20.6	16.1	11.2	1
CP_DA49	717106.44,734790.5	20.3	15.9	11.1	1
CP_DA50	717102.69,734795.75	20.1	15.8	11.1	1
CP_DA51	717098,734802.94	20.1	15.8	11.1	1
CP_DA52	717088.38,734814.25	19.8	15.7	11.0	1
CP_DA53	717136.62,734835.12	21.0	16.3	11.4	1
CP_DA54	717120.62,734836.19	21.2	16.4	11.4	1
CP_DA55	717113.88,734837.31	21.3	16.4	11.5	1
CP_DA56	717094.62,734852.25	21.3	16.4	11.4	1
CP_DA57	717084.06,734861.62	21.6	16.5	11.5	1
CP_DA58	717074.94,734866.62	22.5	17.0	11.8	1
CP_DA59	717024,734884.19	18.9	15.1	10.7	<1
CP_DA60	717052.31,734893.5	22.3	16.9	11.7	1
CP_DA61	717067.12,734874.75	22.6	17.1	11.8	1
CP_DA62	717062.69,734881.31	22.3	16.9	11.7	1
CP_DA63	717043,734905.19	22.1	16.8	11.7	1
CP_DA64	717037.75,734911.12	22.1	16.8	11.7	1
CP_DA65	716988.56,734965.62	22.7	17.1	11.9	1
CP_DA66	716983.69,734971.19	22.8	17.1	11.9	1

Receptor	Receptor Location (ITM)	Annual Mean Concentration ($\mu\text{g}/\text{m}^3$)			No. of PM ₁₀ days > 50 $\mu\text{g}/\text{m}^3$
		NO ₂	PM ₁₀	PM _{2.5}	
CP_DA67	716976.81,734977.94	23.1	17.3	12.0	1
CP_DA68	716958.88,735000.25	22.9	17.2	11.9	1
CP_DA69	716966.88,734991.06	22.8	17.1	11.9	1
CP_DA70	716941.62,734988.25	19.4	15.4	10.8	<1
CP_DA71	716954.81,735004.06	23.2	17.4	12.0	1
CP_DA72	716949.94,735010.19	23.3	17.4	12.1	1
CP_DA73	717004.62,734946.12	22.9	17.2	11.9	1
CP_DA74	717012.25,734937.69	22.8	17.1	11.9	1
CP_DA75	716921.12,735013.62	19.8	15.6	11.0	1
CP_DA76	716907.38,735030.12	20.1	15.8	11.1	1
CP_DA77	716895.94,735043.44	20.1	15.8	11.1	1
CP_DA78	716869.69,735106	24.4	18.1	12.5	2
CP_DA79	716866.12,735111.94	23.9	17.8	12.3	1
CP_DA80	716897.44,735095.69	20.8	16.1	11.3	1
CP_DA81	716890.25,735100.12	21.1	16.3	11.4	1
CP_DA82	716813.44,735183.62	21.9	16.7	11.6	1
CP_DA83	716806.56,735190.69	22.0	16.8	11.7	1
CP_DA84	716800.56,735197.81	22.0	16.8	11.7	1
CP_DA85	716792.5,735208.5	21.8	16.7	11.6	1
CP_DA86	716772.19,735181.81	19.5	15.5	10.9	1
CP_DA87	716754.69,735204.25	19.7	15.6	11.0	1
CP_DA88	716743.69,735218	19.8	15.6	11.0	1
CP_DA89	716772.44,735232.81	21.9	16.8	11.7	1
CP_DA90	716762.25,735245.5	22.1	16.8	11.7	1
CP_DA91	716736.38,735269.38	26.2	19.0	13.0	2
CP_DA92	716755.94,735251.44	22.4	17.0	11.8	1
CP_DA93	716733.81,735237.38	21.0	16.3	11.4	1
CP_DA94	716748.94,735259.25	22.9	17.2	11.9	1
CP_DA95	716737.62,735232.56	20.9	16.2	11.3	1
CP_DA96	716740.5,735278.25	27.1	19.4	13.2	3
CP_DA97	716754.38,735291.25	24.6	18.0	12.4	2
CP_DA98	716752.88,735340.31	24.6	18.0	12.4	2
CP_DA99	716764.62,735354.38	25.6	18.5	12.7	2
CP_DA100	716792.62,735393.75	24.5	17.9	12.4	2
CP_DA101	716799.19,735401.69	24.5	18.0	12.4	2
CP_DA102	716816.44,735426.94	23.6	17.4	12.1	1
CP_DA103	716822.25,735433.81	23.6	17.5	12.1	1
CP_DA104	716841.56,735401.88	24.0	17.7	12.2	1
CP_DA105	716851.75,735417.44	24.8	18.1	12.5	2

Receptor	Receptor Location (ITM)	Annual Mean Concentration ($\mu\text{g}/\text{m}^3$)			No. of PM ₁₀ days > 50 $\mu\text{g}/\text{m}^3$
		NO ₂	PM ₁₀	PM _{2.5}	
CP_DA106	716856.25,735424.38	25.2	18.3	12.6	2
CP_DA107	716815.12,735372.06	24.4	17.9	12.4	2
CP_DA108	716809.94,735366.75	24.7	18.0	12.4	2
CP_DA109	716842.19,735460.12	23.0	17.2	11.9	1
CP_DA110	716837.75,735454.25	23.1	17.2	12.0	1
CP_DA111	716908.62,735493.12	28.2	19.9	13.6	3
CP_DA112	716918.56,735503.69	27.7	19.6	13.4	3
CP_DA113	716930.62,735520	28.9	20.3	13.8	4
CP_DA114	716910.5,735535.44	23.9	17.6	12.2	1
CP_DA115	716900.56,735526.12	23.5	17.4	12.1	1
CP_DA116	716949.88,735537.12	26.4	19.0	13.0	2
CP_DA117	716952.62,735584.69	23.9	17.6	12.2	1
CP_DA118	716938.88,735568.88	23.9	17.6	12.2	1
CP_DA119	716928.5,735555.75	24.1	17.7	12.3	1
CP_DA120	716968.69,735558.5	26.3	18.9	13.0	2
CP_DA121	716978.19,735574.75	28.5	20.1	13.7	4
CP_DA122	716971.44,735604.56	24.4	17.9	12.3	2
CP_DA123	716983.5,735620.88	23.8	17.6	12.2	1
CP_DA124	717001.44,735597.62	26.6	19.1	13.1	3
CP_DA125	716989.81,735587.88	28.3	20.0	13.6	3
CP_DA126	717016.69,735613.25	25.9	18.7	12.8	2
CP_DA127	716994.94,735632.5	24.2	17.8	12.3	1
CP_DA128	717028.94,735628.69	26.2	18.9	12.9	2
CP_DA129	717038.88,735640.12	26.2	18.8	12.9	2
CP_DA130	717026.62,735671.81	23.7	17.5	12.1	1
CP_DA131	717012.44,735654.69	23.8	17.6	12.2	1
CP_DA132	717052,735654.94	25.9	18.7	12.8	2
CP_DA133	717065.75,735668.88	24.9	18.2	12.5	2
CP_DA134	717080.75,735690.25	25.3	18.4	12.7	2
CP_DA135	717053.06,735704.62	23.9	17.6	12.2	1
CP_DA136	717036.56,735695.12	22.0	16.6	11.6	1
CP_DA137	717067.88,735728.75	22.7	17.0	11.8	1
CP_DA138	717074.62,735681.12	25.1	18.2	12.6	2
CP_DA139	716925.12,734514.62	42.1	18.7	12.9	2
CP_DA140	716911.56,734514.38	43.9	19.1	13.1	3
CP_DA141	717508.75,734636.38	20.1	15.5	10.9	1
CP_DA142	717509.12,734653.94	20.0	15.4	10.9	<1
CP_DA143	717509.88,734665.31	19.9	15.4	10.9	<1
CP_DA144	717509.88,734674.06	20.0	15.4	10.9	<1

Receptor	Receptor Location (ITM)	Annual Mean Concentration ($\mu\text{g}/\text{m}^3$)			No. of PM ₁₀ days > 50 $\mu\text{g}/\text{m}^3$
		NO ₂	PM ₁₀	PM _{2.5}	
CP_DA145	717512.06,734684.31	19.8	15.3	10.8	<1
CP_DA146	717512.81,734705.56	19.8	15.4	10.8	<1
CP_DA147	717513.88,734715.06	19.8	15.4	10.8	<1
CP_DA148	717487.88,734628.31	21.0	15.9	11.2	1
CP_DA149	717471.81,734629.44	20.4	15.6	11.0	1
CP_DA150	717457.5,734630.88	20.1	15.5	10.9	1
CP_DA151	717450.19,734631.62	20.0	15.5	10.9	1
CP_DA152	717530,734626.12	18.8	15.0	10.6	<1
CP_DA153	717422.75,734633.81	19.9	15.4	10.9	<1
CP_DA154	717478.38,734613.31	20.3	15.6	11.0	1
CP_DA155	717455.69,734615.5	20.3	15.6	11.0	1
CP_DA156	717434.44,734617.31	20.4	15.7	11.0	1
CP_DA157	717490.44,734658.69	19.6	15.3	10.8	<1
CP_DA158	717489.75,734675.94	19.2	15.1	10.7	<1
CP_DA159	717493,734695.31	19.3	15.2	10.7	<1
CP_DA160	717097,734499	51.9	21.3	14.4	5
CP_DA161	717207,734488	42.4	18.6	12.8	2
CP_DA162	717264,734486	37.9	17.6	12.2	1
CP_DA163	717308,734481	38.8	17.8	12.3	1
CP_DA164	717326,734479	39.3	17.9	12.4	2
CP_DA165	717383,734475	38.1	17.6	12.2	1
CP_DA166	717405,734476	35.3	17.1	11.9	1
CP_DA167	717472,734472	35.0	17.0	11.8	1
CP_DA168	717528,734467	34.5	16.9	11.8	1
CP_DA169	717565,734460	37.2	17.4	12.1	1
CP_DA170	717855,734430	41.2	18.2	12.6	2
CP_DA171	717907,734429	37.1	17.4	12.1	1
CP_DA172	717958,734433	32.9	16.6	11.6	1
CP_DA173	718008,734444	36.7	17.4	12.0	1
CP_DA174	718026,734539	25.0	17.8	12.3	1
CP_DA175	717479.19,734554.12	19.5	15.2	10.8	<1
CP_DA176	717479,734542.12	19.7	15.3	10.8	<1
CP_DA177	717478.38,734525.19	20.0	15.5	10.9	1
CP_DA178	717475.19,734497.5	20.8	15.8	11.1	1
CP_DA179	717492.94,734476.31	33.8	16.7	11.7	1
CP_DA180	717495.25,734467.25	37.2	17.4	12.1	1
CP_DA181	717495.69,734509.12	21.0	15.9	11.1	1
CP_DA182	717498.25,734542.5	20.4	15.6	11.0	1
CP_DA183	717503.94,734609.12	20.6	15.7	11.0	1

Receptor	Receptor Location (ITM)	Annual Mean Concentration ($\mu\text{g}/\text{m}^3$)			No. of PM ₁₀ days > 50 $\mu\text{g}/\text{m}^3$
		NO ₂	PM ₁₀	PM _{2.5}	
CP_DA184	717498.75,734562.81	20.5	15.6	11.0	1
CP_DA185	717501.44,734583.88	20.3	15.6	11.0	1
CP_DA186	717502.44,734598.25	20.4	15.6	11.0	1
CP_DA187	717512.31,734610	19.6	15.3	10.8	<1
CP_DA188	718027.12,734609.12	23.1	17.0	11.8	1
CP_DA189	718030.94,734636.19	23.5	17.2	12.0	1
CP_DA190	718029.69,734665	23.1	17.0	11.8	1
CP_DA191	718030.12,734700.06	23.3	17.1	11.9	1
CP_DA192	717921.44,734742.5	19.3	15.2	10.7	<1
CP_DA193	717898.56,734745	19.2	15.2	10.7	<1
CP_DA194	717882.5,734746.69	19.3	15.2	10.7	<1
CP_DA195	717956.94,734741.19	19.8	15.5	10.9	<1
CP_DA196	717985.69,734738.69	20.3	15.7	11.0	1
CP_DA197	718020.38,734734	22.1	16.6	11.6	1
CP_DA198	717997.94,734736.12	20.6	15.8	11.1	1
CP_DA199	717970.06,734739.12	19.9	15.5	10.9	1
CP_DA200	717097.88,734507.94	45.0	19.6	13.4	3
CP_DA201	717098.75,734516.94	41.9	18.8	12.9	2
CP_DA202	717099.06,734523.25	40.3	18.5	12.7	2
CP_DA203	717100.25,734534.38	38.9	18.2	12.5	2
CP_DA204	717098.75,734552.56	23.1	17.3	12.0	1
CP_DA205	717098.88,734561.44	22.7	17.1	11.8	1
CP_DA206	717099.69,734582.19	22.2	16.8	11.7	1
CP_DA207	717103.31,734610.31	22.4	16.9	11.8	1
CP_DA208	717105.62,734641.19	22.3	16.9	11.7	1
CP_DA209	717106.69,734665.94	21.6	16.5	11.5	1
CP_DA210	717108.12,734680.06	21.4	16.4	11.5	1
CP_DA211	717108.81,734697.88	21.1	16.3	11.4	1
CP_DA212	717108.56,734689	21.3	16.4	11.4	1
CP_DA213	717110.88,734709.94	21.3	16.4	11.5	1
CP_DA214	717111.75,734726.62	21.2	16.3	11.4	1
CP_DA215	717059.94,734842.62	19.1	15.2	10.8	<1
CP_DA216	716771.69,735313.81	24.1	17.8	12.3	1
CP_DA217	716987.5,734514.62	37.2	17.7	12.2	1
CP_DA218	717055.38,734503.38	44.2	19.3	13.2	3
CP_DA219	716956.62,734511.25	43.2	19.0	13.0	2
CP_DA220	717024.94,734506.38	42.5	18.8	12.9	2
CP_DA221	716882.81,734518.19	41.6	18.6	12.8	2
CP_DA222	716820.25,734523.25	39.4	18.1	12.5	2

Receptor	Receptor Location (ITM)	Annual Mean Concentration ($\mu\text{g}/\text{m}^3$)			No. of PM ₁₀ days > 50 $\mu\text{g}/\text{m}^3$
		NO ₂	PM ₁₀	PM _{2.5}	
CP_DA223	718112.81,734817.44	23.6	17.3	12.0	1
CP_DA224	718111.94,734842.81	25.9	18.5	12.7	2
CP_DA225	716716.38,735306.75	20.6	16.0	11.2	1
CP_DA226	716741.75,735325.56	24.1	17.7	12.3	1

1.1.2 Do Nothing Construction Phase

The Do Nothing (DN) construction phase modelled scenario has been modelled using ADMS-Roads. 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 baseline scenario are listed in Table 2.

Table 2 Predicted Do Nothing Construction Phase Pollutant Statistics At All Modelled Receptor Locations

Receptor	Receptor Location (ITM)	Annual Mean Concentration ($\mu\text{g}/\text{m}^3$)			No. of PM ₁₀ days > 50 $\mu\text{g}/\text{m}^3$
		NO ₂	PM ₁₀	PM _{2.5}	
CP_DA1	716946.69,735013.94	23.2	18.2	12.3	2
CP_DA2	716932.69,734994.38	21.1	15.6	10.9	1
CP_DA3	717006.81,734904.12	21.0	15.5	10.9	1
CP_DA4	717102.5,734843.88	22.3	17.1	11.7	1
CP_DA5	717024.81,734919.62	23.8	19.0	12.8	2
CP_DA6	717091.69,734809.69	21.8	16.5	11.4	1
CP_DA7	717110.38,734771.31	22.1	16.8	11.6	1
CP_DA8	717650,734451	27.2	17.5	11.9	1
CP_DA9	717678,734448	27.4	17.6	12.0	1
CP_DA10	717736,734441	28.3	18.1	12.3	2
CP_DA11	717801,734432	31.5	19.8	13.2	3
CP_DA12	717241.5,734792.06	20.9	15.4	10.8	<1
CP_DA13	717269.81,734790.81	20.9	15.4	10.8	<1
CP_DA14	717325.69,734785.12	20.8	15.2	10.7	<1
CP_DA15	717299.25,734788.06	20.8	15.3	10.7	<1
CP_DA16	717220.75,734795.06	21.0	15.5	10.9	1
CP_DA17	717455.31,734799.5	22.6	17.3	11.9	1
CP_DA18	717485.75,734796.94	22.6	17.3	11.8	1
CP_DA19	717504.38,734795.69	22.3	17.0	11.7	1
CP_DA20	717495.06,734782.12	22.2	16.8	11.6	1
CP_DA21	717448.12,734786.56	22.2	16.8	11.5	1
CP_DA22	717496.12,734760.56	20.8	15.3	10.7	<1
CP_DA23	717495.25,734739	20.7	15.2	10.7	<1
CP_DA24	717486.69,734608.69	20.9	15.5	10.8	1
CP_DA25	717485.31,734596.38	20.8	15.3	10.7	<1
CP_DA26	717484.19,734576.12	20.8	15.4	10.8	<1

Receptor	Receptor Location (ITM)	Annual Mean Concentration ($\mu\text{g}/\text{m}^3$)			No. of PM ₁₀ days > 50 $\mu\text{g}/\text{m}^3$
		NO ₂	PM ₁₀	PM _{2.5}	
CP_DA27	717485.31,734586.06	20.8	15.4	10.8	<1
CP_DA28	717314.44,734643.62	20.7	15.2	10.7	<1
CP_DA29	717271.94,734647.12	20.8	15.3	10.7	<1
CP_DA30	717294.81,734645.06	20.8	15.3	10.7	<1
CP_DA31	717258.44,734648.25	20.9	15.4	10.8	<1
CP_DA32	717248.19,734648.81	20.9	15.4	10.8	<1
CP_DA33	717241.19,734649.88	20.9	15.4	10.8	<1
CP_DA34	717208.31,734654.38	21.0	15.6	10.9	1
CP_DA35	717222.06,734652.5	21.0	15.5	10.8	1
CP_DA36	717232.81,734651.88	20.9	15.4	10.8	<1
CP_DA37	717280.44,734623.12	20.7	15.2	10.7	<1
CP_DA38	717315.5,734620.75	20.7	15.2	10.6	<1
CP_DA39	717289.5,734623.12	20.7	15.2	10.7	<1
CP_DA40	717299,734621.81	20.7	15.2	10.6	<1
CP_DA41	717822.44,734753.81	21.2	15.9	11.0	1
CP_DA42	717797.88,734752.5	20.8	15.4	10.7	<1
CP_DA43	717777.62,734753.38	20.7	15.3	10.7	<1
CP_DA44	717759.44,734755.5	20.8	15.4	10.8	<1
CP_DA45	717699.75,734761.81	20.9	15.5	10.8	<1
CP_DA46	717673.56,734763.5	20.9	15.4	10.8	<1
CP_DA47	717735.62,734761.5	21.8	16.5	11.4	1
CP_DA48	717110.69,734784.56	22.3	17.1	11.7	1
CP_DA49	717106.44,734790.5	22.0	16.8	11.5	1
CP_DA50	717102.69,734795.75	21.9	16.6	11.5	1
CP_DA51	717098,734802.94	22.0	16.7	11.5	1
CP_DA52	717088.38,734814.25	21.7	16.4	11.3	1
CP_DA53	717136.62,734835.12	22.1	16.8	11.6	1
CP_DA54	717120.62,734836.19	22.2	17.0	11.6	1
CP_DA55	717113.88,734837.31	22.3	17.0	11.7	1
CP_DA56	717094.62,734852.25	22.2	17.0	11.7	1
CP_DA57	717084.06,734861.62	22.3	17.2	11.8	1
CP_DA58	717074.94,734866.62	22.9	17.8	12.1	2
CP_DA59	717024,734884.19	21.0	15.6	10.9	1
CP_DA60	717052.31,734893.5	22.7	17.7	12.0	1
CP_DA61	717067.12,734874.75	23.0	18.0	12.2	2
CP_DA62	717062.69,734881.31	22.8	17.7	12.1	1
CP_DA63	717043,734905.19	22.6	17.5	12.0	1
CP_DA64	717037.75,734911.12	22.6	17.6	12.0	1
CP_DA65	716988.56,734965.62	23.0	18.0	12.2	2
CP_DA66	716983.69,734971.19	23.0	18.0	12.2	2

Receptor	Receptor Location (ITM)	Annual Mean Concentration ($\mu\text{g}/\text{m}^3$)			No. of PM ₁₀ days > 50 $\mu\text{g}/\text{m}^3$
		NO ₂	PM ₁₀	PM _{2.5}	
CP_DA67	716976.81,734977.94	23.2	18.3	12.4	2
CP_DA68	716958.88,735000.25	23.0	18.0	12.2	2
CP_DA69	716966.88,734991.06	23.0	18.0	12.2	2
CP_DA70	716941.62,734988.25	21.3	15.9	11.1	1
CP_DA71	716954.81,735004.06	23.2	18.2	12.3	2
CP_DA72	716949.94,735010.19	23.1	18.2	12.3	2
CP_DA73	717004.62,734946.12	23.1	18.2	12.3	2
CP_DA74	717012.25,734937.69	23.0	18.1	12.3	2
CP_DA75	716921.12,735013.62	21.4	16.0	11.1	1
CP_DA76	716907.38,735030.12	21.4	16.1	11.1	1
CP_DA77	716895.94,735043.44	21.4	16.1	11.1	1
CP_DA78	716869.69,735106	22.9	17.9	12.2	2
CP_DA79	716866.12,735111.94	22.7	17.6	12.0	1
CP_DA80	716897.44,735095.69	21.3	16.0	11.1	1
CP_DA81	716890.25,735100.12	21.5	16.2	11.2	1
CP_DA82	716813.44,735183.62	21.8	16.5	11.4	1
CP_DA83	716806.56,735190.69	21.8	16.6	11.4	1
CP_DA84	716800.56,735197.81	21.8	16.6	11.4	1
CP_DA85	716792.5,735208.5	21.8	16.5	11.4	1
CP_DA86	716772.19,735181.81	21.1	15.6	10.9	1
CP_DA87	716754.69,735204.25	21.1	15.7	11.0	1
CP_DA88	716743.69,735218	21.2	15.8	11.0	1
CP_DA89	716772.44,735232.81	21.8	16.5	11.4	1
CP_DA90	716762.25,735245.5	21.8	16.5	11.4	1
CP_DA91	716736.38,735269.38	23.2	18.2	12.4	2
CP_DA92	716755.94,735251.44	21.9	16.7	11.5	1
CP_DA93	716733.81,735237.38	21.8	16.5	11.4	1
CP_DA94	716748.94,735259.25	22.1	16.8	11.6	1
CP_DA95	716737.62,735232.56	21.7	16.5	11.4	1
CP_DA96	716740.5,735278.25	23.4	18.4	12.4	2
CP_DA97	716754.38,735291.25	22.4	17.2	11.8	1
CP_DA98	716752.88,735340.31	23.0	18.0	12.2	2
CP_DA99	716764.62,735354.38	23.5	18.5	12.5	2
CP_DA100	716792.62,735393.75	22.9	17.8	12.1	1
CP_DA101	716799.19,735401.69	22.9	17.9	12.1	2
CP_DA102	716816.44,735426.94	22.5	17.3	11.8	1
CP_DA103	716822.25,735433.81	22.5	17.3	11.8	1
CP_DA104	716841.56,735401.88	22.1	16.9	11.6	1
CP_DA105	716851.75,735417.44	22.4	17.2	11.8	1
CP_DA106	716856.25,735424.38	22.6	17.4	11.9	1

Receptor	Receptor Location (ITM)	Annual Mean Concentration ($\mu\text{g}/\text{m}^3$)			No. of PM ₁₀ days > 50 $\mu\text{g}/\text{m}^3$
		NO ₂	PM ₁₀	PM _{2.5}	
CP_DA107	716815.12,735372.06	22.3	17.1	11.7	1
CP_DA108	716809.94,735366.75	22.4	17.2	11.7	1
CP_DA109	716842.19,735460.12	22.3	17.0	11.7	1
CP_DA110	716837.75,735454.25	22.3	17.1	11.7	1
CP_DA111	716908.62,735493.12	23.6	18.7	12.6	2
CP_DA112	716918.56,735503.69	23.5	18.5	12.5	2
CP_DA113	716930.62,735520	23.9	19.0	12.8	2
CP_DA114	716910.5,735535.44	22.7	17.5	11.9	1
CP_DA115	716900.56,735526.12	22.4	17.2	11.8	1
CP_DA116	716949.88,735537.12	23.0	17.9	12.2	2
CP_DA117	716952.62,735584.69	22.6	17.5	11.9	1
CP_DA118	716938.88,735568.88	22.6	17.5	11.9	1
CP_DA119	716928.5,735555.75	22.7	17.6	12.0	1
CP_DA120	716968.69,735558.5	22.9	17.8	12.1	1
CP_DA121	716978.19,735574.75	23.8	18.9	12.7	2
CP_DA122	716971.44,735604.56	22.8	17.7	12.1	1
CP_DA123	716983.5,735620.88	22.6	17.4	11.9	1
CP_DA124	717001.44,735597.62	23.1	18.0	12.2	2
CP_DA125	716989.81,735587.88	23.7	18.8	12.6	2
CP_DA126	717016.69,735613.25	22.8	17.7	12.0	1
CP_DA127	716994.94,735632.5	22.8	17.7	12.0	1
CP_DA128	717028.94,735628.69	22.9	17.8	12.1	1
CP_DA129	717038.88,735640.12	22.9	17.8	12.1	1
CP_DA130	717026.62,735671.81	22.6	17.4	11.9	1
CP_DA131	717012.44,735654.69	22.6	17.4	11.9	1
CP_DA132	717052,735654.94	22.8	17.7	12.0	1
CP_DA133	717065.75,735668.88	22.4	17.2	11.8	1
CP_DA134	717080.75,735690.25	22.6	17.4	11.9	1
CP_DA135	717053.06,735704.62	22.6	17.5	11.9	1
CP_DA136	717036.56,735695.12	21.8	16.5	11.4	1
CP_DA137	717067.88,735728.75	22.1	16.9	11.6	1
CP_DA138	717074.62,735681.12	22.5	17.3	11.8	1
CP_DA139	716925.12,734514.62	27.9	18.0	12.2	2
CP_DA140	716911.56,734514.38	28.6	18.3	12.4	2
CP_DA141	717508.75,734636.38	20.8	15.3	10.7	<1
CP_DA142	717509.12,734653.94	20.7	15.3	10.7	<1
CP_DA143	717509.88,734665.31	20.7	15.3	10.7	<1
CP_DA144	717509.88,734674.06	20.7	15.3	10.7	<1
CP_DA145	717512.06,734684.31	20.7	15.2	10.7	<1
CP_DA146	717512.81,734705.56	20.7	15.3	10.7	<1

Receptor	Receptor Location (ITM)	Annual Mean Concentration ($\mu\text{g}/\text{m}^3$)			No. of PM ₁₀ days > 50 $\mu\text{g}/\text{m}^3$
		NO ₂	PM ₁₀	PM _{2.5}	
CP_DA147	717513.88,734715.06	20.7	15.2	10.7	<1
CP_DA148	717487.88,734628.31	21.2	15.8	11.0	1
CP_DA149	717471.81,734629.44	21.0	15.5	10.8	1
CP_DA150	717457.5,734630.88	20.9	15.4	10.8	<1
CP_DA151	717450.19,734631.62	20.9	15.4	10.8	<1
CP_DA152	717530,734626.12	20.4	14.9	10.5	<1
CP_DA153	717422.75,734633.81	20.8	15.3	10.7	<1
CP_DA154	717478.38,734613.31	20.9	15.5	10.8	1
CP_DA155	717455.69,734615.5	21.0	15.5	10.8	1
CP_DA156	717434.44,734617.31	21.0	15.5	10.9	1
CP_DA157	717490.44,734658.69	20.7	15.3	10.7	<1
CP_DA158	717489.75,734675.94	20.6	15.1	10.6	<1
CP_DA159	717493,734695.31	20.7	15.2	10.7	<1
CP_DA160	717097,734499	35.8	21.6	14.2	6
CP_DA161	717207,734488	30.2	18.9	12.7	2
CP_DA162	717264,734486	28.0	17.8	12.1	1
CP_DA163	717308,734481	28.5	18.0	12.2	2
CP_DA164	717326,734479	28.7	18.2	12.3	2
CP_DA165	717383,734475	28.1	17.9	12.1	2
CP_DA166	717405,734476	26.8	17.2	11.8	1
CP_DA167	717472,734472	26.5	17.1	11.7	1
CP_DA168	717528,734467	25.7	16.8	11.5	1
CP_DA169	717565,734460	26.8	17.3	11.8	1
CP_DA170	717855,734430	28.5	18.2	12.3	2
CP_DA171	717907,734429	26.8	17.3	11.8	1
CP_DA172	717958,734433	25.2	16.6	11.4	1
CP_DA173	718008,734444	27.3	17.6	12.0	1
CP_DA174	718026,734539	22.8	18.3	12.3	2
CP_DA175	717479.19,734554.12	20.7	15.2	10.7	<1
CP_DA176	717479,734542.12	20.7	15.3	10.7	<1
CP_DA177	717478.38,734525.19	20.9	15.5	10.8	1
CP_DA178	717475.19,734497.5	21.1	15.8	11.0	1
CP_DA179	717492.94,734476.31	25.4	16.6	11.4	1
CP_DA180	717495.25,734467.25	26.9	17.3	11.8	1
CP_DA181	717495.69,734509.12	21.0	15.7	10.9	1
CP_DA182	717498.25,734542.5	20.8	15.5	10.8	1
CP_DA183	717503.94,734609.12	20.9	15.5	10.8	<1
CP_DA184	717498.75,734562.81	20.9	15.5	10.8	1
CP_DA185	717501.44,734583.88	20.8	15.4	10.8	<1
CP_DA186	717502.44,734598.25	20.8	15.4	10.8	<1

Receptor	Receptor Location (ITM)	Annual Mean Concentration ($\mu\text{g}/\text{m}^3$)			No. of PM ₁₀ days > 50 $\mu\text{g}/\text{m}^3$
		NO ₂	PM ₁₀	PM _{2.5}	
CP_DA187	717512.31,734610	20.6	15.1	10.6	<1
CP_DA188	718027.12,734609.12	22.1	17.4	11.8	1
CP_DA189	718030.94,734636.19	22.3	17.7	12.0	1
CP_DA190	718029.69,734665	22.1	17.5	11.9	1
CP_DA191	718030.12,734700.06	22.2	17.6	12.0	1
CP_DA192	717921.44,734742.5	20.9	15.5	10.9	1
CP_DA193	717898.56,734745	20.9	15.5	10.8	1
CP_DA194	717882.5,734746.69	20.9	15.5	10.9	1
CP_DA195	717956.94,734741.19	21.1	15.9	11.0	1
CP_DA196	717985.69,734738.69	21.3	16.2	11.2	1
CP_DA197	718020.38,734734	21.9	17.1	11.7	1
CP_DA198	717997.94,734736.12	21.3	16.2	11.2	1
CP_DA199	717970.06,734739.12	21.1	15.9	11.0	1
CP_DA200	717097.88,734507.94	33.5	20.3	13.5	4
CP_DA201	717098.75,734516.94	32.7	19.8	13.2	3
CP_DA202	717099.06,734523.25	32.2	19.5	13.0	3
CP_DA203	717100.25,734534.38	32.0	19.4	13.0	3
CP_DA204	717098.75,734552.56	23.1	18.2	12.3	2
CP_DA205	717098.88,734561.44	22.9	18.0	12.2	2
CP_DA206	717099.69,734582.19	22.8	17.7	12.1	1
CP_DA207	717103.31,734610.31	23.1	18.1	12.3	2
CP_DA208	717105.62,734641.19	23.1	18.1	12.3	2
CP_DA209	717106.69,734665.94	22.7	17.6	12.0	1
CP_DA210	717108.12,734680.06	22.7	17.6	12.0	1
CP_DA211	717108.81,734697.88	22.6	17.4	11.9	1
CP_DA212	717108.56,734689	22.6	17.5	12.0	1
CP_DA213	717110.88,734709.94	22.8	17.7	12.0	1
CP_DA214	717111.75,734726.62	22.7	17.6	12.0	1
CP_DA215	717059.94,734842.62	21.2	15.7	11.0	1
CP_DA216	716771.69,735313.81	22.2	17.0	11.6	1
CP_DA217	716987.5,734514.62	26.3	17.1	11.7	1
CP_DA218	717055.38,734503.38	29.4	18.6	12.5	2
CP_DA219	716956.62,734511.25	28.4	18.2	12.3	2
CP_DA220	717024.94,734506.38	28.4	18.1	12.3	2
CP_DA221	716882.81,734518.19	27.7	17.9	12.1	2
CP_DA222	716820.25,734523.25	27.0	17.5	11.9	1
CP_DA223	718112.81,734817.44	21.9	17.2	11.7	1
CP_DA224	718111.94,734842.81	22.7	18.4	12.4	2
CP_DA225	716716.38,735306.75	21.4	16.0	11.1	1
CP_DA226	716741.75,735325.56	22.8	17.7	12.0	1

1.1.3 Do Something Construction Phase

The Do Something (DS) construction phase modelled scenario has been modelled using ADMS-Roads. 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 baseline scenario are listed in Table 3.

Table 3 Predicted Do Something Construction Phase Pollutant Statistics At All Modelled Receptor Locations

Receptor	Receptor Location (ITM)	Annual Mean Concentration (µg/m ³)			No. of PM ₁₀ days > 50 µg/m ³
		NO ₂	PM ₁₀	PM _{2.5}	
CP_DA1	716946.69,735013.94	24.1	19.3	12.9	3
CP_DA2	716932.69,734994.38	21.4	16.0	11.1	1
CP_DA3	717006.81,734904.12	21.2	15.8	11.0	1
CP_DA4	717102.5,734843.88	22.3	17.1	11.7	1
CP_DA5	717024.81,734919.62	24.8	20.2	13.4	4
CP_DA6	717091.69,734809.69	21.5	16.2	11.2	1
CP_DA7	717110.38,734771.31	21.8	16.5	11.4	1
CP_DA8	717650,734451	28.0	17.8	12.1	1
CP_DA9	717678,734448	28.2	17.9	12.2	2
CP_DA10	717736,734441	29.3	18.5	12.5	2
CP_DA11	717801,734432	32.8	20.3	13.4	4
CP_DA12	717241.5,734792.06	20.3	14.7	10.4	<1
CP_DA13	717269.81,734790.81	20.2	14.6	10.3	<1
CP_DA14	717325.69,734785.12	20.2	14.5	10.3	<1
CP_DA15	717299.25,734788.06	20.2	14.6	10.3	<1
CP_DA16	717220.75,734795.06	20.4	14.8	10.4	<1
CP_DA17	717455.31,734799.5	20.1	14.5	10.3	<1
CP_DA18	717485.75,734796.94	20.2	14.6	10.4	<1
CP_DA19	717504.38,734795.69	20.5	15.0	10.5	<1
CP_DA20	717495.06,734782.12	20.5	14.9	10.5	<1
CP_DA21	717448.12,734786.56	20.1	14.5	10.3	<1
CP_DA22	717496.12,734760.56	20.6	15.1	10.6	<1
CP_DA23	717495.25,734739	20.7	15.2	10.6	<1
CP_DA24	717486.69,734608.69	21.2	15.7	11.0	1
CP_DA25	717485.31,734596.38	21.0	15.5	10.8	1
CP_DA26	717484.19,734576.12	21.0	15.6	10.9	1
CP_DA27	717485.31,734586.06	21.0	15.6	10.9	1
CP_DA28	717314.44,734643.62	20.9	15.3	10.7	<1
CP_DA29	717271.94,734647.12	20.9	15.4	10.8	<1
CP_DA30	717294.81,734645.06	20.9	15.4	10.8	<1
CP_DA31	717258.44,734648.25	21.0	15.5	10.8	<1
CP_DA32	717248.19,734648.81	21.0	15.5	10.8	1
CP_DA33	717241.19,734649.88	21.0	15.5	10.8	1

Receptor	Receptor Location (ITM)	Annual Mean Concentration ($\mu\text{g}/\text{m}^3$)			No. of PM ₁₀ days > 50 $\mu\text{g}/\text{m}^3$
		NO ₂	PM ₁₀	PM _{2.5}	
CP_DA34	717208.31,734654.38	21.1	15.6	10.9	1
CP_DA35	717222.06,734652.5	21.1	15.6	10.9	1
CP_DA36	717232.81,734651.88	21.0	15.5	10.8	1
CP_DA37	717280.44,734623.12	20.8	15.3	10.7	<1
CP_DA38	717315.5,734620.75	20.8	15.2	10.7	<1
CP_DA39	717289.5,734623.12	20.8	15.3	10.7	<1
CP_DA40	717299,734621.81	20.8	15.3	10.7	<1
CP_DA41	717822.44,734753.81	20.8	15.5	10.8	1
CP_DA42	717797.88,734752.5	20.5	15.1	10.6	<1
CP_DA43	717777.62,734753.38	20.5	15.1	10.6	<1
CP_DA44	717759.44,734755.5	20.5	15.1	10.6	<1
CP_DA45	717699.75,734761.81	20.4	15.0	10.5	<1
CP_DA46	717673.56,734763.5	20.4	14.9	10.5	<1
CP_DA47	717735.62,734761.5	21.1	15.9	11.1	1
CP_DA48	717110.69,734784.56	22.0	16.7	11.5	1
CP_DA49	717106.44,734790.5	21.7	16.4	11.4	1
CP_DA50	717102.69,734795.75	21.6	16.3	11.3	1
CP_DA51	717098,734802.94	21.6	16.3	11.3	1
CP_DA52	717088.38,734814.25	21.5	16.1	11.2	1
CP_DA53	717136.62,734835.12	21.1	15.6	10.9	1
CP_DA54	717120.62,734836.19	21.5	16.2	11.2	1
CP_DA55	717113.88,734837.31	21.8	16.5	11.4	1
CP_DA56	717094.62,734852.25	22.4	17.3	11.8	1
CP_DA57	717084.06,734861.62	22.7	17.6	12.0	1
CP_DA58	717074.94,734866.62	23.5	18.5	12.5	2
CP_DA59	717024,734884.19	21.2	15.8	11.0	1
CP_DA60	717052.31,734893.5	23.4	18.5	12.5	2
CP_DA61	717067.12,734874.75	23.7	18.8	12.6	2
CP_DA62	717062.69,734881.31	23.4	18.5	12.5	2
CP_DA63	717043,734905.19	23.3	18.3	12.4	2
CP_DA64	717037.75,734911.12	23.3	18.3	12.4	2
CP_DA65	716988.56,734965.62	23.8	19.0	12.8	2
CP_DA66	716983.69,734971.19	23.9	19.0	12.8	2
CP_DA67	716976.81,734977.94	24.2	19.4	13.0	3
CP_DA68	716958.88,735000.25	23.9	19.0	12.8	2
CP_DA69	716966.88,734991.06	23.8	19.0	12.8	2
CP_DA70	716941.62,734988.25	21.7	16.4	11.3	1
CP_DA71	716954.81,735004.06	24.1	19.3	12.9	3
CP_DA72	716949.94,735010.19	24.0	19.2	12.9	3
CP_DA73	717004.62,734946.12	24.0	19.2	12.9	3

Receptor	Receptor Location (ITM)	Annual Mean Concentration ($\mu\text{g}/\text{m}^3$)			No. of PM ₁₀ days > 50 $\mu\text{g}/\text{m}^3$
		NO ₂	PM ₁₀	PM _{2.5}	
CP_DA74	717012.25,734937.69	23.9	19.1	12.8	3
CP_DA75	716921.12,735013.62	21.8	16.5	11.4	1
CP_DA76	716907.38,735030.12	21.8	16.6	11.4	1
CP_DA77	716895.94,735043.44	21.9	16.6	11.4	1
CP_DA78	716869.69,735106	23.8	19.0	12.8	2
CP_DA79	716866.12,735111.94	23.5	18.6	12.5	2
CP_DA80	716897.44,735095.69	21.8	16.4	11.4	1
CP_DA81	716890.25,735100.12	22.0	16.7	11.5	1
CP_DA82	716813.44,735183.62	22.3	17.1	11.7	1
CP_DA83	716806.56,735190.69	22.4	17.2	11.8	1
CP_DA84	716800.56,735197.81	22.4	17.2	11.8	1
CP_DA85	716792.5,735208.5	22.3	17.1	11.7	1
CP_DA86	716772.19,735181.81	21.4	16.0	11.1	1
CP_DA87	716754.69,735204.25	21.5	16.2	11.2	1
CP_DA88	716743.69,735218	21.6	16.2	11.2	1
CP_DA89	716772.44,735232.81	22.3	17.1	11.7	1
CP_DA90	716762.25,735245.5	22.3	17.1	11.7	1
CP_DA91	716736.38,735269.38	23.8	19.0	12.7	2
CP_DA92	716755.94,735251.44	22.5	17.3	11.8	1
CP_DA93	716733.81,735237.38	22.3	17.1	11.7	1
CP_DA94	716748.94,735259.25	22.6	17.5	11.9	1
CP_DA95	716737.62,735232.56	22.3	17.1	11.7	1
CP_DA96	716740.5,735278.25	23.9	19.0	12.8	2
CP_DA97	716754.38,735291.25	22.8	17.6	12.0	1
CP_DA98	716752.88,735340.31	23.4	18.4	12.4	2
CP_DA99	716764.62,735354.38	23.9	19.0	12.8	2
CP_DA100	716792.62,735393.75	23.3	18.2	12.3	2
CP_DA101	716799.19,735401.69	23.3	18.3	12.4	2
CP_DA102	716816.44,735426.94	22.8	17.7	12.0	1
CP_DA103	716822.25,735433.81	22.8	17.7	12.0	1
CP_DA104	716841.56,735401.88	22.4	17.2	11.7	1
CP_DA105	716851.75,735417.44	22.7	17.5	12.0	1
CP_DA106	716856.25,735424.38	22.9	17.7	12.1	1
CP_DA107	716815.12,735372.06	22.6	17.4	11.9	1
CP_DA108	716809.94,735366.75	22.7	17.5	11.9	1
CP_DA109	716842.19,735460.12	22.5	17.3	11.9	1
CP_DA110	716837.75,735454.25	22.6	17.4	11.9	1
CP_DA111	716908.62,735493.12	24.1	19.2	12.9	3
CP_DA112	716918.56,735503.69	23.8	19.0	12.7	2
CP_DA113	716930.62,735520	24.4	19.6	13.1	3

Receptor	Receptor Location (ITM)	Annual Mean Concentration ($\mu\text{g}/\text{m}^3$)			No. of PM ₁₀ days > 50 $\mu\text{g}/\text{m}^3$
		NO ₂	PM ₁₀	PM _{2.5}	
CP_DA114	716910.5,735535.44	23.0	17.9	12.1	2
CP_DA115	716900.56,735526.12	22.7	17.6	12.0	1
CP_DA116	716949.88,735537.12	23.3	18.3	12.4	2
CP_DA117	716952.62,735584.69	22.9	17.8	12.1	1
CP_DA118	716938.88,735568.88	22.9	17.8	12.1	1
CP_DA119	716928.5,735555.75	23.0	18.0	12.2	2
CP_DA120	716968.69,735558.5	23.3	18.2	12.3	2
CP_DA121	716978.19,735574.75	24.2	19.4	13.0	3
CP_DA122	716971.44,735604.56	23.2	18.1	12.3	2
CP_DA123	716983.5,735620.88	22.9	17.8	12.1	1
CP_DA124	717001.44,735597.62	23.4	18.4	12.4	2
CP_DA125	716989.81,735587.88	24.1	19.3	12.9	3
CP_DA126	717016.69,735613.25	23.1	18.0	12.2	2
CP_DA127	716994.94,735632.5	23.1	18.0	12.2	2
CP_DA128	717028.94,735628.69	23.3	18.2	12.3	2
CP_DA129	717038.88,735640.12	23.2	18.2	12.3	2
CP_DA130	717026.62,735671.81	22.9	17.7	12.1	1
CP_DA131	717012.44,735654.69	22.9	17.8	12.1	1
CP_DA132	717052,735654.94	23.1	18.1	12.2	2
CP_DA133	717065.75,735668.88	22.7	17.6	12.0	1
CP_DA134	717080.75,735690.25	22.9	17.8	12.1	1
CP_DA135	717053.06,735704.62	22.9	17.8	12.1	1
CP_DA136	717036.56,735695.12	22.0	16.8	11.5	1
CP_DA137	717067.88,735728.75	22.4	17.2	11.8	1
CP_DA138	717074.62,735681.12	22.8	17.7	12.0	1
CP_DA139	716925.12,734514.62	28.7	18.2	12.3	2
CP_DA140	716911.56,734514.38	29.5	18.6	12.5	2
CP_DA141	717508.75,734636.38	21.0	15.5	10.8	1
CP_DA142	717509.12,734653.94	20.9	15.5	10.8	<1
CP_DA143	717509.88,734665.31	20.9	15.4	10.8	<1
CP_DA144	717509.88,734674.06	20.9	15.4	10.8	<1
CP_DA145	717512.06,734684.31	20.8	15.3	10.7	<1
CP_DA146	717512.81,734705.56	20.8	15.4	10.7	<1
CP_DA147	717513.88,734715.06	20.8	15.3	10.7	<1
CP_DA148	717487.88,734628.31	21.5	16.1	11.2	1
CP_DA149	717471.81,734629.44	21.2	15.7	11.0	1
CP_DA150	717457.5,734630.88	21.1	15.6	10.9	1
CP_DA151	717450.19,734631.62	21.1	15.5	10.9	1
CP_DA152	717530,734626.12	20.5	14.9	10.5	<1
CP_DA153	717422.75,734633.81	21.0	15.5	10.8	1

Receptor	Receptor Location (ITM)	Annual Mean Concentration ($\mu\text{g}/\text{m}^3$)			No. of PM ₁₀ days > 50 $\mu\text{g}/\text{m}^3$
		NO ₂	PM ₁₀	PM _{2.5}	
CP_DA154	717478.38,734613.31	21.1	15.7	10.9	1
CP_DA155	717455.69,734615.5	21.2	15.7	10.9	1
CP_DA156	717434.44,734617.31	21.2	15.7	11.0	1
CP_DA157	717490.44,734658.69	20.9	15.5	10.8	<1
CP_DA158	717489.75,734675.94	20.7	15.2	10.7	<1
CP_DA159	717493,734695.31	20.8	15.3	10.7	<1
CP_DA160	717097,734499	36.2	21.7	14.3	6
CP_DA161	717207,734488	31.3	19.2	12.9	3
CP_DA162	717264,734486	28.9	18.1	12.3	2
CP_DA163	717308,734481	29.5	18.4	12.4	2
CP_DA164	717326,734479	29.7	18.5	12.5	2
CP_DA165	717383,734475	29.1	18.2	12.3	2
CP_DA166	717405,734476	27.7	17.5	11.9	1
CP_DA167	717472,734472	27.5	17.4	11.9	1
CP_DA168	717528,734467	26.4	17.0	11.7	1
CP_DA169	717565,734460	27.6	17.6	12.0	1
CP_DA170	717855,734430	29.4	18.5	12.5	2
CP_DA171	717907,734429	27.5	17.6	12.0	1
CP_DA172	717958,734433	25.7	16.8	11.5	1
CP_DA173	718008,734444	27.7	17.7	12.0	1
CP_DA174	718026,734539	22.9	18.3	12.4	2
CP_DA175	717479.19,734554.12	20.9	15.4	10.8	<1
CP_DA176	717479,734542.12	20.9	15.5	10.8	1
CP_DA177	717478.38,734525.19	21.1	15.7	10.9	1
CP_DA178	717475.19,734497.5	21.4	16.1	11.1	1
CP_DA179	717492.94,734476.31	26.4	16.9	11.6	1
CP_DA180	717495.25,734467.25	27.9	17.7	12.0	1
CP_DA181	717495.69,734509.12	21.3	15.9	11.1	1
CP_DA182	717498.25,734542.5	21.1	15.7	10.9	1
CP_DA183	717503.94,734609.12	21.1	15.7	10.9	1
CP_DA184	717498.75,734562.81	21.1	15.7	10.9	1
CP_DA185	717501.44,734583.88	21.0	15.6	10.9	1
CP_DA186	717502.44,734598.25	21.1	15.6	10.9	1
CP_DA187	717512.31,734610	20.8	15.3	10.7	<1
CP_DA188	718027.12,734609.12	22.1	17.4	11.9	1
CP_DA189	718030.94,734636.19	22.3	17.7	12.0	1
CP_DA190	718029.69,734665	22.2	17.5	11.9	1
CP_DA191	718030.12,734700.06	22.2	17.6	12.0	1
CP_DA192	717921.44,734742.5	20.7	15.4	10.8	<1
CP_DA193	717898.56,734745	20.7	15.3	10.7	<1

Receptor	Receptor Location (ITM)	Annual Mean Concentration ($\mu\text{g}/\text{m}^3$)			No. of PM ₁₀ days > 50 $\mu\text{g}/\text{m}^3$
		NO ₂	PM ₁₀	PM _{2.5}	
CP_DA194	717882.5,734746.69	20.7	15.3	10.7	<1
CP_DA195	717956.94,734741.19	20.9	15.7	10.9	1
CP_DA196	717985.69,734738.69	21.1	16.0	11.1	1
CP_DA197	718020.38,734734	21.8	17.0	11.6	1
CP_DA198	717997.94,734736.12	21.2	16.1	11.1	1
CP_DA199	717970.06,734739.12	20.9	15.7	10.9	1
CP_DA200	717097.88,734507.94	33.6	20.3	13.5	4
CP_DA201	717098.75,734516.94	32.6	19.7	13.1	3
CP_DA202	717099.06,734523.25	32.0	19.4	13.0	3
CP_DA203	717100.25,734534.38	31.7	19.2	12.9	3
CP_DA204	717098.75,734552.56	23.0	18.1	12.2	2
CP_DA205	717098.88,734561.44	22.9	17.8	12.1	1
CP_DA206	717099.69,734582.19	22.7	17.6	12.0	1
CP_DA207	717103.31,734610.31	22.9	17.9	12.2	2
CP_DA208	717105.62,734641.19	22.9	17.9	12.2	2
CP_DA209	717106.69,734665.94	22.6	17.4	11.9	1
CP_DA210	717108.12,734680.06	22.5	17.4	11.9	1
CP_DA211	717108.81,734697.88	22.3	17.1	11.7	1
CP_DA212	717108.56,734689	22.4	17.3	11.8	1
CP_DA213	717110.88,734709.94	22.5	17.4	11.9	1
CP_DA214	717111.75,734726.62	22.4	17.3	11.8	1
CP_DA215	717059.94,734842.62	21.3	15.8	11.0	1
CP_DA216	716771.69,735313.81	22.5	17.3	11.8	1
CP_DA217	716987.5,734514.62	26.8	17.2	11.8	1
CP_DA218	717055.38,734503.38	30.1	18.8	12.6	2
CP_DA219	716956.62,734511.25	29.2	18.4	12.4	2
CP_DA220	717024.94,734506.38	29.1	18.4	12.4	2
CP_DA221	716882.81,734518.19	28.5	18.1	12.3	2
CP_DA222	716820.25,734523.25	27.8	17.7	12.1	1
CP_DA223	718112.81,734817.44	21.8	17.1	11.7	1
CP_DA224	718111.94,734842.81	22.5	18.2	12.3	2
CP_DA225	716716.38,735306.75	21.6	16.2	11.2	1
CP_DA226	716741.75,735325.56	23.2	18.1	12.3	2

1.1.4 DS-DN Construction Phase Impact

Table 4 provides the predicted change in and impact on pollutant concentrations, between the DM and DS for the construction phase.

Table 4 Predicted Construction Phase Pollutant Concentration Changes and Impacts At All Modelled Receptor Locations

Receptor	Receptor Location (ITM)	Change in Annual Mean Concentrations ($\mu\text{g}/\text{m}^3$)			Change in No. of PM_{10} days > 50 $\mu\text{g}/\text{m}^3$	Impact on Annual Mean Concentration		
		NO_2	PM_{10}	$\text{PM}_{2.5}$		NO_2	PM_{10}	$\text{PM}_{2.5}$
CP_DA1	716946.69,735013.94	0.9	1.1	0.6	1	Negligible	Negligible	Negligible
CP_DA2	716932.69,734994.38	0.3	0.4	0.2	0	Negligible	Negligible	Negligible
CP_DA3	717006.81,734904.12	0.2	0.3	0.1	0	Negligible	Negligible	Negligible
CP_DA4	717102.5,734843.88	0.0	0.0	0.0	0	Negligible	Negligible	Negligible
CP_DA5	717024.81,734919.62	1.0	1.2	0.7	2	Negligible	Negligible	Negligible
CP_DA6	717091.69,734809.69	-0.3	-0.3	-0.2	0	Negligible	Negligible	Negligible
CP_DA7	717110.38,734771.31	-0.3	-0.3	-0.2	0	Negligible	Negligible	Negligible
CP_DA8	717650,734451	0.8	0.3	0.2	0	Negligible	Negligible	Negligible
CP_DA9	717678,734448	0.9	0.3	0.2	1	Negligible	Negligible	Negligible
CP_DA10	717736,734441	1.0	0.3	0.2	0	Negligible	Negligible	Negligible
CP_DA11	717801,734432	1.3	0.5	0.3	1	Negligible	Negligible	Negligible
CP_DA12	717241.5,734792.06	-0.6	-0.7	-0.4	<1	Negligible	Negligible	Negligible
CP_DA13	717269.81,734790.81	-0.7	-0.7	-0.4	<1	Negligible	Negligible	Negligible
CP_DA14	717325.69,734785.12	-0.6	-0.7	-0.4	<1	Negligible	Negligible	Negligible
CP_DA15	717299.25,734788.06	-0.7	-0.7	-0.4	<1	Negligible	Negligible	Negligible
CP_DA16	717220.75,734795.06	-0.7	-0.7	-0.4	<1	Negligible	Negligible	Negligible
CP_DA17	717455.31,734799.5	-2.5	-2.8	-1.6	<1	Negligible	Negligible	Negligible
CP_DA18	717485.75,734796.94	-2.4	-2.6	-1.5	<1	Negligible	Negligible	Negligible
CP_DA19	717504.38,734795.69	-1.9	-2.1	-1.1	<1	Negligible	Negligible	Negligible
CP_DA20	717495.06,734782.12	-1.7	-1.9	-1.1	<1	Negligible	Negligible	Negligible
CP_DA21	717448.12,734786.56	-2.0	-2.2	-1.3	<1	Negligible	Negligible	Negligible
CP_DA22	717496.12,734760.56	-0.2	-0.2	-0.1	<1	Negligible	Negligible	Negligible
CP_DA23	717495.25,734739	0.0	0.0	0.0	<1	Negligible	Negligible	Negligible
CP_DA24	717486.69,734608.69	0.3	0.2	0.1	0	Negligible	Negligible	Negligible
CP_DA25	717485.31,734596.38	0.2	0.2	0.1	<1	Negligible	Negligible	Negligible
CP_DA26	717484.19,734576.12	0.2	0.2	0.1	<1	Negligible	Negligible	Negligible
CP_DA27	717485.31,734586.06	0.2	0.2	0.1	<1	Negligible	Negligible	Negligible
CP_DA28	717314.44,734643.62	0.1	0.1	0.1	<1	Negligible	Negligible	Negligible
CP_DA29	717271.94,734647.12	0.1	0.1	0.1	<1	Negligible	Negligible	Negligible
CP_DA30	717294.81,734645.06	0.1	0.1	0.1	<1	Negligible	Negligible	Negligible
CP_DA31	717258.44,734648.25	0.1	0.1	0.1	<1	Negligible	Negligible	Negligible
CP_DA32	717248.19,734648.81	0.1	0.1	0.1	<1	Negligible	Negligible	Negligible
CP_DA33	717241.19,734649.88	0.1	0.1	0.0	<1	Negligible	Negligible	Negligible

Receptor	Receptor Location (ITM)	Change in Annual Mean Concentrations ($\mu\text{g}/\text{m}^3$)			Change in No. of PM_{10} days $> 50 \mu\text{g}/\text{m}^3$	Impact on Annual Mean Concentration		
		NO_2	PM_{10}	$\text{PM}_{2.5}$		NO_2	PM_{10}	$\text{PM}_{2.5}$
CP_DA34	717208.31,734654.38	0.1	0.1	0.0	0	Negligible	Negligible	Negligible
CP_DA35	717222.06,734652.5	0.1	0.1	0.0	0	Negligible	Negligible	Negligible
CP_DA36	717232.81,734651.88	0.1	0.1	0.0	<1	Negligible	Negligible	Negligible
CP_DA37	717280.44,734623.12	0.1	0.1	0.0	<1	Negligible	Negligible	Negligible
CP_DA38	717315.5,734620.75	0.1	0.1	0.0	<1	Negligible	Negligible	Negligible
CP_DA39	717289.5,734623.12	0.1	0.1	0.0	<1	Negligible	Negligible	Negligible
CP_DA40	717299,734621.81	0.1	0.1	0.0	<1	Negligible	Negligible	Negligible
CP_DA41	717822.44,734753.81	-0.4	-0.4	-0.2	0	Negligible	Negligible	Negligible
CP_DA42	717797.88,734752.5	-0.3	-0.2	-0.1	<1	Negligible	Negligible	Negligible
CP_DA43	717777.62,734753.38	-0.3	-0.2	-0.1	<1	Negligible	Negligible	Negligible
CP_DA44	717759.44,734755.5	-0.3	-0.3	-0.2	<1	Negligible	Negligible	Negligible
CP_DA45	717699.75,734761.81	-0.5	-0.5	-0.3	<1	Negligible	Negligible	Negligible
CP_DA46	717673.56,734763.5	-0.5	-0.4	-0.2	<1	Negligible	Negligible	Negligible
CP_DA47	717735.62,734761.5	-0.7	-0.6	-0.4	0	Negligible	Negligible	Negligible
CP_DA48	717110.69,734784.56	-0.3	-0.3	-0.2	0	Negligible	Negligible	Negligible
CP_DA49	717106.44,734790.5	-0.3	-0.3	-0.2	0	Negligible	Negligible	Negligible
CP_DA50	717102.69,734795.75	-0.3	-0.3	-0.2	0	Negligible	Negligible	Negligible
CP_DA51	717098,734802.94	-0.3	-0.4	-0.2	0	Negligible	Negligible	Negligible
CP_DA52	717088.38,734814.25	-0.2	-0.3	-0.1	0	Negligible	Negligible	Negligible
CP_DA53	717136.62,734835.12	-1.1	-1.2	-0.7	0	Negligible	Negligible	Negligible
CP_DA54	717120.62,734836.19	-0.7	-0.8	-0.4	0	Negligible	Negligible	Negligible
CP_DA55	717113.88,734837.31	-0.5	-0.5	-0.3	0	Negligible	Negligible	Negligible
CP_DA56	717094.62,734852.25	0.2	0.2	0.1	0	Negligible	Negligible	Negligible
CP_DA57	717084.06,734861.62	0.4	0.4	0.2	0	Negligible	Negligible	Negligible
CP_DA58	717074.94,734866.62	0.6	0.7	0.4	0	Negligible	Negligible	Negligible
CP_DA59	717024,734884.19	0.2	0.2	0.1	0	Negligible	Negligible	Negligible
CP_DA60	717052.31,734893.5	0.7	0.8	0.4	1	Negligible	Negligible	Negligible
CP_DA61	717067.12,734874.75	0.7	0.8	0.4	0	Negligible	Negligible	Negligible
CP_DA62	717062.69,734881.31	0.7	0.7	0.4	1	Negligible	Negligible	Negligible
CP_DA63	717043,734905.19	0.7	0.8	0.4	1	Negligible	Negligible	Negligible
CP_DA64	717037.75,734911.12	0.7	0.8	0.4	1	Negligible	Negligible	Negligible
CP_DA65	716988.56,734965.62	0.9	1.0	0.5	0	Negligible	Negligible	Negligible
CP_DA66	716983.69,734971.19	0.9	1.0	0.6	0	Negligible	Negligible	Negligible
CP_DA67	716976.81,734977.94	0.9	1.1	0.6	1	Negligible	Negligible	Negligible
CP_DA68	716958.88,735000.25	0.9	1.0	0.6	0	Negligible	Negligible	Negligible
CP_DA69	716966.88,734991.06	0.9	1.0	0.6	0	Negligible	Negligible	Negligible
CP_DA70	716941.62,734988.25	0.4	0.4	0.2	0	Negligible	Negligible	Negligible
CP_DA71	716954.81,735004.06	0.9	1.1	0.6	1	Negligible	Negligible	Negligible
CP_DA72	716949.94,735010.19	0.9	1.0	0.6	1	Negligible	Negligible	Negligible

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		NO_2	PM_{10}	$\text{PM}_{2.5}$		NO_2	PM_{10}	$\text{PM}_{2.5}$
CP_DA73	717004.62,734946.12	0.9	1.0	0.6	1	Negligible	Negligible	Negligible
CP_DA74	717012.25,734937.69	0.9	1.0	0.5	1	Negligible	Negligible	Negligible
CP_DA75	716921.12,735013.62	0.4	0.5	0.3	0	Negligible	Negligible	Negligible
CP_DA76	716907.38,735030.12	0.4	0.5	0.3	0	Negligible	Negligible	Negligible
CP_DA77	716895.94,735043.44	0.5	0.5	0.3	0	Negligible	Negligible	Negligible
CP_DA78	716869.69,735106	0.9	1.0	0.6	0	Negligible	Negligible	Negligible
CP_DA79	716866.12,735111.94	0.8	0.9	0.5	1	Negligible	Negligible	Negligible
CP_DA80	716897.44,735095.69	0.4	0.5	0.3	0	Negligible	Negligible	Negligible
CP_DA81	716890.25,735100.12	0.5	0.5	0.3	0	Negligible	Negligible	Negligible
CP_DA82	716813.44,735183.62	0.6	0.6	0.4	0	Negligible	Negligible	Negligible
CP_DA83	716806.56,735190.69	0.6	0.7	0.4	0	Negligible	Negligible	Negligible
CP_DA84	716800.56,735197.81	0.6	0.7	0.4	0	Negligible	Negligible	Negligible
CP_DA85	716792.5,735208.5	0.6	0.6	0.3	0	Negligible	Negligible	Negligible
CP_DA86	716772.19,735181.81	0.4	0.4	0.2	0	Negligible	Negligible	Negligible
CP_DA87	716754.69,735204.25	0.4	0.4	0.2	0	Negligible	Negligible	Negligible
CP_DA88	716743.69,735218	0.4	0.4	0.2	0	Negligible	Negligible	Negligible
CP_DA89	716772.44,735232.81	0.6	0.6	0.3	0	Negligible	Negligible	Negligible
CP_DA90	716762.25,735245.5	0.6	0.6	0.3	0	Negligible	Negligible	Negligible
CP_DA91	716736.38,735269.38	0.6	0.7	0.4	0	Negligible	Negligible	Negligible
CP_DA92	716755.94,735251.44	0.6	0.6	0.3	0	Negligible	Negligible	Negligible
CP_DA93	716733.81,735237.38	0.6	0.6	0.3	0	Negligible	Negligible	Negligible
CP_DA94	716748.94,735259.25	0.6	0.6	0.3	0	Negligible	Negligible	Negligible
CP_DA95	716737.62,735232.56	0.5	0.6	0.3	0	Negligible	Negligible	Negligible
CP_DA96	716740.5,735278.25	0.5	0.6	0.3	0	Negligible	Negligible	Negligible
CP_DA97	716754.38,735291.25	0.4	0.4	0.2	0	Negligible	Negligible	Negligible
CP_DA98	716752.88,735340.31	0.4	0.4	0.2	0	Negligible	Negligible	Negligible
CP_DA99	716764.62,735354.38	0.4	0.5	0.3	0	Negligible	Negligible	Negligible
CP_DA100	716792.62,735393.75	0.3	0.4	0.2	1	Negligible	Negligible	Negligible
CP_DA101	716799.19,735401.69	0.3	0.4	0.2	0	Negligible	Negligible	Negligible
CP_DA102	716816.44,735426.94	0.3	0.4	0.2	0	Negligible	Negligible	Negligible
CP_DA103	716822.25,735433.81	0.3	0.4	0.2	0	Negligible	Negligible	Negligible
CP_DA104	716841.56,735401.88	0.3	0.3	0.2	0	Negligible	Negligible	Negligible
CP_DA105	716851.75,735417.44	0.3	0.3	0.2	0	Negligible	Negligible	Negligible
CP_DA106	716856.25,735424.38	0.3	0.4	0.2	0	Negligible	Negligible	Negligible
CP_DA107	716815.12,735372.06	0.3	0.3	0.2	0	Negligible	Negligible	Negligible
CP_DA108	716809.94,735366.75	0.3	0.3	0.2	0	Negligible	Negligible	Negligible
CP_DA109	716842.19,735460.12	0.3	0.3	0.2	0	Negligible	Negligible	Negligible
CP_DA110	716837.75,735454.25	0.3	0.3	0.2	0	Negligible	Negligible	Negligible
CP_DA111	716908.62,735493.12	0.4	0.5	0.3	1	Negligible	Negligible	Negligible

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		NO_2	PM_{10}	$\text{PM}_{2.5}$		NO_2	PM_{10}	$\text{PM}_{2.5}$
CP_DA112	716918.56,735503.69	0.4	0.5	0.3	0	Negligible	Negligible	Negligible
CP_DA113	716930.62,735520	0.4	0.5	0.3	1	Negligible	Negligible	Negligible
CP_DA114	716910.5,735535.44	0.3	0.4	0.2	1	Negligible	Negligible	Negligible
CP_DA115	716900.56,735526.12	0.3	0.3	0.2	0	Negligible	Negligible	Negligible
CP_DA116	716949.88,735537.12	0.3	0.4	0.2	0	Negligible	Negligible	Negligible
CP_DA117	716952.62,735584.69	0.3	0.4	0.2	0	Negligible	Negligible	Negligible
CP_DA118	716938.88,735568.88	0.3	0.4	0.2	0	Negligible	Negligible	Negligible
CP_DA119	716928.5,735555.75	0.3	0.4	0.2	1	Negligible	Negligible	Negligible
CP_DA120	716968.69,735558.5	0.3	0.4	0.2	1	Negligible	Negligible	Negligible
CP_DA121	716978.19,735574.75	0.4	0.5	0.3	1	Negligible	Negligible	Negligible
CP_DA122	716971.44,735604.56	0.3	0.4	0.2	1	Negligible	Negligible	Negligible
CP_DA123	716983.5,735620.88	0.3	0.4	0.2	0	Negligible	Negligible	Negligible
CP_DA124	717001.44,735597.62	0.4	0.4	0.2	0	Negligible	Negligible	Negligible
CP_DA125	716989.81,735587.88	0.4	0.5	0.3	1	Negligible	Negligible	Negligible
CP_DA126	717016.69,735613.25	0.3	0.4	0.2	1	Negligible	Negligible	Negligible
CP_DA127	716994.94,735632.5	0.3	0.4	0.2	1	Negligible	Negligible	Negligible
CP_DA128	717028.94,735628.69	0.3	0.4	0.2	1	Negligible	Negligible	Negligible
CP_DA129	717038.88,735640.12	0.3	0.4	0.2	1	Negligible	Negligible	Negligible
CP_DA130	717026.62,735671.81	0.3	0.4	0.2	0	Negligible	Negligible	Negligible
CP_DA131	717012.44,735654.69	0.3	0.4	0.2	0	Negligible	Negligible	Negligible
CP_DA132	717052,735654.94	0.3	0.4	0.2	1	Negligible	Negligible	Negligible
CP_DA133	717065.75,735668.88	0.3	0.3	0.2	0	Negligible	Negligible	Negligible
CP_DA134	717080.75,735690.25	0.3	0.4	0.2	0	Negligible	Negligible	Negligible
CP_DA135	717053.06,735704.62	0.3	0.4	0.2	0	Negligible	Negligible	Negligible
CP_DA136	717036.56,735695.12	0.2	0.3	0.1	0	Negligible	Negligible	Negligible
CP_DA137	717067.88,735728.75	0.3	0.3	0.2	0	Negligible	Negligible	Negligible
CP_DA138	717074.62,735681.12	0.3	0.3	0.2	0	Negligible	Negligible	Negligible
CP_DA139	716925.12,734514.62	0.8	0.2	0.1	0	Negligible	Negligible	Negligible
CP_DA140	716911.56,734514.38	0.9	0.3	0.2	0	Negligible	Negligible	Negligible
CP_DA141	717508.75,734636.38	0.2	0.2	0.1	<1	Negligible	Negligible	Negligible
CP_DA142	717509.12,734653.94	0.2	0.2	0.1	<1	Negligible	Negligible	Negligible
CP_DA143	717509.88,734665.31	0.2	0.2	0.1	<1	Negligible	Negligible	Negligible
CP_DA144	717509.88,734674.06	0.2	0.2	0.1	<1	Negligible	Negligible	Negligible
CP_DA145	717512.06,734684.31	0.2	0.1	0.1	<1	Negligible	Negligible	Negligible
CP_DA146	717512.81,734705.56	0.1	0.1	0.1	<1	Negligible	Negligible	Negligible
CP_DA147	717513.88,734715.06	0.1	0.1	0.0	<1	Negligible	Negligible	Negligible
CP_DA148	717487.88,734628.31	0.3	0.3	0.2	0	Negligible	Negligible	Negligible
CP_DA149	717471.81,734629.44	0.2	0.2	0.1	0	Negligible	Negligible	Negligible
CP_DA150	717457.5,734630.88	0.2	0.2	0.1	<1	Negligible	Negligible	Negligible

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		NO_2	PM_{10}	$\text{PM}_{2.5}$		NO_2	PM_{10}	$\text{PM}_{2.5}$
CP_DA151	717450.19,734631.62	0.2	0.2	0.1	<1	Negligible	Negligible	Negligible
CP_DA152	717530,734626.12	0.1	0.1	0.0	<1	Negligible	Negligible	Negligible
CP_DA153	717422.75,734633.81	0.2	0.1	0.1	<1	Negligible	Negligible	Negligible
CP_DA154	717478.38,734613.31	0.2	0.2	0.1	0	Negligible	Negligible	Negligible
CP_DA155	717455.69,734615.5	0.2	0.2	0.1	0	Negligible	Negligible	Negligible
CP_DA156	717434.44,734617.31	0.2	0.2	0.1	0	Negligible	Negligible	Negligible
CP_DA157	717490.44,734658.69	0.2	0.2	0.1	<1	Negligible	Negligible	Negligible
CP_DA158	717489.75,734675.94	0.1	0.1	0.1	<1	Negligible	Negligible	Negligible
CP_DA159	717493,734695.31	0.1	0.1	0.1	<1	Negligible	Negligible	Negligible
CP_DA160	717097,734499	0.4	0.1	0.0	0	Negligible	Negligible	Negligible
CP_DA161	717207,734488	1.0	0.4	0.2	1	Negligible	Negligible	Negligible
CP_DA162	717264,734486	0.9	0.3	0.2	1	Negligible	Negligible	Negligible
CP_DA163	717308,734481	1.0	0.3	0.2	0	Negligible	Negligible	Negligible
CP_DA164	717326,734479	1.0	0.4	0.2	0	Negligible	Negligible	Negligible
CP_DA165	717383,734475	1.0	0.3	0.2	0	Negligible	Negligible	Negligible
CP_DA166	717405,734476	0.8	0.3	0.2	0	Negligible	Negligible	Negligible
CP_DA167	717472,734472	1.0	0.3	0.2	0	Negligible	Negligible	Negligible
CP_DA168	717528,734467	0.7	0.2	0.1	0	Negligible	Negligible	Negligible
CP_DA169	717565,734460	0.8	0.3	0.2	0	Negligible	Negligible	Negligible
CP_DA170	717855,734430	1.0	0.3	0.2	0	Negligible	Negligible	Negligible
CP_DA171	717907,734429	0.8	0.3	0.1	0	Negligible	Negligible	Negligible
CP_DA172	717958,734433	0.5	0.2	0.1	0	Negligible	Negligible	Negligible
CP_DA173	718008,734444	0.4	0.1	0.1	0	Negligible	Negligible	Negligible
CP_DA174	718026,734539	0.1	0.1	0.0	0	Negligible	Negligible	Negligible
CP_DA175	717479.19,734554.12	0.2	0.2	0.1	<1	Negligible	Negligible	Negligible
CP_DA176	717479,734542.12	0.2	0.2	0.1	<1	Negligible	Negligible	Negligible
CP_DA177	717478.38,734525.19	0.2	0.2	0.1	0	Negligible	Negligible	Negligible
CP_DA178	717475.19,734497.5	0.3	0.2	0.1	0	Negligible	Negligible	Negligible
CP_DA179	717492.94,734476.31	0.9	0.3	0.2	0	Negligible	Negligible	Negligible
CP_DA180	717495.25,734467.25	1.0	0.3	0.2	0	Negligible	Negligible	Negligible
CP_DA181	717495.69,734509.12	0.3	0.2	0.1	0	Negligible	Negligible	Negligible
CP_DA182	717498.25,734542.5	0.3	0.2	0.1	0	Negligible	Negligible	Negligible
CP_DA183	717503.94,734609.12	0.3	0.2	0.1	<1	Negligible	Negligible	Negligible
CP_DA184	717498.75,734562.81	0.3	0.2	0.1	0	Negligible	Negligible	Negligible
CP_DA185	717501.44,734583.88	0.2	0.2	0.1	<1	Negligible	Negligible	Negligible
CP_DA186	717502.44,734598.25	0.3	0.2	0.1	<1	Negligible	Negligible	Negligible
CP_DA187	717512.31,734610	0.2	0.1	0.1	<1	Negligible	Negligible	Negligible
CP_DA188	718027.12,734609.12	0.1	0.0	0.0	0	Negligible	Negligible	Negligible
CP_DA189	718030.94,734636.19	0.1	0.0	0.0	0	Negligible	Negligible	Negligible

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		NO_2	PM_{10}	$\text{PM}_{2.5}$		NO_2	PM_{10}	$\text{PM}_{2.5}$
CP_DA190	718029.69,734665	0.0	0.0	0.0	0	Negligible	Negligible	Negligible
CP_DA191	718030.12,734700.06	0.0	0.0	0.0	0	Negligible	Negligible	Negligible
CP_DA192	717921.44,734742.5	-0.2	-0.2	-0.1	<1	Negligible	Negligible	Negligible
CP_DA193	717898.56,734745	-0.2	-0.2	-0.1	<1	Negligible	Negligible	Negligible
CP_DA194	717882.5,734746.69	-0.2	-0.2	-0.1	<1	Negligible	Negligible	Negligible
CP_DA195	717956.94,734741.19	-0.2	-0.2	-0.1	0	Negligible	Negligible	Negligible
CP_DA196	717985.69,734738.69	-0.2	-0.2	-0.1	0	Negligible	Negligible	Negligible
CP_DA197	718020.38,734734	-0.1	-0.1	-0.1	0	Negligible	Negligible	Negligible
CP_DA198	717997.94,734736.12	-0.2	-0.2	-0.1	0	Negligible	Negligible	Negligible
CP_DA199	717970.06,734739.12	-0.2	-0.2	-0.1	0	Negligible	Negligible	Negligible
CP_DA200	717097.88,734507.94	0.1	0.0	0.0	0	Negligible	Negligible	Negligible
CP_DA201	717098.75,734516.94	-0.1	-0.1	-0.1	0	Negligible	Negligible	Negligible
CP_DA202	717099.06,734523.25	-0.2	-0.1	-0.1	0	Negligible	Negligible	Negligible
CP_DA203	717100.25,734534.38	-0.3	-0.2	-0.1	0	Negligible	Negligible	Negligible
CP_DA204	717098.75,734552.56	-0.1	-0.1	-0.1	0	Negligible	Negligible	Negligible
CP_DA205	717098.88,734561.44	-0.1	-0.1	-0.1	-1	Negligible	Negligible	Negligible
CP_DA206	717099.69,734582.19	-0.1	-0.1	-0.1	0	Negligible	Negligible	Negligible
CP_DA207	717103.31,734610.31	-0.1	-0.2	-0.1	0	Negligible	Negligible	Negligible
CP_DA208	717105.62,734641.19	-0.1	-0.2	-0.1	0	Negligible	Negligible	Negligible
CP_DA209	717106.69,734665.94	-0.2	-0.2	-0.1	0	Negligible	Negligible	Negligible
CP_DA211	717108.81,734697.88	-0.2	-0.3	-0.1	0	Negligible	Negligible	Negligible
CP_DA212	717108.56,734689	-0.2	-0.3	-0.1	0	Negligible	Negligible	Negligible
CP_DA213	717110.88,734709.94	-0.3	-0.3	-0.2	0	Negligible	Negligible	Negligible
CP_DA214	717111.75,734726.62	-0.3	-0.3	-0.2	0	Negligible	Negligible	Negligible
CP_DA215	717059.94,734842.62	0.1	0.1	0.1	0	Negligible	Negligible	Negligible
CP_DA216	716771.69,735313.81	0.3	0.4	0.2	0	Negligible	Negligible	Negligible
CP_DA217	716987.5,734514.62	0.6	0.2	0.1	0	Negligible	Negligible	Negligible
CP_DA218	717055.38,734503.38	0.7	0.2	0.1	0	Negligible	Negligible	Negligible
CP_DA219	716956.62,734511.25	0.8	0.3	0.1	0	Negligible	Negligible	Negligible
CP_DA220	717024.94,734506.38	0.7	0.2	0.1	0	Negligible	Negligible	Negligible
CP_DA221	716882.81,734518.19	0.8	0.2	0.1	0	Negligible	Negligible	Negligible
CP_DA222	716820.25,734523.25	0.7	0.2	0.1	0	Negligible	Negligible	Negligible
CP_DA223	718112.81,734817.44	-0.1	-0.1	-0.1	0	Negligible	Negligible	Negligible
CP_DA224	718111.94,734842.81	-0.1	-0.1	-0.1	0	Negligible	Negligible	Negligible
CP_DA225	716716.38,735306.75	0.2	0.2	0.1	0	Negligible	Negligible	Negligible
CP_DA226	716741.75,735325.56	0.4	0.4	0.2	1	Negligible	Negligible	Negligible