

APPENDIX 14.7 – BASELINE AIR POLLUTION CONCENTRATIONS

Table 14.7.1: Predicted 2022 Baseline Annual Mean Concentrations ($\mu\text{g}/\text{m}^3$)

Receptor	Annual Mean Concentration		
	NO ₂	PM ₁₀	PM _{2.5}
R.01	17.5	19.5	11.5
R.02	16.0	18.7	11.1
R.03	23.6	22.4	13.1
R.04	23.2	22.1	13.0
R.05	21.9	21.2	12.5
R.06	19.8	20.3	12.0
R.07	20.8	20.8	12.0
R.08	20.4	20.7	12.0
R.09	22.9	22.7	13.0
R.10	32.5	26.2	15.1
R.11	24.6	22.6	13.0
R.12	34.3	27.0	15.8
R.13	38.5	30.1	17.2
R.14	31.9	25.9	15.1
R.15	28.7	24.3	14.2
R.16	32.1	26.9	15.4
R.17	30.0	25.9	14.8
R.18	22.1	22.5	12.9
R.19	27.9	25.6	14.6
R.20	21.3	22.2	12.7
R.21	22.8	23.0	13.2
R.22	24.3	23.0	13.2
R.23	22.1	22.5	12.9
R.24	23.1	23.2	13.3
R.25	23.0	23.2	13.3
R.26	22.1	22.8	13.1
R.27	23.1	23.3	13.3
R.28	16.8	19.8	11.4
R.29	24.1	21.8	12.6
C.01	21.8	21.1	12.1
C.02	26.3	22.5	13.0
C.03	21.4	21.0	12.1
C.04	23.9	22.7	13.0
C.05	32.5	23.3	13.6
C.06	25.5	23.6	13.5

Table 14.7.2: Predicted 2025 Baseline Annual Mean Concentrations ($\mu\text{g}/\text{m}^3$)

Receptor	Annual Mean Concentration		
	NO ₂	PM ₁₀	PM _{2.5}
R.01	15.8	17.3	10.6
R.02	14.7	16.6	10.2
R.03	20.4	20.4	12.1
R.04	20.2	20.1	12.0
R.05	19.5	19.2	11.5
R.06	17.8	18.3	11.0
R.07	18.4	17.9	10.8
R.08	18.1	17.8	10.8
R.09	18.3	21.5	12.0
R.10	25.4	25.4	14.1
R.11	20.2	20.5	11.8
R.12	27.8	25.9	14.7
R.13	30.9	27.9	15.8
R.14	26.0	24.7	14.1
R.15	23.6	23.2	13.2
R.16	26.0	24.8	14.1
R.17	24.4	23.8	13.5
R.18	18.9	18.4	11.3
R.19	23.2	21.4	12.9
R.20	18.4	18.0	11.1
R.21	18.0	20.8	11.8
R.22	22.7	19.4	11.8
R.23	19.4	18.3	11.2
R.24	20.1	19.0	11.6
R.25	19.7	18.7	11.4
R.26	19.0	18.3	11.2
R.27	19.8	18.8	11.5
R.28	15.5	15.6	9.8
R.29	20.0	17.7	10.7
C.01	18.9	18.1	10.9
C.02	22.2	19.5	11.7
C.03	18.8	18.0	10.9
C.04	19.1	21.5	12.0
C.05	26.3	21.2	12.3
C.06	23.6	20.0	12.1

Table 14.7.3: Predicted 2026 Baseline Annual Mean Concentrations ($\mu\text{g}/\text{m}^3$)

Receptor	Annual Mean Concentration		
	NO ₂	PM ₁₀	PM _{2.5}
R.01	15.2	17.3	10.5
R.02	14.2	16.5	10.2
R.03	19.4	20.4	12.1
R.04	19.2	20.1	12.0
R.05	18.5	19.2	11.5
R.06	17.0	18.3	11.0
R.07	17.6	17.9	10.8
R.08	17.3	17.8	10.7
R.09	17.3	21.5	11.9
R.10	23.7	25.4	14.1
R.11	19.1	20.5	11.8
R.12	26.0	25.8	14.7
R.13	28.9	27.9	15.8
R.14	24.4	24.7	14.0
R.15	22.2	23.2	13.2
R.16	24.4	24.8	14.1
R.17	23.0	23.8	13.5
R.18	17.9	18.3	11.2
R.19	21.9	21.4	12.9
R.20	17.5	18.0	11.1
R.21	17.0	20.8	11.8
R.22	21.5	19.5	11.8
R.23	18.4	19.0	11.6
R.24	19.1	18.7	11.4
R.25	18.7	18.3	11.2
R.26	18.1	18.8	11.5
R.27	18.8	15.6	9.7
R.28	14.9	17.7	10.7
R.29	18.9	18.1	10.9
C.01	18.1	19.4	11.7
C.02	21.1	18.0	10.9
C.03	17.9	21.5	11.9
C.04	18.1	21.2	12.3
C.05	24.8	20.0	12.1
C.06	22.3	24.7	14.0