

Table A1 – NO₂ Annual Mean – ‘Most Likely’ Scenario – Standalone (Units: µg/m³ unless stated)

Receptor Type	Report Ref	Details	Model Ref	5-Year Max	Total NO _x -Model BG*	Adjusted Annual NO _x (15 hrs)	Adjusted NO ₂ (70% NO _x as NO ₂)	PC	PC as % of Objective	Baseline	Project PEC	PEC as % of Objective
Human	R1	Princes Street	D1	58.9	50.1	0.09	0.06	0.06	0.15	35.66	35.72	89.3
Human	R2	Hazelmere Road	D2	243.9	235.0	0.40	0.28	0.28	0.70	25.83	26.11	65.3
Human	R3	Yew Tree Road	D3	50.8	41.9	0.07	0.05	0.05	0.13	34.09	34.14	85.4
Human	R4	Wexham Road	D4	68.6	59.7	0.10	0.07	0.07	0.18	33.40	33.47	83.7
Human	R5	Apsley House	D5	44.6	35.8	0.06	0.04	0.04	0.11	30.98	31.02	77.6
Human	R6	Cornwall House	D6	19.4	10.6	0.02	0.01	0.01	0.03	32.82	32.83	82.1
Human	R7	Claycoats School	D7	16.1	7.2	0.01	0.01	0.01	0.02	29.62	29.63	74.1
Human	R8	Windmill Care Centre	D8	14.4	5.6	0.01	0.01	0.01	0.02	32.46	32.47	81.2
Human	R9	Tuns Lane	D9	13.7	4.9	0.01	0.01	0.01	0.01	32.04	32.05	80.1
Human	R10	Paxton Avenue	D10	12.8	3.9	0.01	0.00	0.00	0.01	39.24	39.24	98.1
Human	R11	Spackmans Way	D11	13.0	4.1	0.01	0.00	0.00	0.01	38.47	38.47	96.2
Human	R12	Slough and Eton CoE Business and Enterprise College	D12	15.7	6.8	0.01	0.01	0.01	0.02	31.26	31.27	78.2
Human	R13	Windsor Road	D13	19.6	10.7	0.02	0.01	0.01	0.03	32.98	32.99	82.5
Human	R14	Saint Mary's Church of England Primary School	D14	32.8	23.9	0.04	0.03	0.03	0.07	26.69	26.72	66.8
Human	R15	16 John Taylor Court	D15	14.2	5.3	0.01	0.01	0.01	0.02	34.71	34.72	86.8
Human	R16	19 Farnham Road	D16	14.0	5.2	0.01	0.01	0.01	0.02	28.92	28.93	72.3
Human	R17	49 Stoke Road	D17	22.7	13.9	0.02	0.02	0.02	0.04	30.02	30.04	75.1
Human	R18	50 Stoke Road	D18	23.1	14.2	0.02	0.02	0.02	0.04	28.96	28.98	72.4
Human	R19	100 Wexham Road	D19	81.8	73.0	0.12	0.09	0.09	0.22	33.65	33.74	84.3
Human	R20	98 Broadmark Road	D20	180.5	171.6	0.29	0.21	0.21	0.51	27.99	28.20	70.5
Human	R21	25 Cannon Gate	D21	52.2	43.3	0.07	0.05	0.05	0.13	25.18	25.23	63.1
Human	R22	27 Clifton Road	D22	38.0	29.1	0.05	0.03	0.03	0.09	30.45	30.48	76.2
AQMA	R23	Slough AQMA	D23	56.9	48.0	0.08	0.06	0.06	0.14	35.66	35.72	89.3
AQMA	R24	South Bucks AQMA	D24	18.9	10.1	0.02	0.01	0.01	0.03	32.84	32.85	82.1
Human	PR1	New Resi Development to South	D25	127.4	118.5	0.20	0.14	0.14	0.36	32.83	32.97	82.4
Human	PR2	New Resi Development to South	D26	146.9	138.1	0.24	0.17	0.17	0.41	32.83	33.00	82.5
Human	PR3	New Resi Development to South	D27	152.3	143.5	0.25	0.17	0.17	0.43	32.83	33.00	82.5
Human	PR4	New Resi Development to South	D28	167.8	159.0	0.27	0.19	0.19	0.48	32.83	33.02	82.6
Human	PR5	New Resi Development to South	D29	158.5	149.7	0.26	0.18	0.18	0.45	32.83	33.01	82.5
Human	PR6	New Resi Development to South	D30	115.6	106.8	0.18	0.13	0.13	0.32	32.83	32.96	82.4
Human	PR7	New Resi Development to South	D31	96.3	87.5	0.15	0.10	0.10	0.26	32.83	32.93	82.3
Human	PR8	New Resi Development to South	D32	83.4	74.5	0.13	0.09	0.09	0.22	32.83	32.92	82.3
Human	PR9	New Resi Development to South	D33	156.9	148.0	0.25	0.18	0.18	0.44	32.83	33.01	82.5
Human	PR10	New Resi Development to South	D34	121.7	112.8	0.19	0.14	0.14	0.34	32.83	32.97	82.4

* Annual mean NO_x background concentration (8.85 µg/m³) in ADMS model input removed to enable PC to be calculated.

Table A2 – NO₂ Annual Mean – ‘Most Likely’ Scenario – In-Combination (Units: µg/m³ unless stated)

Receptor Type	Report Ref	Details	Model Ref	5-Year Max	Total NO _x -Model BG*	Adjusted Annual NO _x (15 hrs)	Adjusted NO ₂ (70% NO _x as NO ₂)	PC	PC as % of Objective	Baseline	Project PEC	PEC as % of Objective
Human	R1	Princes Street	D1	96.2	87.3	0.15	0.10	0.10	0.26	35.66	35.8	89.4
Human	R2	Hazelmere Road	D2	603.2	594.3	1.02	0.71	0.71	1.78	25.83	26.5	66.4
Human	R3	Yew Tree Road	D3	81.6	72.7	0.12	0.09	0.09	0.22	34.09	34.2	85.4
Human	R4	Wexham Road	D4	90.4	81.6	0.14	0.10	0.10	0.24	33.40	33.5	83.7
Human	R5	Apsley House	D5	58.3	49.4	0.08	0.06	0.06	0.15	30.98	31.0	77.6
Human	R6	Cornwall House	D6	27.0	18.2	0.03	0.02	0.02	0.05	32.82	32.8	82.1
Human	R7	Claycoats School	D7	21.3	12.4	0.02	0.01	0.01	0.04	29.62	29.6	74.1
Human	R8	Windmill Care Centre	D8	18.4	9.5	0.02	0.01	0.01	0.03	32.46	32.5	81.2
Human	R9	Tuns Lane	D9	17.3	8.5	0.01	0.01	0.01	0.03	32.04	32.1	80.1
Human	R10	Paxton Avenue	D10	15.7	6.9	0.01	0.01	0.01	0.02	39.24	39.2	98.1
Human	R11	Spackmans Way	D11	16.1	7.2	0.01	0.01	0.01	0.02	38.47	38.5	96.2
Human	R12	Slough and Eton CoE Business and Enterprise College	D12	20.3	11.4	0.02	0.01	0.01	0.03	31.26	31.3	78.2
Human	R13	Windsor Road	D13	25.9	17.1	0.03	0.02	0.02	0.05	32.98	33.0	82.5
Human	R14	Saint Mary's Church of England Primary School	D14	49.5	40.6	0.07	0.05	0.05	0.12	26.69	26.7	66.8
Human	R15	16 John Taylor Court	D15	17.9	9.1	0.02	0.01	0.01	0.03	34.71	34.7	86.8
Human	R16	19 Farnham Road	D16	17.3	8.5	0.01	0.01	0.01	0.03	28.92	28.9	72.3
Human	R17	49 Stoke Road	D17	32.6	23.7	0.04	0.03	0.03	0.07	30.02	30.0	75.1
Human	R18	50 Stoke Road	D18	33.3	24.5	0.04	0.03	0.03	0.07	28.96	29.0	72.5
Human	R19	100 Wexham Road	D19	162.4	153.6	0.26	0.18	0.18	0.46	33.65	33.8	84.6
Human	R20	98 Broadmark Road	D20	394.6	385.7	0.66	0.46	0.46	1.16	27.99	28.5	71.1
Human	R21	25 Cannon Gate	D21	93.7	84.9	0.15	0.10	0.10	0.25	25.18	25.3	63.2
Human	R22	27 Clifton Road	D22	66.5	57.6	0.10	0.07	0.07	0.17	30.45	30.5	76.3
AQMA	R23	Slough AQMA	D23	97.7	88.9	0.15	0.11	0.11	0.27	35.66	35.8	89.4
AQMA	R24	South Bucks AQMA	D24	27.4	18.5	0.03	0.02	0.02	0.06	32.84	32.9	82.2
Human	PR1	New Resi Development to South	D25	173.2	164.4	0.28	0.20	0.20	0.49	32.83	33.0	82.6
Human	PR2	New Resi Development to South	D26	204.5	195.6	0.34	0.23	0.23	0.59	32.83	33.1	82.7
Human	PR3	New Resi Development to South	D27	204.8	195.9	0.34	0.23	0.23	0.59	32.83	33.1	82.7
Human	PR4	New Resi Development to South	D28	245.7	236.9	0.41	0.28	0.28	0.71	32.83	33.1	82.8
Human	PR5	New Resi Development to South	D29	246.0	237.1	0.41	0.28	0.28	0.71	32.83	33.1	82.8
Human	PR6	New Resi Development to South	D30	221.6	212.8	0.36	0.26	0.26	0.64	32.83	33.1	82.7
Human	PR7	New Resi Development to South	D31	207.6	198.8	0.34	0.24	0.24	0.60	32.83	33.1	82.7
Human	PR8	New Resi Development to South	D32	169.3	160.4	0.27	0.19	0.19	0.48	32.83	33.0	82.6
Human	PR9	New Resi Development to South	D33	194.7	185.9	0.32	0.22	0.22	0.56	32.83	33.1	82.6
Human	PR10	New Resi Development to South	D34	196.3	187.4	0.32	0.22	0.22	0.56	32.83	33.1	82.6

* Annual mean NO_x background concentration (8.85 µg/m³) in ADMS model input removed to enable PC to be calculated.

Table A3 – NO₂ Annual Mean – ‘Worst-Case’ Emergency Scenario – Standalone (Units: µg/m³ unless stated)

Receptor Type	Report Ref	Details	Model Ref	5-Year Max	Total NO _x -Model BG*	Adjusted Annual NO _x (107 hrs)	Adjusted NO ₂ (70% NO _x as NO ₂)	PC	PC as % of Objective	Baseline	Project PEC	PEC as % of Objective
Human	R1	Princes Street	D1	58.9	50.1	0.61	0.43	0.43	1.07	35.66	36.1	90.2
Human	R2	Hazelmere Road	D2	243.9	235.0	2.87	2.01	2.01	5.02	25.83	27.8	69.6
Human	R3	Yew Tree Road	D3	50.8	41.9	0.51	0.36	0.36	0.90	34.09	34.4	86.1
Human	R4	Wexham Road	D4	68.6	59.7	0.73	0.51	0.51	1.28	33.40	33.9	84.8
Human	R5	Apsley House	D5	44.6	35.8	0.44	0.31	0.31	0.76	30.98	31.3	78.2
Human	R6	Cornwall House	D6	19.4	10.6	0.13	0.09	0.09	0.23	32.82	32.9	82.3
Human	R7	Claycoats School	D7	16.1	7.2	0.09	0.06	0.06	0.15	29.62	29.7	74.2
Human	R8	Windmill Care Centre	D8	14.4	5.6	0.07	0.05	0.05	0.12	32.46	32.5	81.3
Human	R9	Tuns Lane	D9	13.7	4.9	0.06	0.04	0.04	0.10	32.04	32.1	80.2
Human	R10	Paxton Avenue	D10	12.8	3.9	0.05	0.03	0.03	0.08	39.24	39.3	98.2
Human	R11	Spackmans Way	D11	13.0	4.1	0.05	0.04	0.04	0.09	38.47	38.5	96.3
Human	R12	Slough and Eton CoE Business and Enterprise College	D12	15.7	6.8	0.08	0.06	0.06	0.15	31.26	31.3	78.3
Human	R13	Windsor Road	D13	19.6	10.7	0.13	0.09	0.09	0.23	32.98	33.1	82.7
Human	R14	Saint Mary's Church of England Primary School	D14	32.8	23.9	0.29	0.20	0.20	0.51	26.69	26.9	67.2
Human	R15	16 John Taylor Court	D15	14.2	5.3	0.06	0.05	0.05	0.11	34.71	34.8	86.9
Human	R16	19 Farnham Road	D16	14.0	5.2	0.06	0.04	0.04	0.11	28.92	29.0	72.4
Human	R17	49 Stoke Road	D17	22.7	13.9	0.17	0.12	0.12	0.30	30.02	30.1	75.3
Human	R18	50 Stoke Road	D18	23.1	14.2	0.17	0.12	0.12	0.30	28.96	29.1	72.7
Human	R19	100 Wexham Road	D19	81.8	73.0	0.89	0.62	0.62	1.56	33.65	34.3	85.7
Human	R20	98 Broadmark Road	D20	180.5	171.6	2.10	1.47	1.47	3.67	27.99	29.5	73.6
Human	R21	25 Cannon Gate	D21	52.2	43.3	0.53	0.37	0.37	0.93	25.18	25.6	63.9
Human	R22	27 Clifton Road	D22	38.0	29.1	0.36	0.25	0.25	0.62	30.45	30.7	76.7
AQMA	R23	Slough AQMA	D23	56.9	48.0	0.59	0.41	0.41	1.03	35.66	36.1	90.2
AQMA	R24	South Bucks AQMA	D24	18.9	10.1	0.12	0.09	0.09	0.22	32.84	32.9	82.3
Human	PR1	New Resi Development to South	D25	127.4	118.5	1.45	1.01	1.01	2.53	32.83	33.8	84.6
Human	PR2	New Resi Development to South	D26	146.9	138.1	1.69	1.18	1.18	2.95	32.83	34.0	85.0
Human	PR3	New Resi Development to South	D27	152.3	143.5	1.75	1.23	1.23	3.07	32.83	34.1	85.1
Human	PR4	New Resi Development to South	D28	167.8	159.0	1.94	1.36	1.36	3.40	32.83	34.2	85.5
Human	PR5	New Resi Development to South	D29	158.5	149.7	1.83	1.28	1.28	3.20	32.83	34.1	85.3
Human	PR6	New Resi Development to South	D30	115.6	106.8	1.30	0.91	0.91	2.28	32.83	33.7	84.4
Human	PR7	New Resi Development to South	D31	96.3	87.5	1.07	0.75	0.75	1.87	32.83	33.6	83.9
Human	PR8	New Resi Development to South	D32	83.4	74.5	0.91	0.64	0.64	1.59	32.83	33.5	83.7
Human	PR9	New Resi Development to South	D33	156.9	148.0	1.81	1.27	1.27	3.16	32.83	34.1	85.2
Human	PR10	New Resi Development to South	D34	121.7	112.8	1.38	0.96	0.96	2.41	32.83	33.8	84.5

* Annual mean NO_x background concentration (8.85 µg/m³) in ADMS model input removed to enable PC to be calculated.

Table A4 – NO₂ Annual Mean – ‘Worst-Case’ Scenario – In-Combination (Units: µg/m³ unless stated)

Receptor Type	Report Ref	Details	Model Ref	5-Year Max	Total NO _x -Model BG*	Adjusted Annual NO _x (107 hrs)	Adjusted NO ₂ (70% NO _x as NO ₂)	PC	PC as % of Objective	Baseline	Project PEC	PEC as % of Objective
Human	R1	Princes Street	D1	96.2	87.3	1.07	0.75	0.75	1.87	35.66	36.4	91.0
Human	R2	Hazelmere Road	D2	603.2	594.3	7.26	5.08	5.08	12.70	25.83	30.9	77.3
Human	R3	Yew Tree Road	D3	81.6	72.7	0.89	0.62	0.62	1.55	34.09	34.7	86.8
Human	R4	Wexham Road	D4	90.4	81.6	1.00	0.70	0.70	1.74	33.40	34.1	85.2
Human	R5	Apsley House	D5	58.3	49.4	0.60	0.42	0.42	1.06	30.98	31.4	78.5
Human	R6	Cornwall House	D6	27.0	18.2	0.22	0.16	0.16	0.39	32.82	33.0	82.4
Human	R7	Claycoats School	D7	21.3	12.4	0.15	0.11	0.11	0.27	29.62	29.7	74.3
Human	R8	Windmill Care Centre	D8	18.4	9.5	0.12	0.08	0.08	0.20	32.46	32.5	81.4
Human	R9	Tuns Lane	D9	17.3	8.5	0.10	0.07	0.07	0.18	32.04	32.1	80.3
Human	R10	Paxton Avenue	D10	15.7	6.9	0.08	0.06	0.06	0.15	39.24	39.3	98.2
Human	R11	Spackmans Way	D11	16.1	7.2	0.09	0.06	0.06	0.15	38.47	38.5	96.3
Human	R12	Slough and Eton CoE Business and Enterprise College	D12	20.3	11.4	0.14	0.10	0.10	0.24	31.26	31.4	78.4
Human	R13	Windsor Road	D13	25.9	17.1	0.21	0.15	0.15	0.36	32.98	33.1	82.8
Human	R14	Saint Mary's Church of England Primary School	D14	49.5	40.6	0.50	0.35	0.35	0.87	26.69	27.0	67.6
Human	R15	16 John Taylor Court	D15	17.9	9.1	0.11	0.08	0.08	0.19	34.71	34.8	87.0
Human	R16	19 Farnham Road	D16	17.3	8.5	0.10	0.07	0.07	0.18	28.92	29.0	72.5
Human	R17	49 Stoke Road	D17	32.6	23.7	0.29	0.20	0.20	0.51	30.02	30.2	75.6
Human	R18	50 Stoke Road	D18	33.3	24.5	0.30	0.21	0.21	0.52	28.96	29.2	72.9
Human	R19	100 Wexham Road	D19	162.4	153.6	1.88	1.31	1.31	3.28	33.65	35.0	87.4
Human	R20	98 Broadmark Road	D20	394.6	385.7	4.71	3.30	3.30	8.24	27.99	31.3	78.2
Human	R21	25 Cannon Gate	D21	93.7	84.9	1.04	0.73	0.73	1.81	25.18	25.9	64.8
Human	R22	27 Clifton Road	D22	66.5	57.6	0.70	0.49	0.49	1.23	30.45	30.9	77.4
AQMA	R23	Slough AQMA	D23	97.7	88.9	1.09	0.76	0.76	1.90	35.66	36.4	91.0
AQMA	R24	South Bucks AQMA	D24	27.4	18.5	0.23	0.16	0.16	0.40	32.84	33.0	82.5
Human	PR1	New Resi Development to South	D25	173.2	164.4	2.01	1.41	1.41	3.51	32.83	34.2	85.6
Human	PR2	New Resi Development to South	D26	204.5	195.6	2.39	1.67	1.67	4.18	32.83	34.5	86.3
Human	PR3	New Resi Development to South	D27	204.8	195.9	2.39	1.68	1.68	4.19	32.83	34.5	86.3
Human	PR4	New Resi Development to South	D28	245.7	236.9	2.89	2.03	2.03	5.06	32.83	34.9	87.1
Human	PR5	New Resi Development to South	D29	246.0	237.1	2.90	2.03	2.03	5.07	32.83	34.9	87.1
Human	PR6	New Resi Development to South	D30	221.6	212.8	2.60	1.82	1.82	4.55	32.83	34.6	86.6
Human	PR7	New Resi Development to South	D31	207.6	198.8	2.43	1.70	1.70	4.25	32.83	34.5	86.3
Human	PR8	New Resi Development to South	D32	169.3	160.4	1.96	1.37	1.37	3.43	32.83	34.2	85.5
Human	PR9	New Resi Development to South	D33	194.7	185.9	2.27	1.59	1.59	3.97	32.83	34.4	86.0
Human	PR10	New Resi Development to South	D34	196.3	187.4	2.29	1.60	1.60	4.01	32.83	34.4	86.1

Table A5 – NO₂ 1-Hour Mean – ‘Worst Case’ Emergency Scenario – Standalone

Receptor Type	Report Ref	Details	Model Ref	No. of Exceedances of 200 µg/m ³ for 8,760 hours of operation					Probability of an exceedance of the Air Quality Objective (for continuous operations of 107 hours)				
				2021	2020	2019	2018	2017	2021	2020	2019	2018	2017
Human	R1	Princes Street	D1	85	60	61	84	53	0%	0%	0%	0%	0%
Human	R2	Hazelmere Road	D2	168	193	190	174	227	0%	0%	0%	0%	0%
Human	R3	Yew Tree Road	D3	80	59	59	85	51	0%	0%	0%	0%	0%
Human	R4	Wexham Road	D4	91	73	66	99	52	0%	0%	0%	0%	0%
Human	R5	Apsley House	D5	71	68	56	74	40	0%	0%	0%	0%	0%
Human	R6	Cornwall House	D6	17	20	26	16	17	0%	0%	0%	0%	0%
Human	R7	Claycoats School	D7	7	5	10	5	5	0%	0%	0%	0%	0%
Human	R8	Windmill Care Centre	D8	1	0	0	1	0	0%	0%	0%	0%	0%
Human	R9	Tuns Lane	D9	3	4	4	2	0	0%	0%	0%	0%	0%
Human	R10	Paxton Avenue	D10	0	0	1	0	0	0%	0%	0%	0%	0%
Human	R11	Spackmans Way	D11	0	0	0	0	0	0%	0%	0%	0%	0%
Human	R12	Slough and Eton CoE Business and Enterprise College	D12	7	4	1	5	3	0%	0%	0%	0%	0%
Human	R13	Windsor Road	D13	13	11	5	13	6	0%	0%	0%	0%	0%
Human	R14	Saint Mary's Church of England Primary School	D14	47	36	37	57	27	0%	0%	0%	0%	0%
Human	R15	16 John Taylor Court	D15	1	0	0	0	0	0%	0%	0%	0%	0%
Human	R16	19 Farnham Road	D16	1	0	0	1	2	0%	0%	0%	0%	0%
Human	R17	49 Stoke Road	D17	28	26	37	45	27	0%	0%	0%	0%	0%
Human	R18	50 Stoke Road	D18	28	30	44	47	30	0%	0%	0%	0%	0%
Human	R19	100 Wexham Road	D19	95	98	115	112	83	0%	0%	0%	0%	0%
Human	R20	98 Broadmark Road	D20	165	182	180	163	217	0%	0%	0%	0%	0%
Human	R21	25 Cannon Gate	D21	92	87	107	90	90	0%	0%	0%	0%	0%
Human	R22	27 Clifton Road	D22	70	48	44	63	50	0%	0%	0%	0%	0%
AQMA	R23	Slough AQMA	D23	82	58	53	80	59	0%	0%	0%	0%	0%
AQMA	R24	South Bucks AQMA	D24	2	0	1	3	2	0%	0%	0%	0%	0%
Human	PR1	New Resi Development to South	D25	87	80	89	114	60	0%	0%	0%	0%	0%
Human	PR2	New Resi Development to South	D26	97	83	81	108	59	0%	0%	0%	0%	0%
Human	PR3	New Resi Development to South	D27	103	85	80	111	59	0%	0%	0%	0%	0%
Human	PR4	New Resi Development to South	D28	112	89	87	117	73	0%	0%	0%	0%	0%
Human	PR5	New Resi Development to South	D29	112	88	83	115	77	0%	0%	0%	0%	0%
Human	PR6	New Resi Development to South	D30	107	83	75	102	81	0%	0%	0%	0%	0%
Human	PR7	New Resi Development to South	D31	105	72	72	91	85	0%	0%	0%	0%	0%
Human	PR8	New Resi Development to South	D32	88	60	60	77	93	0%	0%	0%	0%	0%
Human	PR9	New Resi Development to South	D33	105	83	76	108	65	0%	0%	0%	0%	0%
Human	PR10	New Resi Development to South	D34	93	72	73	101	65	0%	0%	0%	0%	0%

Note: Given that the probability of an exceedance of the NO₂ 1-hour mean objective is 0% at all modelled discrete receptors in the ‘Worst Case’ Emergency scenario model, which accounted for 92 hours of continuous operation plus 15 hours for routine testing (107 hours total as a conservative assessment), there was no need to repeat the modelling for the ‘Most Likely’ Testing scenario (15 hours of operation per annum), as the probability remains 0%.

Table A6 – NO₂ 1-Hour Mean – ‘Worst Case’ Emergency Scenario – In-Combination

Receptor Type	Report Ref	Details	Model Ref	No. of Exceedances of 200 µg/m ³ for 8,760 hours of operation					Probability of an exceedance of the Air Quality Objective (for continuous operations of 107 hours)				
				2021	2020	2019	2018	2017	2021	2020	2019	2018	2017
Human	R1	Princes Street	D1	106	79	78	106	66	0%	0%	0%	0%	0%
Human	R2	Hazelmere Road	D2	217	235	230	215	261	0%	0%	0%	0%	0%
Human	R3	Yew Tree Road	D3	102	75	74	102	61	0%	0%	0%	0%	0%
Human	R4	Wexham Road	D4	103	84	81	118	64	0%	0%	0%	0%	0%
Human	R5	Apsley House	D5	80	77	75	89	57	0%	0%	0%	0%	0%
Human	R6	Cornwall House	D6	46	47	50	57	45	0%	0%	0%	0%	0%
Human	R7	Claycoats School	D7	19	28	34	34	27	0%	0%	0%	0%	0%
Human	R8	Windmill Care Centre	D8	17	22	23	32	15	0%	0%	0%	0%	0%
Human	R9	Tuns Lane	D9	11	15	22	15	16	0%	0%	0%	0%	0%
Human	R10	Paxton Avenue	D10	6	12	10	8	6	0%	0%	0%	0%	0%
Human	R11	Spackmans Way	D11	6	15	8	6	6	0%	0%	0%	0%	0%
Human	R12	Slough and Eton CoE Business and Enterprise College	D12	27	27	17	25	22	0%	0%	0%	0%	0%
Human	R13	Windsor Road	D13	43	37	33	44	32	0%	0%	0%	0%	0%
Human	R14	Saint Mary's Church of England Primary School	D14	85	66	64	89	52	0%	0%	0%	0%	0%
Human	R15	16 John Taylor Court	D15	14	14	22	28	14	0%	0%	0%	0%	0%
Human	R16	19 Farnham Road	D16	16	22	20	29	13	0%	0%	0%	0%	0%
Human	R17	49 Stoke Road	D17	61	54	75	78	48	0%	0%	0%	0%	0%
Human	R18	50 Stoke Road	D18	61	55	76	79	48	0%	0%	0%	0%	0%
Human	R19	100 Wexham Road	D19	99	99	116	116	85	0%	0%	0%	0%	0%
Human	R20	98 Broadmark Road	D20	209	226	219	206	254	0%	0%	0%	0%	0%
Human	R21	25 Cannon Gate	D21	166	178	177	158	166	0%	0%	0%	0%	0%
Human	R22	27 Clifton Road	D22	87	61	62	89	61	0%	0%	0%	0%	0%
AQMA	R23	Slough AQMA	D23	101	78	76	105	70	0%	0%	0%	0%	0%
AQMA	R24	South Bucks AQMA	D24	22	17	17	31	29	0%	0%	0%	0%	0%
Human	PR1	New Resi Development to South	D25	91	89	97	120	69	0%	0%	0%	0%	0%
Human	PR2	New Resi Development to South	D26	106	94	98	126	73	0%	0%	0%	0%	0%
Human	PR3	New Resi Development to South	D27	114	97	96	125	72	0%	0%	0%	0%	0%
Human	PR4	New Resi Development to South	D28	123	109	110	139	90	0%	0%	0%	0%	0%
Human	PR5	New Resi Development to South	D29	124	106	112	137	90	0%	0%	0%	0%	0%
Human	PR6	New Resi Development to South	D30	143	114	107	137	100	0%	0%	0%	0%	0%
Human	PR7	New Resi Development to South	D31	146	120	114	142	111	0%	0%	0%	0%	0%
Human	PR8	New Resi Development to South	D32	154	122	115	145	127	0%	0%	0%	0%	0%
Human	PR9	New Resi Development to South	D33	114	96	96	121	72	0%	0%	0%	0%	0%
Human	PR10	New Resi Development to South	D34	122	99	96	129	85	0%	0%	0%	0%	0%

Note: Given that the probability of an exceedance of the NO₂ 1-hour mean objective is 0% at all modelled discrete receptors in the ‘Worst Case’ Emergency scenario model, which accounted for 92 hours of continuous operation plus 15 hours for routine testing (107 hours total as a conservative assessment), there was no need to repeat the modelling for the ‘Most Likely’ Testing scenario (15 hours of operation per annum), as the probability remains 0%.

Table A7 – PM₁₀ Annual Mean – ‘Most Likely’ Scenario – Standalone (Units: µg/m³ unless stated)

Receptor Type	Report Ref	Details	5-Year Max	Total PM ₁₀ - Model BG*	Adjusted Annual PM ₁₀ (15 hrs)	PC	PC as % of Objective	Baseline	Project PEC	PEC as % of Objective
Human	R1	Princes Street	12.2	0.2	<0.01	<0.01	<0.1	19.3	19.3	48.1
Human	R2	Hazelmere Road	12.8	0.8	<0.01	<0.01	<0.1	17.0	17.0	42.6
Human	R3	Yew Tree Road	12.1	0.1	<0.01	<0.01	<0.1	18.9	18.9	47.2
Human	R4	Wexham Road	12.2	0.2	<0.01	<0.01	<0.1	18.9	18.9	47.2
Human	R5	Apsley House	12.1	0.1	<0.01	<0.01	<0.1	18.1	18.1	45.4
Human	R6	Cornwall House	12.0	0.0	<0.01	<0.01	<0.1	19.5	19.5	48.6
Human	R7	Claycoats School	12.0	0.0	<0.01	<0.01	<0.1	17.9	17.9	44.8
Human	R8	Windmill Care Centre	12.0	0.0	<0.01	<0.01	<0.1	18.7	18.7	46.7
Human	R9	Tuns Lane	12.0	0.0	<0.01	<0.01	<0.1	19.2	19.2	47.9
Human	R10	Paxton Avenue	12.0	0.0	<0.01	<0.01	<0.1	20.3	20.3	50.7
Human	R11	Spackmans Way	12.0	0.0	<0.01	<0.01	<0.1	20.0	20.0	50.1
Human	R12	Slough and Eton CoE Business and Enterprise College	12.0	0.0	<0.01	<0.01	<0.1	18.5	18.5	46.2
Human	R13	Windsor Road	12.0	0.0	<0.01	<0.01	<0.1	19.3	19.3	48.1
Human	R14	Saint Mary's Church of England Primary School	12.1	0.1	<0.01	<0.01	<0.1	17.2	17.2	43.0
Human	R15	16 John Taylor Court	12.0	0.0	<0.01	<0.01	<0.1	19.0	19.0	47.5
Human	R16	19 Farnham Road	12.0	0.0	<0.01	<0.01	<0.1	17.7	17.7	44.3
Human	R17	49 Stoke Road	12.0	0.0	<0.01	<0.01	<0.1	17.9	17.9	44.7
Human	R18	50 Stoke Road	12.0	0.0	<0.01	<0.01	<0.1	17.6	17.6	44.1
Human	R19	100 Wexham Road	12.2	0.3	<0.01	<0.01	<0.1	19.2	19.2	48.1
Human	R20	98 Broadmark Road	12.6	0.6	<0.01	<0.01	<0.1	17.5	17.5	43.8
Human	R21	25 Cannon Gate	12.1	0.2	<0.01	<0.01	<0.1	17.0	17.0	42.4
Human	R22	27 Clifton Road	12.1	0.1	<0.01	<0.01	<0.1	18.2	18.2	45.4
AQMA	R23	Slough AQMA	12.2	0.2	<0.01	<0.01	<0.1	19.0	19.0	63.2
AQMA	R24	South Bucks AQMA	12.0	0.0	<0.01	<0.01	<0.1	19.0	19.0	63.2
Human	PR1	New Resi Development to South	12.4	0.4	<0.01	<0.01	<0.1	19.0	19.0	63.2
Human	PR2	New Resi Development to South	12.5	0.5	<0.01	<0.01	<0.1	19.0	19.0	63.2
Human	PR3	New Resi Development to South	12.5	0.5	<0.01	<0.01	<0.1	19.0	19.0	63.2
Human	PR4	New Resi Development to South	12.5	0.6	<0.01	<0.01	<0.1	19.0	19.0	63.2
Human	PR5	New Resi Development to South	12.5	0.5	<0.01	<0.01	<0.1	19.0	19.0	63.2
Human	PR6	New Resi Development to South	12.4	0.4	<0.01	<0.01	<0.1	19.0	19.0	63.2
Human	PR7	New Resi Development to South	12.3	0.3	<0.01	<0.01	<0.1	19.0	19.0	47.4
Human	PR8	New Resi Development to South	12.3	0.3	<0.01	<0.01	<0.1	19.0	19.0	47.4
Human	PR9	New Resi Development to South	12.5	0.5	<0.01	<0.01	<0.1	19.0	19.0	63.2
Human	PR10	New Resi Development to South	12.4	0.4	<0.01	<0.01	<0.1	19.0	19.0	63.2

* Annual mean PM₁₀ background concentration (11.99 µg/m³) in ADMS model input removed to enable PC to be calculated.

Table A8 – PM₁₀ Annual Mean – ‘Most Likely’ Scenario – In-Combination (Units: µg/m³ unless stated)

Receptor Type	Report Ref	Details	5-Year Max	Total PM ₁₀ - Model BG*	Adjusted Annual PM ₁₀ (15 hrs)	PC	PC as % of Objective	Baseline	Project PEC	PEC as % of Objective
Human	R1	Princes Street	12.3	0.3	<0.01	<0.01	<0.1	19.3	19.3	48.1
Human	R2	Hazelmere Road	14.1	2.1	<0.01	<0.01	<0.1	17.0	17.0	42.6
Human	R3	Yew Tree Road	12.2	0.3	<0.01	<0.01	<0.1	18.9	18.9	47.2
Human	R4	Wexham Road	12.3	0.3	<0.01	<0.01	<0.1	18.9	18.9	47.2
Human	R5	Apsley House	12.2	0.2	<0.01	<0.01	<0.1	18.1	18.1	45.4
Human	R6	Cornwall House	12.1	0.1	<0.01	<0.01	<0.1	19.5	19.5	48.6
Human	R7	Claycoats School	12.0	0.0	<0.01	<0.01	<0.1	17.9	17.9	44.8
Human	R8	Windmill Care Centre	12.0	0.0	<0.01	<0.01	<0.1	18.7	18.7	46.7
Human	R9	Tuns Lane	12.0	0.0	<0.01	<0.01	<0.1	19.2	19.2	47.9
Human	R10	Paxton Avenue	12.0	0.0	<0.01	<0.01	<0.1	20.3	20.3	50.7
Human	R11	Spackmans Way	12.0	0.0	<0.01	<0.01	<0.1	20.0	20.0	50.1
Human	R12	Slough and Eton CoE Business and Enterprise College	12.0	0.0	<0.01	<0.01	<0.1	18.5	18.5	46.2
Human	R13	Windsor Road	12.0	0.1	<0.01	<0.01	<0.1	19.3	19.3	48.1
Human	R14	Saint Mary's Church of England Primary School	12.1	0.1	<0.01	<0.01	<0.1	17.2	17.2	43.0
Human	R15	16 John Taylor Court	12.0	0.0	<0.01	<0.01	<0.1	19.0	19.0	47.5
Human	R16	19 Farnham Road	12.0	0.0	<0.01	<0.01	<0.1	17.7	17.7	44.3
Human	R17	49 Stoke Road	12.1	0.1	<0.01	<0.01	<0.1	17.9	17.9	44.7
Human	R18	50 Stoke Road	12.1	0.1	<0.01	<0.01	<0.1	17.6	17.6	44.1
Human	R19	100 Wexham Road	12.5	0.5	<0.01	<0.01	<0.1	19.2	19.2	48.1
Human	R20	98 Broadmark Road	13.3	1.3	<0.01	<0.01	<0.1	17.5	17.5	43.8
Human	R21	25 Cannon Gate	12.3	0.3	<0.01	<0.01	<0.1	17.0	17.0	42.4
Human	R22	27 Clifton Road	12.2	0.2	<0.01	<0.01	<0.1	18.2	18.2	45.4
AQMA	R23	Slough AQMA	12.3	0.3	<0.01	<0.01	<0.1	19.0	19.0	63.2
AQMA	R24	South Bucks AQMA	12.1	0.1	<0.01	<0.01	<0.1	19.0	19.0	63.2
Human	PR1	New Resi Development to South	12.6	0.6	<0.01	<0.01	<0.1	19.0	19.0	63.2
Human	PR2	New Resi Development to South	12.7	0.7	<0.01	<0.01	<0.1	19.0	19.0	63.2
Human	PR3	New Resi Development to South	12.7	0.7	<0.01	<0.01	<0.1	19.0	19.0	63.2
Human	PR4	New Resi Development to South	12.8	0.8	<0.01	<0.01	<0.1	19.0	19.0	63.2
Human	PR5	New Resi Development to South	12.8	0.8	<0.01	<0.01	<0.1	19.0	19.0	63.2
Human	PR6	New Resi Development to South	12.7	0.7	<0.01	<0.01	<0.1	19.0	19.0	63.2
Human	PR7	New Resi Development to South	12.7	0.7	<0.01	<0.01	<0.1	19.0	19.0	47.4
Human	PR8	New Resi Development to South	12.5	0.6	<0.01	<0.01	<0.1	19.0	19.0	47.4
Human	PR9	New Resi Development to South	12.6	0.6	<0.01	<0.01	<0.1	19.0	19.0	63.2
Human	PR10	New Resi Development to South	12.6	0.3	<0.01	<0.01	<0.1	19.0	19.0	63.2

* Annual mean PM₁₀ background concentration (11.99 µg/m³) in ADMS model input removed to enable PC to be calculated.

Table A9 – PM₁₀ Annual Mean – ‘Worst-Case’ Scenario – Standalone (Units: µg/m³ unless stated)

Receptor Type	Report Ref	Details	5-Year Max	Total PM ₁₀ - Model BG*	Adjusted Annual PM ₁₀ (107 hrs)	PC	PC as % of Objective	Baseline	Project PEC	PEC as % of Objective
Human	R1	Princes Street	12.2	0.17	<0.01	<0.01	<0.1	19.3	19.3	48.1
Human	R2	Hazelmere Road	12.8	0.82	0.01	0.01	<0.1	17.0	17.1	42.6
Human	R3	Yew Tree Road	12.1	0.15	<0.01	<0.01	<0.1	18.9	18.9	47.2
Human	R4	Wexham Road	12.2	0.21	<0.01	<0.01	<0.1	18.9	18.9	47.2
Human	R5	Apsley House	12.1	0.12	<0.01	<0.01	<0.1	18.1	18.1	45.4
Human	R6	Cornwall House	12.0	0.04	<0.01	<0.01	<0.1	19.5	19.5	48.6
Human	R7	Claycoats School	12.0	0.03	<0.01	<0.01	<0.1	17.9	17.9	44.8
Human	R8	Windmill Care Centre	12.0	0.02	<0.01	<0.01	<0.1	18.7	18.7	46.7
Human	R9	Tuns Lane	12.0	0.02	<0.01	<0.01	<0.1	19.2	19.2	47.9
Human	R10	Paxton Avenue	12.0	0.01	<0.01	<0.01	<0.1	20.3	20.3	50.7
Human	R11	Spackmans Way	12.0	0.01	<0.01	<0.01	<0.1	20.0	20.0	50.1
Human	R12	Slough and Eton CoE Business and Enterprise College	12.0	0.02	<0.01	<0.01	<0.1	18.5	18.5	46.2
Human	R13	Windsor Road	12.0	0.04	<0.01	<0.01	<0.1	19.3	19.3	48.1
Human	R14	Saint Mary's Church of England Primary School	12.1	0.08	<0.01	<0.01	<0.1	17.2	17.2	43.0
Human	R15	16 John Taylor Court	12.0	0.02	<0.01	<0.01	<0.1	19.0	19.0	47.5
Human	R16	19 Farnham Road	12.0	0.02	<0.01	<0.01	<0.1	17.7	17.7	44.3
Human	R17	49 Stoke Road	12.0	0.05	<0.01	<0.01	<0.1	17.9	17.9	44.7
Human	R18	50 Stoke Road	12.0	0.05	<0.01	<0.01	<0.1	17.6	17.6	44.1
Human	R19	100 Wexham Road	12.2	0.25	<0.01	<0.01	<0.1	19.2	19.2	48.1
Human	R20	98 Broadmark Road	12.6	0.60	0.01	0.01	<0.1	17.5	17.5	43.8
Human	R21	25 Cannon Gate	12.1	0.15	<0.01	<0.01	<0.1	17.0	17.0	42.4
Human	R22	27 Clifton Road	12.1	0.10	<0.01	<0.01	<0.1	18.2	18.2	45.4
AQMA	R23	Slough AQMA	12.2	0.17	<0.01	<0.01	<0.1	19.0	19.0	63.2
AQMA	R24	South Bucks AQMA	12.0	0.04	<0.01	<0.01	<0.1	19.0	19.0	63.2
Human	PR1	New Resi Development to South	12.4	0.41	0.01	0.01	<0.1	19.0	19.0	63.2
Human	PR2	New Resi Development to South	12.5	0.48	0.01	0.01	<0.1	19.0	19.0	63.2
Human	PR3	New Resi Development to South	12.5	0.50	0.01	0.01	<0.1	19.0	19.0	63.2
Human	PR4	New Resi Development to South	12.5	0.55	0.01	0.01	<0.1	19.0	19.0	63.2
Human	PR5	New Resi Development to South	12.5	0.52	0.01	0.01	<0.1	19.0	19.0	63.2
Human	PR6	New Resi Development to South	12.4	0.37	<0.01	<0.01	<0.1	19.0	19.0	63.2
Human	PR7	New Resi Development to South	12.3	0.31	<0.01	<0.01	<0.1	19.0	19.0	47.4
Human	PR8	New Resi Development to South	12.3	0.26	<0.01	<0.01	<0.1	19.0	19.0	47.4
Human	PR9	New Resi Development to South	12.5	0.52	0.01	0.01	<0.1	19.0	19.0	63.2
Human	PR10	New Resi Development to South	12.4	0.39	<0.01	<0.01	<0.1	19.0	19.0	63.2

* Annual mean PM₁₀ background concentration (11.99 µg/m³) in ADMS model input removed to enable PC to be calculated.

Table A10 – PM₁₀ Annual Mean – ‘Worst-Case’ Scenario – In-Combination (Units: µg/m³ unless stated)

Receptor Type	Report Ref	Details	5-Year Max	Total PM ₁₀ - Model BG*	Adjusted Annual PM ₁₀ (107 hrs)	PC	PC as % of Objective	Baseline	Project PEC	PEC as % of Objective
Human	R1	Princes Street	12.3	0.3	<0.01	<0.01	<0.1	971.2	976.4	9.8
Human	R2	Hazelmere Road	14.1	2.1	0.03	0.03	<0.1	971.2	1005.2	10.1
Human	R3	Yew Tree Road	12.2	0.3	<0.01	<0.01	<0.1	971.2	975.5	9.8
Human	R4	Wexham Road	12.3	0.3	<0.01	<0.01	<0.1	971.2	976.1	9.8
Human	R5	Apsley House	12.2	0.2	<0.01	<0.01	<0.1	971.2	974.2	9.7
Human	R6	Cornwall House	12.1	0.1	<0.01	<0.01	<0.1	971.2	972.3	9.7
Human	R7	Claycoats School	12.0	0.0	<0.01	<0.01	<0.1	971.2	972.0	9.7
Human	R8	Windmill Care Centre	12.0	0.0	<0.01	<0.01	<0.1	971.2	971.8	9.7
Human	R9	Tuns Lane	12.0	0.0	<0.01	<0.01	<0.1	971.2	971.7	9.7
Human	R10	Paxton Avenue	12.0	0.0	<0.01	<0.01	<0.1	971.2	971.6	9.7
Human	R11	Spackmans Way	12.0	0.0	<0.01	<0.01	<0.1	971.2	971.6	9.7
Human	R12	Slough and Eton CoE Business and Enterprise College	12.0	0.0	<0.01	<0.01	<0.1	971.2	971.9	9.7
Human	R13	Windsor Road	12.0	0.1	<0.01	<0.01	<0.1	971.2	972.2	9.7
Human	R14	Saint Mary's Church of England Primary School	12.1	0.1	<0.01	<0.01	<0.1	971.2	973.6	9.7
Human	R15	16 John Taylor Court	12.0	0.0	<0.01	<0.01	<0.1	971.2	971.8	9.7
Human	R16	19 Farnham Road	12.0	0.0	<0.01	<0.01	<0.1	971.2	971.7	9.7
Human	R17	49 Stoke Road	12.1	0.1	<0.01	<0.01	<0.1	971.2	972.6	9.7
Human	R18	50 Stoke Road	12.1	0.1	<0.01	<0.01	<0.1	971.2	972.7	9.7
Human	R19	100 Wexham Road	12.5	0.5	0.01	0.01	<0.1	971.2	980.4	9.8
Human	R20	98 Broadmark Road	13.3	1.3	0.02	0.02	<0.1	971.2	993.4	9.9
Human	R21	25 Cannon Gate	12.3	0.3	<0.01	<0.01	<0.1	971.2	976.2	9.8
Human	R22	27 Clifton Road	12.2	0.2	<0.01	<0.01	<0.1	971.2	974.6	9.7
AQMA	R23	Slough AQMA	12.3	0.3	<0.01	<0.01	<0.1	971.2	976.5	9.8
AQMA	R24	South Bucks AQMA	12.1	0.1	<0.01	<0.01	<0.1	971.2	972.3	9.7
Human	PR1	New Resi Development to South	12.6	0.6	0.01	0.01	<0.1	971.2	981.2	9.8
Human	PR2	New Resi Development to South	12.7	0.7	0.01	0.01	<0.1	971.2	983.0	9.8
Human	PR3	New Resi Development to South	12.7	0.7	0.01	0.01	<0.1	971.2	983.0	9.8
Human	PR4	New Resi Development to South	12.8	0.8	0.01	0.01	<0.1	971.2	985.2	9.9
Human	PR5	New Resi Development to South	12.8	0.8	0.01	0.01	<0.1	971.2	985.2	9.9
Human	PR6	New Resi Development to South	12.7	0.7	0.01	0.01	<0.1	971.2	983.5	9.8
Human	PR7	New Resi Development to South	12.7	0.7	0.01	0.01	<0.1	971.2	982.5	9.8
Human	PR8	New Resi Development to South	12.5	0.6	0.01	0.01	<0.1	971.2	980.1	9.8
Human	PR9	New Resi Development to South	12.6	0.6	0.01	0.01	<0.1	971.2	982.4	9.8
Human	PR10	New Resi Development to South	12.6	0.7	0.01	0.01	<0.1	971.2	982.3	9.8

* Annual mean PM₁₀ background concentration (11.99 µg/m³) in ADMS model input removed to enable PC to be calculated.

Table A11 – CO (8-Hour Mean) – ‘Worst-Case’ Scenario – Standalone (Units: µg/m³ unless stated)

Receptor Type	Report Ref	Details	5-Year Max (1-hr)	Max 1-hr CO - Model BG*	Adjusted 8-hr PC (107 hrs)**	PC (107 hrs)	PC as % of Objective	Background (2026)	Project PEC	PEC as % of Objective
Human	R1	Princes Street	201.9	4.8	0.04	0.04	<0.1	197.1	197.2	2.0
Human	R2	Hazelmere Road	219.5	22.4	0.19	0.19	<0.1	197.1	197.3	2.0
Human	R3	Yew Tree Road	201.1	4.0	0.03	0.03	<0.1	197.1	197.2	2.0
Human	R4	Wexham Road	202.8	5.7	0.05	0.05	<0.1	197.1	197.2	2.0
Human	R5	Apsley House	200.5	3.4	0.03	0.03	<0.1	197.1	197.1	2.0
Human	R6	Cornwall House	198.1	1.0	0.01	0.01	<0.1	197.1	197.1	2.0
Human	R7	Claycoats School	197.8	0.7	0.01	0.01	<0.1	197.1	197.1	2.0
Human	R8	Windmill Care Centre	197.7	0.5	0.00	0.00	<0.1	197.1	197.1	2.0
Human	R9	Tuns Lane	197.6	0.5	0.00	0.00	<0.1	197.1	197.1	2.0
Human	R10	Paxton Avenue	197.5	0.4	0.00	0.00	<0.1	197.1	197.1	2.0
Human	R11	Spackmans Way	197.5	0.4	0.00	0.00	<0.1	197.1	197.1	2.0
Human	R12	Slough and Eton CoE Business and Enterprise College	197.8	0.7	0.01	0.01	<0.1	197.1	197.1	2.0
Human	R13	Windsor Road	198.2	1.0	0.01	0.01	<0.1	197.1	197.1	2.0
Human	R14	Saint Mary's Church of England Primary School	199.4	2.3	0.02	0.02	<0.1	197.1	197.1	2.0
Human	R15	16 John Taylor Court	197.6	0.5	0.00	0.00	<0.1	197.1	197.1	2.0
Human	R16	19 Farnham Road	197.6	0.5	0.00	0.00	<0.1	197.1	197.1	2.0
Human	R17	49 Stoke Road	198.5	1.3	0.01	0.01	<0.1	197.1	197.1	2.0
Human	R18	50 Stoke Road	198.5	1.4	0.01	0.01	<0.1	197.1	197.1	2.0
Human	R19	100 Wexham Road	204.1	7.0	0.06	0.06	<0.1	197.1	197.2	2.0
Human	R20	98 Broadmark Road	213.4	16.3	0.14	0.14	<0.1	197.1	197.3	2.0
Human	R21	25 Cannon Gate	201.2	4.1	0.04	0.04	<0.1	197.1	197.2	2.0
Human	R22	27 Clifton Road	199.9	2.8	0.02	0.02	<0.1	197.1	197.1	2.0
AQMA	R23	Slough AQMA	201.7	4.6	0.04	0.04	<0.1	197.1	197.2	2.0
AQMA	R24	South Bucks AQMA	198.1	1.0	0.01	0.01	<0.1	197.1	197.1	2.0
Human	PR1	New Resi Development to South	208.4	11.3	0.10	0.10	<0.1	197.1	197.2	2.0
Human	PR2	New Resi Development to South	210.3	13.1	0.11	0.11	<0.1	197.1	197.2	2.0
Human	PR3	New Resi Development to South	210.8	13.7	0.12	0.12	<0.1	197.1	197.2	2.0
Human	PR4	New Resi Development to South	212.3	15.1	0.13	0.13	<0.1	197.1	197.2	2.0
Human	PR5	New Resi Development to South	211.4	14.2	0.12	0.12	<0.1	197.1	197.2	2.0
Human	PR6	New Resi Development to South	207.3	10.2	0.09	0.09	<0.1	197.1	197.2	2.0
Human	PR7	New Resi Development to South	205.5	8.3	0.07	0.07	<0.1	197.1	197.2	2.0
Human	PR8	New Resi Development to South	204.2	7.1	0.06	0.06	<0.1	197.1	197.2	2.0
Human	PR9	New Resi Development to South	211.2	14.1	0.12	0.12	<0.1	197.1	197.2	2.0
Human	PR10	New Resi Development to South	207.9	10.7	0.01	0.01	<0.1	197.1	197.2	2.0

* Annual mean CO background concentration (197.12 µg/m³) in ADMS model input removed to enable PC to be calculated

** Conversion from 1-hour mean to 8-hour mean as per Environment Agency guidance: <https://www.gov.uk/guidance/air-emissions-risk-assessment-for-your-environmental-permit> and factored for operating hours (107/8760)

Note: Given that impacts relating to maximum modelled CO 8-hour mean PCs are all <0.1% of the objective at all modelled discrete receptors in the ‘Worst Case’ Emergency scenario model, which accounted for 92 hours of continuous operation plus 15 hours for routine testing (107 hours total as a conservative assessment), there was no need to repeat the modelling for the ‘Most Likely’ Testing scenario (15 hours of operation per annum), as the impacts would remain negligible.

Table A12 – CO (8-Hour Mean) – ‘Worst-Case’ Scenario – In-Combination (Units: µg/m³ unless stated)

Receptor Type	Report Ref	Details	5-Year Max (1-hr)	Max 1-hr CO - Model BG*	Adjusted 8-hr CO **	PC (107 hrs)	PC as % of Objective	Baseline	Project PEC	PEC as % of Objective
Human	R1	Princes Street	204.5	7.4	0.06	0.06	<0.1	197.1	197.2	2.0
Human	R2	Hazelmere Road	245.6	48.5	0.41	0.41	<0.1	197.1	197.5	2.0
Human	R3	Yew Tree Road	203.3	6.2	0.05	0.05	<0.1	197.1	197.2	2.0
Human	R4	Wexham Road	204.1	7.0	0.06	0.06	<0.1	197.1	197.2	2.0
Human	R5	Apsley House	201.4	4.3	0.04	0.04	<0.1	197.1	197.2	2.0
Human	R6	Cornwall House	198.7	1.6	0.01	0.01	<0.1	197.1	197.1	2.0
Human	R7	Claycoats School	198.2	1.1	0.01	0.01	<0.1	197.1	197.1	2.0
Human	R8	Windmill Care Centre	197.9	0.8	0.01	0.01	<0.1	197.1	197.1	2.0
Human	R9	Tuns Lane	197.9	0.7	0.01	0.01	<0.1	197.1	197.1	2.0
Human	R10	Paxton Avenue	197.7	0.6	0.01	0.01	<0.1	197.1	197.1	2.0
Human	R11	Spackmans Way	197.7	0.6	0.01	0.01	<0.1	197.1	197.1	2.0
Human	R12	Slough and Eton CoE Business and Enterprise College	198.1	1.0	0.01	0.01	<0.1	197.1	197.1	2.0
Human	R13	Windsor Road	198.6	1.5	0.01	0.01	<0.1	197.1	197.1	2.0
Human	R14	Saint Mary's Church of England Primary School	200.6	3.5	0.03	0.03	<0.1	197.1	197.1	2.0
Human	R15	16 John Taylor Court	197.9	0.8	0.01	0.01	<0.1	197.1	197.1	2.0
Human	R16	19 Farnham Road	197.9	0.7	0.01	0.01	<0.1	197.1	197.1	2.0
Human	R17	49 Stoke Road	199.2	2.0	0.02	0.02	<0.1	197.1	197.1	2.0
Human	R18	50 Stoke Road	199.2	2.1	0.02	0.02	<0.1	197.1	197.1	2.0
Human	R19	100 Wexham Road	210.3	13.1	0.11	0.11	<0.1	197.1	197.2	2.0
Human	R20	98 Broadmark Road	228.8	31.7	0.27	0.27	<0.1	197.1	197.4	2.0
Human	R21	25 Cannon Gate	204.2	7.1	0.06	0.06	<0.1	197.1	197.2	2.0
Human	R22	27 Clifton Road	202.0	4.8	0.04	0.04	<0.1	197.1	197.2	2.0
AQMA	R23	Slough AQMA	204.6	7.5	0.06	0.06	<0.1	197.1	197.2	2.0
AQMA	R24	South Bucks AQMA	198.7	1.6	0.01	0.01	<0.1	197.1	197.1	2.0
Human	PR1	New Resi Development to South	211.4	14.3	0.12	0.12	<0.1	197.1	197.2	2.0
Human	PR2	New Resi Development to South	214.0	16.9	0.14	0.14	<0.1	197.1	197.3	2.0
Human	PR3	New Resi Development to South	213.9	16.8	0.14	0.14	<0.1	197.1	197.3	2.0
Human	PR4	New Resi Development to South	217.2	20.1	0.17	0.17	<0.1	197.1	197.3	2.0
Human	PR5	New Resi Development to South	217.1	20.0	0.17	0.17	<0.1	197.1	197.3	2.0
Human	PR6	New Resi Development to South	214.6	17.5	0.15	0.15	<0.1	197.1	197.3	2.0
Human	PR7	New Resi Development to South	213.3	16.2	0.14	0.14	<0.1	197.1	197.3	2.0
Human	PR8	New Resi Development to South	209.9	12.8	0.11	0.11	<0.1	197.1	197.2	2.0
Human	PR9	New Resi Development to South	213.2	16.1	0.14	0.14	<0.1	197.1	197.3	2.0
Human	PR10	New Resi Development to South	213.0	15.9	0.14	0.14	<0.1	197.1	197.3	2.0

* Annual mean CO background concentration (197.12 µg/m³) in ADMS model input removed to enable PC to be calculated

** Conversion from 1-hour mean to 8-hour mean as per Environment Agency guidance: <https://www.gov.uk/guidance/air-emissions-risk-assessment-for-your-environmental-permit> and factored for operating hours (107/8760)

Note: Given that impacts relating to maximum modelled CO 8-hour mean PCs are all <0.1% of the objective at all modelled discrete receptors in the ‘Worst Case’ Emergency scenario model, which accounted for 92 hours of continuous operation plus 15 hours for routine testing (107 hours total as a conservative assessment), there was no need to repeat the modelling for the ‘Most Likely’ Testing scenario (15 hours of operation per annum), as the impacts would remain negligible.

Table A13 – SO₂ Impacts for 15-mins, 1-hour, 24-hour means – ‘Worst-Case’ Scenario – Standalone (Units: µg/m³ unless stated)

Receptor Type	Report Ref	Details	5-Year Max (1-hr)*	5-Year Max (15-mins)*	5-Year Max (24-hr)*	PC as % of Objective (1-hour) (107 hrs)	PC as % of Objective (15-mins) (107 hrs)	PC as % of Objective (24-hrs) (107 hrs)	Project PEC (24-hrs)**	PEC as % of Objective (24-hrs)
Human	R1	Princes Street	0.5	0.5	0.5	0.1	0.2	0.4	8.6	6.8
Human	R2	Hazelmere Road	0.8	0.8	0.8	0.2	0.3	0.6	8.9	7.1
Human	R3	Yew Tree Road	0.4	0.5	0.4	0.1	0.2	0.3	8.5	6.8
Human	R4	Wexham Road	0.4	0.5	0.4	0.1	0.2	0.3	8.5	6.8
Human	R5	Apsley House	0.4	0.6	0.4	0.1	0.2	0.3	8.5	6.8
Human	R6	Cornwall House	0.3	0.4	0.3	0.1	0.1	0.2	8.4	6.7
Human	R7	Claycoats School	0.3	0.4	0.3	0.1	0.1	0.2	8.4	6.7
Human	R8	Windmill Care Centre	0.2	0.3	0.2	0.1	0.1	0.2	8.3	6.6
Human	R9	Tuns Lane	0.2	0.4	0.2	0.1	0.1	0.2	8.3	6.7
Human	R10	Paxton Avenue	0.2	0.3	0.2	0.1	0.1	0.2	8.3	6.6
Human	R11	Spackmans Way	0.2	0.3	0.2	0.0	0.1	0.1	8.3	6.6
Human	R12	Slough and Eton CoE Business and Enterprise College	0.3	0.4	0.3	0.1	0.1	0.2	8.4	6.7
Human	R13	Windsor Road	0.3	0.4	0.3	0.1	0.1	0.2	8.4	6.7
Human	R14	Saint Mary's Church of England Primary School	0.3	0.4	0.3	0.1	0.1	0.3	8.4	6.7
Human	R15	16 John Taylor Court	0.2	0.3	0.2	0.1	0.1	0.2	8.3	6.6
Human	R16	19 Farnham Road	0.2	0.3	0.2	0.1	0.1	0.2	8.3	6.6
Human	R17	49 Stoke Road	0.3	0.4	0.2	0.1	0.1	0.2	8.3	6.7
Human	R18	50 Stoke Road	0.3	0.3	0.3	0.1	0.1	0.2	8.4	6.7
Human	R19	100 Wexham Road	1.0	1.0	1.0	0.3	0.4	0.8	9.1	7.3
Human	R20	98 Broadmark Road	0.7	0.7	0.7	0.2	0.3	0.5	8.8	7.0
Human	R21	25 Cannon Gate	0.4	0.5	0.4	0.1	0.2	0.3	8.5	6.8
Human	R22	27 Clifton Road	0.4	0.4	0.4	0.1	0.2	0.3	8.5	6.8
AQMA	R23	Slough AQMA	0.5	0.6	0.5	0.1	0.2	0.4	8.6	6.9
AQMA	R24	South Bucks AQMA	0.2	0.3	0.2	0.1	0.1	0.1	8.3	6.6
Human	PR1	New Resi Development to South	1.0	1.1	1.0	0.3	0.4	0.8	9.1	7.3
Human	PR2	New Resi Development to South	1.3	1.3	1.3	0.4	0.5	1.0	9.4	7.5
Human	PR3	New Resi Development to South	1.2	1.2	1.2	0.3	0.5	1.0	9.3	7.5
Human	PR4	New Resi Development to South	1.4	1.4	1.4	0.4	0.5	1.1	9.5	7.6
Human	PR5	New Resi Development to South	1.4	1.4	1.4	0.4	0.5	1.1	9.5	7.6
Human	PR6	New Resi Development to South	1.4	1.4	1.4	0.4	0.5	1.1	9.5	7.6
Human	PR7	New Resi Development to South	1.3	1.4	1.3	0.4	0.5	1.1	9.4	7.5
Human	PR8	New Resi Development to South	1.2	1.2	1.2	0.3	0.5	1.0	9.3	7.5
Human	PR9	New Resi Development to South	0.9	1.0	0.9	0.3	0.4	0.8	9.0	7.2
Human	PR10	New Resi Development to South	1.0	1.0	1.0	0.3	0.4	0.8	9.1	7.3

* The results of the SO₂ modelling (PC) have not been adjusted for the number of operational hours per annum (107) in this scenario and are based on 100th percentile outputs, thus representing a highly unlikely worst case result.

** Inclusive of background concentration (8.1 µg/m³) sourced from Defra 2001 background maps for grid square encompassing the Site.

Note: Given that impacts relating to maximum modelled SO₂ PCs are all <0.1% of the objective and/or <10% of the short-term standard at all modelled discrete receptors in the ‘Worst Case’ Emergency scenario model, whereby the results for SO₂ have not been adjusted for the number of operational hours per annum in this scenario (107), there was no need to repeat the modelling for the ‘Most Likely’ Testing scenario (15 hours of operation per annum), as the impacts would remain insignificant.

Table A14 – SO₂ Impacts for 15-mins, 1-hour, 24-hour means – ‘Worst-Case’ Scenario – In-Combination (Units: µg/m³ unless stated)

Receptor Type	Report Ref	Details	5-Year Max (1-hr)*	5-Year Max (15-mins)*	5-Year Max (24-hr)*	PC as % of Objective (1-hour) (107 hrs)	PC as % of Objective (15-mins) (107 hrs)	PC as % of Objective (24-hrs) (107 hrs)	Project PEC (24-hrs)**	PEC as % of Objective (24-hrs)
Human	R1	Princes Street	0.6	0.7	0.6	0.2	0.3	0.5	8.7	7.0
Human	R2	Hazelmere Road	1.3	1.5	1.3	0.4	0.5	1.1	9.4	7.6
Human	R3	Yew Tree Road	0.5	0.6	0.5	0.2	0.2	0.4	8.6	6.9
Human	R4	Wexham Road	0.6	0.7	0.6	0.2	0.3	0.5	8.7	6.9
Human	R5	Apsley House	0.6	0.8	0.6	0.2	0.3	0.5	8.7	6.9
Human	R6	Cornwall House	0.4	0.6	0.4	0.1	0.2	0.3	8.5	6.8
Human	R7	Claycoats School	0.4	0.6	0.4	0.1	0.2	0.3	8.5	6.8
Human	R8	Windmill Care Centre	0.3	0.5	0.3	0.1	0.2	0.3	8.4	6.7
Human	R9	Tuns Lane	0.4	0.6	0.4	0.1	0.2	0.3	8.5	6.8
Human	R10	Paxton Avenue	0.3	0.4	0.3	0.1	0.2	0.2	8.4	6.7
Human	R11	Spackmans Way	0.3	0.4	0.2	0.1	0.1	0.2	8.3	6.7
Human	R12	Slough and Eton CoE Business and Enterprise College	0.4	0.6	0.4	0.1	0.2	0.3	8.5	6.8
Human	R13	Windsor Road	0.4	0.6	0.4	0.1	0.2	0.3	8.5	6.8
Human	R14	Saint Mary's Church of England Primary School	0.5	0.7	0.5	0.2	0.3	0.4	8.6	6.9
Human	R15	16 John Taylor Court	0.3	0.4	0.3	0.1	0.2	0.2	8.4	6.7
Human	R16	19 Farnham Road	0.4	0.6	0.4	0.1	0.2	0.3	8.5	6.8
Human	R17	49 Stoke Road	0.5	0.7	0.5	0.1	0.3	0.4	8.6	6.8
Human	R18	50 Stoke Road	0.5	0.6	0.4	0.1	0.2	0.3	8.5	6.8
Human	R19	100 Wexham Road	1.4	1.5	1.4	0.4	0.5	1.1	9.5	7.6
Human	R20	98 Broadmark Road	0.9	1.1	0.9	0.3	0.4	0.7	9.0	7.2
Human	R21	25 Cannon Gate	0.5	0.6	0.5	0.1	0.2	0.4	8.6	6.8
Human	R22	27 Clifton Road	0.5	0.6	0.5	0.1	0.2	0.4	8.6	6.9
AQMA	R23	Slough AQMA	0.6	0.7	0.6	0.2	0.3	0.5	8.7	7.0
AQMA	R24	South Bucks AQMA	0.3	0.4	0.3	0.1	0.2	0.2	8.4	6.7
Human	PR1	New Resi Development to South	1.4	1.5	1.4	0.4	0.6	1.1	9.5	7.6
Human	PR2	New Resi Development to South	1.7	1.7	1.7	0.5	0.7	1.4	9.8	7.9
Human	PR3	New Resi Development to South	1.7	1.8	1.7	0.5	0.7	1.4	9.8	7.9
Human	PR4	New Resi Development to South	1.7	1.7	1.7	0.5	0.7	1.3	9.8	7.8
Human	PR5	New Resi Development to South	1.7	1.7	1.7	0.5	0.6	1.3	9.8	7.8
Human	PR6	New Resi Development to South	1.7	1.7	1.7	0.5	0.6	1.3	9.8	7.8
Human	PR7	New Resi Development to South	1.6	1.6	1.6	0.5	0.6	1.3	9.7	7.7
Human	PR8	New Resi Development to South	1.4	1.5	1.4	0.4	0.6	1.2	9.5	7.6
Human	PR9	New Resi Development to South	1.2	1.2	1.2	0.3	0.5	1.0	9.3	7.4
Human	PR10	New Resi Development to South	1.2	1.2	1.2	0.3	0.5	0.9	9.3	7.4

* The results of the SO₂ modelling (PC) have not been adjusted for the number of operational hours per annum (107) in this scenario and are based on 100th percentile outputs, thus representing a highly unlikely worst case result.

** Inclusive of background concentration (8.1 µg/m³) sourced from Defra 2001 background maps for grid square encompassing the Site.

Note: Given that impacts relating to maximum modelled SO₂ PCs are all <0.1% of the objective and/or <10% of the short-term standard at all modelled discrete receptors in the ‘Worst Case’ Emergency scenario model, whereby the results for SO₂ have not been adjusted for the number of operational hours per annum in this scenario (107), there was no need to repeat the modelling for the ‘Most Likely’ Testing scenario (15 hours of operation per annum), as the impacts would remain insignificant.

Table A15 – NOx Annual Mean Impact – Standalone (Units: µg/m³ unless stated)

Receptor Type	Report Ref	Details	Max of 5 Years	Testing Only (15Hrs)	PC%	Testing (15) +Emergency (92)-Total 107 hours	PC%
Eco	E1	Railway Triangle	10.14	0.017366096	0.06	0.12	0.41
Eco	E4	Upton Court Park	12.38	0.021195377	0.07	0.15	0.50
Eco	E7	Herschel Park	14.84	0.025413185	0.08	0.18	0.60
Eco	E8	Burnham Beeches	0.87	0.001484178	0.00	0.01	0.04
Eco	E9	Black Park SSSI	5.38	0.009215925	0.03	0.07	0.22
Eco	E10	Burnham Beeches	1.48	0.002528425	0.01	0.02	0.06
Eco	E11	Stoke Common SSSI	2.32	0.003966267	0.01	0.03	0.09
Eco	E12	South West London Waterbodies	1.74	0.002979966	0.01	0.02	0.07
Eco	E13	Windsor Forest & Great Park	3.08	0.005282192	0.02	0.04	0.13

Table A16 – NOx Annual Mean Impact – In-Combination (Units: µg/m³ unless stated)

Receptor Type	Report Ref	Details	Max of 5 Years	Testing Only (15Hrs)	PC%	Testing (15) +Emergency (92)-Total 107 hours	PC%
Eco	E1	Railway Triangle	17.64	0.03	0.1	0.2	0.7
Eco	E4	Upton Court Park	23.23	0.04	0.1	0.3	0.9
Eco	E7	Herschel Park	26.31	0.05	0.2	0.3	1.1
Eco	E8	Burnham Beeches	1.79	0.00	<0.1	0.0	0.1
Eco	E9	Black Park SSSI	9.82	0.02	0.1	0.1	0.4
Eco	E10	Burnham Beeches	2.84	0.00	<0.1	0.0	0.1
Eco	E11	Stoke Common SSSI	4.29	0.01	<0.1	0.1	0.2
Eco	E12	South West London Waterbodies	3.53	0.01	<0.1	0.0	0.1
Eco	E13	Windsor Forest & Great Park	5.84	0.01	<0.1	0.1	0.2

Table A17 – NOx Daily Mean Impact – Standalone (Units: µg/m³ unless stated)

Receptor Type	Report Ref	Details	Max of 5 years	1hour to 24 hours**	PC%	BG	PEC	PEC%*
Eco	E1	Railway Triangle	172.2	101.6	50.8	27.8	157.2	78.6
Eco	E4	Upton Court Park	194.8	114.9	57.5	25.5	165.9	83.0
Eco	E7	Herschel Park	175.1	103.3	51.7	28.9	161.1	80.6
Eco	E8	Burnham Beeches	25.6	15.1	7.6	15.9	46.9	23.5
Eco	E9	Black Park SSSI	47.8	28.2	14.1	18.9	66.0	33.0
Eco	E10	Burnham Beeches	34.7	20.5	10.2	16.7	53.9	26.9
Eco	E11	Stoke Common SSSI	36.5	21.5	10.8	17.9	57.3	28.7
Eco	E12	South West London Waterbodies	41.2	24.3	12.1	18.8	61.9	30.9
Eco	E13	Windsor Forest & Great Park	45.7	26.9	13.5	18.3	63.5	31.8

*- Daily Critical Level of 200 applied to all receptors as per Table 2.1 of IAQM's A guide to the assessment of air quality impacts on designated nature conservation sites

** - Conversion from 1-hour mean to 24-hour mean as per Environment Agency guidance: <https://www.gov.uk/guidance/air-emissions-risk-assessment-for-your-environmental-permit> and factored for operating hours (107/8760)

Table A17 – NOx Daily Mean Impact – In-Combination (Units: µg/m³ unless stated)

Receptor Type	Report Ref	Details	Max of 5 years	1hour to 24 hours**	PC%	BG	PEC	PEC%*
Eco	E1	Railway Triangle	275.4	162.5	81.2	27.8	218.1	109.0
Eco	E4	Upton Court Park	318.1	187.7	93.8	25.5	238.7	119.3
Eco	E7	Herschel Park	278.9	164.6	82.3	28.9	222.4	111.2
Eco	E8	Burnham Beeches	39.6	23.4	11.7	15.9	55.2	27.6
Eco	E9	Black Park SSSI	77.7	45.9	22.9	18.9	83.7	41.8
Eco	E10	Burnham Beeches	54.1	31.9	15.9	16.7	65.3	32.6
Eco	E11	Stoke Common SSSI	59.2	34.9	17.5	17.9	70.7	35.4
Eco	E12	South West London Waterbodies	69.3	40.9	20.4	18.8	78.5	39.2
Eco	E13	Windsor Forest & Great Park	78.3	46.2	23.1	18.3	82.8	41.4

*- Daily Critical Level of 200 applied to all receptors as per Table 2.1 of IAQM's A guide to the assessment of air quality impacts on designated nature conservation sites

** - Conversion from 1-hour mean to 24-hour mean as per Environment Agency guidance: <https://www.gov.uk/guidance/air-emissions-risk-assessment-for-your-environmental-permit> and factored for operating hours (107/8760)