

Cumulative 19th Highest NO2 Concentration (µg/m3) for Scenario with Noise Barrier				
PATH_Grid	ASR ID	19th Highest 1-hour NO2 Concentration at various height (µg/m3)		
		1.5	4.5	7.5
3046	A1	94.6	94.6	87.0
3046	A2	95.8	93.1	89.8
3046	A3	97.6	94.6	86.7
3147	A4	121.0	102.0	85.0
3147	A5	127.2	102.0	84.6
3147	A6	86.1	86.1	81.1
3147	A7	125.7	101.1	84.9
3246	A8	79.9	77.7	75.9
3246	A9	77.7	77.3	75.8
3246	A10	77.7	77.3	75.4
3246	A11	94.4	87.3	80.0
3246	A12	84.4	80.0	79.9
3246	A13	75.8	72.6	72.3
3246	A14	84.9	84.4	79.8
3246	A15	76.7	76.1	75.8
3346	A16	73.9	72.6	70.6
3346	A17	85.5	76.5	71.7
3346	A18	105.0	79.0	70.4
3346	A19	80.2	72.0	69.7
3346	A20	78.4	73.9	71.7
3345	A21	113.5	90.0	78.9
3345	A22	79.6	77.1	77.1
3345	A23	79.9	79.9	78.9
3345	A24	79.6	79.6	79.6
3345	A25	78.0	78.0	76.0
3345	A26	96.2	82.0	77.1
3345	A27	77.1	76.4	76.4
3345	A28	71.4	71.4	71.4
3345	A29	84.7	80.3	77.1
3446	A30	65.9	65.9	65.9
3446	A31	65.9	64.9	62.1
3446	A32	73.7	71.6	69.4
3446	A33	58.7	58.7	58.7
3446	A34	71.6	69.3	65.9
3046	P1	100.9	94.3	86.4
3046	P2	89.8	88.3	86.2
3046	P3	113.4	100.9	93.6
3046	P4	142.3	115.0	96.6
3046	P5	144.3	113.4	96.6
3046	P6	95.5	94.6	88.5
3246	P7	115.3	93.8	76.7
3246	P8	97.8	91.4	79.1
3246	P9	120.6	101.0	83.7
3346	P10	80.0	73.9	69.1
3346	P11	109.0	81.0	69.7
3345	P12	103.6	110.2	99.4

Cumulative 19th Highest NO2 Concentration (µg/m3) for Scenario without Noise Barrier				
PATH_Grid	ASR ID	19th Highest 1-hour NO2 Concentration at various height (µg/m3)		
		1.5	4.5	7.5
3046	A1	94.6	94.6	87.0
3046	A2	96.8	93.1	89.8
3046	A3	97.6	94.6	85.0
3147	A4	121.6	102.0	85.0
3147	A5	127.2	102.0	84.6
3147	A6	86.1	86.1	81.1
3147	A7	125.7	101.1	84.9
3246	A8	79.9	77.7	75.9
3246	A9	77.7	77.3	75.8
3246	A10	77.7	77.3	75.4
3246	A11	94.4	87.3	80.9
3246	A12	84.7	82.9	78.6
3246	A13	75.9	75.9	72.6
3246	A14	84.9	84.4	79.8
3246	A15	76.7	76.1	75.8
3346	A16	73.9	72.6	70.6
3346	A17	85.5	76.5	71.7
3346	A18	105.0	79.0	70.4
3346	A19	80.2	72.0	69.7
3346	A20	78.4	73.9	72.6
3345	A21	114.3	90.0	78.9
3345	A22	79.6	77.1	77.1
3345	A23	80.2	79.9	78.9
3345	A24	79.6	79.6	79.6
3345	A25	78.0	78.0	76.0
3345	A26	96.2	82.5	78.0
3345	A27	77.1	76.4	76.4
3345	A28	71.4	71.4	71.4
3345	A29	84.7	80.3	77.1
3446	A30	65.9	65.9	65.9
3446	A31	65.9	64.9	62.1
3446	A32	73.7	72.3	69.4
3446	A33	58.7	58.7	58.7
3446	A34	71.6	69.3	65.9
3046	P1	100.9	94.3	86.4
3046	P2	89.8	88.3	86.2
3046	P3	113.4	100.9	93.6
3046	P4	142.5	113.4	95.8
3046	P5	144.3	113.4	96.6
3046	P6	95.5	94.6	88.5
3246	P7	115.3	93.8	76.7
3246	P8	98.2	91.4	79.1
3246	P9	120.6	101.0	83.7
3346	P10	80.0	73.9	69.1
3346	P11	109.8	81.0	69.7
3345	P12	117.6	94.6	79.6

Cumulative Annual NO2 Concentration ($\mu\text{g}/\text{m}^3$) for Scenario with Noise Barrier				
PATH_Grid	ASR ID	Annual NO2 Concentration at various height ($\mu\text{g}/\text{m}^3$)		
		1.5	4.5	7.5
3046	A1	17.6	16.5	15.1
3046	A2	20.0	17.7	15.6
3046	A3	19.1	17.0	15.2
3147	A4	21.5	15.9	13.9
3147	A5	27.3	17.6	14.4
3147	A6	13.8	13.3	12.5
3147	A7	26.8	16.4	13.6
3246	A8	17.3	15.0	13.1
3246	A9	16.4	14.5	12.8
3246	A10	16.2	14.0	12.6
3246	A11	15.7	13.7	12.4
3246	A12	13.8	13.2	12.5
3246	A13	14.0	13.4	12.7
3246	A14	14.0	13.2	12.5
3246	A15	13.6	12.9	12.1
3346	A16	12.1	11.9	11.6
3346	A17	15.5	12.3	11.5
3346	A18	18.6	12.2	11.5
3346	A19	14.1	12.4	11.6
3346	A20	13.9	12.5	11.6
3345	A21	22.0	14.3	12.5
3345	A22	13.1	12.4	11.8
3345	A23	13.4	12.9	12.2
3345	A24	12.3	12.0	11.6
3345	A25	11.7	11.4	11.3
3345	A26	14.8	12.3	11.6
3345	A27	11.3	11.2	11.2
3345	A28	11.0	11.0	11.0
3345	A29	14.8	12.8	11.8
3446	A30	10.8	10.7	10.7
3446	A31	10.7	10.7	10.6
3446	A32	12.8	12.0	11.2
3446	A33	10.5	10.5	10.5
3446	A34	12.6	11.3	10.9
3046	P1	23.5	18.4	15.6
3046	P2	17.6	16.4	15.2
3046	P3	23.3	18.7	15.9
3046	P4	29.6	19.0	16.6
3046	P5	29.5	18.6	16.0
3046	P6	17.3	16.3	14.9
3246	P7	20.0	13.8	12.7
3246	P8	16.6	13.8	12.5
3246	P9	19.0	13.5	12.5
3346	P10	13.9	12.5	11.6
3346	P11	18.6	12.2	11.5
3345	P12	18.8	21.1	15.8

Cumulative Annual NO2 Concentration ($\mu\text{g}/\text{m}^3$) for Scenario without Noise Barrier				
PATH_Grid	ASR ID	Annual NO2 Concentration at various height ($\mu\text{g}/\text{m}^3$)		
		1.5	4.5	7.5
3046	A1	17.6	16.5	15.1
3046	A2	20	17.7	15.6
3046	A3	19.2	17	15.2
3147	A4	21.6	15.9	13.8
3147	A5	27.3	17.6	14.4
3147	A6	13.8	13.3	12.5
3147	A7	26.8	16.4	13.6
3246	A8	17.8	15.1	13.1
3246	A9	16.4	14.5	12.8
3246	A10	16.2	14	12.6
3246	A11	15.7	13.7	12.5
3246	A12	14.8	13.4	12.4
3246	A13	14.4	13.7	12.7
3246	A14	14.1	13.2	12.5
3246	A15	13.6	12.9	12.1
3346	A16	12.1	11.9	11.6
3346	A17	15.4	12.3	11.5
3346	A18	18.6	12.2	11.5
3346	A19	14.1	12.4	11.6
3346	A20	13.9	12.5	11.6
3345	A21	22.4	14.2	12.2
3345	A22	13.2	12.5	11.8
3345	A23	14	13.1	12.2
3345	A24	12.5	12.1	11.7
3345	A25	11.7	11.5	11.3
3345	A26	14.9	12.3	11.6
3345	A27	11.3	11.3	11.2
3345	A28	11	11	11
3345	A29	14.8	12.8	11.8
3446	A30	10.8	10.7	10.7
3446	A31	10.7	10.7	10.6
3446	A32	13.1	12	11.2
3446	A33	10.5	10.5	10.5
3446	A34	12.6	11.3	10.9
3046	P1	23.5	18.5	15.6
3046	P2	17.6	16.4	15.3
3046	P3	23.3	18.7	16
3046	P4	29.8	18.9	16
3046	P5	29.5	18.6	16
3046	P6	17.4	16.3	14.9
3246	P7	20	13.8	12.7
3246	P8	16.6	13.8	12.6
3246	P9	19	13.5	12.5
3346	P10	13.9	12.5	11.6
3346	P11	18.6	12.2	11.6
3345	P12	21.3	14.1	12.4

Cumulative 10th Highest 24-hr RSP Concentration ($\mu\text{g}/\text{m}^3$) for Scenario with Noise Barrier				
PATH_Grid	ASR ID	10th Highest 24-hr RSP Concentration at various height ($\mu\text{g}/\text{m}^3$)		
		1.5	4.5	7.5
3046	A1	79.5	79.5	79.5
3046	A2	80	79.9	79.7
3046	A3	79.5	79.5	79.5
3147	A4	81	80.9	80.8
3147	A5	81.6	81	80.8
3147	A6	80.6	80.6	80.6
3147	A7	81.7	81	80.8
3246	A8	77.3	77.1	77.1
3246	A9	77.2	77.1	77.1
3246	A10	77.2	77.1	77
3246	A11	77	77	77
3246	A12	77	77	77
3246	A13	77.1	77.1	77.1
3246	A14	77	77	77
3246	A15	77.1	77.1	77.1
3346	A16	80	80	80
3346	A17	80.4	80.2	80.1
3346	A18	80.6	80.1	80
3346	A19	80.3	80.2	80.1
3346	A20	80	80	80
3345	A21	77.5	77.2	77
3345	A22	77.1	77	77
3345	A23	77.1	77	77
3345	A24	77	77	76.9
3345	A25	76.9	76.9	76.9
3345	A26	77.1	76.9	76.9
3345	A27	76.9	76.9	76.9
3345	A28	76.9	76.9	76.9
3345	A29	77.1	77	76.9
3446	A30	82.4	82.4	82.4
3446	A31	82.4	82.4	82.4
3446	A32	82.6	82.5	82.4
3446	A33	82.4	82.4	82.3
3446	A34	82.5	82.4	82.4
3046	P1	80	79.8	79.7
3046	P2	79.9	79.8	79.7
3046	P3	79.7	79.6	79.5
3046	P4	79.8	79.6	79.5
3046	P5	79.7	79.5	79.5
3046	P6	79.5	79.5	79.5
3246	P7	77	77	77
3246	P8	77	77	77
3246	P9	77	77	77
3346	P10	80	80	80
3346	P11	80.6	80.1	80
3345	P12	77.5	77.7	77.3

Cumulative 10th Highest 24-hr RSP Concentration ($\mu\text{g}/\text{m}^3$) for Scenario without Noise Barrier				
PATH_Grid	ASR ID	10th Highest 24-hr RSP Concentration at various height ($\mu\text{g}/\text{m}^3$)		
		1.5	4.5	7.5
3046	A1	79.5	79.5	79.5
3046	A2	80	79.9	79.7
3046	A3	79.5	79.5	79.5
3147	A4	81	80.9	80.8
3147	A5	81.6	81	80.8
3147	A6	80.6	80.6	80.6
3147	A7	81.7	81	80.8
3246	A8	77.3	77.1	77.1
3246	A9	77.2	77.1	77.1
3246	A10	77.2	77.1	77
3246	A11	77	77	77
3246	A12	77	77	77
3246	A13	77.1	77.1	77.1
3246	A14	77	77	77
3246	A15	77.1	77.1	77.1
3346	A16	80	80	80
3346	A17	80.4	80.2	80.1
3346	A18	80.6	80.1	80
3346	A19	80.3	80.2	80.1
3346	A20	80	80	80
3345	A21	77.6	77.2	77
3345	A22	77.1	77	77
3345	A23	77.1	77	77
3345	A24	77	77	76.9
3345	A25	76.9	76.9	76.9
3345	A26	77.1	76.9	76.9
3345	A27	76.9	76.9	76.9
3345	A28	76.9	76.9	76.9
3345	A29	77.1	77	76.9
3446	A30	82.4	82.4	82.4
3446	A31	82.4	82.4	82.4
3446	A32	82.6	82.5	82.4
3446	A33	82.4	82.4	82.3
3446	A34	82.5	82.4	82.4
3046	P1	80	79.8	79.7
3046	P2	79.9	79.8	79.7
3046	P3	79.7	79.6	79.5
3046	P4	79.8	79.6	79.5
3046	P5	79.7	79.5	79.5
3046	P6	79.5	79.5	79.5
3246	P7	77	77	77
3246	P8	77	77	77
3246	P9	77	77	77
3346	P10	80	80	80
3346	P11	80.6	80.1	80
3345	P12	77.7	77.2	77

Cumulative Annual RSP Concentration ($\mu\text{g}/\text{m}^3$) for Scenario with Noise Barrier				
PATH_Grid	ASR ID	Annual RSP Concentration at various height ($\mu\text{g}/\text{m}^3$)		
		1.5	4.5	7.5
3046	A1	33.7	33.6	33.6
3046	A2	33.8	33.7	33.6
3046	A3	33.7	33.7	33.6
3147	A4	34.4	34.2	34.1
3147	A5	34.6	34.2	34.1
3147	A6	34.1	34.1	34.1
3147	A7	34.6	34.2	34.1
3246	A8	32.7	32.7	32.6
3246	A9	32.7	32.6	32.6
3246	A10	32.7	32.6	32.6
3246	A11	32.6	32.6	32.5
3246	A12	32.6	32.6	32.6
3246	A13	32.6	32.6	32.6
3246	A14	32.6	32.6	32.5
3246	A15	32.6	32.6	32.6
3346	A16	33.4	33.4	33.4
3346	A17	33.6	33.5	33.4
3346	A18	33.7	33.5	33.4
3346	A19	33.6	33.5	33.4
3346	A20	33.5	33.5	33.4
3345	A21	32.9	32.6	32.5
3345	A22	32.5	32.5	32.5
3345	A23	32.6	32.6	32.5
3345	A24	32.5	32.5	32.5
3345	A25	32.5	32.5	32.5
3345	A26	32.6	32.5	32.5
3345	A27	32.5	32.5	32.5
3345	A28	32.5	32.5	32.5
3345	A29	32.6	32.5	32.5
3446	A30	34.4	34.4	34.4
3446	A31	34.4	34.4	34.4
3446	A32	34.4	34.4	34.4
3446	A33	34.3	34.3	34.3
3446	A34	34.5	34.4	34.4
3046	P1	33.9	33.7	33.6
3046	P2	33.7	33.7	33.6
3046	P3	33.9	33.8	33.6
3046	P4	34.1	33.7	33.6
3046	P5	34.1	33.7	33.6
3046	P6	33.7	33.6	33.6
3246	P7	32.8	32.6	32.5
3246	P8	32.7	32.6	32.5
3246	P9	32.8	32.6	32.5
3346	P10	33.5	33.5	33.4
3346	P11	33.7	33.5	33.4
3345	P12	32.7	32.9	32.7

Cumulative Annual RSP Concentration ($\mu\text{g}/\text{m}^3$) for Scenario without Noise Barrier				
PATH_Grid	ASR ID	Annual RSP Concentration at various height ($\mu\text{g}/\text{m}^3$)		
		1.5	4.5	7.5
3046	A1	33.7	33.6	33.6
3046	A2	33.8	33.7	33.6
3046	A3	33.7	33.7	33.6
3147	A4	34.4	34.2	34.1
3147	A5	34.6	34.2	34.1
3147	A6	34.1	34.1	34.1
3147	A7	34.6	34.2	34.1
3246	A8	32.7	32.7	32.6
3246	A9	32.7	32.6	32.6
3246	A10	32.7	32.6	32.6
3246	A11	32.6	32.6	32.5
3246	A12	32.6	32.6	32.5
3246	A13	32.6	32.6	32.6
3246	A14	32.6	32.6	32.5
3246	A15	32.6	32.6	32.6
3346	A16	33.4	33.4	33.4
3346	A17	33.6	33.5	33.4
3346	A18	33.7	33.5	33.4
3346	A19	33.6	33.5	33.4
3346	A20	33.5	33.5	33.4
3345	A21	32.9	32.6	32.5
3345	A22	32.6	32.5	32.5
3345	A23	32.6	32.6	32.5
3345	A24	32.5	32.5	32.5
3345	A25	32.5	32.5	32.5
3345	A26	32.6	32.5	32.5
3345	A27	32.5	32.5	32.5
3345	A28	32.5	32.5	32.5
3345	A29	32.6	32.5	32.5
3446	A30	34.4	34.4	34.4
3446	A31	34.4	34.4	34.4
3446	A32	34.4	34.4	34.4
3446	A33	34.3	34.3	34.3
3446	A34	34.5	34.4	34.4
3046	P1	33.9	33.7	33.6
3046	P2	33.7	33.7	33.6
3046	P3	33.9	33.8	33.6
3046	P4	34.2	33.7	33.6
3046	P5	34.1	33.7	33.6
3046	P6	33.7	33.6	33.6
3246	P7	32.8	32.6	32.5
3246	P8	32.7	32.6	32.5
3246	P9	32.8	32.6	32.5
3346	P10	33.5	33.5	33.4
3346	P11	33.7	33.5	33.4
3345	P12	32.9	32.6	32.5

Cumulative 10th Highest FSP Concentration (µg/m3) for Scenario with Noise Barrier				
PATH_Grid	ASR ID	10th Highest 24-hr FSP Concentration at various height (µg/m3)		
		1.5	4.5	7.5
3046	A1	59.6	59.6	59.6
3046	A2	60.1	60	59.8
3046	A3	59.6	59.6	59.6
3147	A4	60.9	60.7	60.6
3147	A5	61.4	60.8	60.6
3147	A6	60.4	60.4	60.4
3147	A7	61.5	60.9	60.7
3246	A8	58	57.9	57.8
3246	A9	58	57.9	57.8
3246	A10	57.9	57.9	57.8
3246	A11	57.7	57.7	57.7
3246	A12	57.7	57.7	57.7
3246	A13	57.9	57.8	57.8
3246	A14	57.7	57.7	57.7
3246	A15	57.9	57.8	57.8
3346	A16	60	60	60
3346	A17	60.4	60.2	60.1
3346	A18	60.6	60.1	60
3346	A19	60.3	60.2	60.1
3346	A20	60	60	60
3345	A21	58.3	57.9	57.8
3345	A22	57.9	57.8	57.8
3345	A23	57.8	57.8	57.8
3345	A24	57.8	57.8	57.7
3345	A25	57.7	57.7	57.7
3345	A26	57.9	57.7	57.7
3345	A27	57.7	57.7	57.7
3345	A28	57.7	57.7	57.7
3345	A29	57.9	57.8	57.7
3446	A30	61.8	61.8	61.8
3446	A31	61.8	61.8	61.8
3446	A32	62	61.9	61.9
3446	A33	61.8	61.8	61.8
3446	A34	61.9	61.9	61.8
3046	P1	60.1	59.9	59.8
3046	P2	60	59.9	59.8
3046	P3	59.8	59.7	59.6
3046	P4	59.9	59.7	59.7
3046	P5	59.8	59.7	59.6
3046	P6	59.6	59.6	59.6
3246	P7	57.8	57.7	57.7
3246	P8	57.7	57.7	57.7
3246	P9	57.7	57.7	57.7
3346	P10	60	60	60
3346	P11	60.6	60.1	60
3345	P12	58.2	58.4	58.1

Cumulative 10th Highest FSP Concentration (µg/m3) for Scenario without Noise Barrier				
PATH_Grid	ASR ID	10th Highest 24-hr FSP Concentration at various height (µg/m3)		
		1.5	4.5	7.5
3046	A1	59.6	59.6	59.6
3046	A2	60.1	60	59.8
3046	A3	59.6	59.6	59.6
3147	A4	60.9	60.7	60.6
3147	A5	61.4	60.8	60.6
3147	A6	60.4	60.4	60.4
3147	A7	61.5	60.9	60.7
3246	A8	58	57.9	57.8
3246	A9	58	57.9	57.8
3246	A10	57.9	57.9	57.8
3246	A11	57.7	57.7	57.7
3246	A12	57.7	57.7	57.7
3246	A13	57.9	57.9	57.8
3246	A14	57.7	57.7	57.7
3246	A15	57.9	57.8	57.8
3346	A16	60	60	60
3346	A17	60.4	60.2	60.1
3346	A18	60.6	60.1	60
3346	A19	60.3	60.2	60.1
3346	A20	60	60	60
3345	A21	58.3	57.9	57.7
3345	A22	57.9	57.8	57.8
3345	A23	57.9	57.8	57.8
3345	A24	57.8	57.8	57.7
3345	A25	57.7	57.7	57.7
3345	A26	57.9	57.7	57.7
3345	A27	57.7	57.7	57.7
3345	A28	57.7	57.7	57.7
3345	A29	57.9	57.8	57.7
3446	A30	61.8	61.8	61.8
3446	A31	61.8	61.8	61.8
3446	A32	62	61.9	61.8
3446	A33	61.8	61.8	61.8
3446	A34	61.9	61.9	61.8
3046	P1	60.1	59.9	59.8
3046	P2	60	59.9	59.8
3046	P3	59.8	59.7	59.6
3046	P4	59.9	59.7	59.7
3046	P5	59.8	59.7	59.6
3046	P6	59.6	59.6	59.6
3246	P7	57.8	57.7	57.7
3246	P8	57.7	57.7	57.7
3246	P9	57.7	57.7	57.7
3346	P10	60	60	60
3346	P11	60.6	60.1	60
3345	P12	58.4	57.9	57.8

Cumulative Annual FSP Concentration ($\mu\text{g}/\text{m}^3$) for Scenario with Noise Barrier				
PATH_Grid	ASR ID	Annual FSP Concentration at various height ($\mu\text{g}/\text{m}^3$)		
		1.5	4.5	7.5
3046	A1	24.0	23.9	23.9
3046	A2	24.0	24.0	23.9
3046	A3	24.0	23.9	23.9
3147	A4	24.5	24.3	24.2
3147	A5	24.7	24.4	24.3
3147	A6	24.2	24.2	24.2
3147	A7	24.7	24.3	24.2
3246	A8	23.3	23.2	23.2
3246	A9	23.3	23.2	23.2
3246	A10	23.3	23.2	23.1
3246	A11	23.2	23.2	23.1
3246	A12	23.2	23.2	23.1
3246	A13	23.2	23.2	23.2
3246	A14	23.2	23.2	23.1
3246	A15	23.2	23.2	23.1
3346	A16	23.8	23.8	23.7
3346	A17	23.9	23.8	23.7
3346	A18	24.0	23.8	23.7
3346	A19	23.9	23.8	23.8
3346	A20	23.8	23.8	23.8
3345	A21	23.4	23.2	23.1
3345	A22	23.1	23.1	23.1
3345	A23	23.2	23.1	23.1
3345	A24	23.1	23.1	23.1
3345	A25	23.1	23.1	23.1
3345	A26	23.2	23.1	23.1
3345	A27	23.1	23.1	23.1
3345	A28	23.1	23.1	23.1
3345	A29	23.2	23.1	23.1
3446	A30	24.4	24.4	24.4
3446	A31	24.4	24.4	24.4
3446	A32	24.5	24.5	24.4
3446	A33	24.4	24.4	24.4
3446	A34	24.5	24.5	24.4
3046	P1	24.2	24.0	23.9
3046	P2	24.0	23.9	23.9
3046	P3	24.2	24.0	23.9
3046	P4	24.4	24.0	23.9
3046	P5	24.4	24.0	23.9
3046	P6	24.0	23.9	23.9
3246	P7	23.4	23.2	23.1
3246	P8	23.3	23.2	23.1
3246	P9	23.3	23.2	23.1
3346	P10	23.8	23.8	23.7
3346	P11	24.0	23.8	23.7
3345	P12	23.3	23.4	23.2

Cumulative Annual FSP Concentration ($\mu\text{g}/\text{m}^3$) for Scenario without Noise Barrier				
PATH_Grid	ASR ID	Annual FSP Concentration at various height ($\mu\text{g}/\text{m}^3$)		
		1.5	4.5	7.5
3046	A1	24.0	23.9	23.9
3046	A2	24.0	24.0	23.9
3046	A3	24.0	23.9	23.9
3147	A4	24.5	24.3	24.2
3147	A5	24.7	24.4	24.3
3147	A6	24.2	24.2	24.2
3147	A7	24.7	24.3	24.2
3246	A8	23.3	23.2	23.2
3246	A9	23.3	23.2	23.2
3246	A10	23.3	23.2	23.1
3246	A11	23.2	23.2	23.1
3246	A12	23.2	23.2	23.1
3246	A13	23.2	23.2	23.2
3246	A14	23.2	23.2	23.1
3246	A15	23.2	23.2	23.1
3346	A16	23.8	23.8	23.7
3346	A17	23.9	23.8	23.7
3346	A18	24.0	23.8	23.7
3346	A19	23.9	23.8	23.8
3346	A20	23.8	23.8	23.8
3345	A21	23.5	23.2	23.1
3345	A22	23.1	23.1	23.1
3345	A23	23.2	23.1	23.1
3345	A24	23.1	23.1	23.1
3345	A25	23.1	23.1	23.1
3345	A26	23.2	23.1	23.1
3345	A27	23.1	23.1	23.1
3345	A28	23.1	23.1	23.1
3345	A29	23.2	23.1	23.1
3446	A30	24.4	24.4	24.4
3446	A31	24.4	24.4	24.4
3446	A32	24.5	24.5	24.4
3446	A33	24.4	24.4	24.4
3446	A34	24.5	24.5	24.4
3046	P1	24.2	24.0	23.9
3046	P2	24.0	23.9	23.9
3046	P3	24.2	24.0	23.9
3046	P4	24.4	24.0	23.9
3046	P5	24.4	24.0	23.9
3046	P6	24.0	23.9	23.9
3246	P7	23.4	23.2	23.1
3246	P8	23.3	23.2	23.1
3246	P9	23.3	23.2	23.1
3346	P10	23.8	23.8	23.7
3346	P11	24.0	23.8	23.7
3345	P12	23.4	23.2	23.1

Difference in 19th Highest NO2 Concentration ($\mu\text{g}/\text{m}^3$) between Scenarios with and without Noise Barrier				
PATH_Grid	ASR ID	Difference (With Noise Barrier- Without Noise Barrier) at various height ($\mu\text{g}/\text{m}^3$)		
		1.5	4.5	7.5
3046	A1	0.0	0.0	0.0
3046	A2	-1.0	0.0	0.0
3046	A3	0.0	0.0	1.7
3147	A4	-0.6	0.0	0.0
3147	A5	0.0	0.0	0.0
3147	A6	0.0	-0.1	0.0
3147	A7	0.0	0.0	0.0
3246	A8	0.0	0.0	0.0
3246	A9	0.0	0.0	0.0
3246	A10	0.0	0.0	0.0
3246	A11	0.0	0.0	-1.0
3246	A12	-0.3	-2.9	1.2
3246	A13	0.0	-3.2	-0.4
3246	A14	0.0	0.0	0.0
3246	A15	0.0	0.0	0.0
3346	A16	0.0	0.0	0.0
3346	A17	0.0	0.0	0.0
3346	A18	0.0	0.0	0.0
3346	A19	0.0	0.0	0.0
3346	A20	0.0	0.0	-0.9
3345	A21	-0.8	0.0	0.0
3345	A22	0.0	0.0	0.0
3345	A23	-0.3	0.0	0.0
3345	A24	0.0	0.0	0.0
3345	A25	0.0	0.0	0.0
3345	A26	0.0	-0.5	-0.9
3345	A27	0.0	0.0	0.0
3345	A28	0.0	0.0	0.0
3345	A29	0.0	0.0	0.0
3446	A30	0.0	0.0	0.0
3446	A31	0.0	0.0	0.0
3446	A32	0.0	-0.7	0.0
3446	A33	0.0	0.0	0.0
3446	A34	0.0	0.0	0.0
3046	P1	0.0	0.0	0.0
3046	P2	0.0	0.0	0.0
3046	P3	0.0	0.0	0.0
3046	P4	-0.1	1.5	0.8
3046	P5	0.0	-0.1	0.0
3046	P6	0.0	0.0	0.0
3246	P7	0.0	0.0	0.0
3246	P8	-0.4	0.0	0.0
3246	P9	0.0	0.0	0.0
3346	P10	0.0	0.0	0.0
3346	P11	-0.9	0.0	0.0
3345	P12	-14.0	15.6	19.7

Difference in Annual NO2 Concentration ($\mu\text{g}/\text{m}^3$) between Scenarios with and without Noise Barrier				
PATH_Grid	ASR ID	Difference (With Noise Barrier- Without Noise Barrier) at various height ($\mu\text{g}/\text{m}^3$)		
		1.5	4.5	7.5
3046	A1	0.0	0.0	0.0
3046	A2	0.0	0.0	0.0
3046	A3	-0.1	0.0	0.0
3147	A4	-0.1	0.0	0.1
3147	A5	0.0	0.0	0.0
3147	A6	0.0	0.0	0.0
3147	A7	0.0	0.0	0.0
3246	A8	-0.5	-0.1	0.0
3246	A9	0.0	0.0	0.0
3246	A10	0.0	0.0	0.0
3246	A11	0.0	0.0	-0.1
3246	A12	-1.0	-0.2	0.1
3246	A13	-0.4	-0.3	0.0
3246	A14	-0.1	0.0	0.0
3246	A15	0.0	0.0	0.0
3346	A16	0.0	0.0	0.0
3346	A17	0.1	0.0	0.0
3346	A18	0.0	0.0	0.0
3346	A19	0.0	0.0	0.0
3346	A20	0.0	0.0	0.0
3345	A21	-0.4	0.1	0.3
3345	A22	-0.1	-0.1	0.0
3345	A23	-0.6	-0.2	0.0
3345	A24	-0.2	-0.1	-0.1
3345	A25	0.0	-0.1	0.0
3345	A26	-0.1	0.0	0.0
3345	A27	0.0	-0.1	0.0
3345	A28	0.0	0.0	0.0
3345	A29	0.0	0.0	0.0
3446	A30	0.0	0.0	0.0
3446	A31	0.0	0.0	0.0
3446	A32	-0.3	0.0	0.0
3446	A33	0.0	0.0	0.0
3446	A34	0.0	0.0	0.0
3046	P1	0.0	-0.1	0.0
3046	P2	0.0	0.0	-0.1
3046	P3	0.0	0.0	-0.1
3046	P4	-0.2	0.1	0.6
3046	P5	0.0	0.0	0.0
3046	P6	-0.1	0.0	0.0
3246	P7	0.0	0.0	0.0
3246	P8	0.0	0.0	-0.1
3246	P9	0.0	0.0	0.0
3346	P10	0.0	0.0	0.0
3346	P11	0.0	0.0	-0.1
3345	P12	-2.5	7.0	3.4

Difference in 10th Highest RSP Concentration ($\mu\text{g}/\text{m}^3$) between Scenarios with and without Noise Barrier				
PATH_Grid	ASR ID	Difference (With Noise Barrier- Without Noise Barrier) at various height ($\mu\text{g}/\text{m}^3$)		
		1.5	4.5	7.5
3046	A1	0.0	0.0	0.0
3046	A2	0.0	0.0	0.0
3046	A3	0.0	0.0	0.0
3147	A4	0.0	0.0	0.0
3147	A5	0.0	0.0	0.0
3147	A6	0.0	0.0	0.0
3147	A7	0.0	0.0	0.0
3246	A8	0.0	0.0	0.0
3246	A9	0.0	0.0	0.0
3246	A10	0.0	0.0	0.0
3246	A11	0.0	0.0	0.0
3246	A12	0.0	0.0	0.0
3246	A13	0.0	0.0	0.0
3246	A14	0.0	0.0	0.0
3246	A15	0.0	0.0	0.0
3346	A16	0.0	0.0	0.0
3346	A17	0.0	0.0	0.0
3346	A18	0.0	0.0	0.0
3346	A19	0.0	0.0	0.0
3346	A20	0.0	0.0	0.0
3345	A21	-0.1	0.0	0.0
3345	A22	0.0	0.0	0.0
3345	A23	0.0	0.0	0.0
3345	A24	0.0	0.0	0.0
3345	A25	0.0	0.0	0.0
3345	A26	0.0	0.0	0.0
3345	A27	0.0	0.0	0.0
3345	A28	0.0	0.0	0.0
3345	A29	0.0	0.0	0.0
3446	A30	0.0	0.0	0.0
3446	A31	0.0	0.0	0.0
3446	A32	0.0	0.0	0.0
3446	A33	0.0	0.0	0.0
3446	A34	0.0	0.0	0.0
3046	P1	0.0	0.0	0.0
3046	P2	0.0	0.0	0.0
3046	P3	0.0	0.0	0.0
3046	P4	0.0	0.0	0.0
3046	P5	0.0	0.0	0.0
3046	P6	0.0	0.0	0.0
3246	P7	0.0	0.0	0.0
3246	P8	0.0	0.0	0.0
3246	P9	0.0	0.0	0.0
3346	P10	0.0	0.0	0.0
3346	P11	0.0	0.0	0.0
3345	P12	-0.2	0.5	0.3

Difference in Annual RSP Concentration ($\mu\text{g}/\text{m}^3$) between Scenarios with and without Noise Barrier				
PATH_Grid	ASR ID	Difference (With Noise Barrier- Without Noise Barrier) at various height ($\mu\text{g}/\text{m}^3$)		
		1.5	4.5	7.5
3046	A1	0.0	0.0	0.0
3046	A2	0.0	0.0	0.0
3046	A3	0.0	0.0	0.0
3147	A4	0.0	0.0	0.0
3147	A5	0.0	0.0	0.0
3147	A6	0.0	0.0	0.0
3147	A7	0.0	0.0	0.0
3246	A8	0.0	0.0	0.0
3246	A9	0.0	0.0	0.0
3246	A10	0.0	0.0	0.0
3246	A11	0.0	0.0	0.0
3246	A12	0.0	0.0	0.1
3246	A13	0.0	0.0	0.0
3246	A14	0.0	0.0	0.0
3246	A15	0.0	0.0	0.0
3346	A16	0.0	0.0	0.0
3346	A17	0.0	0.0	0.0
3346	A18	0.0	0.0	0.0
3346	A19	0.0	0.0	0.0
3346	A20	0.0	0.0	0.0
3345	A21	0.0	0.0	0.0
3345	A22	-0.1	0.0	0.0
3345	A23	0.0	0.0	0.0
3345	A24	0.0	0.0	0.0
3345	A25	0.0	0.0	0.0
3345	A26	0.0	0.0	0.0
3345	A27	0.0	0.0	0.0
3345	A28	0.0	0.0	0.0
3345	A29	0.0	0.0	0.0
3446	A30	0.0	0.0	0.0
3446	A31	0.0	0.0	0.0
3446	A32	0.0	0.0	0.0
3446	A33	0.0	0.0	0.0
3446	A34	0.0	0.0	0.0
3046	P1	0.0	0.0	0.0
3046	P2	0.0	0.0	0.0
3046	P3	0.0	0.0	0.0
3046	P4	-0.1	0.0	0.0
3046	P5	0.0	0.0	0.0
3046	P6	0.0	0.0	0.0
3246	P7	0.0	0.0	0.0
3246	P8	0.0	0.0	0.0
3246	P9	0.0	0.0	0.0
3346	P10	0.0	0.0	0.0
3346	P11	0.0	0.0	0.0
3345	P12	-0.2	0.3	0.2

Difference in 10th Highest FSP Concentration ($\mu\text{g}/\text{m}^3$) between Scenarios with and without Noise Barrier				
PATH_Grid	ASR ID	Difference (With Noise Barrier- Without Noise Barrier) at various height ($\mu\text{g}/\text{m}^3$)		
		1.5	4.5	7.5
3046	A1	0.0	0.0	0.0
3046	A2	0.0	0.0	0.0
3046	A3	0.0	0.0	0.0
3147	A4	0.0	0.0	0.0
3147	A5	0.0	0.0	0.0
3147	A6	0.0	0.0	0.0
3147	A7	0.0	0.0	0.0
3246	A8	0.0	0.0	0.0
3246	A9	0.0	0.0	0.0
3246	A10	0.0	0.0	0.0
3246	A11	0.0	0.0	0.0
3246	A12	0.0	0.0	0.0
3246	A13	0.0	-0.1	0.0
3246	A14	0.0	0.0	0.0
3246	A15	0.0	0.0	0.0
3346	A16	0.0	0.0	0.0
3346	A17	0.0	0.0	0.0
3346	A18	0.0	0.0	0.0
3346	A19	0.0	0.0	0.0
3346	A20	0.0	0.0	0.0
3345	A21	0.0	0.0	0.1
3345	A22	0.0	0.0	0.0
3345	A23	-0.1	0.0	0.0
3345	A24	0.0	0.0	0.0
3345	A25	0.0	0.0	0.0
3345	A26	0.0	0.0	0.0
3345	A27	0.0	0.0	0.0
3345	A28	0.0	0.0	0.0
3345	A29	0.0	0.0	0.0
3446	A30	0.0	0.0	0.0
3446	A31	0.0	0.0	0.0
3446	A32	0.0	0.0	0.1
3446	A33	0.0	0.0	0.0
3446	A34	0.0	0.0	0.0
3046	P1	0.0	0.0	0.0
3046	P2	0.0	0.0	0.0
3046	P3	0.0	0.0	0.0
3046	P4	0.0	0.0	0.0
3046	P5	0.0	0.0	0.0
3046	P6	0.0	0.0	0.0
3246	P7	0.0	0.0	0.0
3246	P8	0.0	0.0	0.0
3246	P9	0.0	0.0	0.0
3346	P10	0.0	0.0	0.0
3346	P11	0.0	0.0	0.0
3345	P12	-0.2	0.5	0.3

Difference in Annual FSP Concentration ($\mu\text{g}/\text{m}^3$) between Scenarios with and without Noise Barrier				
PATH_Grid	ASR ID	Difference (With Noise Barrier- Without Noise Barrier) at various height ($\mu\text{g}/\text{m}^3$)		
		1.5	4.5	7.5
3046	A1	0.0	0.0	0.0
3046	A2	0.0	0.0	0.0
3046	A3	0.0	0.0	0.0
3147	A4	0.0	0.0	0.0
3147	A5	0.0	0.0	0.0
3147	A6	0.0	0.0	0.0
3147	A7	0.0	0.0	0.0
3246	A8	0.0	0.0	0.0
3246	A9	0.0	0.0	0.0
3246	A10	0.0	0.0	0.0
3246	A11	0.0	0.0	0.0
3246	A12	0.0	0.0	0.0
3246	A13	0.0	0.0	0.0
3246	A14	0.0	0.0	0.0
3246	A15	0.0	0.0	0.0
3346	A16	0.0	0.0	0.0
3346	A17	0.0	0.0	0.0
3346	A18	0.0	0.0	0.0
3346	A19	0.0	0.0	0.0
3346	A20	0.0	0.0	0.0
3345	A21	0.0	0.0	0.0
3345	A22	0.0	0.0	0.0
3345	A23	0.0	0.0	0.0
3345	A24	0.0	0.0	0.0
3345	A25	0.0	0.0	0.0
3345	A26	0.0	0.0	0.0
3345	A27	0.0	0.0	0.0
3345	A28	0.0	0.0	0.0
3345	A29	0.0	0.0	0.0
3446	A30	0.0	0.0	0.0
3446	A31	0.0	0.0	0.0
3446	A32	0.0	0.0	0.0
3446	A33	0.0	0.0	0.0
3446	A34	0.0	0.0	0.0
3046	P1	0.0	0.0	0.0
3046	P2	0.0	0.0	0.0
3046	P3	0.0	0.0	0.0
3046	P4	0.0	0.0	0.0
3046	P5	0.0	0.0	0.0
3046	P6	0.0	0.0	0.0
3246	P7	0.0	0.0	0.0
3246	P8	0.0	0.0	0.0
3246	P9	0.0	0.0	0.0
3346	P10	0.0	0.0	0.0
3346	P11	0.0	0.0	0.0
3345	P12	-0.1	0.2	0.1