

CITY AIRPORT DEVELOPMENT PROGRAMME
(CADP1) S73 APPLICATION

ENVIRONMENTAL STATEMENT

VOLUME 2: APPENDICES

DECEMBER 2022



Pell Frischmann

City Airport Development
Programme (CADP1) S73
Application

Volume 2: Appendices
Appendix 9.4 Detailed Results

December 2022

Appendix 9.4 Human Health Receptors

Table 9.4.1: Modelled Annual Mean Nitrogen Dioxide, PM₁₀ and PM_{2.5} Concentrations (µg/m³), 2019

Receptor ID	NO ₂ (µg/m ³)	PM ₁₀ (µg/m ³)	PM _{2.5} (µg/m ³)
R1	33.4	18.5	12.4
R2	33.8	18.5	12.4
R3	30.7	18.2	12.2
R4	33.7	18.4	12.3
R5	32.7	18.4	12.3
R6	30.3	18.2	12.1
R7	29.7	18.1	12.1
R8	32.0	18.6	12.4
R9	32.4	18.6	12.4
R10	29.7	18.1	12.1
R11	28.3	17.9	11.9
R12	28.9	18.4	12.3
R13	29.4	18.2	12.1
R14	31.0	18.6	12.4
R15	26.0	17.2	11.6
R16	30.6	18.2	12.2
R17	29.1	18.2	12.1
R18a	29.2	18.0	12.0
R18b	28.8	18.0	12.0
R19a	26.3	17.5	11.7
R19b	26.2	17.5	11.7
R20a	26.0	17.2	11.6
R20b	26.0	17.2	11.6
R21	29.9	18.0	12.1
R22a	30.0	18.2	12.1
R22b	29.9	18.1	12.1
R23a	28.7	18.3	12.2
R23b	27.5	18.1	12.1
R24a	27.7	18.1	12.1
R24b	27.2	18.0	12.0
R25a	28.2	18.6	12.5
R25b	28.1	18.6	12.5
R26a	29.9	18.2	12.1
R26b	28.4	17.9	11.9
R27a	31.5	18.1	12.1
R27b	30.4	18.0	12.0
R28a	27.7	18.5	12.2
R28b	27.5	18.4	12.2
R29a	30.9	18.0	12.1

Receptor ID	NO ₂ (µg/m ³)	PM ₁₀ (µg/m ³)	PM _{2.5} (µg/m ³)
R29b	30.4	18.0	12.0
R29cc	29.9	17.9	12.0
R30a	26.7	18.3	12.2
R30b	26.6	18.3	12.2
R31a	26.5	18.0	12.1
R31b	26.4	18.0	12.1
R32a	27.9	19.8	13.1
R32b	27.6	19.8	13.1
R33a	29.5	18.4	12.4
R33b	29.2	18.4	12.3
R34	29.8	18.6	12.4
R35a	28.3	19.1	12.6
R35b	27.9	19.0	12.6
R36a	31.3	18.2	12.2
R36b	28.6	17.7	11.8
R37	30.0	18.0	12.1
R38	28.4	18.0	12.0
R39	29.2	19.1	12.7
R40a	31.1	19.2	12.7
R40b	27.8	18.6	12.3
R41a	29.1	18.7	12.4
R41b	28.1	18.5	12.3
R42	29.0	18.7	12.5
R43	28.5	18.6	12.4
R44	28.6	18.5	12.4
R45	28.3	18.6	12.5
R46	29.2	18.1	12.1
R47	29.9	18.2	12.1
R48	31.6	18.3	12.2
R49	29.7	18.3	12.2
R50a	32.8	18.4	12.3
R50b	30.0	18.0	12.0
R51	30.4	18.2	12.1
R52a	28.7	18.1	12.1
R52b	27.7	18.0	12.0
R53a	30.9	19.1	12.7
R53b	27.7	18.6	12.3
R54	29.7	18.1	12.1
R55	27.9	17.8	11.9
R56a	29.9	17.9	12.0
R56b	28.6	17.7	11.9
R56c	28.3	17.7	11.8

Receptor ID	NO ₂ (µg/m ³)	PM ₁₀ (µg/m ³)	PM _{2.5} (µg/m ³)
R57a	29.7	17.9	12.0
R57b	28.5	17.7	11.8
R57c	28.2	17.6	11.8
R58a	29.0	17.7	11.9
R58b	28.3	17.6	11.8
R59a	29.1	18.7	12.4
R59b	28.0	18.5	12.3
R60	28.7	20.2	13.2
R61	31.8	18.4	12.3
R62	27.7	19.9	13.1
R63	28.8	18.7	12.5
R64	28.3	17.9	11.9
R65	31.5	18.4	12.3
R66	30.1	18.3	12.2
R67	31.1	18.6	12.4
R68	32.8	18.5	12.3
R69	32.3	18.6	12.4
R70	30.6	18.3	12.2
R71	31.9	18.6	12.4
C1	29.7	18.6	12.4
C2	28.1	18.1	12.1
C3a	29.4	18.1	12.1
C3b	27.0	17.7	11.9
C3c	26.5	17.7	11.8
C4a	31.4	18.5	12.3
C4b	29.8	18.1	12.1
C4c	29.6	18.1	12.1
C5a	31.3	18.5	12.3
C5b	29.5	18.1	12.1
C5c	29.2	18.1	12.1
C6a	31.6	18.4	12.3
C6b	29.8	18.0	12.1
C6c	29.3	17.9	12.0

Table 9.4.2: Predicted Impacts on Annual Mean Nitrogen Dioxide Concentrations ($\mu\text{g}/\text{m}^3$), 2025

Receptor ID	2025 DM ($\mu\text{g}/\text{m}^3$)	2025 DC ($\mu\text{g}/\text{m}^3$)	Change (% of objective)	Impact
R1	27.0	27.3	0.8%	Negligible
R2	27.1	27.4	0.8%	Negligible
R3	24.8	25.0	0.4%	Negligible
R4	28.4	28.5	0.2%	Negligible
R5	27.5	27.6	0.2%	Negligible
R6	25.0	25.1	0.2%	Negligible
R7	24.6	24.6	0.1%	Negligible
R8	26.1	26.2	0.1%	Negligible
R9	26.8	26.9	0.1%	Negligible
R10	24.1	24.2	0.4%	Negligible
R11	22.9	23.0	0.3%	Negligible
R12	23.1	23.2	0.1%	Negligible
R13	22.7	22.7	0.1%	Negligible
R14	24.3	24.4	0.2%	Negligible
R15	20.7	20.8	0.1%	Negligible
R16	24.7	24.9	0.4%	Negligible
R17	23.5	23.6	0.3%	Negligible
R18a	24.1	24.3	0.5%	Negligible
R18b	23.7	23.9	0.4%	Negligible
R19a	20.7	20.7	0.0%	Negligible
R19b	20.7	20.7	0.1%	Negligible
R20a	20.5	20.5	0.0%	Negligible
R20b	20.5	20.5	0.0%	Negligible
R21	24.4	24.5	0.3%	Negligible
R22a	24.7	24.7	0.1%	Negligible
R22b	24.6	24.6	0.1%	Negligible
R23a	23.2	23.3	0.3%	Negligible
R23b	22.4	22.5	0.3%	Negligible
R24a	22.3	22.4	0.3%	Negligible
R24b	22.0	22.1	0.3%	Negligible
R25a	22.4	22.5	0.3%	Negligible
R25b	22.3	22.4	0.3%	Negligible
R26a	24.4	24.4	0.2%	Negligible
R26b	23.4	23.5	0.1%	Negligible
R27a	25.4	25.5	0.3%	Negligible
R27b	24.8	24.9	0.2%	Negligible
R28a	21.8	21.9	0.2%	Negligible
R28b	21.7	21.8	0.2%	Negligible
R29a	25.0	25.1	0.3%	Negligible
R29b	24.7	24.8	0.3%	Negligible
R29cc	24.4	24.5	0.2%	Negligible

Receptor ID	2025 DM (µg/m³)	2025 DC (µg/m³)	Change (% of objective)	Impact
R30a	21.4	21.5	0.1%	Negligible
R30b	21.3	21.4	0.1%	Negligible
R31a	21.3	21.3	0.1%	Negligible
R31b	21.2	21.2	0.1%	Negligible
R32a	21.8	21.9	0.2%	Negligible
R32b	21.5	21.6	0.2%	Negligible
R33a	23.9	24.1	0.4%	Negligible
R33b	23.7	23.8	0.3%	Negligible
R34	23.7	23.7	0.2%	Negligible
R35a	22.4	22.5	0.2%	Negligible
R35b	22.1	22.2	0.2%	Negligible
R36a	24.9	25.0	0.2%	Negligible
R36b	23.2	23.2	0.1%	Negligible
R37	24.0	24.1	0.2%	Negligible
R38	22.1	22.1	0.1%	Negligible
R39	22.9	23.0	0.1%	Negligible
R40a	24.3	24.3	0.2%	Negligible
R40b	22.1	22.1	0.1%	Negligible
R41a	23.0	23.0	0.1%	Negligible
R41b	22.3	22.3	0.1%	Negligible
R42	23.0	23.1	0.2%	Negligible
R43	22.7	22.8	0.3%	Negligible
R44	22.9	23.0	0.3%	Negligible
R45	22.6	22.7	0.3%	Negligible
R46	23.8	23.9	0.1%	Negligible
R47	24.6	24.6	0.1%	Negligible
R48	26.4	26.5	0.2%	Negligible
R49	23.9	24.0	0.3%	Negligible
R50a	26.1	26.3	0.6%	Negligible
R50b	24.6	24.7	0.3%	Negligible
R51	25.0	25.0	0.1%	Negligible
R52a	23.3	23.4	0.4%	Negligible
R52b	22.6	22.7	0.3%	Negligible
R53a	24.2	24.2	0.2%	Negligible
R53b	22.0	22.0	0.1%	Negligible
R54	24.1	24.2	0.3%	Negligible
R55	22.5	22.6	0.2%	Negligible
R56a	24.0	24.1	0.2%	Negligible
R56b	23.2	23.3	0.2%	Negligible
R56c	23.0	23.0	0.1%	Negligible
R57a	23.9	24.0	0.2%	Negligible
R57b	23.1	23.2	0.1%	Negligible

Receptor ID	2025 DM (µg/m³)	2025 DC (µg/m³)	Change (% of objective)	Impact
R57c	22.9	22.9	0.1%	Negligible
R58a	23.4	23.5	0.2%	Negligible
R58b	22.9	23.0	0.1%	Negligible
R59a	22.9	23.0	0.1%	Negligible
R59b	22.2	22.2	0.1%	Negligible
R60	22.1	22.2	0.1%	Negligible
R61	25.3	25.5	0.4%	Negligible
R62	21.5	21.5	0.1%	Negligible
R63	22.8	22.9	0.2%	Negligible
R64	22.9	23.0	0.3%	Negligible
R65	25.0	25.2	0.3%	Negligible
R66	24.1	24.2	0.2%	Negligible
R67	24.3	24.4	0.2%	Negligible
R68	26.8	26.9	0.2%	Negligible
R69	25.4	25.5	0.2%	Negligible
R70	24.6	24.7	0.1%	Negligible
R71	26.0	26.0	0.1%	Negligible
C1	23.6	23.7	0.1%	Negligible
C2	22.7	22.8	0.3%	Negligible
C3a	23.3	23.4	0.3%	Negligible
C3b	21.8	21.8	0.2%	Negligible
C3c	21.4	21.5	0.2%	Negligible
C4a	25.2	25.2	0.2%	Negligible
C4b	24.3	24.4	0.1%	Negligible
C4c	24.2	24.3	0.1%	Negligible
C5a	25.0	25.0	0.2%	Negligible
C5b	24.0	24.0	0.1%	Negligible
C5c	23.8	23.9	0.1%	Negligible
C6a	25.1	25.3	0.4%	Negligible
C6b	24.2	24.3	0.2%	Negligible
C6c	23.8	23.9	0.2%	Negligible

Table 9.4.3: Predicted Impacts on Annual Mean PM₁₀ Concentrations (µg/m³), 2025

Receptor ID	2025 DM (µg/m ³)	2025 DC (µg/m ³)	Change (% of objective)	Impact
R1	16.9	16.9	0.1%	Negligible
R2	16.9	16.9	0.1%	Negligible
R3	16.7	16.7	0.0%	Negligible
R4	17.0	17.0	0.0%	Negligible
R5	16.9	16.9	0.0%	Negligible
R6	16.7	16.7	0.0%	Negligible
R7	16.7	16.7	0.0%	Negligible
R8	17.3	17.3	0.0%	Negligible
R9	17.2	17.2	0.0%	Negligible
R10	16.9	16.9	0.0%	Negligible
R11	16.5	16.5	0.0%	Negligible
R12	17.0	17.0	0.0%	Negligible
R13	16.9	16.9	0.0%	Negligible
R14	17.1	17.1	0.0%	Negligible
R15	15.8	15.8	0.0%	Negligible
R16	16.7	16.7	0.0%	Negligible
R17	16.8	16.8	0.0%	Negligible
R18a	16.6	16.6	0.0%	Negligible
R18b	16.5	16.5	0.0%	Negligible
R19a	16.0	16.0	0.0%	Negligible
R19b	16.0	16.0	0.0%	Negligible
R20a	15.8	15.8	0.0%	Negligible
R20b	15.8	15.8	0.0%	Negligible
R21	16.6	16.6	0.0%	Negligible
R22a	16.7	16.7	0.0%	Negligible
R22b	16.6	16.6	0.0%	Negligible
R23a	16.9	16.9	0.0%	Negligible
R23b	16.6	16.6	0.0%	Negligible
R24a	16.7	16.7	0.0%	Negligible
R24b	16.6	16.6	0.0%	Negligible
R25a	17.2	17.2	0.0%	Negligible
R25b	17.1	17.1	0.0%	Negligible
R26a	16.8	16.8	0.0%	Negligible
R26b	16.4	16.4	0.0%	Negligible
R27a	16.7	16.7	0.0%	Negligible
R27b	16.5	16.5	0.0%	Negligible
R28a	17.0	17.0	0.0%	Negligible
R28b	16.9	16.9	0.0%	Negligible
R29a	16.6	16.6	0.0%	Negligible
R29b	16.5	16.5	0.0%	Negligible
R29cc	16.4	16.4	0.0%	Negligible

Receptor ID	2025 DM (µg/m³)	2025 DC (µg/m³)	Change (% of objective)	Impact
R30a	16.8	16.8	0.0%	Negligible
R30b	16.8	16.8	0.0%	Negligible
R31a	16.6	16.6	0.0%	Negligible
R31b	16.6	16.6	0.0%	Negligible
R32a	18.3	18.3	0.0%	Negligible
R32b	18.2	18.2	0.0%	Negligible
R33a	16.9	16.9	0.0%	Negligible
R33b	16.9	16.9	0.0%	Negligible
R34	17.2	17.2	0.0%	Negligible
R35a	17.6	17.6	0.0%	Negligible
R35b	17.5	17.5	0.0%	Negligible
R36a	16.8	16.9	0.0%	Negligible
R36b	16.2	16.2	0.0%	Negligible
R37	16.6	16.6	0.0%	Negligible
R38	16.7	16.7	0.0%	Negligible
R39	17.7	17.7	0.0%	Negligible
R40a	17.8	17.8	0.0%	Negligible
R40b	17.1	17.1	0.0%	Negligible
R41a	17.2	17.3	0.0%	Negligible
R41b	17.0	17.0	0.0%	Negligible
R42	17.3	17.3	0.0%	Negligible
R43	17.1	17.1	0.0%	Negligible
R44	17.1	17.1	0.0%	Negligible
R45	17.1	17.1	0.0%	Negligible
R46	16.6	16.6	0.0%	Negligible
R47	16.7	16.7	0.0%	Negligible
R48	16.8	16.8	0.0%	Negligible
R49	16.8	16.8	0.0%	Negligible
R50a	16.9	16.9	0.1%	Negligible
R50b	16.5	16.5	0.0%	Negligible
R51	16.8	16.8	0.0%	Negligible
R52a	16.7	16.7	0.0%	Negligible
R52b	16.5	16.5	0.0%	Negligible
R53a	17.7	17.8	0.0%	Negligible
R53b	17.1	17.1	0.0%	Negligible
R54	16.9	16.9	0.0%	Negligible
R55	16.5	16.5	0.0%	Negligible
R56a	16.5	16.5	0.0%	Negligible
R56b	16.3	16.3	0.0%	Negligible
R56c	16.2	16.2	0.0%	Negligible
R57a	16.5	16.5	0.0%	Negligible
R57b	16.2	16.2	0.0%	Negligible

Receptor ID	2025 DM (µg/m³)	2025 DC (µg/m³)	Change (% of objective)	Impact
R57c	16.2	16.2	0.0%	Negligible
R58a	16.3	16.3	0.0%	Negligible
R58b	16.2	16.2	0.0%	Negligible
R59a	17.3	17.3	0.0%	Negligible
R59b	17.0	17.0	0.0%	Negligible
R60	18.7	18.7	0.0%	Negligible
R61	16.9	16.9	0.1%	Negligible
R62	18.4	18.4	0.0%	Negligible
R63	17.3	17.3	0.0%	Negligible
R64	16.5	16.5	0.0%	Negligible
R65	16.9	16.9	0.1%	Negligible
R66	16.8	16.8	0.0%	Negligible
R67	17.1	17.1	0.0%	Negligible
R68	17.0	17.1	0.0%	Negligible
R69	17.1	17.1	0.0%	Negligible
R70	16.8	16.9	0.0%	Negligible
R71	17.3	17.3	0.0%	Negligible
C1	17.1	17.1	0.0%	Negligible
C2	16.7	16.7	0.0%	Negligible
C3a	16.8	16.8	0.0%	Negligible
C3b	16.3	16.3	0.0%	Negligible
C3c	16.2	16.2	0.0%	Negligible
C4a	17.0	17.0	0.0%	Negligible
C4b	16.6	16.6	0.0%	Negligible
C4c	16.6	16.6	0.0%	Negligible
C5a	17.0	17.0	0.0%	Negligible
C5b	16.6	16.6	0.0%	Negligible
C5c	16.6	16.6	0.0%	Negligible
C6a	16.9	16.9	0.1%	Negligible
C6b	16.5	16.6	0.0%	Negligible
C6c	16.5	16.5	0.0%	Negligible

Table 9.4.4: Predicted Impacts on Annual Mean PM_{2.5} Concentrations (µg/m³), 2025

Receptor ID	2025 DM (µg/m ³)	2025 DC (µg/m ³)	Change (% of objective)	Impact
R1	11.2	11.3	0.1%	Negligible
R2	11.3	11.3	0.1%	Negligible
R3	11.1	11.1	0.0%	Negligible
R4	11.3	11.3	0.0%	Negligible
R5	11.2	11.2	0.0%	Negligible
R6	11.1	11.1	0.0%	Negligible
R7	11.1	11.1	0.0%	Negligible
R8	11.4	11.4	0.0%	Negligible
R9	11.4	11.4	0.0%	Negligible
R10	11.1	11.1	0.1%	Negligible
R11	10.9	10.9	0.0%	Negligible
R12	11.2	11.2	0.0%	Negligible
R13	11.1	11.1	0.0%	Negligible
R14	11.2	11.2	0.0%	Negligible
R15	10.5	10.5	0.0%	Negligible
R16	11.1	11.1	0.0%	Negligible
R17	11.1	11.1	0.0%	Negligible
R18a	10.9	10.9	0.0%	Negligible
R18b	10.9	10.9	0.0%	Negligible
R19a	10.6	10.6	0.0%	Negligible
R19b	10.6	10.6	0.0%	Negligible
R20a	10.5	10.5	0.0%	Negligible
R20b	10.5	10.5	0.0%	Negligible
R21	11.0	11.0	0.0%	Negligible
R22a	11.0	11.0	0.0%	Negligible
R22b	11.0	11.0	0.0%	Negligible
R23a	11.2	11.2	0.0%	Negligible
R23b	11.0	11.0	0.0%	Negligible
R24a	11.0	11.0	0.0%	Negligible
R24b	11.0	11.0	0.0%	Negligible
R25a	11.4	11.4	0.0%	Negligible
R25b	11.4	11.4	0.0%	Negligible
R26a	11.1	11.1	0.0%	Negligible
R26b	10.9	10.9	0.0%	Negligible
R27a	11.1	11.1	0.0%	Negligible
R27b	11.0	11.0	0.0%	Negligible
R28a	11.1	11.1	0.0%	Negligible
R28b	11.1	11.1	0.0%	Negligible
R29a	11.0	11.0	0.0%	Negligible
R29b	11.0	11.0	0.0%	Negligible
R29cc	10.9	10.9	0.0%	Negligible

Receptor ID	2025 DM (µg/m³)	2025 DC (µg/m³)	Change (% of objective)	Impact
R30a	11.1	11.1	0.0%	Negligible
R30b	11.1	11.1	0.0%	Negligible
R31a	11.0	11.0	0.0%	Negligible
R31b	11.0	11.0	0.0%	Negligible
R32a	12.0	12.0	0.0%	Negligible
R32b	12.0	12.0	0.0%	Negligible
R33a	11.2	11.2	0.0%	Negligible
R33b	11.2	11.2	0.0%	Negligible
R34	11.4	11.4	0.0%	Negligible
R35a	11.5	11.5	0.0%	Negligible
R35b	11.5	11.5	0.0%	Negligible
R36a	11.2	11.2	0.0%	Negligible
R36b	10.8	10.8	0.0%	Negligible
R37	11.0	11.0	0.0%	Negligible
R38	11.0	11.0	0.0%	Negligible
R39	11.6	11.6	0.0%	Negligible
R40a	11.6	11.6	0.0%	Negligible
R40b	11.2	11.2	0.0%	Negligible
R41a	11.3	11.3	0.0%	Negligible
R41b	11.2	11.2	0.0%	Negligible
R42	11.4	11.4	0.0%	Negligible
R43	11.4	11.4	0.0%	Negligible
R44	11.4	11.4	0.0%	Negligible
R45	11.4	11.4	0.0%	Negligible
R46	11.0	11.0	0.0%	Negligible
R47	11.0	11.0	0.0%	Negligible
R48	11.1	11.1	0.0%	Negligible
R49	11.1	11.1	0.0%	Negligible
R50a	11.2	11.2	0.1%	Negligible
R50b	11.0	11.0	0.0%	Negligible
R51	11.2	11.2	0.0%	Negligible
R52a	11.0	11.0	0.0%	Negligible
R52b	10.9	10.9	0.0%	Negligible
R53a	11.6	11.6	0.0%	Negligible
R53b	11.2	11.2	0.0%	Negligible
R54	11.1	11.1	0.1%	Negligible
R55	10.9	10.9	0.0%	Negligible
R56a	11.0	11.0	0.0%	Negligible
R56b	10.8	10.8	0.0%	Negligible
R56c	10.8	10.8	0.0%	Negligible
R57a	10.9	10.9	0.0%	Negligible
R57b	10.8	10.8	0.0%	Negligible

Receptor ID	2025 DM (µg/m³)	2025 DC (µg/m³)	Change (% of objective)	Impact
R57c	10.8	10.8	0.0%	Negligible
R58a	10.9	10.9	0.0%	Negligible
R58b	10.8	10.8	0.0%	Negligible
R59a	11.3	11.3	0.0%	Negligible
R59b	11.2	11.2	0.0%	Negligible
R60	12.2	12.2	0.0%	Negligible
R61	11.2	11.2	0.1%	Negligible
R62	12.0	12.0	0.0%	Negligible
R63	11.5	11.5	0.0%	Negligible
R64	10.9	10.9	0.0%	Negligible
R65	11.2	11.2	0.1%	Negligible
R66	11.1	11.1	0.0%	Negligible
R67	11.3	11.3	0.0%	Negligible
R68	11.3	11.3	0.0%	Negligible
R69	11.3	11.3	0.0%	Negligible
R70	11.1	11.1	0.0%	Negligible
R71	11.4	11.4	0.0%	Negligible
C1	11.3	11.3	0.0%	Negligible
C2	11.1	11.1	0.0%	Negligible
C3a	11.1	11.1	0.1%	Negligible
C3b	10.8	10.8	0.0%	Negligible
C3c	10.8	10.8	0.0%	Negligible
C4a	11.2	11.2	0.0%	Negligible
C4b	11.0	11.0	0.0%	Negligible
C4c	11.0	11.0	0.0%	Negligible
C5a	11.2	11.2	0.0%	Negligible
C5b	11.0	11.0	0.0%	Negligible
C5c	11.0	11.0	0.0%	Negligible
C6a	11.2	11.2	0.1%	Negligible
C6b	11.0	11.0	0.0%	Negligible
C6c	10.9	10.9	0.0%	Negligible

Table 9.4.5: Predicted Impacts on Annual Mean PM_{2.5} Concentrations (µg/m³), 2025, Comparison Against GLA Target

Receptor ID	2025 DM (µg/m ³)	2025 DC (µg/m ³)	Change (% of GLA target)	Impact
R1	11.2	11.3	0.2%	Negligible
R2	11.3	11.3	0.2%	Negligible
R3	11.1	11.1	0.1%	Negligible
R4	11.3	11.3	0.0%	Negligible
R5	11.2	11.2	0.0%	Negligible
R6	11.1	11.1	0.0%	Negligible
R7	11.1	11.1	0.0%	Negligible
R8	11.4	11.4	0.0%	Negligible
R9	11.4	11.4	0.0%	Negligible
R10	11.1	11.1	0.1%	Negligible
R11	10.9	10.9	0.1%	Negligible
R12	11.2	11.2	0.0%	Negligible
R13	11.1	11.1	0.1%	Negligible
R14	11.2	11.2	0.1%	Negligible
R15	10.5	10.5	0.1%	Negligible
R16	11.1	11.1	0.1%	Negligible
R17	11.1	11.1	0.0%	Negligible
R18a	10.9	10.9	0.0%	Negligible
R18b	10.9	10.9	0.0%	Negligible
R19a	10.6	10.6	0.0%	Negligible
R19b	10.6	10.6	0.0%	Negligible
R20a	10.5	10.5	0.0%	Negligible
R20b	10.5	10.5	0.0%	Negligible
R21	11.0	11.0	0.0%	Negligible
R22a	11.0	11.0	0.0%	Negligible
R22b	11.0	11.0	0.0%	Negligible
R23a	11.2	11.2	0.0%	Negligible
R23b	11.0	11.0	0.0%	Negligible
R24a	11.0	11.0	0.0%	Negligible
R24b	11.0	11.0	0.0%	Negligible
R25a	11.4	11.4	0.0%	Negligible
R25b	11.4	11.4	0.0%	Negligible
R26a	11.1	11.1	0.0%	Negligible
R26b	10.9	10.9	0.0%	Negligible
R27a	11.1	11.1	0.1%	Negligible
R27b	11.0	11.0	0.0%	Negligible
R28a	11.1	11.1	0.0%	Negligible
R28b	11.1	11.1	0.0%	Negligible
R29a	11.0	11.0	0.1%	Negligible

Receptor ID	2025 DM (µg/m³)	2025 DC (µg/m³)	Change (% of GLA target)	Impact
R29b	11.0	11.0	0.0%	Negligible
R29cc	10.9	10.9	0.0%	Negligible
R30a	11.1	11.1	0.0%	Negligible
R30b	11.1	11.1	0.0%	Negligible
R31a	11.0	11.0	0.0%	Negligible
R31b	11.0	11.0	0.0%	Negligible
R32a	12.0	12.0	0.0%	Negligible
R32b	12.0	12.0	0.0%	Negligible
R33a	11.2	11.2	0.0%	Negligible
R33b	11.2	11.2	0.0%	Negligible
R34	11.4	11.4	0.0%	Negligible
R35a	11.5	11.5	0.0%	Negligible
R35b	11.5	11.5	0.0%	Negligible
R36a	11.2	11.2	0.1%	Negligible
R36b	10.8	10.8	0.0%	Negligible
R37	11.0	11.0	0.0%	Negligible
R38	11.0	11.0	0.1%	Negligible
R39	11.6	11.6	0.0%	Negligible
R40a	11.6	11.6	0.1%	Negligible
R40b	11.2	11.2	0.0%	Negligible
R41a	11.3	11.3	0.0%	Negligible
R41b	11.2	11.2	0.0%	Negligible
R42	11.4	11.4	0.0%	Negligible
R43	11.4	11.4	0.0%	Negligible
R44	11.4	11.4	0.0%	Negligible
R45	11.4	11.4	0.0%	Negligible
R46	11.0	11.0	0.0%	Negligible
R47	11.0	11.0	0.0%	Negligible
R48	11.1	11.1	0.0%	Negligible
R49	11.1	11.1	0.0%	Negligible
R50a	11.2	11.2	0.2%	Negligible
R50b	11.0	11.0	0.0%	Negligible
R51	11.2	11.2	0.0%	Negligible
R52a	11.0	11.0	0.0%	Negligible
R52b	10.9	10.9	0.0%	Negligible
R53a	11.6	11.6	0.1%	Negligible
R53b	11.2	11.2	0.0%	Negligible
R54	11.1	11.1	0.1%	Negligible
R55	10.9	10.9	0.1%	Negligible
R56a	11.0	11.0	0.0%	Negligible
R56b	10.8	10.8	0.0%	Negligible
R56c	10.8	10.8	0.0%	Negligible

Receptor ID	2025 DM (µg/m³)	2025 DC (µg/m³)	Change (% of GLA target)	Impact
R57a	10.9	10.9	0.0%	Negligible
R57b	10.8	10.8	0.0%	Negligible
R57c	10.8	10.8	0.0%	Negligible
R58a	10.9	10.9	0.0%	Negligible
R58b	10.8	10.8	0.0%	Negligible
R59a	11.3	11.3	0.0%	Negligible
R59b	11.2	11.2	0.0%	Negligible
R60	12.2	12.2	0.1%	Negligible
R61	11.2	11.2	0.1%	Negligible
R62	12.0	12.0	0.0%	Negligible
R63	11.5	11.5	0.0%	Negligible
R64	10.9	10.9	0.1%	Negligible
R65	11.2	11.2	0.1%	Negligible
R66	11.1	11.1	0.1%	Negligible
R67	11.3	11.3	0.1%	Negligible
R68	11.3	11.3	0.1%	Negligible
R69	11.3	11.3	0.1%	Negligible
R70	11.1	11.1	0.0%	Negligible
R71	11.4	11.4	0.0%	Negligible
C1	11.3	11.3	0.0%	Negligible
C2	11.1	11.1	0.0%	Negligible
C3a	11.1	11.1	0.1%	Negligible
C3b	10.8	10.8	0.0%	Negligible
C3c	10.8	10.8	0.0%	Negligible
C4a	11.2	11.2	0.1%	Negligible
C4b	11.0	11.0	0.0%	Negligible
C4c	11.0	11.0	0.0%	Negligible
C5a	11.2	11.2	0.1%	Negligible
C5b	11.0	11.0	0.0%	Negligible
C5c	11.0	11.0	0.0%	Negligible
C6a	11.2	11.2	0.1%	Negligible
C6b	11.0	11.0	0.0%	Negligible
C6c	10.9	10.9	0.0%	Negligible

Table 9.4.6: Predicted Impacts on Annual Mean Nitrogen Dioxide Concentrations ($\mu\text{g}/\text{m}^3$), 2027

Receptor ID	2027 DM ($\mu\text{g}/\text{m}^3$)	2027 DC ($\mu\text{g}/\text{m}^3$)	Change (% of objective)	Impact
R1	26.4	27.4	2.4%	Negligible
R2	26.5	27.5	2.5%	Negligible
R3	24.2	24.7	1.2%	Negligible
R4	27.7	28.0	0.7%	Negligible
R5	26.8	27.1	0.6%	Negligible
R6	24.4	24.6	0.4%	Negligible
R7	23.9	24.1	0.4%	Negligible
R8	25.3	25.5	0.4%	Negligible
R9	26.1	26.2	0.3%	Negligible
R10	23.2	23.5	0.7%	Negligible
R11	22.2	22.4	0.6%	Negligible
R12	22.4	22.5	0.4%	Negligible
R13	21.8	21.9	0.2%	Negligible
R14	23.5	23.7	0.6%	Negligible
R15	20.0	20.1	0.3%	Negligible
R16	24.1	24.5	1.2%	Negligible
R17	22.8	23.3	1.1%	Negligible
R18a	23.5	24.2	1.5%	Negligible
R18b	23.2	23.7	1.2%	Negligible
R19a	20.0	20.0	0.2%	Negligible
R19b	19.9	20.0	0.1%	Negligible
R20a	19.8	19.8	0.1%	Negligible
R20b	19.7	19.8	0.1%	Negligible
R21	23.8	24.2	0.9%	Negligible
R22a	24.0	24.2	0.3%	Negligible
R22b	23.9	24.0	0.3%	Negligible
R23a	22.5	22.9	1.1%	Negligible
R23b	21.8	22.1	1.0%	Negligible
R24a	21.7	22.0	0.9%	Negligible
R24b	21.4	21.7	0.8%	Negligible
R25a	21.7	22.1	0.9%	Negligible
R25b	21.6	22.0	0.9%	Negligible
R26a	23.6	23.8	0.5%	Negligible
R26b	22.8	23.0	0.5%	Negligible
R27a	24.7	25.2	1.1%	Negligible
R27b	24.2	24.5	0.9%	Negligible
R28a	21.1	21.3	0.6%	Negligible
R28b	21.0	21.2	0.6%	Negligible
R29a	24.3	24.6	0.9%	Negligible
R29b	24.0	24.3	0.9%	Negligible
R29cc	23.7	24.0	0.8%	Negligible

Receptor ID	2027 DM (µg/m³)	2027 DC (µg/m³)	Change (% of objective)	Impact
R30a	20.7	20.9	0.5%	Negligible
R30b	20.7	20.8	0.4%	Negligible
R31a	20.6	20.8	0.5%	Negligible
R31b	20.5	20.7	0.5%	Negligible
R32a	21.1	21.4	0.8%	Negligible
R32b	20.8	21.1	0.7%	Negligible
R33a	23.3	23.9	1.4%	Negligible
R33b	23.1	23.5	1.1%	Negligible
R34	22.9	23.2	0.5%	Negligible
R35a	21.7	21.9	0.7%	Negligible
R35b	21.4	21.6	0.5%	Negligible
R36a	24.1	24.3	0.5%	Negligible
R36b	22.5	22.7	0.4%	Negligible
R37	23.3	23.5	0.5%	Negligible
R38	21.3	21.3	0.2%	Negligible
R39	22.1	22.3	0.4%	Negligible
R40a	23.4	23.5	0.4%	Negligible
R40b	21.3	21.5	0.3%	Negligible
R41a	22.2	22.3	0.3%	Negligible
R41b	21.5	21.6	0.3%	Negligible
R42	22.3	22.6	0.8%	Negligible
R43	22.0	22.4	0.8%	Negligible
R44	22.3	22.7	1.0%	Negligible
R45	21.9	22.3	1.0%	Negligible
R46	23.1	23.3	0.4%	Negligible
R47	23.9	24.1	0.4%	Negligible
R48	25.7	26.0	0.7%	Negligible
R49	23.2	23.5	0.8%	Negligible
R50a	25.3	26.0	1.6%	Negligible
R50b	23.9	24.3	0.9%	Negligible
R51	24.3	24.4	0.4%	Negligible
R52a	22.6	23.0	1.1%	Negligible
R52b	22.0	22.4	1.0%	Negligible
R53a	23.3	23.4	0.4%	Negligible
R53b	21.3	21.4	0.3%	Negligible
R54	23.2	23.5	0.7%	Negligible
R55	21.7	21.9	0.5%	Negligible
R56a	23.3	23.5	0.6%	Negligible
R56b	22.5	22.7	0.5%	Negligible
R56c	22.3	22.4	0.4%	Negligible
R57a	23.2	23.4	0.5%	Negligible
R57b	22.4	22.6	0.4%	Negligible

Receptor ID	2027 DM (µg/m³)	2027 DC (µg/m³)	Change (% of objective)	Impact
R57c	22.2	22.4	0.4%	Negligible
R58a	22.7	22.9	0.4%	Negligible
R58b	22.3	22.4	0.4%	Negligible
R59a	22.1	22.3	0.4%	Negligible
R59b	21.4	21.6	0.3%	Negligible
R60	21.2	21.3	0.2%	Negligible
R61	24.5	24.9	1.0%	Negligible
R62	20.7	20.7	0.1%	Negligible
R63	22.1	22.4	0.7%	Negligible
R64	22.2	22.4	0.6%	Negligible
R65	24.2	24.6	0.9%	Negligible
R66	23.3	23.6	0.7%	Negligible
R67	23.5	23.7	0.6%	Negligible
R68	26.1	26.2	0.4%	Negligible
R69	24.6	24.7	0.4%	Negligible
R70	23.8	24.0	0.3%	Negligible
R71	25.2	25.3	0.4%	Negligible
C1	22.9	23.1	0.5%	Negligible
C2	22.0	22.4	0.9%	Negligible
C3a	22.5	22.7	0.6%	Negligible
C3b	21.1	21.3	0.6%	Negligible
C3c	20.8	21.0	0.5%	Negligible
C4a	24.4	24.5	0.3%	Negligible
C4b	23.6	23.8	0.3%	Negligible
C4c	23.5	23.6	0.2%	Negligible
C5a	24.2	24.3	0.3%	Negligible
C5b	23.3	23.4	0.2%	Negligible
C5c	23.1	23.2	0.2%	Negligible
C6a	24.3	24.7	0.9%	Negligible
C6b	23.5	23.8	0.8%	Negligible
C6c	23.2	23.4	0.7%	Negligible

Table 9.4.7: Predicted Impacts on Annual Mean PM₁₀ Concentrations (µg/m³), 2027

Receptor ID	2027 DM (µg/m ³)	2027 DC (µg/m ³)	Change (% of objective)	Impact
R1	16.9	17.0	0.2%	Negligible
R2	16.9	17.0	0.2%	Negligible
R3	16.7	16.7	0.1%	Negligible
R4	17.0	17.0	0.0%	Negligible
R5	16.9	16.9	0.0%	Negligible
R6	16.7	16.7	0.0%	Negligible
R7	16.7	16.7	0.0%	Negligible
R8	17.3	17.3	0.0%	Negligible
R9	17.2	17.2	0.0%	Negligible
R10	16.9	16.9	0.0%	Negligible
R11	16.5	16.5	0.0%	Negligible
R12	17.0	17.0	0.0%	Negligible
R13	17.0	17.0	0.0%	Negligible
R14	17.1	17.1	0.1%	Negligible
R15	15.8	15.8	0.0%	Negligible
R16	16.7	16.8	0.1%	Negligible
R17	16.8	16.8	0.0%	Negligible
R18a	16.6	16.6	0.0%	Negligible
R18b	16.5	16.5	0.0%	Negligible
R19a	16.0	16.1	0.0%	Negligible
R19b	16.0	16.0	0.0%	Negligible
R20a	15.8	15.8	0.0%	Negligible
R20b	15.8	15.8	0.0%	Negligible
R21	16.6	16.6	0.0%	Negligible
R22a	16.7	16.7	0.0%	Negligible
R22b	16.6	16.6	0.0%	Negligible
R23a	16.9	16.9	0.0%	Negligible
R23b	16.6	16.6	0.0%	Negligible
R24a	16.7	16.7	0.0%	Negligible
R24b	16.6	16.6	0.0%	Negligible
R25a	17.2	17.2	0.0%	Negligible
R25b	17.1	17.2	0.0%	Negligible
R26a	16.8	16.8	0.0%	Negligible
R26b	16.4	16.4	0.0%	Negligible
R27a	16.7	16.7	0.0%	Negligible
R27b	16.5	16.5	0.0%	Negligible
R28a	17.0	17.0	0.0%	Negligible
R28b	16.9	16.9	0.0%	Negligible
R29a	16.6	16.6	0.0%	Negligible
R29b	16.5	16.5	0.0%	Negligible
R29cc	16.4	16.4	0.0%	Negligible

Receptor ID	2027 DM (µg/m³)	2027 DC (µg/m³)	Change (% of objective)	Impact
R30a	16.8	16.8	0.0%	Negligible
R30b	16.8	16.8	0.0%	Negligible
R31a	16.6	16.6	0.0%	Negligible
R31b	16.6	16.6	0.0%	Negligible
R32a	18.3	18.3	0.0%	Negligible
R32b	18.2	18.2	0.0%	Negligible
R33a	16.9	17.0	0.0%	Negligible
R33b	16.9	16.9	0.0%	Negligible
R34	17.2	17.2	0.0%	Negligible
R35a	17.6	17.6	0.0%	Negligible
R35b	17.5	17.5	0.0%	Negligible
R36a	16.9	16.9	0.0%	Negligible
R36b	16.2	16.2	0.0%	Negligible
R37	16.6	16.6	0.0%	Negligible
R38	16.7	16.7	0.0%	Negligible
R39	17.7	17.8	0.0%	Negligible
R40a	17.8	17.8	0.0%	Negligible
R40b	17.1	17.1	0.0%	Negligible
R41a	17.3	17.3	0.0%	Negligible
R41b	17.0	17.0	0.0%	Negligible
R42	17.3	17.3	0.0%	Negligible
R43	17.1	17.1	0.0%	Negligible
R44	17.1	17.1	0.1%	Negligible
R45	17.1	17.1	0.1%	Negligible
R46	16.6	16.7	0.0%	Negligible
R47	16.7	16.7	0.0%	Negligible
R48	16.8	16.8	0.0%	Negligible
R49	16.8	16.8	0.0%	Negligible
R50a	16.9	17.0	0.2%	Negligible
R50b	16.5	16.5	0.0%	Negligible
R51	16.8	16.8	0.0%	Negligible
R52a	16.7	16.7	0.0%	Negligible
R52b	16.5	16.5	0.0%	Negligible
R53a	17.8	17.8	0.0%	Negligible
R53b	17.1	17.1	0.0%	Negligible
R54	16.9	16.9	0.0%	Negligible
R55	16.5	16.5	0.0%	Negligible
R56a	16.5	16.5	0.0%	Negligible
R56b	16.3	16.3	0.0%	Negligible
R56c	16.2	16.2	0.0%	Negligible
R57a	16.5	16.5	0.0%	Negligible
R57b	16.2	16.2	0.0%	Negligible

Receptor ID	2027 DM (µg/m³)	2027 DC (µg/m³)	Change (% of objective)	Impact
R57c	16.2	16.2	0.0%	Negligible
R58a	16.3	16.4	0.0%	Negligible
R58b	16.2	16.2	0.0%	Negligible
R59a	17.3	17.3	0.0%	Negligible
R59b	17.0	17.1	0.0%	Negligible
R60	18.7	18.7	0.0%	Negligible
R61	16.9	17.0	0.1%	Negligible
R62	18.4	18.4	0.0%	Negligible
R63	17.3	17.3	0.0%	Negligible
R64	16.5	16.5	0.0%	Negligible
R65	16.9	16.9	0.1%	Negligible
R66	16.8	16.8	0.0%	Negligible
R67	17.1	17.1	0.1%	Negligible
R68	17.0	17.1	0.0%	Negligible
R69	17.1	17.1	0.0%	Negligible
R70	16.9	16.9	0.0%	Negligible
R71	17.3	17.3	0.0%	Negligible
C1	17.2	17.2	0.0%	Negligible
C2	16.7	16.7	0.0%	Negligible
C3a	16.8	16.8	0.0%	Negligible
C3b	16.3	16.3	0.0%	Negligible
C3c	16.2	16.2	0.0%	Negligible
C4a	17.0	17.0	0.0%	Negligible
C4b	16.6	16.6	0.0%	Negligible
C4c	16.6	16.6	0.0%	Negligible
C5a	17.0	17.0	0.0%	Negligible
C5b	16.6	16.6	0.0%	Negligible
C5c	16.6	16.6	0.0%	Negligible
C6a	16.9	16.9	0.1%	Negligible
C6b	16.6	16.6	0.0%	Negligible
C6c	16.5	16.5	0.0%	Negligible

Table 9.4.8: Predicted Impacts on Annual Mean PM_{2.5} Concentrations (µg/m³), 2027

Receptor ID	2027 DM (µg/m ³)	2027 DC (µg/m ³)	Change (% of objective)	Impact
R1	11.3	11.3	0.2%	Negligible
R2	11.3	11.3	0.2%	Negligible
R3	11.1	11.1	0.1%	Negligible
R4	11.3	11.3	0.0%	Negligible
R5	11.2	11.2	0.0%	Negligible
R6	11.1	11.1	0.0%	Negligible
R7	11.1	11.1	0.0%	Negligible
R8	11.4	11.4	0.0%	Negligible
R9	11.4	11.4	0.0%	Negligible
R10	11.1	11.1	0.0%	Negligible
R11	10.9	10.9	0.0%	Negligible
R12	11.2	11.3	0.0%	Negligible
R13	11.1	11.1	0.1%	Negligible
R14	11.2	11.3	0.1%	Negligible
R15	10.5	10.5	0.0%	Negligible
R16	11.1	11.1	0.1%	Negligible
R17	11.1	11.1	0.0%	Negligible
R18a	11.0	11.0	0.0%	Negligible
R18b	10.9	10.9	0.0%	Negligible
R19a	10.7	10.7	0.0%	Negligible
R19b	10.7	10.7	0.0%	Negligible
R20a	10.5	10.5	0.0%	Negligible
R20b	10.5	10.5	0.0%	Negligible
R21	11.0	11.0	0.0%	Negligible
R22a	11.0	11.0	0.0%	Negligible
R22b	11.0	11.0	0.0%	Negligible
R23a	11.2	11.2	0.0%	Negligible
R23b	11.0	11.0	0.0%	Negligible
R24a	11.0	11.0	0.0%	Negligible
R24b	11.0	11.0	0.0%	Negligible
R25a	11.5	11.5	0.1%	Negligible
R25b	11.4	11.5	0.0%	Negligible
R26a	11.2	11.2	0.0%	Negligible
R26b	10.9	10.9	0.0%	Negligible
R27a	11.1	11.1	0.0%	Negligible
R27b	11.0	11.0	0.0%	Negligible
R28a	11.1	11.1	0.0%	Negligible
R28b	11.1	11.1	0.0%	Negligible
R29a	11.0	11.0	0.0%	Negligible
R29b	11.0	11.0	0.0%	Negligible
R29cc	10.9	10.9	0.0%	Negligible

Receptor ID	2027 DM (µg/m³)	2027 DC (µg/m³)	Change (% of objective)	Impact
R30a	11.1	11.1	0.0%	Negligible
R30b	11.1	11.1	0.0%	Negligible
R31a	11.0	11.0	0.0%	Negligible
R31b	11.0	11.0	0.0%	Negligible
R32a	12.0	12.0	0.0%	Negligible
R32b	12.0	12.0	0.0%	Negligible
R33a	11.3	11.3	0.0%	Negligible
R33b	11.2	11.2	0.0%	Negligible
R34	11.4	11.4	0.0%	Negligible
R35a	11.5	11.5	0.0%	Negligible
R35b	11.5	11.5	0.0%	Negligible
R36a	11.2	11.2	0.0%	Negligible
R36b	10.8	10.8	0.0%	Negligible
R37	11.0	11.0	0.0%	Negligible
R38	11.0	11.0	0.0%	Negligible
R39	11.6	11.6	0.0%	Negligible
R40a	11.6	11.6	0.0%	Negligible
R40b	11.3	11.3	0.0%	Negligible
R41a	11.3	11.3	0.0%	Negligible
R41b	11.2	11.2	0.0%	Negligible
R42	11.5	11.5	0.0%	Negligible
R43	11.4	11.4	0.0%	Negligible
R44	11.4	11.4	0.1%	Negligible
R45	11.4	11.4	0.1%	Negligible
R46	11.0	11.0	0.0%	Negligible
R47	11.0	11.0	0.0%	Negligible
R48	11.1	11.1	0.0%	Negligible
R49	11.1	11.1	0.0%	Negligible
R50a	11.2	11.3	0.2%	Negligible
R50b	11.0	11.0	0.0%	Negligible
R51	11.2	11.2	0.0%	Negligible
R52a	11.0	11.0	0.0%	Negligible
R52b	10.9	10.9	0.0%	Negligible
R53a	11.6	11.6	0.0%	Negligible
R53b	11.2	11.2	0.0%	Negligible
R54	11.1	11.1	0.0%	Negligible
R55	10.9	10.9	0.0%	Negligible
R56a	11.0	11.0	0.0%	Negligible
R56b	10.8	10.8	0.0%	Negligible
R56c	10.8	10.8	0.0%	Negligible
R57a	11.0	11.0	0.0%	Negligible
R57b	10.8	10.8	0.0%	Negligible

Receptor ID	2027 DM (µg/m³)	2027 DC (µg/m³)	Change (% of objective)	Impact
R57c	10.8	10.8	0.0%	Negligible
R58a	10.9	10.9	0.0%	Negligible
R58b	10.8	10.8	0.0%	Negligible
R59a	11.3	11.3	0.0%	Negligible
R59b	11.2	11.2	0.0%	Negligible
R60	12.2	12.2	0.0%	Negligible
R61	11.2	11.2	0.1%	Negligible
R62	12.0	12.0	0.0%	Negligible
R63	11.5	11.5	0.0%	Negligible
R64	10.9	10.9	0.0%	Negligible
R65	11.2	11.2	0.1%	Negligible
R66	11.1	11.1	0.0%	Negligible
R67	11.3	11.3	0.1%	Negligible
R68	11.3	11.3	0.0%	Negligible
R69	11.3	11.3	0.0%	Negligible
R70	11.1	11.1	0.0%	Negligible
R71	11.4	11.4	0.0%	Negligible
C1	11.3	11.3	0.0%	Negligible
C2	11.1	11.1	0.0%	Negligible
C3a	11.1	11.1	0.0%	Negligible
C3b	10.8	10.8	0.0%	Negligible
C3c	10.8	10.8	0.0%	Negligible
C4a	11.2	11.2	0.0%	Negligible
C4b	11.0	11.0	0.0%	Negligible
C4c	11.0	11.0	0.0%	Negligible
C5a	11.2	11.2	0.0%	Negligible
C5b	11.0	11.0	0.0%	Negligible
C5c	11.0	11.0	0.0%	Negligible
C6a	11.2	11.2	0.1%	Negligible
C6b	11.0	11.0	0.0%	Negligible
C6c	10.9	11.0	0.0%	Negligible

Table 9.4.9: Predicted Impacts on Annual Mean PM_{2.5} Concentrations (µg/m³), 2027, Comparison Against GLA Target

Receptor ID	2027 DM (µg/m ³)	2027 DC (µg/m ³)	Change (% of GLA target)	Impact
R1	11.3	11.3	0.4%	Negligible
R2	11.3	11.3	0.4%	Negligible
R3	11.1	11.1	0.2%	Negligible
R4	11.3	11.3	0.1%	Negligible
R5	11.2	11.2	0.1%	Negligible
R6	11.1	11.1	0.0%	Negligible
R7	11.1	11.1	0.0%	Negligible
R8	11.4	11.4	0.0%	Negligible
R9	11.4	11.4	0.0%	Negligible
R10	11.1	11.1	0.1%	Negligible
R11	10.9	10.9	0.1%	Negligible
R12	11.2	11.3	0.1%	Negligible
R13	11.1	11.1	0.1%	Negligible
R14	11.2	11.3	0.1%	Negligible
R15	10.5	10.5	0.0%	Negligible
R16	11.1	11.1	0.1%	Negligible
R17	11.1	11.1	0.0%	Negligible
R18a	11.0	11.0	0.0%	Negligible
R18b	10.9	10.9	0.0%	Negligible
R19a	10.7	10.7	0.0%	Negligible
R19b	10.7	10.7	0.0%	Negligible
R20a	10.5	10.5	0.0%	Negligible
R20b	10.5	10.5	0.0%	Negligible
R21	11.0	11.0	0.1%	Negligible
R22a	11.0	11.0	0.0%	Negligible
R22b	11.0	11.0	0.0%	Negligible
R23a	11.2	11.2	0.0%	Negligible
R23b	11.0	11.0	0.0%	Negligible
R24a	11.0	11.0	0.0%	Negligible
R24b	11.0	11.0	0.0%	Negligible
R25a	11.5	11.5	0.1%	Negligible
R25b	11.4	11.5	0.1%	Negligible
R26a	11.2	11.2	0.0%	Negligible
R26b	10.9	10.9	0.0%	Negligible
R27a	11.1	11.1	0.1%	Negligible
R27b	11.0	11.0	0.0%	Negligible
R28a	11.1	11.1	0.0%	Negligible
R28b	11.1	11.1	0.0%	Negligible
R29a	11.0	11.0	0.1%	Negligible

Receptor ID	2027 DM (µg/m³)	2027 DC (µg/m³)	Change (% of GLA target)	Impact
R29b	11.0	11.0	0.1%	Negligible
R29cc	10.9	10.9	0.0%	Negligible
R30a	11.1	11.1	0.0%	Negligible
R30b	11.1	11.1	0.0%	Negligible
R31a	11.0	11.0	0.0%	Negligible
R31b	11.0	11.0	0.0%	Negligible
R32a	12.0	12.0	0.1%	Negligible
R32b	12.0	12.0	0.0%	Negligible
R33a	11.3	11.3	0.1%	Negligible
R33b	11.2	11.2	0.1%	Negligible
R34	11.4	11.4	0.1%	Negligible
R35a	11.5	11.5	0.0%	Negligible
R35b	11.5	11.5	0.0%	Negligible
R36a	11.2	11.2	0.1%	Negligible
R36b	10.8	10.8	0.0%	Negligible
R37	11.0	11.0	0.1%	Negligible
R38	11.0	11.0	0.1%	Negligible
R39	11.6	11.6	0.0%	Negligible
R40a	11.6	11.6	0.1%	Negligible
R40b	11.3	11.3	0.0%	Negligible
R41a	11.3	11.3	0.1%	Negligible
R41b	11.2	11.2	0.0%	Negligible
R42	11.5	11.5	0.1%	Negligible
R43	11.4	11.4	0.1%	Negligible
R44	11.4	11.4	0.1%	Negligible
R45	11.4	11.4	0.1%	Negligible
R46	11.0	11.0	0.0%	Negligible
R47	11.0	11.0	0.0%	Negligible
R48	11.1	11.1	0.1%	Negligible
R49	11.1	11.1	0.1%	Negligible
R50a	11.2	11.3	0.4%	Negligible
R50b	11.0	11.0	0.1%	Negligible
R51	11.2	11.2	0.0%	Negligible
R52a	11.0	11.0	0.0%	Negligible
R52b	10.9	10.9	0.0%	Negligible
R53a	11.6	11.6	0.1%	Negligible
R53b	11.2	11.2	0.0%	Negligible
R54	11.1	11.1	0.1%	Negligible
R55	10.9	10.9	0.1%	Negligible
R56a	11.0	11.0	0.1%	Negligible
R56b	10.8	10.8	0.0%	Negligible
R56c	10.8	10.8	0.0%	Negligible

Receptor ID	2027 DM (µg/m³)	2027 DC (µg/m³)	Change (% of GLA target)	Impact
R57a	11.0	11.0	0.1%	Negligible
R57b	10.8	10.8	0.0%	Negligible
R57c	10.8	10.8	0.0%	Negligible
R58a	10.9	10.9	0.0%	Negligible
R58b	10.8	10.8	0.0%	Negligible
R59a	11.3	11.3	0.1%	Negligible
R59b	11.2	11.2	0.0%	Negligible
R60	12.2	12.2	0.1%	Negligible
R61	11.2	11.2	0.2%	Negligible
R62	12.0	12.0	0.0%	Negligible
R63	11.5	11.5	0.1%	Negligible
R64	10.9	10.9	0.1%	Negligible
R65	11.2	11.2	0.2%	Negligible
R66	11.1	11.1	0.1%	Negligible
R67	11.3	11.3	0.1%	Negligible
R68	11.3	11.3	0.1%	Negligible
R69	11.3	11.3	0.1%	Negligible
R70	11.1	11.1	0.0%	Negligible
R71	11.4	11.4	0.0%	Negligible
C1	11.3	11.3	0.1%	Negligible
C2	11.1	11.1	0.0%	Negligible
C3a	11.1	11.1	0.1%	Negligible
C3b	10.8	10.8	0.0%	Negligible
C3c	10.8	10.8	0.0%	Negligible
C4a	11.2	11.2	0.1%	Negligible
C4b	11.0	11.0	0.0%	Negligible
C4c	11.0	11.0	0.0%	Negligible
C5a	11.2	11.2	0.1%	Negligible
C5b	11.0	11.0	0.0%	Negligible
C5c	11.0	11.0	0.0%	Negligible
C6a	11.2	11.2	0.2%	Negligible
C6b	11.0	11.0	0.1%	Negligible
C6c	10.9	11.0	0.1%	Negligible

Table 9.4.10: Predicted Impacts on Annual Mean Nitrogen Dioxide Concentrations (µg/m³), 2029

Receptor ID	2029 DM (µg/m³)	2029 Faster Growth (µg/m³)	Change (% of objective)	Impact
R1	26.0	26.9	2.1%	Negligible
R2	26.1	27.0	2.2%	Negligible
R3	23.7	24.1	1.1%	Negligible
R4	27.1	27.4	0.7%	Negligible
R5	26.2	26.4	0.6%	Negligible
R6	23.7	23.9	0.4%	Negligible
R7	23.3	23.5	0.4%	Negligible
R8	24.5	24.7	0.3%	Negligible
R9	25.3	25.4	0.3%	Negligible
R10	22.4	22.6	0.7%	Negligible
R11	21.5	21.8	0.6%	Negligible
R12	21.6	21.8	0.4%	Negligible
R13	20.8	20.9	0.2%	Negligible
R14	22.6	22.9	0.5%	Negligible
R15	19.3	19.4	0.3%	Negligible
R16	23.5	24.0	1.1%	Negligible
R17	22.3	22.6	1.0%	Negligible
R18a	23.2	23.7	1.4%	Negligible
R18b	22.7	23.2	1.2%	Negligible
R19a	19.2	19.3	0.2%	Negligible
R19b	19.2	19.3	0.2%	Negligible
R20a	19.0	19.1	0.1%	Negligible
R20b	19.0	19.1	0.1%	Negligible
R21	23.2	23.5	0.8%	Negligible
R22a	23.4	23.5	0.3%	Negligible
R22b	23.2	23.3	0.2%	Negligible
R23a	21.9	22.3	0.9%	Negligible
R23b	21.2	21.6	0.9%	Negligible
R24a	21.1	21.4	0.8%	Negligible
R24b	20.8	21.1	0.7%	Negligible
R25a	21.2	21.5	0.9%	Negligible
R25b	21.1	21.4	0.9%	Negligible
R26a	22.9	23.1	0.5%	Negligible
R26b	22.2	22.4	0.4%	Negligible
R27a	24.1	24.5	0.9%	Negligible
R27b	23.6	23.9	0.8%	Negligible
R28a	20.4	20.6	0.5%	Negligible
R28b	20.3	20.5	0.5%	Negligible
R29a	23.6	24.0	0.8%	Negligible
R29b	23.4	23.7	0.8%	Negligible

Receptor ID	2029 DM (µg/m³)	2029 Faster Growth (µg/m³)	Change (% of objective)	Impact
R29cc	23.1	23.4	0.7%	Negligible
R30a	20.1	20.3	0.4%	Negligible
R30b	20.0	20.2	0.4%	Negligible
R31a	20.0	20.2	0.5%	Negligible
R31b	19.9	20.1	0.4%	Negligible
R32a	20.5	20.7	0.7%	Negligible
R32b	20.2	20.4	0.6%	Negligible
R33a	22.9	23.4	1.2%	Negligible
R33b	22.5	22.9	0.9%	Negligible
R34	22.2	22.4	0.5%	Negligible
R35a	21.0	21.3	0.6%	Negligible
R35b	20.7	20.9	0.5%	Negligible
R36a	23.3	23.5	0.5%	Negligible
R36b	21.8	22.0	0.4%	Negligible
R37	22.5	22.7	0.5%	Negligible
R38	20.4	20.5	0.2%	Negligible
R39	21.3	21.5	0.4%	Negligible
R40a	22.4	22.6	0.4%	Negligible
R40b	20.6	20.7	0.3%	Negligible
R41a	21.3	21.4	0.3%	Negligible
R41b	20.8	20.9	0.3%	Negligible
R42	21.6	21.9	0.7%	Negligible
R43	21.4	21.7	0.8%	Negligible
R44	21.7	22.1	1.0%	Negligible
R45	21.3	21.7	0.9%	Negligible
R46	22.5	22.6	0.4%	Negligible
R47	23.2	23.4	0.4%	Negligible
R48	25.1	25.3	0.6%	Negligible
R49	22.6	22.8	0.7%	Negligible
R50a	24.7	25.3	1.4%	Negligible
R50b	23.4	23.7	0.8%	Negligible
R51	23.6	23.7	0.4%	Negligible
R52a	22.1	22.5	1.0%	Negligible
R52b	21.5	21.8	0.9%	Negligible
R53a	22.3	22.5	0.4%	Negligible
R53b	20.5	20.7	0.3%	Negligible
R54	22.4	22.6	0.7%	Negligible
R55	20.9	21.1	0.5%	Negligible
R56a	22.6	22.8	0.5%	Negligible
R56b	21.9	22.0	0.4%	Negligible
R56c	21.6	21.7	0.3%	Negligible
R57a	22.4	22.6	0.4%	Negligible

Receptor ID	2029 DM (µg/m³)	2029 Faster Growth (µg/m³)	Change (% of objective)	Impact
R57b	21.8	22.0	0.4%	Negligible
R57c	21.6	21.7	0.3%	Negligible
R58a	22.0	22.1	0.4%	Negligible
R58b	21.6	21.7	0.4%	Negligible
R59a	21.3	21.4	0.3%	Negligible
R59b	20.7	20.8	0.3%	Negligible
R60	20.3	20.3	0.1%	Negligible
R61	23.8	24.2	0.9%	Negligible
R62	19.8	19.9	0.1%	Negligible
R63	21.4	21.7	0.7%	Negligible
R64	21.5	21.8	0.6%	Negligible
R65	23.5	23.8	0.8%	Negligible
R66	22.6	22.8	0.6%	Negligible
R67	22.6	22.8	0.5%	Negligible
R68	25.3	25.4	0.3%	Negligible
R69	23.7	23.8	0.3%	Negligible
R70	23.1	23.2	0.2%	Negligible
R71	24.4	24.5	0.4%	Negligible
C1	22.2	22.3	0.4%	Negligible
C2	21.4	21.8	0.8%	Negligible
C3a	21.7	21.9	0.6%	Negligible
C3b	20.5	20.7	0.5%	Negligible
C3c	20.2	20.4	0.5%	Negligible
C4a	23.5	23.7	0.3%	Negligible
C4b	23.0	23.0	0.2%	Negligible
C4c	22.9	22.9	0.2%	Negligible
C5a	23.3	23.4	0.3%	Negligible
C5b	22.6	22.7	0.2%	Negligible
C5c	22.5	22.5	0.2%	Negligible
C6a	23.6	23.9	0.8%	Negligible
C6b	22.9	23.2	0.7%	Negligible
C6c	22.5	22.8	0.6%	Negligible

Table 9.4.11: Predicted Impacts on Annual Mean PM₁₀ Concentrations (µg/m³), 2029

Receptor ID	2029 DM (µg/m ³)	2029 Faster Growth (µg/m ³)	Change (% of objective)	Impact
R1	17.0	17.0	0.2%	Negligible
R2	17.0	17.0	0.2%	Negligible
R3	16.7	16.7	0.1%	Negligible
R4	17.0	17.0	0.0%	Negligible
R5	16.9	16.9	0.0%	Negligible
R6	16.7	16.7	0.0%	Negligible
R7	16.7	16.7	0.0%	Negligible
R8	17.3	17.3	0.0%	Negligible
R9	17.2	17.2	0.0%	Negligible
R10	16.9	16.9	0.0%	Negligible
R11	16.5	16.6	0.0%	Negligible
R12	17.0	17.0	0.0%	Negligible
R13	17.0	17.0	0.1%	Negligible
R14	17.1	17.1	0.1%	Negligible
R15	15.8	15.8	0.0%	Negligible
R16	16.8	16.8	0.1%	Negligible
R17	16.8	16.8	0.0%	Negligible
R18a	16.6	16.6	0.0%	Negligible
R18b	16.5	16.5	0.0%	Negligible
R19a	16.1	16.1	0.0%	Negligible
R19b	16.0	16.0	0.0%	Negligible
R20a	15.8	15.8	0.0%	Negligible
R20b	15.8	15.8	0.0%	Negligible
R21	16.6	16.6	0.0%	Negligible
R22a	16.7	16.7	0.0%	Negligible
R22b	16.6	16.6	0.0%	Negligible
R23a	16.9	16.9	0.0%	Negligible
R23b	16.6	16.6	0.0%	Negligible
R24a	16.7	16.7	0.0%	Negligible
R24b	16.6	16.6	0.0%	Negligible
R25a	17.2	17.2	0.0%	Negligible
R25b	17.2	17.2	0.0%	Negligible
R26a	16.9	16.9	0.0%	Negligible
R26b	16.4	16.4	0.0%	Negligible
R27a	16.7	16.7	0.0%	Negligible
R27b	16.5	16.5	0.0%	Negligible
R28a	17.0	17.0	0.0%	Negligible
R28b	16.9	16.9	0.0%	Negligible
R29a	16.6	16.6	0.0%	Negligible
R29b	16.5	16.5	0.0%	Negligible

Receptor ID	2029 DM (µg/m³)	2029 Faster Growth (µg/m³)	Change (% of objective)	Impact
R29cc	16.4	16.4	0.0%	Negligible
R30a	16.8	16.8	0.0%	Negligible
R30b	16.8	16.8	0.0%	Negligible
R31a	16.6	16.6	0.0%	Negligible
R31b	16.6	16.6	0.0%	Negligible
R32a	18.3	18.3	0.0%	Negligible
R32b	18.2	18.3	0.0%	Negligible
R33a	16.9	17.0	0.0%	Negligible
R33b	16.9	16.9	0.0%	Negligible
R34	17.2	17.3	0.0%	Negligible
R35a	17.6	17.6	0.0%	Negligible
R35b	17.5	17.5	0.0%	Negligible
R36a	16.9	16.9	0.0%	Negligible
R36b	16.2	16.2	0.0%	Negligible
R37	16.6	16.6	0.0%	Negligible
R38	16.8	16.8	0.0%	Negligible
R39	17.8	17.8	0.0%	Negligible
R40a	17.8	17.9	0.0%	Negligible
R40b	17.1	17.1	0.0%	Negligible
R41a	17.3	17.3	0.0%	Negligible
R41b	17.0	17.1	0.0%	Negligible
R42	17.3	17.3	0.0%	Negligible
R43	17.1	17.1	0.0%	Negligible
R44	17.1	17.1	0.1%	Negligible
R45	17.1	17.2	0.1%	Negligible
R46	16.6	16.7	0.0%	Negligible
R47	16.7	16.7	0.0%	Negligible
R48	16.8	16.9	0.1%	Negligible
R49	16.8	16.8	0.0%	Negligible
R50a	16.9	17.0	0.2%	Negligible
R50b	16.5	16.5	0.0%	Negligible
R51	16.8	16.9	0.0%	Negligible
R52a	16.7	16.7	0.0%	Negligible
R52b	16.5	16.5	0.0%	Negligible
R53a	17.8	17.8	0.0%	Negligible
R53b	17.1	17.1	0.0%	Negligible
R54	16.9	16.9	0.0%	Negligible
R55	16.5	16.5	0.0%	Negligible
R56a	16.5	16.5	0.0%	Negligible
R56b	16.3	16.3	0.0%	Negligible
R56c	16.2	16.2	0.0%	Negligible
R57a	16.5	16.5	0.0%	Negligible

Receptor ID	2029 DM (µg/m³)	2029 Faster Growth (µg/m³)	Change (% of objective)	Impact
R57b	16.2	16.3	0.0%	Negligible
R57c	16.2	16.2	0.0%	Negligible
R58a	16.4	16.4	0.0%	Negligible
R58b	16.2	16.2	0.0%	Negligible
R59a	17.3	17.3	0.0%	Negligible
R59b	17.1	17.1	0.0%	Negligible
R60	18.7	18.7	0.0%	Negligible
R61	16.9	17.0	0.1%	Negligible
R62	18.4	18.4	0.0%	Negligible
R63	17.3	17.3	0.0%	Negligible
R64	16.5	16.6	0.0%	Negligible
R65	16.9	16.9	0.1%	Negligible
R66	16.8	16.8	0.0%	Negligible
R67	17.1	17.1	0.1%	Negligible
R68	17.0	17.1	0.0%	Negligible
R69	17.1	17.1	0.0%	Negligible
R70	16.9	16.9	0.0%	Negligible
R71	17.3	17.3	0.0%	Negligible
C1	17.2	17.2	0.0%	Negligible
C2	16.7	16.7	0.0%	Negligible
C3a	16.8	16.8	0.0%	Negligible
C3b	16.3	16.3	0.0%	Negligible
C3c	16.2	16.2	0.0%	Negligible
C4a	17.0	17.0	0.0%	Negligible
C4b	16.6	16.6	0.0%	Negligible
C4c	16.6	16.6	0.0%	Negligible
C5a	17.0	17.0	0.0%	Negligible
C5b	16.6	16.6	0.0%	Negligible
C5c	16.6	16.6	0.0%	Negligible
C6a	16.9	17.0	0.1%	Negligible
C6b	16.6	16.6	0.0%	Negligible
C6c	16.5	16.5	0.0%	Negligible

Table 9.4.12: Predicted Impacts on Annual Mean PM_{2.5} Concentrations (µg/m³), 2029

Receptor ID	2029 DM (µg/m³)	2029 Faster Growth (µg/m³)	Change (% of objective)	Impact
R1	11.3	11.3	0.2%	Negligible
R2	11.3	11.3	0.2%	Negligible
R3	11.1	11.1	0.1%	Negligible
R4	11.3	11.3	0.1%	Negligible
R5	11.2	11.2	0.0%	Negligible
R6	11.1	11.1	0.0%	Negligible
R7	11.1	11.1	0.0%	Negligible
R8	11.4	11.4	0.0%	Negligible
R9	11.4	11.4	0.0%	Negligible
R10	11.1	11.2	0.0%	Negligible
R11	10.9	10.9	0.0%	Negligible
R12	11.3	11.3	0.0%	Negligible
R13	11.2	11.2	0.1%	Negligible
R14	11.3	11.3	0.1%	Negligible
R15	10.6	10.6	0.0%	Negligible
R16	11.1	11.1	0.1%	Negligible
R17	11.1	11.1	0.0%	Negligible
R18a	11.0	11.0	0.0%	Negligible
R18b	10.9	10.9	0.0%	Negligible
R19a	10.7	10.7	0.0%	Negligible
R19b	10.7	10.7	0.0%	Negligible
R20a	10.5	10.5	0.0%	Negligible
R20b	10.5	10.5	0.0%	Negligible
R21	11.0	11.0	0.0%	Negligible
R22a	11.1	11.1	0.0%	Negligible
R22b	11.0	11.0	0.0%	Negligible
R23a	11.2	11.2	0.0%	Negligible
R23b	11.0	11.0	0.0%	Negligible
R24a	11.0	11.0	0.0%	Negligible
R24b	11.0	11.0	0.0%	Negligible
R25a	11.5	11.5	0.0%	Negligible
R25b	11.5	11.5	0.0%	Negligible
R26a	11.2	11.2	0.0%	Negligible
R26b	10.9	10.9	0.0%	Negligible
R27a	11.1	11.1	0.0%	Negligible
R27b	11.0	11.0	0.0%	Negligible
R28a	11.1	11.1	0.0%	Negligible
R28b	11.1	11.1	0.0%	Negligible
R29a	11.0	11.1	0.0%	Negligible
R29b	11.0	11.0	0.0%	Negligible

Receptor ID	2029 DM (µg/m³)	2029 Faster Growth (µg/m³)	Change (% of objective)	Impact
R29cc	11.0	11.0	0.0%	Negligible
R30a	11.1	11.1	0.0%	Negligible
R30b	11.1	11.1	0.0%	Negligible
R31a	11.0	11.0	0.0%	Negligible
R31b	11.0	11.0	0.0%	Negligible
R32a	12.0	12.0	0.0%	Negligible
R32b	12.0	12.0	0.0%	Negligible
R33a	11.3	11.3	0.0%	Negligible
R33b	11.2	11.2	0.0%	Negligible
R34	11.4	11.4	0.0%	Negligible
R35a	11.5	11.5	0.0%	Negligible
R35b	11.5	11.5	0.0%	Negligible
R36a	11.2	11.2	0.1%	Negligible
R36b	10.8	10.8	0.0%	Negligible
R37	11.0	11.0	0.0%	Negligible
R38	11.0	11.0	0.0%	Negligible
R39	11.7	11.7	0.0%	Negligible
R40a	11.7	11.7	0.0%	Negligible
R40b	11.3	11.3	0.0%	Negligible
R41a	11.3	11.3	0.0%	Negligible
R41b	11.2	11.2	0.0%	Negligible
R42	11.5	11.5	0.0%	Negligible
R43	11.4	11.4	0.0%	Negligible
R44	11.4	11.4	0.0%	Negligible
R45	11.4	11.4	0.1%	Negligible
R46	11.0	11.0	0.0%	Negligible
R47	11.1	11.1	0.0%	Negligible
R48	11.2	11.2	0.0%	Negligible
R49	11.1	11.1	0.0%	Negligible
R50a	11.2	11.3	0.2%	Negligible
R50b	11.0	11.0	0.0%	Negligible
R51	11.2	11.2	0.0%	Negligible
R52a	11.0	11.0	0.0%	Negligible
R52b	10.9	10.9	0.0%	Negligible
R53a	11.7	11.7	0.0%	Negligible
R53b	11.3	11.3	0.0%	Negligible
R54	11.1	11.1	0.0%	Negligible
R55	10.9	10.9	0.0%	Negligible
R56a	11.0	11.0	0.0%	Negligible
R56b	10.8	10.8	0.0%	Negligible
R56c	10.8	10.8	0.0%	Negligible
R57a	11.0	11.0	0.0%	Negligible

Receptor ID	2029 DM (µg/m³)	2029 Faster Growth (µg/m³)	Change (% of objective)	Impact
R57b	10.8	10.8	0.0%	Negligible
R57c	10.8	10.8	0.0%	Negligible
R58a	10.9	10.9	0.0%	Negligible
R58b	10.8	10.8	0.0%	Negligible
R59a	11.3	11.4	0.0%	Negligible
R59b	11.2	11.2	0.0%	Negligible
R60	12.2	12.2	0.0%	Negligible
R61	11.2	11.2	0.1%	Negligible
R62	12.0	12.0	0.0%	Negligible
R63	11.5	11.5	0.0%	Negligible
R64	10.9	10.9	0.0%	Negligible
R65	11.2	11.2	0.1%	Negligible
R66	11.1	11.1	0.0%	Negligible
R67	11.3	11.3	0.1%	Negligible
R68	11.3	11.3	0.0%	Negligible
R69	11.3	11.3	0.0%	Negligible
R70	11.1	11.1	0.0%	Negligible
R71	11.4	11.4	0.0%	Negligible
C1	11.4	11.4	0.0%	Negligible
C2	11.1	11.1	0.0%	Negligible
C3a	11.1	11.1	0.0%	Negligible
C3b	10.8	10.8	0.0%	Negligible
C3c	10.8	10.8	0.0%	Negligible
C4a	11.2	11.2	0.1%	Negligible
C4b	11.0	11.0	0.0%	Negligible
C4c	11.0	11.0	0.0%	Negligible
C5a	11.2	11.2	0.0%	Negligible
C5b	11.0	11.0	0.0%	Negligible
C5c	11.0	11.0	0.0%	Negligible
C6a	11.2	11.2	0.1%	Negligible
C6b	11.0	11.0	0.0%	Negligible
C6c	11.0	11.0	0.0%	Negligible

Table 9.4.13: Predicted Impacts on Annual Mean PM_{2.5} Concentrations (µg/m³), 2029, Comparison Against GLA Target

Receptor ID	2029 DM (µg/m ³)	2029 Faster Growth (µg/m ³)	Change (% of GLA target)	Impact
R1	11.3	11.3	0.4%	Negligible
R2	11.3	11.3	0.4%	Negligible
R3	11.1	11.1	0.1%	Negligible
R4	11.3	11.3	0.1%	Negligible
R5	11.2	11.2	0.1%	Negligible
R6	11.1	11.1	0.0%	Negligible
R7	11.1	11.1	0.0%	Negligible
R8	11.4	11.4	0.0%	Negligible
R9	11.4	11.4	0.0%	Negligible
R10	11.1	11.2	0.1%	Negligible
R11	10.9	10.9	0.1%	Negligible
R12	11.3	11.3	0.1%	Negligible
R13	11.2	11.2	0.1%	Negligible
R14	11.3	11.3	0.1%	Negligible
R15	10.6	10.6	0.0%	Negligible
R16	11.1	11.1	0.2%	Negligible
R17	11.1	11.1	0.0%	Negligible
R18a	11.0	11.0	0.0%	Negligible
R18b	10.9	10.9	0.0%	Negligible
R19a	10.7	10.7	0.0%	Negligible
R19b	10.7	10.7	0.0%	Negligible
R20a	10.5	10.5	0.0%	Negligible
R20b	10.5	10.5	0.0%	Negligible
R21	11.0	11.0	0.1%	Negligible
R22a	11.1	11.1	0.0%	Negligible
R22b	11.0	11.0	0.0%	Negligible
R23a	11.2	11.2	0.0%	Negligible
R23b	11.0	11.0	0.0%	Negligible
R24a	11.0	11.0	0.0%	Negligible
R24b	11.0	11.0	0.0%	Negligible
R25a	11.5	11.5	0.1%	Negligible
R25b	11.5	11.5	0.1%	Negligible
R26a	11.2	11.2	0.0%	Negligible
R26b	10.9	10.9	0.0%	Negligible
R27a	11.1	11.1	0.1%	Negligible
R27b	11.0	11.0	0.0%	Negligible
R28a	11.1	11.1	0.0%	Negligible
R28b	11.1	11.1	0.0%	Negligible
R29a	11.0	11.1	0.1%	Negligible

Receptor ID	2029 DM (µg/m³)	2029 Faster Growth (µg/m³)	Change (% of GLA target)	Impact
R29b	11.0	11.0	0.1%	Negligible
R29cc	11.0	11.0	0.0%	Negligible
R30a	11.1	11.1	0.0%	Negligible
R30b	11.1	11.1	0.0%	Negligible
R31a	11.0	11.0	0.0%	Negligible
R31b	11.0	11.0	0.0%	Negligible
R32a	12.0	12.0	0.1%	Negligible
R32b	12.0	12.0	0.0%	Negligible
R33a	11.3	11.3	0.1%	Negligible
R33b	11.2	11.2	0.1%	Negligible
R34	11.4	11.4	0.1%	Negligible
R35a	11.5	11.5	0.0%	Negligible
R35b	11.5	11.5	0.0%	Negligible
R36a	11.2	11.2	0.1%	Negligible
R36b	10.8	10.8	0.0%	Negligible
R37	11.0	11.0	0.1%	Negligible
R38	11.0	11.0	0.1%	Negligible
R39	11.7	11.7	0.0%	Negligible
R40a	11.7	11.7	0.1%	Negligible
R40b	11.3	11.3	0.0%	Negligible
R41a	11.3	11.3	0.1%	Negligible
R41b	11.2	11.2	0.0%	Negligible
R42	11.5	11.5	0.1%	Negligible
R43	11.4	11.4	0.1%	Negligible
R44	11.4	11.4	0.1%	Negligible
R45	11.4	11.4	0.1%	Negligible
R46	11.0	11.0	0.0%	Negligible
R47	11.1	11.1	0.0%	Negligible
R48	11.2	11.2	0.1%	Negligible
R49	11.1	11.1	0.1%	Negligible
R50a	11.2	11.3	0.4%	Negligible
R50b	11.0	11.0	0.1%	Negligible
R51	11.2	11.2	0.0%	Negligible
R52a	11.0	11.0	0.0%	Negligible
R52b	10.9	10.9	0.0%	Negligible
R53a	11.7	11.7	0.1%	Negligible
R53b	11.3	11.3	0.0%	Negligible
R54	11.1	11.1	0.1%	Negligible
R55	10.9	10.9	0.1%	Negligible
R56a	11.0	11.0	0.1%	Negligible
R56b	10.8	10.8	0.0%	Negligible
R56c	10.8	10.8	0.0%	Negligible

Receptor ID	2029 DM (µg/m³)	2029 Faster Growth (µg/m³)	Change (% of GLA target)	Impact
R57a	11.0	11.0	0.1%	Negligible
R57b	10.8	10.8	0.0%	Negligible
R57c	10.8	10.8	0.0%	Negligible
R58a	10.9	10.9	0.0%	Negligible
R58b	10.8	10.8	0.0%	Negligible
R59a	11.3	11.4	0.1%	Negligible
R59b	11.2	11.2	0.0%	Negligible
R60	12.2	12.2	0.1%	Negligible
R61	11.2	11.2	0.2%	Negligible
R62	12.0	12.0	0.0%	Negligible
R63	11.5	11.5	0.1%	Negligible
R64	10.9	10.9	0.1%	Negligible
R65	11.2	11.2	0.2%	Negligible
R66	11.1	11.1	0.1%	Negligible
R67	11.3	11.3	0.1%	Negligible
R68	11.3	11.3	0.1%	Negligible
R69	11.3	11.3	0.1%	Negligible
R70	11.1	11.1	0.0%	Negligible
R71	11.4	11.4	0.0%	Negligible
C1	11.4	11.4	0.1%	Negligible
C2	11.1	11.1	0.0%	Negligible
C3a	11.1	11.1	0.1%	Negligible
C3b	10.8	10.8	0.0%	Negligible
C3c	10.8	10.8	0.0%	Negligible
C4a	11.2	11.2	0.1%	Negligible
C4b	11.0	11.0	0.0%	Negligible
C4c	11.0	11.0	0.0%	Negligible
C5a	11.2	11.2	0.1%	Negligible
C5b	11.0	11.0	0.0%	Negligible
C5c	11.0	11.0	0.0%	Negligible
C6a	11.2	11.2	0.2%	Negligible
C6b	11.0	11.0	0.1%	Negligible
C6c	11.0	11.0	0.1%	Negligible

Table 9.4.14: Predicted Impacts on Annual Mean Nitrogen Dioxide Concentrations ($\mu\text{g}/\text{m}^3$), 2031

Receptor ID	2031 DM ($\mu\text{g}/\text{m}^3$)	2031 DC ($\mu\text{g}/\text{m}^3$)	Change (% of objective)	Impact
R1	25.4	26.6	3.0%	Negligible
R2	25.4	26.8	3.5%	Negligible
R3	23.2	23.9	1.8%	Negligible
R4	26.7	27.2	1.1%	Negligible
R5	25.8	26.2	1.0%	Negligible
R6	23.3	23.6	0.6%	Negligible
R7	22.9	23.2	0.7%	Negligible
R8	24.1	24.3	0.5%	Negligible
R9	24.9	25.1	0.5%	Negligible
R10	21.8	22.3	1.1%	Negligible
R11	21.1	21.5	1.0%	Negligible
R12	21.2	21.4	0.6%	Negligible
R13	20.3	20.4	0.3%	Negligible
R14	22.0	22.4	0.8%	Negligible
R15	18.9	19.1	0.5%	Negligible
R16	23.1	23.8	1.8%	Negligible
R17	21.8	22.5	1.6%	Negligible
R18a	22.8	23.7	2.3%	Negligible
R18b	22.3	23.1	2.0%	Negligible
R19a	18.8	18.9	0.3%	Negligible
R19b	18.8	18.9	0.2%	Negligible
R20a	18.6	18.7	0.2%	Negligible
R20b	18.6	18.7	0.2%	Negligible
R21	22.8	23.3	1.4%	Negligible
R22a	22.9	23.1	0.5%	Negligible
R22b	22.8	22.9	0.4%	Negligible
R23a	21.5	22.1	1.5%	Negligible
R23b	20.9	21.4	1.4%	Negligible
R24a	20.7	21.2	1.2%	Negligible
R24b	20.4	20.9	1.2%	Negligible
R25a	20.7	21.3	1.6%	Negligible
R25b	20.6	21.2	1.5%	Negligible
R26a	22.5	22.8	0.8%	Negligible
R26b	21.8	22.1	0.8%	Negligible
R27a	24.0	24.2	0.7%	Negligible
R27b	23.3	23.7	1.0%	Negligible
R28a	20.0	20.3	0.6%	Negligible
R28b	19.9	20.2	0.6%	Negligible
R29a	23.4	23.7	0.7%	Negligible
R29b	23.1	23.4	0.7%	Negligible
R29cc	22.8	23.2	0.8%	Negligible

Receptor ID	2031 DM (µg/m³)	2031 DC (µg/m³)	Change (% of objective)	Impact
R30a	19.7	20.0	0.7%	Negligible
R30b	19.6	19.9	0.6%	Negligible
R31a	19.6	19.9	0.8%	Negligible
R31b	19.5	19.8	0.8%	Negligible
R32a	20.0	20.5	1.1%	Negligible
R32b	19.8	20.1	0.9%	Negligible
R33a	22.4	23.2	2.0%	Negligible
R33b	22.1	22.8	1.7%	Negligible
R34	21.7	22.1	0.8%	Negligible
R35a	20.6	21.0	0.9%	Negligible
R35b	20.3	20.6	0.7%	Negligible
R36a	22.8	23.1	0.7%	Negligible
R36b	21.4	21.7	0.6%	Negligible
R37	22.1	22.4	0.7%	Negligible
R38	19.9	20.0	0.3%	Negligible
R39	20.9	21.1	0.5%	Negligible
R40a	21.8	22.0	0.5%	Negligible
R40b	20.2	20.3	0.4%	Negligible
R41a	20.8	21.0	0.4%	Negligible
R41b	20.3	20.5	0.4%	Negligible
R42	21.1	21.6	1.1%	Negligible
R43	21.0	21.5	1.3%	Negligible
R44	21.3	21.9	1.6%	Negligible
R45	20.9	21.5	1.5%	Negligible
R46	22.1	22.3	0.7%	Negligible
R47	22.8	23.1	0.6%	Negligible
R48	24.7	25.1	0.9%	Negligible
R49	22.1	22.6	1.2%	Negligible
R50a	24.1	24.8	1.7%	Negligible
R50b	23.0	23.5	1.3%	Negligible
R51	23.2	23.4	0.6%	Negligible
R52a	21.6	22.3	1.6%	Negligible
R52b	21.1	21.7	1.5%	Negligible
R53a	21.8	22.0	0.5%	Negligible
R53b	20.1	20.3	0.4%	Negligible
R54	21.8	22.2	1.1%	Negligible
R55	20.5	20.8	0.9%	Negligible
R56a	22.1	22.4	0.7%	Negligible
R56b	21.5	21.7	0.7%	Negligible
R56c	21.2	21.4	0.5%	Negligible
R57a	22.0	22.3	0.7%	Negligible
R57b	21.4	21.6	0.6%	Negligible

Receptor ID	2031 DM (µg/m³)	2031 DC (µg/m³)	Change (% of objective)	Impact
R57c	21.2	21.4	0.5%	Negligible
R58a	21.6	21.8	0.6%	Negligible
R58b	21.2	21.4	0.5%	Negligible
R59a	20.8	21.0	0.4%	Negligible
R59b	20.3	20.4	0.4%	Negligible
R60	19.8	19.9	0.2%	Negligible
R61	23.2	23.7	1.2%	Negligible
R62	19.4	19.4	0.1%	Negligible
R63	21.0	21.4	1.1%	Negligible
R64	21.1	21.5	1.0%	Negligible
R65	22.9	23.3	1.1%	Negligible
R66	22.0	22.4	1.0%	Negligible
R67	22.0	22.3	0.7%	Negligible
R68	24.7	24.9	0.5%	Negligible
R69	23.0	23.2	0.4%	Negligible
R70	22.6	22.7	0.4%	Negligible
R71	23.9	24.1	0.6%	Negligible
C1	21.7	22.0	0.7%	Negligible
C2	21.0	21.6	1.3%	Negligible
C3a	21.2	21.6	1.0%	Negligible
C3b	20.1	20.4	0.9%	Negligible
C3c	19.8	20.1	0.9%	Negligible
C4a	23.0	23.1	0.4%	Negligible
C4b	22.5	22.7	0.4%	Negligible
C4c	22.4	22.6	0.3%	Negligible
C5a	22.8	22.9	0.4%	Negligible
C5b	22.2	22.3	0.4%	Negligible
C5c	22.0	22.2	0.3%	Negligible
C6a	23.0	23.5	1.2%	Negligible
C6b	22.4	22.9	1.1%	Negligible
C6c	22.1	22.5	0.9%	Negligible

Table 9.4.15: Predicted Impacts on Annual Mean PM₁₀ Concentrations (µg/m³), 2031

Receptor ID	2031 DM (µg/m ³)	2031 DC (µg/m ³)	Change (% of objective)	Impact
R1	16.9	16.9	0.2%	Negligible
R2	16.9	17.0	0.2%	Negligible
R3	16.7	16.7	0.1%	Negligible
R4	17.0	17.1	0.1%	Negligible
R5	17.0	17.0	0.1%	Negligible
R6	16.7	16.7	0.0%	Negligible
R7	16.7	16.7	0.0%	Negligible
R8	17.3	17.3	0.0%	Negligible
R9	17.3	17.3	0.0%	Negligible
R10	16.9	16.9	0.0%	Negligible
R11	16.5	16.5	0.0%	Negligible
R12	17.0	17.0	0.0%	Negligible
R13	17.0	17.1	0.1%	Negligible
R14	17.0	17.0	0.0%	Negligible
R15	15.8	15.8	0.0%	Negligible
R16	16.8	16.8	0.1%	Negligible
R17	16.8	16.8	0.0%	Negligible
R18a	16.6	16.6	0.0%	Negligible
R18b	16.5	16.5	0.0%	Negligible
R19a	16.1	16.1	0.0%	Negligible
R19b	16.0	16.0	0.0%	Negligible
R20a	15.8	15.8	0.0%	Negligible
R20b	15.8	15.8	0.0%	Negligible
R21	16.6	16.6	0.1%	Negligible
R22a	16.7	16.7	0.0%	Negligible
R22b	16.6	16.7	0.0%	Negligible
R23a	16.9	16.9	0.0%	Negligible
R23b	16.6	16.6	0.0%	Negligible
R24a	16.7	16.7	0.0%	Negligible
R24b	16.6	16.6	0.0%	Negligible
R25a	17.2	17.2	0.1%	Negligible
R25b	17.2	17.2	0.1%	Negligible
R26a	16.9	16.9	0.0%	Negligible
R26b	16.4	16.4	0.0%	Negligible
R27a	16.7	16.7	0.0%	Negligible
R27b	16.5	16.5	0.0%	Negligible
R28a	17.0	17.0	0.0%	Negligible
R28b	16.9	16.9	0.0%	Negligible
R29a	16.6	16.6	0.0%	Negligible
R29b	16.5	16.5	0.0%	Negligible
R29cc	16.4	16.4	0.0%	Negligible

Receptor ID	2031 DM (µg/m³)	2031 DC (µg/m³)	Change (% of objective)	Impact
R30a	16.8	16.8	0.0%	Negligible
R30b	16.8	16.8	0.0%	Negligible
R31a	16.6	16.6	0.0%	Negligible
R31b	16.6	16.6	0.0%	Negligible
R32a	18.3	18.3	0.1%	Negligible
R32b	18.2	18.3	0.0%	Negligible
R33a	16.9	17.0	0.1%	Negligible
R33b	16.9	16.9	0.1%	Negligible
R34	17.3	17.3	0.0%	Negligible
R35a	17.6	17.6	0.0%	Negligible
R35b	17.5	17.5	0.0%	Negligible
R36a	16.9	17.0	0.1%	Negligible
R36b	16.2	16.2	0.0%	Negligible
R37	16.6	16.6	0.0%	Negligible
R38	16.8	16.8	0.0%	Negligible
R39	17.8	17.8	0.0%	Negligible
R40a	17.8	17.9	0.0%	Negligible
R40b	17.1	17.1	0.0%	Negligible
R41a	17.3	17.3	0.0%	Negligible
R41b	17.0	17.1	0.0%	Negligible
R42	17.3	17.3	0.0%	Negligible
R43	17.1	17.1	0.1%	Negligible
R44	17.1	17.1	0.1%	Negligible
R45	17.1	17.2	0.1%	Negligible
R46	16.6	16.7	0.0%	Negligible
R47	16.7	16.7	0.0%	Negligible
R48	16.9	16.9	0.1%	Negligible
R49	16.8	16.8	0.1%	Negligible
R50a	16.8	16.9	0.1%	Negligible
R50b	16.5	16.5	0.0%	Negligible
R51	16.9	16.9	0.0%	Negligible
R52a	16.7	16.7	0.0%	Negligible
R52b	16.5	16.5	0.0%	Negligible
R53a	17.8	17.8	0.0%	Negligible
R53b	17.1	17.1	0.0%	Negligible
R54	16.9	16.9	0.0%	Negligible
R55	16.5	16.5	0.1%	Negligible
R56a	16.5	16.6	0.0%	Negligible
R56b	16.3	16.3	0.0%	Negligible
R56c	16.2	16.2	0.0%	Negligible
R57a	16.5	16.5	0.0%	Negligible
R57b	16.2	16.3	0.0%	Negligible

Receptor ID	2031 DM (µg/m³)	2031 DC (µg/m³)	Change (% of objective)	Impact
R57c	16.2	16.2	0.0%	Negligible
R58a	16.4	16.4	0.0%	Negligible
R58b	16.2	16.2	0.0%	Negligible
R59a	17.3	17.3	0.0%	Negligible
R59b	17.1	17.1	0.0%	Negligible
R60	18.7	18.7	0.0%	Negligible
R61	16.9	16.9	0.1%	Negligible
R62	18.4	18.4	0.0%	Negligible
R63	17.3	17.4	0.0%	Negligible
R64	16.5	16.5	0.0%	Negligible
R65	16.9	16.9	0.1%	Negligible
R66	16.7	16.8	0.0%	Negligible
R67	17.0	17.1	0.0%	Negligible
R68	17.0	17.0	0.0%	Negligible
R69	17.0	17.0	0.0%	Negligible
R70	16.8	16.9	0.0%	Negligible
R71	17.3	17.3	0.0%	Negligible
C1	17.2	17.2	0.0%	Negligible
C2	16.7	16.7	0.0%	Negligible
C3a	16.8	16.8	0.1%	Negligible
C3b	16.3	16.3	0.0%	Negligible
C3c	16.2	16.2	0.0%	Negligible
C4a	16.9	16.9	0.0%	Negligible
C4b	16.6	16.6	0.0%	Negligible
C4c	16.6	16.6	0.0%	Negligible
C5a	16.9	16.9	0.0%	Negligible
C5b	16.6	16.6	0.0%	Negligible
C5c	16.6	16.6	0.0%	Negligible
C6a	16.9	16.9	0.1%	Negligible
C6b	16.5	16.6	0.1%	Negligible
C6c	16.5	16.5	0.0%	Negligible

Table 9.4.16: Predicted Impacts on Annual Mean PM_{2.5} Concentrations (µg/m³), 2031

Receptor ID	2031 DM (µg/m³)	2031 DC (µg/m³)	Change (% of objective)	Impact
R1	11.2	11.3	0.3%	Negligible
R2	11.3	11.3	0.4%	Negligible
R3	11.1	11.1	0.2%	Negligible
R4	11.3	11.3	0.1%	Negligible
R5	11.3	11.3	0.1%	Negligible
R6	11.1	11.1	0.0%	Negligible
R7	11.1	11.1	0.0%	Negligible
R8	11.4	11.4	0.0%	Negligible
R9	11.4	11.4	0.0%	Negligible
R10	11.1	11.2	0.1%	Negligible
R11	10.9	10.9	0.0%	Negligible
R12	11.3	11.3	0.0%	Negligible
R13	11.2	11.2	0.1%	Negligible
R14	11.2	11.2	0.1%	Negligible
R15	10.6	10.6	0.0%	Negligible
R16	11.1	11.2	0.2%	Negligible
R17	11.1	11.1	0.0%	Negligible
R18a	11.0	11.0	0.1%	Negligible
R18b	10.9	10.9	0.1%	Negligible
R19a	10.7	10.7	0.0%	Negligible
R19b	10.7	10.7	0.0%	Negligible
R20a	10.5	10.6	0.0%	Negligible
R20b	10.5	10.5	0.0%	Negligible
R21	11.0	11.0	0.1%	Negligible
R22a	11.1	11.1	0.0%	Negligible
R22b	11.0	11.0	0.0%	Negligible
R23a	11.2	11.2	0.0%	Negligible
R23b	11.0	11.0	0.0%	Negligible
R24a	11.0	11.0	0.0%	Negligible
R24b	11.0	11.0	0.0%	Negligible
R25a	11.5	11.5	0.1%	Negligible
R25b	11.5	11.5	0.1%	Negligible
R26a	11.2	11.2	0.0%	Negligible
R26b	10.9	10.9	0.0%	Negligible
R27a	11.1	11.1	0.0%	Negligible
R27b	11.0	11.0	0.0%	Negligible
R28a	11.1	11.1	0.0%	Negligible
R28b	11.1	11.1	0.0%	Negligible
R29a	11.1	11.1	0.0%	Negligible
R29b	11.0	11.0	0.0%	Negligible
R29cc	11.0	11.0	0.0%	Negligible

Receptor ID	2031 DM (µg/m³)	2031 DC (µg/m³)	Change (% of objective)	Impact
R30a	11.1	11.1	0.0%	Negligible
R30b	11.1	11.1	0.0%	Negligible
R31a	11.0	11.0	0.0%	Negligible
R31b	11.0	11.0	0.0%	Negligible
R32a	12.0	12.0	0.1%	Negligible
R32b	12.0	12.0	0.1%	Negligible
R33a	11.3	11.3	0.1%	Negligible
R33b	11.2	11.3	0.1%	Negligible
R34	11.4	11.4	0.1%	Negligible
R35a	11.5	11.5	0.0%	Negligible
R35b	11.5	11.5	0.0%	Negligible
R36a	11.2	11.2	0.1%	Negligible
R36b	10.8	10.8	0.0%	Negligible
R37	11.0	11.0	0.0%	Negligible
R38	11.0	11.0	0.0%	Negligible
R39	11.7	11.7	0.0%	Negligible
R40a	11.7	11.7	0.0%	Negligible
R40b	11.3	11.3	0.0%	Negligible
R41a	11.3	11.3	0.0%	Negligible
R41b	11.2	11.2	0.0%	Negligible
R42	11.5	11.5	0.1%	Negligible
R43	11.4	11.4	0.1%	Negligible
R44	11.4	11.4	0.1%	Negligible
R45	11.4	11.5	0.1%	Negligible
R46	11.0	11.0	0.0%	Negligible
R47	11.1	11.1	0.0%	Negligible
R48	11.2	11.2	0.1%	Negligible
R49	11.1	11.1	0.1%	Negligible
R50a	11.2	11.2	0.2%	Negligible
R50b	11.0	11.0	0.1%	Negligible
R51	11.2	11.2	0.0%	Negligible
R52a	11.0	11.1	0.0%	Negligible
R52b	10.9	10.9	0.0%	Negligible
R53a	11.7	11.7	0.0%	Negligible
R53b	11.3	11.3	0.0%	Negligible
R54	11.1	11.1	0.1%	Negligible
R55	10.9	10.9	0.1%	Negligible
R56a	11.0	11.0	0.0%	Negligible
R56b	10.8	10.9	0.0%	Negligible
R56c	10.8	10.8	0.0%	Negligible
R57a	11.0	11.0	0.0%	Negligible
R57b	10.8	10.8	0.0%	Negligible

Receptor ID	2031 DM (µg/m³)	2031 DC (µg/m³)	Change (% of objective)	Impact
R57c	10.8	10.8	0.0%	Negligible
R58a	10.9	10.9	0.0%	Negligible
R58b	10.8	10.8	0.0%	Negligible
R59a	11.3	11.4	0.0%	Negligible
R59b	11.2	11.2	0.0%	Negligible
R60	12.2	12.2	0.0%	Negligible
R61	11.2	11.2	0.1%	Negligible
R62	12.0	12.0	0.0%	Negligible
R63	11.5	11.5	0.1%	Negligible
R64	10.9	10.9	0.0%	Negligible
R65	11.2	11.2	0.1%	Negligible
R66	11.1	11.1	0.1%	Negligible
R67	11.2	11.2	0.1%	Negligible
R68	11.3	11.3	0.0%	Negligible
R69	11.2	11.2	0.0%	Negligible
R70	11.1	11.1	0.0%	Negligible
R71	11.4	11.4	0.0%	Negligible
C1	11.4	11.4	0.1%	Negligible
C2	11.1	11.1	0.0%	Negligible
C3a	11.1	11.1	0.1%	Negligible
C3b	10.8	10.8	0.0%	Negligible
C3c	10.8	10.8	0.0%	Negligible
C4a	11.2	11.2	0.0%	Negligible
C4b	11.0	11.0	0.0%	Negligible
C4c	11.0	11.0	0.0%	Negligible
C5a	11.2	11.2	0.0%	Negligible
C5b	11.0	11.0	0.0%	Negligible
C5c	11.0	11.0	0.0%	Negligible
C6a	11.2	11.2	0.1%	Negligible
C6b	11.0	11.0	0.1%	Negligible
C6c	11.0	11.0	0.1%	Negligible

Table 9.4.17: Predicted Impacts on Annual Mean PM_{2.5} Concentrations (µg/m³), 2031, Comparison Against GLA Target

Receptor ID	2031 DM (µg/m ³)	2031 DC (µg/m ³)	Change (% of GLA target)	Impact
R1	11.2	11.3	0.6%	Moderate
R2	11.3	11.3	0.7%	Moderate
R3	11.1	11.1	0.3%	Negligible
R4	11.3	11.3	0.2%	Negligible
R5	11.3	11.3	0.2%	Negligible
R6	11.1	11.1	0.1%	Negligible
R7	11.1	11.1	0.1%	Negligible
R8	11.4	11.4	0.1%	Negligible
R9	11.4	11.4	0.1%	Negligible
R10	11.1	11.2	0.1%	Negligible
R11	10.9	10.9	0.1%	Negligible
R12	11.3	11.3	0.1%	Negligible
R13	11.2	11.2	0.1%	Negligible
R14	11.2	11.2	0.1%	Negligible
R15	10.6	10.6	0.1%	Negligible
R16	11.1	11.2	0.4%	Negligible
R17	11.1	11.1	0.1%	Negligible
R18a	11.0	11.0	0.1%	Negligible
R18b	10.9	10.9	0.1%	Negligible
R19a	10.7	10.7	0.0%	Negligible
R19b	10.7	10.7	0.0%	Negligible
R20a	10.5	10.6	0.0%	Negligible
R20b	10.5	10.5	0.0%	Negligible
R21	11.0	11.0	0.2%	Negligible
R22a	11.1	11.1	0.1%	Negligible
R22b	11.0	11.0	0.0%	Negligible
R23a	11.2	11.2	0.1%	Negligible
R23b	11.0	11.0	0.1%	Negligible
R24a	11.0	11.0	0.1%	Negligible
R24b	11.0	11.0	0.1%	Negligible
R25a	11.5	11.5	0.2%	Negligible
R25b	11.5	11.5	0.2%	Negligible
R26a	11.2	11.2	0.1%	Negligible
R26b	10.9	10.9	0.0%	Negligible
R27a	11.1	11.1	-0.1%	Negligible
R27b	11.0	11.0	0.0%	Negligible
R28a	11.1	11.1	0.0%	Negligible
R28b	11.1	11.1	0.0%	Negligible
R29a	11.1	11.1	0.0%	Negligible

Receptor ID	2031 DM (µg/m³)	2031 DC (µg/m³)	Change (% of GLA target)	Impact
R29b	11.0	11.0	0.0%	Negligible
R29cc	11.0	11.0	0.0%	Negligible
R30a	11.1	11.1	0.0%	Negligible
R30b	11.1	11.1	0.0%	Negligible
R31a	11.0	11.0	0.0%	Negligible
R31b	11.0	11.0	0.0%	Negligible
R32a	12.0	12.0	0.2%	Negligible
R32b	12.0	12.0	0.1%	Negligible
R33a	11.3	11.3	0.2%	Negligible
R33b	11.2	11.3	0.2%	Negligible
R34	11.4	11.4	0.1%	Negligible
R35a	11.5	11.5	0.0%	Negligible
R35b	11.5	11.5	0.0%	Negligible
R36a	11.2	11.2	0.1%	Negligible
R36b	10.8	10.8	0.1%	Negligible
R37	11.0	11.0	0.1%	Negligible
R38	11.0	11.0	0.1%	Negligible
R39	11.7	11.7	0.0%	Negligible
R40a	11.7	11.7	0.1%	Negligible
R40b	11.3	11.3	0.0%	Negligible
R41a	11.3	11.3	0.0%	Negligible
R41b	11.2	11.2	0.0%	Negligible
R42	11.5	11.5	0.1%	Negligible
R43	11.4	11.4	0.1%	Negligible
R44	11.4	11.4	0.2%	Negligible
R45	11.4	11.5	0.2%	Negligible
R46	11.0	11.0	0.1%	Negligible
R47	11.1	11.1	0.1%	Negligible
R48	11.2	11.2	0.2%	Negligible
R49	11.1	11.1	0.2%	Negligible
R50a	11.2	11.2	0.3%	Negligible
R50b	11.0	11.0	0.1%	Negligible
R51	11.2	11.2	0.1%	Negligible
R52a	11.0	11.1	0.1%	Negligible
R52b	10.9	10.9	0.1%	Negligible
R53a	11.7	11.7	0.1%	Negligible
R53b	11.3	11.3	0.0%	Negligible
R54	11.1	11.1	0.1%	Negligible
R55	10.9	10.9	0.2%	Negligible
R56a	11.0	11.0	0.1%	Negligible
R56b	10.8	10.9	0.1%	Negligible
R56c	10.8	10.8	0.0%	Negligible

Receptor ID	2031 DM (µg/m³)	2031 DC (µg/m³)	Change (% of GLA target)	Impact
R57a	11.0	11.0	0.1%	Negligible
R57b	10.8	10.8	0.1%	Negligible
R57c	10.8	10.8	0.0%	Negligible
R58a	10.9	10.9	0.1%	Negligible
R58b	10.8	10.8	0.0%	Negligible
R59a	11.3	11.4	0.0%	Negligible
R59b	11.2	11.2	0.0%	Negligible
R60	12.2	12.2	0.1%	Negligible
R61	11.2	11.2	0.2%	Negligible
R62	12.0	12.0	0.0%	Negligible
R63	11.5	11.5	0.1%	Negligible
R64	10.9	10.9	0.1%	Negligible
R65	11.2	11.2	0.2%	Negligible
R66	11.1	11.1	0.1%	Negligible
R67	11.2	11.2	0.1%	Negligible
R68	11.3	11.3	0.1%	Negligible
R69	11.2	11.2	0.1%	Negligible
R70	11.1	11.1	0.1%	Negligible
R71	11.4	11.4	0.1%	Negligible
C1	11.4	11.4	0.1%	Negligible
C2	11.1	11.1	0.1%	Negligible
C3a	11.1	11.1	0.1%	Negligible
C3b	10.8	10.8	0.1%	Negligible
C3c	10.8	10.8	0.1%	Negligible
C4a	11.2	11.2	0.1%	Negligible
C4b	11.0	11.0	0.0%	Negligible
C4c	11.0	11.0	0.0%	Negligible
C5a	11.2	11.2	0.1%	Negligible
C5b	11.0	11.0	0.0%	Negligible
C5c	11.0	11.0	0.0%	Negligible
C6a	11.2	11.2	0.2%	Negligible
C6b	11.0	11.0	0.1%	Negligible
C6c	11.0	11.0	0.1%	Negligible

Limit Value Receptors

Table 9.4.18: Modelled Annual Mean Nitrogen Dioxide, PM₁₀ and PM_{2.5} Concentrations (µg/m³), 2019

Receptor ID	NO ₂ (µg/m ³)	PM ₁₀ (µg/m ³)	PM _{2.5} (µg/m ³)
LV1	42.8	22.8	14.5
LV2	42.3	22.6	14.4
LV3	37.5	21.3	13.7
LV4	41.5	22.1	14.2
LV5	39.2	21.4	13.8
LV6	40.5	21.6	13.9
LV7	34.8	20.3	13.2
LV8	35.9	20.7	13.4
LV9	30.4	19.1	12.4
LV10	31.1	19.3	12.5
LV11	43.4	22.9	14.5
LV12	40.1	22.0	14.0
LV13	42.6	22.8	14.7
LV14	38.4	21.6	14.0
LV15	37.8	22.1	14.4
LV16	34.8	21.4	13.9

Table 9.4.19: Predicted Impacts on Annual Mean Nitrogen Dioxide Concentrations (µg/m³), 2025

Receptor ID	2025 DM (µg/m ³)	2025 DC (µg/m ³)	Change (% of limit value)	Impact
LV1	32.1	32.2	0.0%	Negligible
LV2	31.7	31.8	0.0%	Negligible
LV3	27.7	27.8	0.1%	Negligible
LV4	29.5	29.6	0.1%	Negligible
LV5	28.4	28.4	0.0%	Negligible
LV6	29.2	29.2	0.1%	Negligible
LV7	26.1	26.1	0.1%	Negligible
LV8	26.4	26.4	0.1%	Negligible
LV9	23.5	23.5	0.0%	Negligible
LV10	24.1	24.1	0.0%	Negligible
LV11	31.5	31.5	0.0%	Negligible
LV12	29.7	29.7	0.1%	Negligible
LV13	32.6	32.6	0.0%	Negligible
LV14	29.9	29.9	0.0%	Negligible
LV15	28.0	28.0	0.0%	Negligible
LV16	26.1	26.2	0.0%	Negligible

Table 9.4.20: Predicted Impacts on Annual Mean PM₁₀ Concentrations (µg/m³), 2025

Receptor ID	2025 DM (µg/m³)	2025 DC (µg/m³)	Change (% of limit value)	Impact
LV1	21.7	21.7	0.0%	Negligible
LV2	21.4	21.4	0.0%	Negligible
LV3	19.7	19.8	0.0%	Negligible
LV4	20.3	20.4	0.0%	Negligible
LV5	19.7	19.7	0.0%	Negligible
LV6	19.9	19.9	0.0%	Negligible
LV7	18.9	18.9	0.0%	Negligible
LV8	19.0	19.0	0.0%	Negligible
LV9	17.7	17.7	0.0%	Negligible
LV10	17.9	17.9	0.0%	Negligible
LV11	21.4	21.4	0.0%	Negligible
LV12	20.5	20.5	0.0%	Negligible
LV13	22.0	22.0	0.0%	Negligible
LV14	20.7	20.7	0.0%	Negligible
LV15	20.8	20.8	0.0%	Negligible
LV16	20.0	20.0	0.0%	Negligible

Table 9.4.21: Predicted Impacts on Annual Mean PM_{2.5} Concentrations (µg/m³), 2025

Receptor ID	2025 DM (µg/m³)	2025 DC (µg/m³)	Change (% of limit value)	Impact
LV1	13.6	13.6	0.0%	Negligible
LV2	13.4	13.4	0.0%	Negligible
LV3	12.6	12.6	0.0%	Negligible
LV4	12.9	12.9	0.0%	Negligible
LV5	12.5	12.5	0.0%	Negligible
LV6	12.7	12.7	0.0%	Negligible
LV7	12.1	12.1	0.0%	Negligible
LV8	12.2	12.2	0.0%	Negligible
LV9	11.4	11.4	0.0%	Negligible
LV10	11.5	11.5	0.0%	Negligible
LV11	13.4	13.4	0.0%	Negligible
LV12	12.9	12.9	0.0%	Negligible
LV13	13.9	13.9	0.0%	Negligible
LV14	13.2	13.2	0.0%	Negligible
LV15	13.3	13.3	0.0%	Negligible
LV16	12.9	12.9	0.0%	Negligible

Table 9.4.22: Predicted Impacts on Annual Mean Nitrogen Dioxide Concentrations ($\mu\text{g}/\text{m}^3$), 2027

Receptor ID	2027 DM ($\mu\text{g}/\text{m}^3$)	2027 DC ($\mu\text{g}/\text{m}^3$)	Change (% of limit value)	Impact
LV1	30.2	30.3	0.1%	Negligible
LV2	29.9	29.9	0.0%	Negligible
LV3	26.4	26.4	0.1%	Negligible
LV4	28.0	28.0	0.1%	Negligible
LV5	26.9	26.9	0.0%	Negligible
LV6	27.6	27.6	0.0%	Negligible
LV7	24.9	24.9	0.1%	Negligible
LV8	25.1	25.2	0.1%	Negligible
LV9	22.6	22.6	0.0%	Negligible
LV10	23.1	23.1	0.0%	Negligible
LV11	29.7	29.7	0.0%	Negligible
LV12	28.0	28.1	0.0%	Negligible
LV13	30.6	30.6	0.0%	Negligible
LV14	28.3	28.3	0.0%	Negligible
LV15	26.5	26.5	0.0%	Negligible
LV16	24.8	24.8	0.0%	Negligible

Table 9.4.23: Predicted Impacts on Annual Mean PM₁₀ Concentrations ($\mu\text{g}/\text{m}^3$), 2027

Receptor ID	2027 DM ($\mu\text{g}/\text{m}^3$)	2027 DC ($\mu\text{g}/\text{m}^3$)	Change (% of limit value)	Impact
LV1	21.6	21.7	0.0%	Negligible
LV2	21.4	21.4	0.0%	Negligible
LV3	19.8	19.8	0.0%	Negligible
LV4	20.4	20.4	0.0%	Negligible
LV5	19.7	19.7	0.0%	Negligible
LV6	19.9	20.0	0.0%	Negligible
LV7	18.9	18.9	0.0%	Negligible
LV8	19.1	19.1	0.0%	Negligible
LV9	17.7	17.7	0.0%	Negligible
LV10	17.9	17.9	0.0%	Negligible
LV11	21.4	21.4	0.0%	Negligible
LV12	20.5	20.5	0.0%	Negligible
LV13	22.0	22.0	0.0%	Negligible
LV14	20.7	20.7	0.0%	Negligible
LV15	20.8	20.8	0.0%	Negligible
LV16	20.0	20.0	0.0%	Negligible

Table 9.4.24: Predicted Impacts on Annual Mean PM_{2.5} Concentrations (µg/m³), 2027

Receptor ID	2027 DM (µg/m ³)	2027 DC (µg/m ³)	Change (% of limit value)	Impact
LV1	13.6	13.6	0.0%	Negligible
LV2	13.4	13.4	0.0%	Negligible
LV3	12.6	12.6	0.0%	Negligible
LV4	12.9	12.9	0.0%	Negligible
LV5	12.5	12.5	0.0%	Negligible
LV6	12.7	12.7	0.0%	Negligible
LV7	12.1	12.1	0.0%	Negligible
LV8	12.2	12.2	0.0%	Negligible
LV9	11.4	11.4	0.0%	Negligible
LV10	11.6	11.6	0.0%	Negligible
LV11	13.4	13.4	0.0%	Negligible
LV12	12.9	12.9	0.0%	Negligible
LV13	13.9	13.9	0.0%	Negligible
LV14	13.2	13.2	0.0%	Negligible
LV15	13.3	13.3	0.0%	Negligible
LV16	12.9	12.9	0.0%	Negligible

Table 9.4.25: Predicted Impacts on Annual Mean Nitrogen Dioxide Concentrations ($\mu\text{g}/\text{m}^3$), 2029

Receptor ID	2029 DM ($\mu\text{g}/\text{m}^3$)	2029 Faster Growth ($\mu\text{g}/\text{m}^3$)	Change (% of limit value)	Impact
LV1	28.1	28.2	0.1%	Negligible
LV2	27.9	27.9	0.0%	Negligible
LV3	24.9	24.9	0.1%	Negligible
LV4	26.3	26.3	0.1%	Negligible
LV5	25.3	25.3	0.1%	Negligible
LV6	25.9	25.9	0.1%	Negligible
LV7	23.5	23.6	0.1%	Negligible
LV8	23.7	23.8	0.1%	Negligible
LV9	21.5	21.5	0.0%	Negligible
LV10	22.0	22.0	0.0%	Negligible
LV11	27.7	27.7	0.0%	Negligible
LV12	26.3	26.4	0.1%	Negligible
LV13	28.4	28.4	0.0%	Negligible
LV14	26.4	26.4	0.0%	Negligible
LV15	24.8	24.8	0.0%	Negligible
LV16	23.4	23.4	0.0%	Negligible

Table 9.4.26: Predicted Impacts on Annual Mean PM_{10} Concentrations ($\mu\text{g}/\text{m}^3$), 2029

Receptor ID	2029 DM ($\mu\text{g}/\text{m}^3$)	2029 Faster Growth ($\mu\text{g}/\text{m}^3$)	Change (% of limit value)	Impact
LV1	21.6	21.6	0.0%	Negligible
LV2	21.4	21.4	0.0%	Negligible
LV3	19.8	19.8	0.0%	Negligible
LV4	20.4	20.4	0.0%	Negligible
LV5	19.7	19.7	0.0%	Negligible
LV6	20.0	20.0	0.0%	Negligible
LV7	18.9	18.9	0.0%	Negligible
LV8	19.1	19.1	0.0%	Negligible
LV9	17.7	17.7	0.0%	Negligible
LV10	17.9	17.9	0.0%	Negligible
LV11	21.4	21.4	0.0%	Negligible
LV12	20.5	20.5	0.0%	Negligible
LV13	22.1	22.1	0.0%	Negligible
LV14	20.7	20.7	0.0%	Negligible
LV15	20.9	20.9	0.0%	Negligible
LV16	20.0	20.0	0.0%	Negligible

Table 9.4.27: Predicted Impacts on Annual Mean PM_{2.5} Concentrations (µg/m³), 2029

Receptor ID	2029 DM (µg/m ³)	2029 Faster Growth (µg/m ³)	Change (% of limit value)	Impact
LV1	13.6	13.6	0.0%	Negligible
LV2	13.4	13.4	0.0%	Negligible
LV3	12.6	12.6	0.0%	Negligible
LV4	12.9	13.0	0.0%	Negligible
LV5	12.5	12.5	0.0%	Negligible
LV6	12.7	12.7	0.0%	Negligible
LV7	12.1	12.1	0.0%	Negligible
LV8	12.2	12.2	0.0%	Negligible
LV9	11.4	11.4	0.0%	Negligible
LV10	11.6	11.6	0.0%	Negligible
LV11	13.4	13.4	0.0%	Negligible
LV12	12.9	12.9	0.0%	Negligible
LV13	13.9	13.9	0.0%	Negligible
LV14	13.2	13.2	0.0%	Negligible
LV15	13.4	13.4	0.0%	Negligible
LV16	12.9	12.9	0.0%	Negligible

Table 9.4.28: Predicted Impacts on Annual Mean Nitrogen Dioxide Concentrations ($\mu\text{g}/\text{m}^3$), 2031

Receptor ID	2031 DM ($\mu\text{g}/\text{m}^3$)	2031 DC ($\mu\text{g}/\text{m}^3$)	Change (% of limit value)	Impact
LV1	27.0	27.0	0.1%	Negligible
LV2	26.7	26.8	0.1%	Negligible
LV3	24.1	24.2	0.1%	Negligible
LV4	25.3	25.4	0.2%	Negligible
LV5	24.4	24.4	0.1%	Negligible
LV6	25.0	25.0	0.1%	Negligible
LV7	22.8	22.8	0.1%	Negligible
LV8	23.0	23.0	0.2%	Negligible
LV9	21.0	21.0	0.1%	Negligible
LV10	21.4	21.4	0.1%	Negligible
LV11	26.6	26.7	0.1%	Negligible
LV12	25.4	25.4	0.1%	Negligible
LV13	27.2	27.2	0.1%	Negligible
LV14	25.3	25.4	0.1%	Negligible
LV15	23.9	24.0	0.1%	Negligible
LV16	22.6	22.6	0.0%	Negligible

Table 9.4.29: Predicted Impacts on Annual Mean PM₁₀ Concentrations ($\mu\text{g}/\text{m}^3$), 2031

Receptor ID	2031 DM ($\mu\text{g}/\text{m}^3$)	2031 DC ($\mu\text{g}/\text{m}^3$)	Change (% of limit value)	Impact
LV1	21.6	21.6	0.0%	Negligible
LV2	21.4	21.4	0.0%	Negligible
LV3	19.8	19.9	0.0%	Negligible
LV4	20.4	20.5	0.1%	Negligible
LV5	19.7	19.7	0.0%	Negligible
LV6	20.0	20.0	0.0%	Negligible
LV7	19.0	19.0	0.0%	Negligible
LV8	19.1	19.2	0.1%	Negligible
LV9	17.7	17.7	0.0%	Negligible
LV10	17.9	18.0	0.0%	Negligible
LV11	21.4	21.4	0.0%	Negligible
LV12	20.5	20.5	0.0%	Negligible
LV13	22.1	22.1	0.0%	Negligible
LV14	20.7	20.7	0.0%	Negligible
LV15	20.9	20.9	0.0%	Negligible
LV16	20.1	20.1	0.0%	Negligible

Table 9.4.30: Predicted Impacts on Annual Mean PM_{2.5} Concentrations (µg/m³), 2031

Receptor ID	2031 DM (µg/m³)	2031 DC (µg/m³)	Change (% of limit value)	Impact
LV1	13.6	13.6	0.0%	Negligible
LV2	13.4	13.4	0.0%	Negligible
LV3	12.6	12.6	0.0%	Negligible
LV4	13.0	13.0	0.1%	Negligible
LV5	12.5	12.5	0.0%	Negligible
LV6	12.7	12.7	0.0%	Negligible
LV7	12.2	12.2	0.0%	Negligible
LV8	12.3	12.3	0.0%	Negligible
LV9	11.5	11.5	0.0%	Negligible
LV10	11.6	11.6	0.0%	Negligible
LV11	13.4	13.4	0.0%	Negligible
LV12	12.9	12.9	0.0%	Negligible
LV13	13.9	13.9	0.0%	Negligible
LV14	13.2	13.2	0.0%	Negligible
LV15	13.4	13.4	0.0%	Negligible
LV16	12.9	12.9	0.0%	Negligible