

REPORT

Boston Alternative Energy Facility – Environmental Statement

Appendix 14.3 Tabulated Assessment Results

Client: Alternative Use Boston Projects Ltd

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Classification

Project related

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Construction Phase Results

Construction Phase (2021)												
CO												
Sensitive Human Receptor	8-hour Mean						1-hour Mean					
	Project PC (µg.m-3)	Project PC % AQ Criterion	Biomass UK No.3 Ltd PC (µg.m-3)	Background (µg.m-3)	Project PEC (µg.m-3)	PEC % AQ Criterion	Project PC (µg.m-3)	Project PC % AQ Criterion	Biomass UK No.3 Ltd PC (µg.m-3)	Background (µg.m-3)	Project PEC (µg.m-3)	PEC % AQ Criterion
R1	0.000005	0.0%	2.00	506.00	508.00	5.1%	0.00001	0.0%	5.20	506.00	511.20	1.7%
R2	0.000008	0.0%	1.50	524.00	525.50	5.3%	0.00001	0.0%	4.70	524.00	528.70	1.8%
R3	0.000024	0.0%	1.70	532.00	533.70	5.3%	0.00003	0.0%	5.30	532.00	537.30	1.8%
R4	0.000011	0.0%	1.80	512.00	513.80	5.1%	0.00001	0.0%	4.80	512.00	516.80	1.7%
R5	0.000010	0.0%	1.80	512.00	513.80	5.1%	0.00001	0.0%	5.00	512.00	517.00	1.7%
R6	0.000008	0.0%	2.20	512.00	514.20	5.1%	0.00001	0.0%	5.30	512.00	517.30	1.7%
R7	0.000006	0.0%	1.70	512.00	513.70	5.1%	0.00001	0.0%	4.90	512.00	516.90	1.7%
R8	0.000005	0.0%	1.40	480.00	481.40	4.8%	0.00001	0.0%	5.60	480.00	485.60	1.6%
R9	0.000003	0.0%	1.50	496.00	497.50	5.0%	0.00001	0.0%	4.40	496.00	500.40	1.7%
R10	0.000004	0.0%	1.70	506.00	507.70	5.1%	0.00001	0.0%	5.10	506.00	511.10	1.7%
R11	0.000005	0.0%	1.90	506.00	507.90	5.1%	0.00001	0.0%	4.50	506.00	510.50	1.7%
R12	0.000011	0.0%	0.94	534.00	534.94	5.3%	0.00002	0.0%	4.40	534.00	538.40	1.8%
R13	0.000011	0.0%	1.50	524.00	525.50	5.3%	0.00002	0.0%	4.70	524.00	528.70	1.8%
R14	0.000005	0.0%	2.00	524.00	526.00	5.3%	0.00001	0.0%	5.20	524.00	529.20	1.8%
R15	0.000005	0.0%	1.90	506.00	507.90	5.1%	0.00001	0.0%	4.50	506.00	510.50	1.7%
R16	0.000011	0.0%	1.80	512.00	513.80	5.1%	0.00002	0.0%	5.00	512.00	517.00	1.7%
R17	0.000005	0.0%	2.00	524.00	526.00	5.3%	0.00001	0.0%	5.20	524.00	529.20	1.8%
R18	0.000006	0.0%	2.00	528.00	530.00	5.3%	0.00001	0.0%	5.20	528.00	533.20	1.8%
R19	0.000007	0.0%	1.50	528.00	529.50	5.3%	0.00001	0.0%	4.70	528.00	532.70	1.8%
R20	0.000007	0.0%	1.50	528.00	529.50	5.3%	0.00001	0.0%	4.70	528.00	532.70	1.8%
R21	0.000006	0.0%	1.50	528.00	529.50	5.3%	0.00001	0.0%	4.70	528.00	532.70	1.8%
R22	0.000005	0.0%	1.50	528.00	529.50	5.3%	0.00001	0.0%	4.70	528.00	532.70	1.8%
R23	0.000008	0.0%	1.50	528.00	529.50	5.3%	0.00001	0.0%	4.70	528.00	532.70	1.8%
R24	0.000007	0.0%	1.50	528.00	529.50	5.3%	0.00001	0.0%	4.70	528.00	532.70	1.8%
R25	0.000008	0.0%	1.50	528.00	529.50	5.3%	0.00002	0.0%	4.70	528.00	532.70	1.8%
R26	0.000008	0.0%	1.50	528.00	529.50	5.3%	0.00001	0.0%	4.70	528.00	532.70	1.8%
R27	0.000010	0.0%	0.94	534.00	534.94	5.3%	0.00002	0.0%	4.40	534.00	538.40	1.8%
R28	0.000010	0.0%	0.94	534.00	534.94	5.3%	0.00002	0.0%	4.40	534.00	538.40	1.8%
R29	0.000006	0.0%	0.94	528.00	528.94	5.3%	0.00001	0.0%	4.40	528.00	532.40	1.8%
R30	0.000009	0.0%	0.94	534.00	534.94	5.3%	0.00002	0.0%	4.40	534.00	538.40	1.8%
R31	0.000009	0.0%	0.94	530.00	530.94	5.3%	0.00001	0.0%	4.40	530.00	534.40	1.8%
R32	0.000006	0.0%	0.94	530.00	530.94	5.3%	0.00001	0.0%	4.40	530.00	534.40	1.8%
R33	0.000007	0.0%	0.94	530.00	530.94	5.3%	0.00002	0.0%	4.40	530.00	534.40	1.8%
R34	0.000005	0.0%	0.94	528.00	528.94	5.3%	0.00001	0.0%	4.40	528.00	532.40	1.8%
R35	0.000007	0.0%	2.20	512.00	514.20	5.1%	0.00001	0.0%	5.30	512.00	517.30	1.7%
R36	0.000020	0.0%	1.70	532.00	533.70	5.3%	0.00002	0.0%	5.30	532.00	537.30	1.8%
R37	0.000011	0.0%	0.94	530.00	530.94	5.3%	0.00002	0.0%	4.40	530.00	534.40	1.8%
R38	0.000005	0.0%	1.50	528.00	529.50	5.3%	0.00001	0.0%	4.70	528.00	532.70	1.8%
R39	0.000005	0.0%	1.50	528.00	529.50	5.3%	0.00001	0.0%	4.70	528.00	532.70	1.8%
UK Air Quality Objective	10000						30000					
Maximum Project PC	0.000024						0.000028					
Maximum Project PC (% AQ Criterion)	0.0%						0.0%					
Maximum Project PEC	534.94						538.40					
Maximum Project PEC (% AQ Criterion)	5.3%						1.8%					

Construction Phase (2021)																	
NO ₂																	
Sensitive Human Receptor	Annual Mean										1-hour Mean (99.79th Percentile)						
	Vessel PC (µg.m-3)	Road PC (µg.m-3)	Project PC (µg.m-3)	Project PC % AQ Criterion	Biomass UK No.3 Ltd PC (µg.m-3)	Background (µg.m-3)	Baseline road contribution (µg.m-3)	Project PEC (µg.m-3)	PEC % AQ Criterion	Significance Descriptor	Project PC (µg.m-3)	Project PC % AQ Criterion	Biomass UK No.3 Ltd PC (µg.m-3)	Background (µg.m-3)	Baseline road contribution (µg.m-3)	Project PEC (µg.m-3)	PEC % AQ Criterion
R1	0.00	0.06	0.06	0.2%	0.24	9.16	1.27	10.73	26.8%	Negligible	0.03	0.0%	6.20	18.31	2.67	27.18	13.6%
R2	0.01	0.07	0.08	0.2%	0.12	11.31	0.76	12.27	30.7%	Negligible	0.04	0.0%	5.70	22.61	1.67	29.98	15.0%
R3	0.05	0.01	0.06	0.1%	0.17	12.44	0.49	13.16	32.9%	Negligible	0.12	0.1%	5.20	24.87	1.01	31.08	15.5%
R4	0.02	0.01	0.03	0.1%	0.27	10.38	0.33	11.01	27.5%	Negligible	0.06	0.0%	5.80	20.76	0.68	27.24	13.6%
R5	0.02	0.01	0.03	0.1%	0.28	10.38	0.26	10.95	27.4%	Negligible	0.05	0.0%	6.00	20.76	0.54	27.30	13.7%
R6	0.01	0.00	0.01	0.0%	0.45	10.38	0.19	11.03	27.6%	Negligible	0.03	0.0%	6.60	20.76	0.38	27.74	13.9%
R7	0.01	0.00	0.01	0.0%	0.32	10.38	0.14	10.85	27.1%	Negligible	0.03	0.0%	5.60	20.76	0.28	26.64	13.3%
R8	0.01	0.00	0.01	0.0%	0.13	7.62	0.09	7.85	19.6%	Negligible	0.03	0.0%	4.30	15.25	0.17	19.72	9.9%
R9	0.00	0.00	0.00	0.0%	0.14	9.08	0.12	9.34	23.4%	Negligible	0.02	0.0%	4.60	18.16	0.24	23.00	11.5%
R10	0.00	0.00	0.00	0.0%	0.19	9.16	0.19	9.54	23.9%	Negligible	0.03	0.0%	5.80	18.31	0.39	24.50	12.3%
R11	0.00	0.01	0.01	0.0%	0.26	9.16	0.30	9.73	24.3%	Negligible	0.03	0.0%	5.50	18.31	0.63	24.44	12.2%
R12	0.00	0.10	0.10	0.3%	0.01	12.08	11.12	23.31	58.3%	Negligible	0.05	0.0%	3.20	24.16	22.44	49.80	24.9%
R13	0.01	0.14	0.15	0.4%	0.12	11.31	2.21	13.79	34.5%	Negligible	0.06	0.0%	5.70	22.61	4.71	33.02	16.5%
R14	0.00	0.06	0.06	0.2%	0.24	11.31	1.35	12.96	32.4%	Negligible	0.03	0.0%	6.20	22.61	2.83	31.64	15.8%
R15	0.00	0.01	0.01	0.0%	0.26	9.16	0.25	9.68	24.2%	Negligible	0.03	0.0%	5.50	18.31	0.53	24.34	12.2%
R16	0.02	0.01	0.03	0.1%	0.28	10.38	0.30	10.99	27.5%	Negligible	0.06	0.0%	6.00	20.76	0.62	27.38	13.7%
R17	0.00	0.00	0.00	0.0%	0.24	11.31	1.00	12.55	31.4%	Negligible	0.03	0.0%	6.20	22.61	2.01	30.82	15.4%
R18	0.00	0.02	0.02	0.1%	0.24	11.60	1.40	13.26	33.2%	Negligible	0.03	0.0%	6.20	23.20	2.84	32.24	16.1%
R19	0.00	0.44	0.44	1.1%	0.12	11.60	22.49	34.65	86.6%	Negligible	0.03	0.0%	5.70	23.20	45.86	74.76	37.4%
R20	0.00	0.33	0.33	0.8%	0.12	11.60	17.72	29.77	74.4%	Negligible	0.03	0.0%	5.70	23.20	36.10	65.00	32.5%
R21	0.00	0.34	0.34	0.9%	0.12	11.60	16.55	28.61	71.5%	Negligible	0.03	0.0%	5.70	23.20	33.78	62.68	31.3%
R22	0.00	0.14	0.14	0.4%	0.12	11.60	5.52	17.38	43.5%	Negligible	0.03	0.0%	5.70	23.20	11.32	40.22	20.1%
R23	0.01	0.06	0.07	0.2%	0.12	11.60	2.21	14.00	35.0%	Negligible	0.04	0.0%	5.70	23.20	4.54	33.44	16.7%
R24	0.00	0.60	0.60	1.5%	0.12	11.60	11.89	24.21	60.5%	Negligible	0.04	0.0%	5.70	23.20	24.98	53.88	26.9%
R25	0.01	0.23	0.24	0.6%	0.12	11.60	4.43	16.39	41.0%	Negligible	0.04	0.0%	5.70	23.20	9.32	38.22	19.1%
R26	0.01	0.12	0.13	0.3%	0.12	11.60	4.74	16.59	41.5%	Negligible	0.04	0.0%	5.70	23.20	9.72	38.62	19.3%
R27	0.00	0.05	0.05	0.1%	0.01	12.08	31.26	43.40	108.5%	Negligible	0.05	0.0%	3.20	24.16	62.62	89.98	45.0%
R28	0.00	0.15	0.15	0.4%	0.01	12.08	36.79	49.03	122.6%	Negligible	0.04	0.0%	3.20	24.16	73.88	101.24	50.6%
R29	0.00	0.29	0.29	0.7%	0.01	11.38	19.74	31.42	78.5%	Negligible	0.03	0.0%	3.20	22.76	40.06	66.02	33.0%
R30	0.00	0.17	0.17	0.4%	0.01	12.08	18.03	30.29	75.7%	Negligible	0.05	0.0%	3.20	24.16	36.40	63.76	31.9%
R31	0.00	0.04	0.04	0.1%	0.01	11.17	27.36	38.58	96.4%	Negligible	0.04	0.0%	3.20	22.33	54.81	80.34	40.2%
R32	0.00	0.24	0.24	0.6%	0.01	11.17	28.37	39.79	99.5%	Slight	0.03	0.0%	3.20	22.33	57.23	82.76	41.4%
R33	0.01	0.14	0.15	0.4%	0.01	11.17	14.22	25.54	63.9%	Negligible	0.04	0.0%	3.20	22.33	28.73	54.26	27.1%
R34	0.05	0.22	0.27	0.7%	0.01	11.38	15.27	26.92	67.3%	Negligible	0.12	0.1%	3.20	22.76	30.98	56.94	28.5%
R35	0.02	0.01	0.03	0.1%	0.45	10.38	0.19	11.05	27.6%	Negligible	0.06	0.0%	6.60	20.76	0.40	27.76	13.9%
R36	0.02	0.01	0.03	0.1%	0.17	12.44	0.67	13.31	33.3%	Negligible	0.10	0.1%	5.20	24.87	1.37	31.44	15.7%
R37	0.01	0.25	0.26	0.6%	0.01	11.17	37.73	49.17	122.9%	Moderate	0.04	0.0%	3.20	22.33	75.97	101.50	50.8%
R38	0.01	0.06	0.07	0.2%	0.12	11.60	6.55	18.34	45.8%	Negligible	0.03	0.0%	5.70	23.20	13.22	42.12	21.1%
R39	0.01	0.07	0.08	0.2%	0.12	11.60	5.37	17.17	42.9%	Negligible	0.03	0.0%	5.70	23.20	10.88	39.78	19.9%
UK Air Quality Objective	40										200						
Maximum Project PC	0.60										0.12						
Maximum Project PC (% AQ Criterion)	1.5%										0.1%						
Maximum Project PEC	49.17										101.50						
Maximum Project PEC (% AQ Criterion)	122.9%										50.8%						

Construction Phase (2021)										
PM _{2.5}										
Annual Mean										
Sensitive Human Receptor	Vessel PC (µg.m-3)	Road PC (µg.m-3)	Project PC (µg.m-3)	Project PC % AQ Criterion	Biomass UK No.3 Ltd PC (µg.m-3)	Background (µg.m-3)	Baseline road contribution (µg.m-3)	Project PEC (µg.m-3)	PEC % AQ Criterion	Impact Descriptor
R1	0.00	0.01	0.01	0.0%	0.02	8.78	0.16	8.97	35.9%	Negligible
R2	0.00	0.01	0.01	0.0%	0.01	9.15	0.09	9.26	37.1%	Negligible
R3	0.01	0.00	0.01	0.0%	0.01	9.00	0.05	9.07	36.3%	Negligible
R4	0.00	0.00	0.00	0.0%	0.02	8.92	0.04	8.98	35.9%	Negligible
R5	0.00	0.00	0.00	0.0%	0.02	8.92	0.03	8.97	35.9%	Negligible
R6	0.00	0.00	0.00	0.0%	0.03	8.92	0.02	8.98	35.9%	Negligible
R7	0.00	0.00	0.00	0.0%	0.02	8.92	0.02	8.96	35.8%	Negligible
R8	0.00	0.00	0.00	0.0%	0.01	8.67	0.01	8.69	34.8%	Negligible
R9	0.00	0.00	0.00	0.0%	0.01	8.63	0.01	8.65	34.6%	Negligible
R10	0.00	0.00	0.00	0.0%	0.01	8.78	0.02	8.82	35.3%	Negligible
R11	0.00	0.00	0.00	0.0%	0.02	8.78	0.04	8.84	35.3%	Negligible
R12	0.00	0.01	0.01	0.0%	0.00	9.41	1.14	10.56	42.3%	Negligible
R13	0.00	0.02	0.02	0.1%	0.01	9.15	0.29	9.46	37.9%	Negligible
R14	0.00	0.01	0.01	0.0%	0.02	9.15	0.17	9.35	37.4%	Negligible
R15	0.00	0.00	0.00	0.0%	0.02	8.78	0.03	8.83	35.3%	Negligible
R16	0.00	0.00	0.00	0.0%	0.02	8.92	0.03	8.98	35.9%	Negligible
R17	0.00	0.00	0.00	0.0%	0.02	9.15	0.13	9.30	37.2%	Negligible
R18	0.00	0.00	0.00	0.0%	0.02	8.94	0.17	9.12	36.5%	Negligible
R19	0.00	0.04	0.04	0.2%	0.01	8.94	2.41	11.40	45.6%	Negligible
R20	0.00	0.03	0.03	0.1%	0.01	8.94	1.87	10.85	43.4%	Negligible
R21	0.00	0.03	0.03	0.1%	0.01	8.94	1.74	10.72	42.9%	Negligible
R22	0.00	0.01	0.02	0.1%	0.01	8.94	0.60	9.56	38.2%	Negligible
R23	0.00	0.01	0.01	0.0%	0.01	8.94	0.25	9.20	36.8%	Negligible
R24	0.00	0.06	0.06	0.2%	0.01	8.94	1.25	10.26	41.0%	Negligible
R25	0.00	0.03	0.03	0.1%	0.01	8.94	0.54	9.51	38.1%	Negligible
R26	0.00	0.01	0.01	0.1%	0.01	8.94	0.54	9.50	38.0%	Negligible
R27	0.00	0.02	0.02	0.1%	0.00	9.41	3.52	12.95	51.8%	Negligible
R28	0.00	0.01	0.01	0.1%	0.00	9.41	3.60	13.03	52.1%	Negligible
R29	0.00	0.03	0.03	0.1%	0.00	9.13	2.02	11.19	44.7%	Negligible
R30	0.00	0.02	0.02	0.1%	0.00	9.41	1.97	11.41	45.6%	Negligible
R31	0.00	0.01	0.01	0.1%	0.00	9.03	3.38	12.43	49.7%	Negligible
R32	0.00	0.03	0.03	0.1%	0.00	9.03	3.06	12.12	48.5%	Negligible
R33	0.00	0.01	0.01	0.1%	0.00	9.03	1.44	10.49	42.0%	Negligible
R34	0.00	0.02	0.02	0.1%	0.00	9.13	1.50	10.66	42.6%	Negligible
R35	0.00	0.00	0.00	0.0%	0.03	8.92	0.02	8.98	35.9%	Negligible
R36	0.00	0.00	0.00	0.0%	0.01	9.00	0.07	9.09	36.4%	Negligible
R37	0.00	0.04	0.04	0.2%	0.00	9.03	4.31	13.38	53.5%	Negligible
R38	0.00	0.01	0.01	0.0%	0.01	8.94	0.71	9.66	38.6%	Negligible
R39	0.00	0.01	0.01	0.0%	0.01	8.94	0.75	9.71	38.8%	Negligible
UK Air Quality Target	25									
Maximum Project PC	0.06									
Maximum Project PC (% AQ Criterion)	0.2%									
Maximum Project PEC	13.38									
Maximum PEC (% AQ Criterion)	53.5%									

Construction Phase (2021)																	
PM ₁₀																	
Sensitive Human Receptor	Annual Mean										24-hour Mean (90.41th Percentile)						
	Vessel PC (µg.m-3)	Road PC (µg.m-3)	Project PC (µg.m-3)	Project PC % AQ Criterion	Biomass UK No.3 Ltd PC (µg.m-3)	Background (µg.m-3)	Baseline road contribution (µg.m-3)	Project PEC (µg.m-3)	PEC % AQ Criterion	Significance Descriptor	Project PC (µg.m-3)	Project PC % AQ Criterion	Biomass UK No.3 Ltd PC (µg.m-3)	Background (µg.m-3)	Baseline road contribution (µg.m-3)	Project PEC (µg.m-3)	PEC % AQ Criterion
R1	0.00	0.01	0.01	0.0%	0.02	15.93	0.29	16.24	40.6%	Negligible	0.002	0.0%	0.07	31.85	0.60	32.52	65.0%
R2	0.00	0.02	0.02	0.0%	0.01	16.31	0.17	16.50	41.3%	Negligible	0.003	0.0%	0.03	32.62	0.36	33.02	66.0%
R3	0.01	0.00	0.01	0.0%	0.01	14.36	0.10	14.48	36.2%	Negligible	0.016	0.0%	0.04	28.72	0.20	28.97	57.9%
R4	0.00	0.00	0.00	0.0%	0.02	15.51	0.06	15.60	39.0%	Negligible	0.005	0.0%	0.07	31.02	0.13	31.22	62.4%
R5	0.00	0.00	0.00	0.0%	0.02	15.51	0.05	15.59	39.0%	Negligible	0.004	0.0%	0.07	31.02	0.11	31.20	62.4%
R6	0.00	0.00	0.00	0.0%	0.03	15.51	0.04	15.58	38.9%	Negligible	0.002	0.0%	0.10	31.02	0.07	31.20	62.4%
R7	0.00	0.00	0.00	0.0%	0.02	15.51	0.03	15.56	38.9%	Negligible	0.002	0.0%	0.08	31.02	0.06	31.16	62.3%
R8	0.00	0.00	0.00	0.0%	0.01	15.73	0.02	15.75	39.4%	Negligible	0.001	0.0%	0.04	31.46	0.03	31.52	63.0%
R9	0.00	0.00	0.00	0.0%	0.01	15.47	0.02	15.50	38.8%	Negligible	0.001	0.0%	0.04	30.93	0.05	31.02	62.0%
R10	0.00	0.00	0.00	0.0%	0.01	15.93	0.04	15.98	39.9%	Negligible	0.001	0.0%	0.05	31.85	0.08	31.98	64.0%
R11	0.00	0.00	0.00	0.0%	0.02	15.93	0.06	16.01	40.0%	Negligible	0.001	0.0%	0.07	31.85	0.13	32.05	64.1%
R12	0.00	0.02	0.02	0.1%	0.00	14.96	1.95	16.94	42.4%	Negligible	0.002	0.0%	0.01	29.92	3.95	33.89	67.8%
R13	0.00	0.03	0.03	0.1%	0.01	16.31	0.50	16.85	42.1%	Negligible	0.003	0.0%	0.03	32.62	1.07	33.72	67.4%
R14	0.00	0.01	0.01	0.0%	0.02	16.31	0.31	16.65	41.6%	Negligible	0.002	0.0%	0.07	32.62	0.64	33.33	66.7%
R15	0.00	0.00	0.00	0.0%	0.02	15.93	0.05	16.00	40.0%	Negligible	0.001	0.0%	0.07	31.85	0.11	32.03	64.1%
R16	0.00	0.00	0.00	0.0%	0.02	15.51	0.06	15.59	39.0%	Negligible	0.005	0.0%	0.07	31.02	0.12	31.21	62.4%
R17	0.00	0.00	0.00	0.0%	0.02	16.31	0.22	16.55	41.4%	Negligible	0.002	0.0%	0.07	32.62	0.44	33.13	66.3%
R18	0.00	0.00	0.01	0.0%	0.02	14.94	0.29	15.25	38.1%	Negligible	0.002	0.0%	0.07	29.87	0.59	30.54	61.1%
R19	0.00	0.07	0.07	0.2%	0.01	14.94	4.13	19.15	47.9%	Negligible	0.002	0.0%	0.03	29.87	8.41	38.32	76.6%
R20	0.00	0.05	0.05	0.1%	0.01	14.94	3.21	18.21	45.5%	Negligible	0.002	0.0%	0.03	29.87	6.54	36.44	72.9%
R21	0.00	0.05	0.05	0.1%	0.01	14.94	2.99	17.99	45.0%	Negligible	0.002	0.0%	0.03	29.87	6.09	36.00	72.0%
R22	0.00	0.02	0.03	0.1%	0.01	14.94	1.04	16.01	40.0%	Negligible	0.002	0.0%	0.03	29.87	2.13	32.03	64.1%
R23	0.00	0.01	0.01	0.0%	0.01	14.94	0.43	15.39	38.5%	Negligible	0.003	0.0%	0.03	29.87	0.88	30.79	61.6%
R24	0.00	0.10	0.10	0.3%	0.01	14.94	2.15	17.20	43.0%	Negligible	0.002	0.0%	0.03	29.87	4.50	34.41	68.8%
R25	0.00	0.05	0.05	0.1%	0.01	14.94	0.94	15.94	39.8%	Negligible	0.003	0.0%	0.03	29.87	1.98	31.89	63.8%
R26	0.00	0.02	0.02	0.1%	0.01	14.94	0.94	15.91	39.8%	Negligible	0.002	0.0%	0.03	29.87	1.93	31.83	63.7%
R27	0.00	0.05	0.05	0.1%	0.00	14.96	6.03	21.05	52.6%	Negligible	0.001	0.0%	0.01	29.92	12.17	42.10	84.2%
R28	0.00	0.01	0.01	0.0%	0.00	14.96	6.06	21.04	52.6%	Negligible	0.001	0.0%	0.01	29.92	12.14	42.07	84.1%
R29	0.00	0.06	0.06	0.2%	0.00	14.44	3.46	17.97	44.9%	Negligible	0.001	0.0%	0.01	28.88	7.04	35.93	71.9%
R30	0.00	0.04	0.04	0.1%	0.00	14.96	3.39	18.40	46.0%	Negligible	0.001	0.0%	0.01	29.92	6.86	36.79	73.6%
R31	0.00	0.05	0.05	0.1%	0.00	14.38	5.86	20.29	50.7%	Negligible	0.001	0.0%	0.01	28.75	11.82	40.58	81.2%
R32	0.00	0.06	0.06	0.1%	0.00	14.38	5.23	19.67	49.2%	Negligible	0.001	0.0%	0.01	28.75	10.58	39.34	78.7%
R33	0.00	0.03	0.03	0.1%	0.00	14.38	2.47	16.88	42.2%	Negligible	0.003	0.0%	0.01	28.75	4.99	33.76	67.5%
R34	0.00	0.03	0.03	0.1%	0.00	14.44	2.56	17.03	42.6%	Negligible	0.016	0.0%	0.01	28.88	5.18	34.08	68.2%
R35	0.00	0.00	0.00	0.0%	0.03	15.51	0.04	15.58	39.0%	Negligible	0.005	0.0%	0.10	31.02	0.08	31.20	62.4%
R36	0.00	0.00	0.01	0.0%	0.01	14.36	0.13	14.50	36.3%	Negligible	0.010	0.0%	0.04	28.72	0.26	29.03	58.1%
R37	0.00	0.07	0.07	0.2%	0.00	14.38	7.38	21.83	54.6%	Negligible	0.002	0.0%	0.01	28.75	14.89	43.66	87.3%
R38	0.00	0.01	0.01	0.0%	0.01	14.94	1.22	16.18	40.4%	Negligible	0.002	0.0%	0.03	29.87	2.46	32.37	64.7%
R39	0.00	0.02	0.02	0.0%	0.01	14.94	1.32	16.29	40.7%	Negligible	0.001	0.0%	0.03	29.87	2.68	32.59	65.2%
UK Air Quality Objective	40										50						
Maximum Project PC	0.10										0.016						
Maximum Project PC (% AQ Criterion)	0.3%										0.0%						
Maximum Project PEC	21.83										43.66						
Maximum PEC (% AQ Criterion)	54.6%										87.3%						

Construction Phase (2021)																		
SO ₂																		
Sensitive Human Receptor	1-hour Mean (99.73th Percentile)						24-hour Mean (99.18th Percentile)						15-min Mean (99.9th Percentile)					
	Project PC (µg.m-3)	Project PC % AQ Criterion	Biomass UK No.3 Ltd PC (µg.m-3)	Background (µg.m-3)	Project PEC (µg.m-3)	PEC % AQ Criterion	Project PC (µg.m-3)	Project PC % AQ Criterion	Biomass UK No.3 Ltd PC (µg.m-3)	Background (µg.m-3)	Project PEC (µg.m-3)	PEC % AQ Criterion	Project PC (µg.m-3)	Project PC % AQ Criterion	Biomass UK No.3 Ltd PC (µg.m-3)	Background (µg.m-3)	Project PEC (µg.m-3)	PEC % AQ Criterion
R1	0.003	0.0%	8.40	4.82	13.22	3.8%	0.001	0.0%	0.98	4.82	5.80	4.6%	0.004	0.0%	12.10	4.82	16.92	6.4%
R2	0.004	0.0%	7.80	4.50	12.30	3.5%	0.002	0.0%	0.54	4.50	5.04	4.0%	0.005	0.0%	11.30	4.50	15.80	5.9%
R3	0.010	0.0%	7.20	5.50	12.71	3.6%	0.007	0.0%	0.69	5.50	6.20	5.0%	0.011	0.0%	10.20	5.50	15.71	5.9%
R4	0.005	0.0%	8.20	5.42	13.62	3.9%	0.003	0.0%	0.92	5.42	6.34	5.1%	0.006	0.0%	11.70	5.42	17.13	6.4%
R5	0.004	0.0%	8.30	5.42	13.72	3.9%	0.002	0.0%	0.80	5.42	6.22	5.0%	0.006	0.0%	11.90	5.42	17.33	6.5%
R6	0.003	0.0%	9.10	5.42	14.52	4.1%	0.001	0.0%	1.20	5.42	6.62	5.3%	0.005	0.0%	13.00	5.42	18.42	6.9%
R7	0.003	0.0%	7.70	5.42	13.12	3.7%	0.001	0.0%	0.81	5.42	6.23	5.0%	0.004	0.0%	11.50	5.42	16.92	6.4%
R8	0.002	0.0%	5.60	7.22	12.82	3.7%	0.001	0.0%	0.42	7.22	7.64	6.1%	0.004	0.0%	9.20	7.22	16.42	6.2%
R9	0.002	0.0%	6.40	6.66	13.06	3.7%	0.001	0.0%	0.64	6.66	7.30	5.8%	0.003	0.0%	10.10	6.66	16.76	6.3%
R10	0.002	0.0%	7.90	4.82	12.72	3.6%	0.001	0.0%	0.73	4.82	5.55	4.4%	0.003	0.0%	11.70	4.82	16.52	6.2%
R11	0.002	0.0%	7.80	4.82	12.62	3.6%	0.001	0.0%	1.00	4.82	5.82	4.7%	0.004	0.0%	10.90	4.82	15.72	5.9%
R12	0.004	0.0%	4.40	4.64	9.04	2.6%	0.001	0.0%	0.39	4.64	5.03	4.0%	0.006	0.0%	6.50	4.64	11.15	4.2%
R13	0.005	0.0%	7.80	4.50	12.30	3.5%	0.002	0.0%	0.54	4.50	5.04	4.0%	0.005	0.0%	11.30	4.50	15.81	5.9%
R14	0.003	0.0%	8.40	4.50	12.90	3.7%	0.001	0.0%	0.98	4.50	5.48	4.4%	0.004	0.0%	12.10	4.50	16.60	6.2%
R15	0.002	0.0%	7.80	4.82	12.62	3.6%	0.001	0.0%	1.00	4.82	5.82	4.7%	0.003	0.0%	10.90	4.82	15.72	5.9%
R16	0.005	0.0%	8.30	5.42	13.72	3.9%	0.002	0.0%	0.80	5.42	6.22	5.0%	0.006	0.0%	11.90	5.42	17.33	6.5%
R17	0.002	0.0%	8.40	4.50	12.90	3.7%	0.001	0.0%	0.98	4.50	5.48	4.4%	0.003	0.0%	12.10	4.50	16.60	6.2%
R18	0.003	0.0%	8.40	4.40	12.80	3.7%	0.001	0.0%	0.98	4.40	5.38	4.3%	0.004	0.0%	12.10	4.40	16.50	6.2%
R19	0.003	0.0%	7.80	4.40	12.20	3.5%	0.001	0.0%	0.54	4.40	4.94	4.0%	0.004	0.0%	11.30	4.40	15.70	5.9%
R20	0.003	0.0%	7.80	4.40	12.20	3.5%	0.002	0.0%	0.54	4.40	4.94	4.0%	0.004	0.0%	11.30	4.40	15.70	5.9%
R21	0.003	0.0%	7.80	4.40	12.20	3.5%	0.001	0.0%	0.54	4.40	4.94	4.0%	0.004	0.0%	11.30	4.40	15.70	5.9%
R22	0.003	0.0%	7.80	4.40	12.20	3.5%	0.001	0.0%	0.54	4.40	4.94	4.0%	0.004	0.0%	11.30	4.40	15.70	5.9%
R23	0.003	0.0%	7.80	4.40	12.20	3.5%	0.002	0.0%	0.54	4.40	4.94	4.0%	0.004	0.0%	11.30	4.40	15.70	5.9%
R24	0.003	0.0%	7.80	4.40	12.20	3.5%	0.002	0.0%	0.54	4.40	4.94	4.0%	0.004	0.0%	11.30	4.40	15.70	5.9%
R25	0.004	0.0%	7.80	4.40	12.20	3.5%	0.002	0.0%	0.54	4.40	4.94	4.0%	0.004	0.0%	11.30	4.40	15.70	5.9%
R26	0.003	0.0%	7.80	4.40	12.20	3.5%	0.002	0.0%	0.54	4.40	4.94	4.0%	0.004	0.0%	11.30	4.40	15.70	5.9%
R27	0.004	0.0%	4.40	4.64	9.04	2.6%	0.001	0.0%	0.39	4.64	5.03	4.0%	0.006	0.0%	6.50	4.64	11.15	4.2%
R28	0.004	0.0%	4.40	4.64	9.04	2.6%	0.001	0.0%	0.39	4.64	5.03	4.0%	0.006	0.0%	6.50	4.64	11.15	4.2%
R29	0.002	0.0%	4.40	5.10	9.50	2.7%	0.001	0.0%	0.39	5.10	5.49	4.4%	0.003	0.0%	6.50	5.10	11.60	4.4%
R30	0.004	0.0%	4.40	4.64	9.04	2.6%	0.001	0.0%	0.39	4.64	5.03	4.0%	0.006	0.0%	6.50	4.64	11.15	4.2%
R31	0.003	0.0%	4.40	4.90	9.30	2.7%	0.001	0.0%	0.39	4.90	5.29	4.2%	0.005	0.0%	6.50	4.90	11.41	4.3%
R32	0.003	0.0%	4.40	4.90	9.30	2.7%	0.001	0.0%	0.39	4.90	5.29	4.2%	0.004	0.0%	6.50	4.90	11.40	4.3%
R33	0.003	0.0%	4.40	4.90	9.30	2.7%	0.001	0.0%	0.39	4.90	5.29	4.2%	0.004	0.0%	6.50	4.90	11.40	4.3%
R34	0.002	0.0%	4.40	5.10	9.50	2.7%	0.001	0.0%	0.39	5.10	5.49	4.4%	0.004	0.0%	6.50	5.10	11.60	4.4%
R35	0.003	0.0%	9.10	5.42	14.52	4.1%	0.001	0.0%	1.20	5.42	6.62	5.3%	0.005	0.0%	13.00	5.42	18.42	6.9%
R36	0.009	0.0%	7.20	5.50	12.71	3.6%	0.006	0.0%	0.69	5.50	6.20	5.0%	0.009	0.0%	10.20	5.50	15.71	5.9%
R37	0.004	0.0%	4.40	4.90	9.30	2.7%	0.001	0.0%	0.39	4.90	5.29	4.2%	0.006	0.0%	6.50	4.90	11.41	4.3%
R38	0.003	0.0%	7.80	4.40	12.20	3.5%	0.001	0.0%	0.54	4.40	4.94	4.0%	0.004	0.0%	11.30	4.40	15.70	5.9%
R39	0.002	0.0%	7.80	4.40	12.20	3.5%	0.001	0.0%	0.54	4.40	4.94	4.0%	0.003	0.0%	11.30	4.40	15.70	5.9%
UK Air Quality Objective	350						125						266					
Maximum Project PC	0.010						0.007						0.011					
Maximum Project PC (% AQ Criterion)	0.0%						0.0%						0.0%					
Maximum Project PEC	14.52						7.64						18.42					
Maximum PEC (% AQ Criterion)	4.1%						6.1%						6.9%					



Operational Phase Results

Operational Phase (2025)																		
Sensitive Human Receptor	Cd									As								
	Annual Mean									Annual Mean								
	EfW PC (ug/m3)	LWA PC (ug/m3)	Project PC (ug/m3)	PC % AQ Criterion	Biomass UK No.3 Ltd PC (ug/m3)	Background (ug/m3)	Project PEC (ug/m3)	PEC % AQ Criterion	Impact Descriptor	EfW PC (ug/m3)	LWA PC (ug/m3)	Project PC (ug/m3)	PC % AQ Criterion	Biomass UK No.3 Ltd PC (ug/m3)	Background (ug/m3)	Project PEC (ug/m3)	PEC % AQ Criterion	Impact Descriptor
R1	0.00	0.00	0.00	4%	0.00	0.00	0.00	9%	Negligible	0.00	0.00	0.00	2%	0.00	0.00	0.00	40%	Negligible
R2	0.00	0.00	0.00	3%	0.00	0.00	0.00	8%	Negligible	0.00	0.00	0.00	2%	0.00	0.00	0.00	40%	Negligible
R3	0.00	0.00	0.00	4%	0.00	0.00	0.00	9%	Negligible	0.00	0.00	0.00	2%	0.00	0.00	0.00	40%	Negligible
R4	0.00	0.00	0.00	8%	0.00	0.00	0.00	14%	Slight	0.00	0.00	0.00	5%	0.00	0.00	0.00	43%	Negligible
R5	0.00	0.00	0.00	13%	0.00	0.00	0.00	19%	Moderate	0.00	0.00	0.00	8%	0.00	0.00	0.00	46%	Slight
R6	0.00	0.00	0.00	16%	0.00	0.00	0.00	21%	Moderate	0.00	0.00	0.00	10%	0.00	0.00	0.00	48%	Slight
R7	0.00	0.00	0.00	14%	0.00	0.00	0.00	20%	Moderate	0.00	0.00	0.00	9%	0.00	0.00	0.00	47%	Slight
R8	0.00	0.00	0.00	6%	0.00	0.00	0.00	12%	Slight	0.00	0.00	0.00	4%	0.00	0.00	0.00	42%	Negligible
R9	0.00	0.00	0.00	3%	0.00	0.00	0.00	9%	Negligible	0.00	0.00	0.00	2%	0.00	0.00	0.00	40%	Negligible
R10	0.00	0.00	0.00	4%	0.00	0.00	0.00	10%	Negligible	0.00	0.00	0.00	3%	0.00	0.00	0.00	41%	Negligible
R11	0.00	0.00	0.00	4%	0.00	0.00	0.00	9%	Negligible	0.00	0.00	0.00	2%	0.00	0.00	0.00	41%	Negligible
R12	0.00	0.00	0.00	2%	0.00	0.00	0.00	7%	Negligible	0.00	0.00	0.00	1%	0.00	0.00	0.00	39%	Negligible
R13	0.00	0.00	0.00	3%	0.00	0.00	0.00	9%	Negligible	0.00	0.00	0.00	2%	0.00	0.00	0.00	40%	Negligible
R14	0.00	0.00	0.00	4%	0.00	0.00	0.00	10%	Negligible	0.00	0.00	0.00	3%	0.00	0.00	0.00	41%	Negligible
R15	0.00	0.00	0.00	5%	0.00	0.00	0.00	10%	Negligible	0.00	0.00	0.00	3%	0.00	0.00	0.00	41%	Negligible
R16	0.00	0.00	0.00	10%	0.00	0.00	0.00	16%	Slight	0.00	0.00	0.00	7%	0.00	0.00	0.00	45%	Slight
R17	0.00	0.00	0.00	5%	0.00	0.00	0.00	10%	Negligible	0.00	0.00	0.00	3%	0.00	0.00	0.00	41%	Negligible
R18	0.00	0.00	0.00	4%	0.00	0.00	0.00	9%	Negligible	0.00	0.00	0.00	2%	0.00	0.00	0.00	40%	Negligible
R19	0.00	0.00	0.00	2%	0.00	0.00	0.00	8%	Negligible	0.00	0.00	0.00	2%	0.00	0.00	0.00	40%	Negligible
R20	0.00	0.00	0.00	2%	0.00	0.00	0.00	8%	Negligible	0.00	0.00	0.00	1%	0.00	0.00	0.00	40%	Negligible
R21	0.00	0.00	0.00	2%	0.00	0.00	0.00	8%	Negligible	0.00	0.00	0.00	2%	0.00	0.00	0.00	40%	Negligible
R22	0.00	0.00	0.00	3%	0.00	0.00	0.00	8%	Negligible	0.00	0.00	0.00	2%	0.00	0.00	0.00	40%	Negligible
R23	0.00	0.00	0.00	3%	0.00	0.00	0.00	8%	Negligible	0.00	0.00	0.00	2%	0.00	0.00	0.00	40%	Negligible
R24	0.00	0.00	0.00	3%	0.00	0.00	0.00	8%	Negligible	0.00	0.00	0.00	2%	0.00	0.00	0.00	40%	Negligible
R25	0.00	0.00	0.00	3%	0.00	0.00	0.00	8%	Negligible	0.00	0.00	0.00	2%	0.00	0.00	0.00	40%	Negligible
R26	0.00	0.00	0.00	3%	0.00	0.00	0.00	8%	Negligible	0.00	0.00	0.00	2%	0.00	0.00	0.00	40%	Negligible
R27	0.00	0.00	0.00	1%	0.00	0.00	0.00	7%	Negligible	0.00	0.00	0.00	1%	0.00	0.00	0.00	39%	Negligible
R28	0.00	0.00	0.00	1%	0.00	0.00	0.00	7%	Negligible	0.00	0.00	0.00	1%	0.00	0.00	0.00	39%	Negligible
R29	0.00	0.00	0.00	2%	0.00	0.00	0.00	7%	Negligible	0.00	0.00	0.00	1%	0.00	0.00	0.00	39%	Negligible
R30	0.00	0.00	0.00	1%	0.00	0.00	0.00	7%	Negligible	0.00	0.00	0.00	1%	0.00	0.00	0.00	39%	Negligible
R31	0.00	0.00	0.00	1%	0.00	0.00	0.00	7%	Negligible	0.00	0.00	0.00	1%	0.00	0.00	0.00	39%	Negligible
R32	0.00	0.00	0.00	2%	0.00	0.00	0.00	7%	Negligible	0.00	0.00	0.00	1%	0.00	0.00	0.00	39%	Negligible
R33	0.00	0.00	0.00	2%	0.00	0.00	0.00	7%	Negligible	0.00	0.00	0.00	1%	0.00	0.00	0.00	39%	Negligible
R34	0.00	0.00	0.00	2%	0.00	0.00	0.00	7%	Negligible	0.00	0.00	0.00	1%	0.00	0.00	0.00	39%	Negligible
R35	0.00	0.00	0.00	18%	0.00	0.00	0.00	24%	Moderate	0.00	0.00	0.00	11%	0.00	0.00	0.00	50%	Moderate
R36	0.00	0.00	0.00	3%	0.00	0.00	0.00	8%	Negligible	0.00	0.00	0.00	2%	0.00	0.00	0.00	40%	Negligible
R37	0.00	0.00	0.00	1%	0.00	0.00	0.00	7%	Negligible	0.00	0.00	0.00	1%	0.00	0.00	0.00	39%	Negligible
R38	0.00	0.00	0.00	2%	0.00	0.00	0.00	8%	Negligible	0.00	0.00	0.00	2%	0.00	0.00	0.00	40%	Negligible
R39	0.00	0.00	0.00	3%	0.00	0.00	0.00	9%	Negligible	0.00	0.00	0.00	2%	0.00	0.00	0.00	40%	Negligible
EU AAD Target Value	0.005									0.006								
Maximum Project PC	0.0009									0.0007								
Maximum Project PC (% AQ Criterion)	18%									11%								
Maximum Project PEC	0.0012									0.0030								
Maximum PEC (% AQ Criterion)	24%									50%								

Operational Phase (2025)												
CO												
Sensitive Human Receptor	8-hour Mean						1-hour Mean					
	Max modelled PC (ug/m3)	PC % AQ Criterion	Biomass UK No.3 Ltd PC (ug/m3)	Background (ug/m3)	Project PEC (ug/m3)	PEC % AQ Criterion	Max modelled PC (ug/m3)	PC % AQ Criterion	Biomass UK No.3 Ltd PC (ug/m3)	Background (ug/m3)	Project PEC (ug/m3)	PEC % AQ Criterion
R1	16.3	0%	2.0	506.0	524.3	5%	23.0	0%	5.2	506.0	534.2	2%
R2	17.0	0%	1.5	524.0	542.5	5%	22.9	0%	4.7	524.0	551.6	2%
R3	14.4	0%	1.7	532.0	548.1	5.5%	20.8	0%	5.3	532.0	558.1	1.9%
R4	18.8	0%	1.8	512.0	532.6	5%	22.3	0%	4.8	512.0	539.1	2%
R5	21.9	0%	1.8	512.0	535.7	5%	25.7	0%	5.0	512.0	542.7	2%
R6	22.2	0%	2.2	512.0	536.4	5%	29.9	0%	5.3	512.0	547.2	2%
R7	20.6	0%	1.7	512.0	534.3	5%	24.3	0%	4.9	512.0	541.2	2%
R8	11.5	0%	1.4	480.0	492.9	5%	19.2	0%	5.6	480.0	504.8	2%
R9	15.8	0%	1.5	496.0	513.3	5%	20.8	0%	4.4	496.0	521.2	2%
R10	25.5	0%	1.7	506.0	533.2	5%	29.0	0%	5.1	506.0	540.1	2%
R11	22.1	0%	1.9	506.0	530.0	5%	25.7	0%	4.5	506.0	536.2	2%
R12	8.0	0%	0.9	534.0	543.0	5%	17.4	0%	4.4	534.0	555.8	2%
R13	16.2	0%	1.5	524.0	541.7	5%	20.6	0%	4.7	524.0	549.3	2%
R14	14.7	0%	2.0	524.0	540.7	5%	24.9	0%	5.2	524.0	554.1	2%
R15	24.5	0%	1.9	506.0	532.4	5%	30.1	0%	4.5	506.0	540.6	2%
R16	21.2	0%	1.8	512.0	535.0	5%	24.7	0%	5.0	512.0	541.7	2%
R17	17.4	0%	2.0	524.0	543.4	5%	20.0	0%	5.2	524.0	549.2	2%
R18	13.2	0%	2.0	528.0	543.2	5%	20.3	0%	5.2	528.0	553.5	2%
R19	11.2	0%	1.5	528.0	540.7	5%	22.3	0%	4.7	528.0	555.0	2%
R20	11.0	0%	1.5	528.0	540.5	5%	22.5	0%	4.7	528.0	555.2	2%
R21	11.4	0%	1.5	528.0	540.9	5%	22.0	0%	4.7	528.0	554.7	2%
R22	12.0	0%	1.5	528.0	541.5	5%	19.7	0%	4.7	528.0	552.4	2%
R23	11.2	0%	1.5	528.0	540.7	5%	22.0	0%	4.7	528.0	554.7	2%
R24	12.4	0%	1.5	528.0	541.9	5%	21.5	0%	4.7	528.0	554.2	2%
R25	12.8	0%	1.5	528.0	542.3	5%	20.5	0%	4.7	528.0	553.2	2%
R26	12.9	0%	1.5	528.0	542.4	5%	20.6	0%	4.7	528.0	553.3	2%
R27	8.2	0%	0.9	534.0	543.2	5%	17.5	0%	4.4	534.0	555.9	2%
R28	8.0	0%	0.9	534.0	543.0	5%	17.0	0%	4.4	534.0	555.4	2%
R29	7.3	0%	0.9	528.0	536.2	5%	16.8	0%	4.4	528.0	549.2	2%
R30	8.6	0%	0.9	534.0	543.6	5%	17.4	0%	4.4	534.0	555.8	2%
R31	7.3	0%	0.9	530.0	538.3	5%	16.0	0%	4.4	530.0	550.4	2%
R32	8.3	0%	0.9	530.0	539.2	5%	17.1	0%	4.4	530.0	551.5	2%
R33	8.8	0%	0.9	530.0	539.8	5%	18.5	0%	4.4	530.0	552.9	2%
R34	7.1	0%	0.9	528.0	536.1	5%	16.7	0%	4.4	528.0	549.1	2%
R35	28.6	0.3%	2.2	512.0	542.8	5%	34.5	0.1%	5.3	512.0	551.8	2%
R36	12.1	0%	1.7	532.0	545.8	5%	20.8	0%	5.3	532.0	558.1	2%
R37	8.3	0%	0.9	530.0	539.2	5%	17.5	0%	4.4	530.0	551.9	2%
R38	10.7	0%	1.5	528.0	540.2	5%	20.0	0%	4.7	528.0	552.7	2%
R39	10.6	0%	1.5	528.0	540.1	5%	22.7	0%	4.7	528.0	555.4	2%
UK Air Quality Objective	10000						30000					
Maximum Project PC	28.6						34.5					
Maximum Project PC (% AQ Criterion)	0.3%						0.1%					
Maximum Project PEC	548.1						558.1					
Maximum Project PEC (% AQ Criterion)	5.5%						1.9%					

Operational Phase (2025)															
Co															
Sensitive Human Receptor	Annual Mean									1-hour Mean					
	EfW PC (ug/m3)	LWA PC (ug/m3)	Project PC (ug/m3)	PC % AQ Criterion	Biomass UK No.3 Ltd PC (ug/m3)	Background (ug/m3)	Project PEC (ug/m3)	PEC % AQ Criterion	Impact Descriptor	Max Stack PC (ug/m3)	PC % AQ Criterion	Biomass UK No.3 Ltd PC (ug/m3)	Background (ug/m3)	Project PEC (ug/m3)	PEC % AQ Criterion
R1	0.00001	0.00002	0.00003	0%	0.0017	0.0001	0.00179	1%	Negligible	0.14	2%	0.03	0.00	0.17	3%
R2	0.00001	0.00001	0.00002	0%	0.0017	0.0001	0.00178	1%	Negligible	0.14	2%	0.03	0.00	0.17	3%
R3	0.00002	0.00001	0.00003	0%	0.0017	0.0001	0.00179	1%	Negligible	0.12	2%	0.03	0.00	0.16	3%
R4	0.00004	0.00003	0.00007	0%	0.0017	0.0001	0.00183	1%	Negligible	0.13	2%	0.03	0.00	0.16	3%
R5	0.00008	0.00003	0.00011	0%	0.0017	0.0001	0.00187	1%	Negligible	0.15	3%	0.03	0.00	0.18	3%
R6	0.00007	0.00006	0.00013	0%	0.0017	0.0001	0.00189	1%	Negligible	0.18	3%	0.03	0.00	0.21	3%
R7	0.00005	0.00007	0.00012	0%	0.0017	0.0001	0.00187	1%	Negligible	0.15	2%	0.03	0.00	0.18	3%
R8	0.00003	0.00002	0.00005	0%	0.0017	0.0001	0.00181	1%	Negligible	0.12	2%	0.03	0.00	0.15	2%
R9	0.00002	0.00001	0.00003	0%	0.0017	0.0001	0.00178	1%	Negligible	0.13	2%	0.03	0.00	0.16	3%
R10	0.00002	0.00001	0.00004	0%	0.0017	0.0001	0.00179	1%	Negligible	0.17	3%	0.03	0.00	0.20	3%
R11	0.00002	0.00001	0.00003	0%	0.0017	0.0001	0.00179	1%	Negligible	0.15	3%	0.03	0.00	0.18	3%
R12	0.00001	0.00001	0.00001	0%	0.0017	0.0001	0.00177	1%	Negligible	0.10	2%	0.03	0.00	0.13	2%
R13	0.00001	0.00001	0.00003	0%	0.0017	0.0001	0.00178	1%	Negligible	0.12	2%	0.03	0.00	0.15	3%
R14	0.00001	0.00002	0.00003	0%	0.0017	0.0001	0.00179	1%	Negligible	0.15	2%	0.03	0.00	0.18	3%
R15	0.00002	0.00001	0.00004	0%	0.0017	0.0001	0.00179	1%	Negligible	0.18	3%	0.03	0.00	0.21	4%
R16	0.00006	0.00003	0.00009	0%	0.0017	0.0001	0.00184	1%	Negligible	0.15	2%	0.03	0.00	0.18	3%
R17	0.00002	0.00002	0.00004	0%	0.0017	0.0001	0.00180	1%	Negligible	0.12	2%	0.03	0.00	0.15	2%
R18	0.00002	0.00001	0.00003	0%	0.0017	0.0001	0.00179	1%	Negligible	0.12	2%	0.03	0.00	0.15	3%
R19	0.00001	0.00001	0.00002	0%	0.0017	0.0001	0.00178	1%	Negligible	0.13	2%	0.03	0.00	0.16	3%
R20	0.00001	0.00001	0.00002	0%	0.0017	0.0001	0.00178	1%	Negligible	0.14	2%	0.03	0.00	0.17	3%
R21	0.00001	0.00001	0.00002	0%	0.0017	0.0001	0.00178	1%	Negligible	0.13	2%	0.03	0.00	0.16	3%
R22	0.00001	0.00001	0.00002	0%	0.0017	0.0001	0.00178	1%	Negligible	0.12	2%	0.03	0.00	0.15	2%
R23	0.00001	0.00001	0.00002	0%	0.0017	0.0001	0.00178	1%	Negligible	0.13	2%	0.03	0.00	0.16	3%
R24	0.00001	0.00001	0.00002	0%	0.0017	0.0001	0.00178	1%	Negligible	0.13	2%	0.03	0.00	0.16	3%
R25	0.00001	0.00001	0.00002	0%	0.0017	0.0001	0.00178	1%	Negligible	0.12	2%	0.03	0.00	0.15	3%
R26	0.00001	0.00001	0.00002	0%	0.0017	0.0001	0.00178	1%	Negligible	0.12	2%	0.03	0.00	0.15	3%
R27	0.00001	0.00000	0.00001	0%	0.0017	0.0001	0.00177	1%	Negligible	0.10	2%	0.03	0.00	0.13	2%
R28	0.00001	0.00000	0.00001	0%	0.0017	0.0001	0.00177	1%	Negligible	0.10	2%	0.03	0.00	0.13	2%
R29	0.00001	0.00001	0.00002	0%	0.0017	0.0001	0.00177	1%	Negligible	0.10	2%	0.03	0.00	0.13	2%
R30	0.00001	0.00001	0.00001	0%	0.0017	0.0001	0.00177	1%	Negligible	0.10	2%	0.03	0.00	0.13	2%
R31	0.00001	0.00000	0.00001	0%	0.0017	0.0001	0.00177	1%	Negligible	0.10	2%	0.03	0.00	0.13	2%
R32	0.00001	0.00001	0.00001	0%	0.0017	0.0001	0.00177	1%	Negligible	0.10	2%	0.03	0.00	0.13	2%
R33	0.00001	0.00001	0.00001	0%	0.0017	0.0001	0.00177	1%	Negligible	0.11	2%	0.03	0.00	0.14	2%
R34	0.00001	0.00001	0.00001	0%	0.0017	0.0001	0.00177	1%	Negligible	0.10	2%	0.03	0.00	0.13	2%
R35	0.00008	0.00008	0.00015	0%	0.0017	0.0001	0.00191	1%	Negligible	0.21	3%	0.03	0.00	0.24	4%
R36	0.00001	0.00001	0.00002	0%	0.0017	0.0001	0.00178	1%	Negligible	0.12	2%	0.03	0.00	0.15	3%
R37	0.00001	0.00001	0.00001	0%	0.0017	0.0001	0.00177	1%	Negligible	0.11	2%	0.03	0.00	0.14	2%
R38	0.00001	0.00001	0.00002	0%	0.0017	0.0001	0.00178	1%	Negligible	0.12	2%	0.03	0.00	0.15	3%
R39	0.00001	0.00001	0.00003	0%	0.0017	0.0001	0.00178	1%	Negligible	0.14	2%	0.03	0.00	0.17	3%
Environment Assessment Level (EAL)	0.2									6					
Maximum Project PC	0.00015									0.21					
Maximum Project PC (% AQ Criterion)	0%									3%					
Maximum Project PEC	0.00191									0.24					
Maximum PEC (% AQ Criterion)	1%									4%					

Operational Phase (2025)																								
Sensitive Human Receptor	Cr(III)														Cr(VI)									
	Annual Mean							1-hour Mean							Annual Mean									
	EfW PC (ug/m3)	LWA PC (ug/m3)	Project PC (ug/m3)	PC % AQ Criterion	Biomass UK No.3 Ltd PC (ug/m3)	Background (ug/m3)	Project PEC (ug/m3)	PEC % AQ Criterion	Impact Descriptor	Max Stack PC (ug/m3)	PC % AQ Criterion	Biomass UK No.3 Ltd PC (ug/m3)	Background (ug/m3)	Project PEC (ug/m3)	PEC % AQ Criterion	EfW PC (ug/m3)	LWA PC (ug/m3)	Project PC (ug/m3)	PC % AQ Criterion	Biomass UK No.3 Ltd PC (ug/m3)	Background (ug/m3)	Project PEC (ug/m3)	PEC % AQ Criterion	Impact Descriptor
R1	0.0002	0.0003	0.0005	0.0%	0.0013	0.0009	0.0027	0.1%	Negligible	0.14	0.1%	0.01	0.00	0.15	0.1%	0.0000003	0.0000005	0.0000008	0%	0.0000002	0.0002157	0.0002168	108%	Negligible
R2	0.0002	0.0002	0.0004	0.0%	0.0013	0.0009	0.0025	0.1%	Negligible	0.14	0.1%	0.01	0.00	0.15	0.1%	0.0000003	0.0000003	0.0000006	0%	0.0000001	0.0002157	0.0002164	108%	Negligible
R3	0.0003	0.0002	0.0005	0.0%	0.0013	0.0009	0.0027	0.1%	Negligible	0.12	0.1%	0.01	0.00	0.13	0.1%	0.0000005	0.0000003	0.0000008	0%	0.0000002	0.0002157	0.0002167	108%	Negligible
R4	0.0007	0.0004	0.0012	0.0%	0.0013	0.0009	0.0033	0.1%	Negligible	0.13	0.1%	0.01	0.00	0.14	0.1%	0.0000012	0.0000007	0.0000019	1%	0.0000003	0.0002157	0.0002179	109%	Moderate
R5	0.0013	0.0005	0.0018	0.0%	0.0013	0.0009	0.0040	0.1%	Negligible	0.15	0.1%	0.01	0.00	0.16	0.1%	0.0000022	0.0000008	0.0000030	1%	0.0000003	0.0002157	0.0002190	109%	Moderate
R6	0.0011	0.0010	0.0022	0.0%	0.0013	0.0009	0.0043	0.1%	Negligible	0.18	0.1%	0.01	0.00	0.19	0.1%	0.0000018	0.0000017	0.0000035	2%	0.0000004	0.0002157	0.0002197	110%	Substantial
R7	0.0008	0.0012	0.0020	0.0%	0.0013	0.0009	0.0041	0.1%	Negligible	0.15	0.1%	0.01	0.00	0.15	0.1%	0.0000012	0.0000020	0.0000032	2%	0.0000003	0.0002157	0.0002192	110%	Substantial
R8	0.0005	0.0004	0.0009	0.0%	0.0013	0.0009	0.0030	0.1%	Negligible	0.12	0.1%	0.01	0.00	0.12	0.1%	0.0000008	0.0000006	0.0000014	1%	0.0000001	0.0002157	0.0002173	109%	Moderate
R9	0.0003	0.0002	0.0005	0.0%	0.0013	0.0009	0.0026	0.1%	Negligible	0.13	0.1%	0.01	0.00	0.13	0.1%	0.0000005	0.0000003	0.0000008	0%	0.0000001	0.0002157	0.0002166	108%	Negligible
R10	0.0003	0.0002	0.0006	0.0%	0.0013	0.0009	0.0028	0.1%	Negligible	0.17	0.1%	0.01	0.00	0.18	0.1%	0.0000006	0.0000004	0.0000010	0%	0.0000002	0.0002157	0.0002169	108%	Negligible
R11	0.0003	0.0002	0.0005	0.0%	0.0013	0.0009	0.0027	0.1%	Negligible	0.15	0.1%	0.01	0.00	0.16	0.1%	0.0000005	0.0000004	0.0000009	0%	0.0000002	0.0002157	0.0002168	108%	Negligible
R12	0.0001	0.0001	0.0002	0.0%	0.0013	0.0009	0.0024	0.0%	Negligible	0.10	0.1%	0.01	0.00	0.11	0.1%	0.0000002	0.0000001	0.0000003	0%	0.0000001	0.0002157	0.0002161	108%	Negligible
R13	0.0002	0.0002	0.0004	0.0%	0.0013	0.0009	0.0026	0.1%	Negligible	0.12	0.1%	0.01	0.00	0.13	0.1%	0.0000004	0.0000003	0.0000007	0%	0.0000001	0.0002157	0.0002165	108%	Negligible
R14	0.0002	0.0004	0.0006	0.0%	0.0013	0.0009	0.0027	0.1%	Negligible	0.15	0.1%	0.01	0.00	0.16	0.1%	0.0000003	0.0000006	0.0000009	0%	0.0000002	0.0002157	0.0002169	108%	Negligible
R15	0.0004	0.0002	0.0006	0.0%	0.0013	0.0009	0.0028	0.1%	Negligible	0.18	0.1%	0.01	0.00	0.19	0.1%	0.0000006	0.0000004	0.0000010	1%	0.0000002	0.0002157	0.0002170	108%	Moderate
R16	0.0010	0.0004	0.0014	0.0%	0.0013	0.0009	0.0036	0.1%	Negligible	0.15	0.1%	0.01	0.00	0.16	0.1%	0.0000016	0.0000007	0.0000024	1%	0.0000003	0.0002157	0.0002183	109%	Moderate
R17	0.0003	0.0003	0.0007	0.0%	0.0013	0.0009	0.0028	0.1%	Negligible	0.12	0.1%	0.01	0.00	0.13	0.1%	0.0000006	0.0000005	0.0000011	1%	0.0000002	0.0002157	0.0002170	109%	Moderate
R18	0.0003	0.0002	0.0005	0.0%	0.0013	0.0009	0.0027	0.1%	Negligible	0.12	0.1%	0.01	0.00	0.13	0.1%	0.0000004	0.0000004	0.0000008	0%	0.0000002	0.0002157	0.0002168	108%	Negligible
R19	0.0002	0.0001	0.0003	0.0%	0.0013	0.0009	0.0025	0.0%	Negligible	0.13	0.1%	0.01	0.00	0.14	0.1%	0.0000003	0.0000002	0.0000005	0%	0.0000001	0.0002157	0.0002164	108%	Negligible
R20	0.0002	0.0001	0.0003	0.0%	0.0013	0.0009	0.0025	0.0%	Negligible	0.14	0.1%	0.01	0.00	0.14	0.1%	0.0000003	0.0000002	0.0000005	0%	0.0000001	0.0002157	0.0002164	108%	Negligible
R21	0.0002	0.0002	0.0003	0.0%	0.0013	0.0009	0.0025	0.1%	Negligible	0.13	0.1%	0.01	0.00	0.14	0.1%	0.0000003	0.0000002	0.0000006	0%	0.0000001	0.0002157	0.0002164	108%	Negligible
R22	0.0002	0.0002	0.0004	0.0%	0.0013	0.0009	0.0026	0.1%	Negligible	0.12	0.1%	0.01	0.00	0.13	0.1%	0.0000003	0.0000003	0.0000006	0%	0.0000001	0.0002157	0.0002165	108%	Negligible
R23	0.0002	0.0002	0.0004	0.0%	0.0013	0.0009	0.0025	0.1%	Negligible	0.13	0.1%	0.01	0.00	0.14	0.1%	0.0000003	0.0000003	0.0000006	0%	0.0000001	0.0002157	0.0002164	108%	Negligible
R24	0.0002	0.0002	0.0004	0.0%	0.0013	0.0009	0.0025	0.1%	Negligible	0.13	0.1%	0.01	0.00	0.14	0.1%	0.0000003	0.0000003	0.0000006	0%	0.0000001	0.0002157	0.0002165	108%	Negligible
R25	0.0002	0.0002	0.0004	0.0%	0.0013	0.0009	0.0026	0.1%	Negligible	0.12	0.1%	0.01	0.00	0.13	0.1%	0.0000004	0.0000003	0.0000007	0%	0.0000001	0.0002157	0.0002165	108%	Negligible
R26	0.0002	0.0002	0.0004	0.0%	0.0013	0.0009	0.0026	0.1%	Negligible	0.12	0.1%	0.01	0.00	0.13	0.1%	0.0000004	0.0000003	0.0000007	0%	0.0000001	0.0002157	0.0002165	108%	Negligible
R27	0.0001	0.0001	0.0002	0.0%	0.0013	0.0009	0.0024	0.0%	Negligible	0.10	0.1%	0.01	0.00	0.11	0.1%	0.0000002	0.0000001	0.0000003	0%	0.0000001	0.0002157	0.0002161	108%	Negligible
R28	0.0001	0.0001	0.0002	0.0%	0.0013	0.0009	0.0023	0.0%	Negligible	0.10	0.1%	0.01	0.00	0.11	0.1%	0.0000002	0.0000001	0.0000003	0%	0.0000001	0.0002157	0.0002161	108%	Negligible
R29	0.0001	0.0001	0.0003	0.0%	0.0013	0.0009	0.0024	0.0%	Negligible	0.10	0.1%	0.01	0.00	0.11	0.1%	0.0000002	0.0000002	0.0000004	0%	0.0000001	0.0002157	0.0002162	108%	Negligible
R30	0.0001	0.0001	0.0002	0.0%	0.0013	0.0009	0.0024	0.0%	Negligible	0.10	0.1%	0.01	0.00	0.11	0.1%	0.0000002	0.0000001	0.0000003	0%	0.0000001	0.0002157	0.0002161	108%	Negligible
R31	0.0001	0.0001	0.0002	0.0%	0.0013	0.0009	0.0023	0.0%	Negligible	0.10	0.1%	0.01	0.00	0.10	0.1%	0.0000002	0.0000001	0.0000003	0%	0.0000001	0.0002157	0.0002160	108%	Negligible
R32	0.0001	0.0001	0.0002	0.0%	0.0013	0.0009	0.0024	0.0%	Negligible	0.10	0.1%	0.01	0.00	0.11	0.1%	0.0000002	0.0000002	0.0000004	0%	0.0000001	0.0002157	0.0002161	108%	Negligible
R33	0.0001	0.0001	0.0002	0.0%	0.0013	0.0009	0.0024	0.0%	Negligible	0.11	0.1%	0.01	0.00	0.12	0.1%	0.0000002	0.0000002	0.0000004	0%	0.0000001	0.0002157	0.0002162	108%	Negligible
R34	0.0001	0.0001	0.0002	0.0%	0.0013	0.0009	0.0024	0.0%	Negligible	0.10	0.1%	0.01	0.00	0.11	0.1%	0.0000002	0.0000002	0.0000004	0%	0.0000001	0.0002157	0.0002161	108%	Negligible
R35	0.0013	0.0013	0.0025	0.1%	0.0013	0.0009	0.0047	0.1%	Negligible	0.21	0.1%	0.01	0.00	0.21	0.1%	0.0000021	0.0000021	0.0000041	2.1%	0.0000004	0.0002157	0.0002203	110%	Substantial
R36	0.0002	0.0001	0.0004	0.0%	0.0013	0.0009	0.0025	0.1%	Negligible	0.12	0.1%	0.01	0.00	0.13	0.1%	0.0000004	0.0000002	0.0000006	0%	0.0000002	0.0002157	0.0002165	108%	Negligible
R37	0.0001	0.0001	0.0002	0.0%	0.0013	0.0009	0.0024	0.0%	Negligible	0.11	0.1%	0.01	0.00	0.11	0.1%	0.0000002	0.0000001	0.0000003	0%	0.0000001	0.0002157	0.0002161	108%	Negligible
R38	0.0002	0.0002	0.0003	0.0%	0.0013	0.0009	0.0025	0.0%	Negligible	0.12	0.1%	0.01	0.00	0.13	0.1%	0.0000003	0.0000002	0.0000005	0%	0.0000001	0.0002157	0.0002164	108%	Negligible
R39	0.0002	0.0002	0.0004	0.0%	0.0013	0.0009	0.0026	0.1%	Negligible	0.14	0.1%	0.01	0.00	0.14	0.1%	0.0000004	0.0000003	0.0000007	0%	0.0000001	0.0002157	0.0002165	108%	Negligible
Environment Assessment Level (EAL)	5							150							0.0002									
Maximum Project PC	0.0025							0.21							0.0000041									
Maximum Project PC (% AQ Criterion)	0.1%							0.1%							2.1%									
Maximum Project PEC	0.0047							0.21							0.0002203									
Maximum PEC (% AQ Criterion)	0.1%							0.1%							110.1%									

Operational Phase (2025)															
Cu															
Sensitive Human Receptor	Annual Mean									1-hour Mean					
	EfW PC (ug/m3)	LWA PC (ug/m3)	Project PC (ug/m3)	PC % AQ Criterion	Biomass UK No.3 Ltd PC (ug/m3)	Background (ug/m3)	Project PEC (ug/m3)	PEC % AQ Criterion	Impact Descriptor	Max Stack PC (ug/m3)	PC % AQ Criterion	Biomass UK No.3 Ltd PC (ug/m3)	Background (ug/m3)	Project PEC (ug/m3)	PEC % AQ Criterion
R1	0.0001	0.0001	0.0002	0%	0.0017	0.0022	0.0041	0%	Negligible	0.14	0%	0.03	0.004	0.17	0%
R2	0.0001	0.0000	0.0001	0%	0.0017	0.0022	0.0040	0%	Negligible	0.14	0%	0.03	0.004	0.17	0%
R3	0.0001	0.0001	0.0002	0%	0.0017	0.0022	0.0041	0%	Negligible	0.12	0%	0.03	0.004	0.16	0%
R4	0.0002	0.0001	0.0004	0%	0.0017	0.0022	0.0043	0%	Negligible	0.13	0%	0.03	0.004	0.17	0%
R5	0.0004	0.0002	0.0006	0%	0.0017	0.0022	0.0045	0%	Negligible	0.15	0%	0.03	0.004	0.19	0%
R6	0.0004	0.0003	0.0007	0%	0.0017	0.0022	0.0046	0%	Negligible	0.18	0%	0.03	0.004	0.21	0%
R7	0.0002	0.0004	0.0006	0%	0.0017	0.0022	0.0045	0%	Negligible	0.15	0%	0.03	0.004	0.18	0%
R8	0.0002	0.0001	0.0003	0%	0.0017	0.0022	0.0042	0%	Negligible	0.12	0%	0.03	0.004	0.15	0%
R9	0.0001	0.0001	0.0002	0%	0.0017	0.0022	0.0040	0%	Negligible	0.13	0%	0.03	0.004	0.16	0%
R10	0.0001	0.0001	0.0002	0%	0.0017	0.0022	0.0041	0%	Negligible	0.17	0%	0.03	0.004	0.21	0%
R11	0.0001	0.0001	0.0002	0%	0.0017	0.0022	0.0041	0%	Negligible	0.15	0%	0.03	0.004	0.19	0%
R12	0.0000	0.0000	0.0001	0%	0.0017	0.0022	0.0040	0%	Negligible	0.10	0%	0.03	0.004	0.14	0%
R13	0.0001	0.0001	0.0001	0%	0.0017	0.0022	0.0040	0%	Negligible	0.12	0%	0.03	0.004	0.16	0%
R14	0.0001	0.0001	0.0002	0%	0.0017	0.0022	0.0041	0%	Negligible	0.15	0%	0.03	0.004	0.18	0%
R15	0.0001	0.0001	0.0002	0%	0.0017	0.0022	0.0041	0%	Negligible	0.18	0%	0.03	0.004	0.22	0%
R16	0.0003	0.0001	0.0005	0%	0.0017	0.0022	0.0043	0%	Negligible	0.15	0%	0.03	0.004	0.18	0%
R17	0.0001	0.0001	0.0002	0%	0.0017	0.0022	0.0041	0%	Negligible	0.12	0%	0.03	0.004	0.15	0%
R18	0.0001	0.0001	0.0002	0%	0.0017	0.0022	0.0040	0%	Negligible	0.12	0%	0.03	0.004	0.16	0%
R19	0.0001	0.0000	0.0001	0%	0.0017	0.0022	0.0040	0%	Negligible	0.13	0%	0.03	0.004	0.17	0%
R20	0.0001	0.0000	0.0001	0%	0.0017	0.0022	0.0040	0%	Negligible	0.14	0%	0.03	0.004	0.17	0%
R21	0.0001	0.0000	0.0001	0%	0.0017	0.0022	0.0040	0%	Negligible	0.13	0%	0.03	0.004	0.17	0%
R22	0.0001	0.0001	0.0001	0%	0.0017	0.0022	0.0040	0%	Negligible	0.12	0%	0.03	0.004	0.15	0%
R23	0.0001	0.0000	0.0001	0%	0.0017	0.0022	0.0040	0%	Negligible	0.13	0%	0.03	0.004	0.17	0%
R24	0.0001	0.0001	0.0001	0%	0.0017	0.0022	0.0040	0%	Negligible	0.13	0%	0.03	0.004	0.16	0%
R25	0.0001	0.0001	0.0001	0%	0.0017	0.0022	0.0040	0%	Negligible	0.12	0%	0.03	0.004	0.16	0%
R26	0.0001	0.0001	0.0001	0%	0.0017	0.0022	0.0040	0%	Negligible	0.12	0%	0.03	0.004	0.16	0%
R27	0.0000	0.0000	0.0001	0%	0.0017	0.0022	0.0040	0%	Negligible	0.10	0%	0.03	0.004	0.14	0%
R28	0.0000	0.0000	0.0001	0%	0.0017	0.0022	0.0039	0%	Negligible	0.10	0%	0.03	0.004	0.14	0%
R29	0.0000	0.0000	0.0001	0%	0.0017	0.0022	0.0040	0%	Negligible	0.10	0%	0.03	0.004	0.14	0%
R30	0.0000	0.0000	0.0001	0%	0.0017	0.0022	0.0040	0%	Negligible	0.10	0%	0.03	0.004	0.14	0%
R31	0.0000	0.0000	0.0001	0%	0.0017	0.0022	0.0039	0%	Negligible	0.10	0%	0.03	0.004	0.13	0%
R32	0.0000	0.0000	0.0001	0%	0.0017	0.0022	0.0040	0%	Negligible	0.10	0%	0.03	0.004	0.14	0%
R33	0.0000	0.0000	0.0001	0%	0.0017	0.0022	0.0040	0%	Negligible	0.11	0%	0.03	0.004	0.15	0%
R34	0.0000	0.0000	0.0001	0%	0.0017	0.0022	0.0040	0%	Negligible	0.10	0%	0.03	0.004	0.13	0%
R35	0.0004	0.0004	0.0008	0%	0.0017	0.0022	0.0047	0%	Negligible	0.21	0%	0.03	0.004	0.24	0%
R36	0.0001	0.0000	0.0001	0%	0.0017	0.0022	0.0040	0%	Negligible	0.12	0%	0.03	0.004	0.16	0%
R37	0.0000	0.0000	0.0001	0%	0.0017	0.0022	0.0040	0%	Negligible	0.11	0%	0.03	0.004	0.14	0%
R38	0.0001	0.0000	0.0001	0%	0.0017	0.0022	0.0040	0%	Negligible	0.12	0%	0.03	0.004	0.15	0%
R39	0.0001	0.0001	0.0001	0%	0.0017	0.0022	0.0040	0%	Negligible	0.14	0%	0.03	0.004	0.17	0%
Environment Assessment Level (EAL)	10									200					
Maximum Project PC	0.0008									0.21					
Maximum Project PC (% AQ Criterion)	0%									0.1%					
Maximum Project PEC	0.0047									0.24					
Maximum PEC (% AQ Criterion)	0%									0.1%					

Operational Phase (2025)															
HCI															
Sensitive Human Receptor	Annual Mean									1-hour Mean					
	EfW PC (ug/m3)	LWA PC (ug/m3)	Project PC (ug/m3)	PC % AQ Criterion	Biomass UK No.3 Ltd PC (ug/m3)	Background (ug/m3)	Project PEC (ug/m3)	PEC % AQ Criterion	Impact Descriptor	Max Stack PC (ug/m3)	PC % AQ Criterion	Biomass UK No.3 Ltd PC (ug/m3)	Background (ug/m3)	Project PEC (ug/m3)	PEC % AQ Criterion
R1	0.02	0.03	0.06	0.3%	-	0.20	0.26	1%	Negligible	2.76	0%	3.10	0.41	6.27	1%
R2	0.02	0.02	0.04	0.2%	-	0.20	0.24	1%	Negligible	2.75	0%	2.80	0.41	5.96	1%
R3	0.04	0.02	0.06	0.3%	-	0.20	0.26	1%	Negligible	2.50	0%	3.20	0.41	6.11	1%
R4	0.08	0.05	0.13	0.6%	-	0.20	0.33	2%	Negligible	2.67	0%	2.90	0.41	5.98	1%
R5	0.15	0.05	0.20	1.0%	-	0.20	0.40	2%	Negligible	3.08	0%	3.00	0.41	6.49	1%
R6	0.12	0.11	0.23	1.2%	-	0.20	0.44	2%	Negligible	3.59	0%	3.20	0.41	7.20	1%
R7	0.08	0.13	0.21	1.1%	-	0.20	0.42	2%	Negligible	2.91	0%	3.00	0.41	6.32	1%
R8	0.06	0.04	0.09	0.5%	-	0.20	0.30	1%	Negligible	2.30	0%	3.40	0.41	6.11	1%
R9	0.03	0.02	0.05	0.3%	-	0.20	0.26	1%	Negligible	2.50	0%	2.60	0.41	5.51	1%
R10	0.04	0.03	0.06	0.3%	-	0.20	0.27	1%	Negligible	3.47	0%	3.10	0.41	6.98	1%
R11	0.03	0.03	0.06	0.3%	-	0.20	0.26	1%	Negligible	3.09	0%	2.70	0.41	6.20	1%
R12	0.01	0.01	0.02	0.1%	-	0.20	0.23	1%	Negligible	2.08	0%	2.60	0.41	5.09	1%
R13	0.03	0.02	0.05	0.2%	-	0.20	0.25	1%	Negligible	2.47	0%	2.80	0.41	5.68	1%
R14	0.02	0.04	0.06	0.3%	-	0.20	0.27	1%	Negligible	2.99	0%	3.10	0.41	6.50	1%
R15	0.04	0.03	0.07	0.3%	-	0.20	0.27	1%	Negligible	3.61	0%	2.70	0.41	6.72	1%
R16	0.11	0.05	0.16	0.8%	-	0.20	0.36	2%	Negligible	2.96	0%	3.00	0.41	6.37	1%
R17	0.04	0.04	0.07	0.4%	-	0.20	0.28	1%	Negligible	2.39	0%	3.10	0.41	5.90	1%
R18	0.03	0.03	0.05	0.3%	-	0.20	0.26	1%	Negligible	2.43	0%	3.10	0.41	5.94	1%
R19	0.02	0.02	0.04	0.2%	-	0.20	0.24	1%	Negligible	2.67	0%	2.80	0.41	5.88	1%
R20	0.02	0.02	0.04	0.2%	-	0.20	0.24	1%	Negligible	2.70	0%	2.80	0.41	5.91	1%
R21	0.02	0.02	0.04	0.2%	-	0.20	0.24	1%	Negligible	2.64	0%	2.80	0.41	5.84	1%
R22	0.02	0.02	0.04	0.2%	-	0.20	0.25	1%	Negligible	2.37	0%	2.80	0.41	5.58	1%
R23	0.02	0.02	0.04	0.2%	-	0.20	0.24	1%	Negligible	2.64	0%	2.80	0.41	5.85	1%
R24	0.02	0.02	0.04	0.2%	-	0.20	0.25	1%	Negligible	2.57	0%	2.80	0.41	5.78	1%
R25	0.02	0.02	0.04	0.2%	-	0.20	0.25	1%	Negligible	2.45	0%	2.80	0.41	5.66	1%
R26	0.02	0.02	0.04	0.2%	-	0.20	0.25	1%	Negligible	2.47	0%	2.80	0.41	5.68	1%
R27	0.01	0.01	0.02	0.1%	-	0.20	0.23	1%	Negligible	2.09	0%	2.60	0.41	5.10	1%
R28	0.01	0.01	0.02	0.1%	-	0.20	0.22	1%	Negligible	2.04	0%	2.60	0.41	5.05	1%
R29	0.02	0.01	0.03	0.1%	-	0.20	0.23	1%	Negligible	2.01	0%	2.60	0.41	5.02	1%
R30	0.01	0.01	0.02	0.1%	-	0.20	0.23	1%	Negligible	2.08	0%	2.60	0.41	5.09	1%
R31	0.01	0.01	0.02	0.1%	-	0.20	0.22	1%	Negligible	1.92	0%	2.60	0.41	4.93	1%
R32	0.01	0.01	0.02	0.1%	-	0.20	0.23	1%	Negligible	2.05	0%	2.60	0.41	5.06	1%
R33	0.01	0.01	0.03	0.1%	-	0.20	0.23	1%	Negligible	2.22	0%	2.60	0.41	5.23	1%
R34	0.01	0.01	0.03	0.1%	-	0.20	0.23	1%	Negligible	2.00	0%	2.60	0.41	5.01	1%
R35	0.14	0.14	0.28	1.4%	-	0.20	0.48	2%	Negligible	4.14	1%	3.20	0.41	7.75	1%
R36	0.02	0.01	0.04	0.2%	-	0.20	0.24	1%	Negligible	2.49	0%	3.20	0.41	6.10	1%
R37	0.01	0.01	0.02	0.1%	-	0.20	0.23	1%	Negligible	2.10	0%	2.60	0.41	5.11	1%
R38	0.02	0.02	0.04	0.2%	-	0.20	0.24	1%	Negligible	2.40	0%	2.80	0.41	5.61	1%
R39	0.02	0.02	0.05	0.2%	-	0.20	0.25	1%	Negligible	2.72	0%	2.80	0.41	5.93	1%
Environment Assessment Level (EAL)	20									750					
Maximum Project PC	0.28									4.14					
Maximum Project PC (% AQ Criterion)	1%									1%					
Maximum Project PEC	0.48									7.75					
Maximum PEC (% AQ Criterion)	2%									1%					

Operational Phase (2025)															
HF															
Sensitive Human Receptor	Annual Mean									1-hour Mean					
	EfW PC (ug/m3)	LWA PC (ug/m3)	Project PC (ug/m3)	PC % AQ Criterion	Biomass UK No.3 Ltd PC (ug/m3)	Background (ug/m3)	Project PEC (ug/m3)	PEC % AQ Criterion	Impact Descriptor	Max Stack PC (ug/m3)	PC % AQ Criterion	Biomass UK No.3 Ltd PC (ug/m3)	Background (ug/m3)	Project PEC (ug/m3)	PEC % AQ Criterion
R1	0.00	0.01	0.01	0%	-	0.00	0.01	0%	Negligible	0.46	0%	0.21	0.00	0.67	0%
R2	0.00	0.00	0.01	0%	-	0.00	0.01	0%	Negligible	0.46	0%	0.19	0.00	0.65	0%
R3	0.01	0.00	0.01	0%	-	0.00	0.01	0%	Negligible	0.42	0%	0.21	0.00	0.63	0%
R4	0.01	0.01	0.02	0%	-	0.00	0.02	0%	Negligible	0.45	0%	0.19	0.00	0.64	0%
R5	0.02	0.01	0.03	0%	-	0.00	0.03	0%	Negligible	0.51	0%	0.20	0.00	0.71	0%
R6	0.02	0.02	0.04	0%	-	0.00	0.04	0%	Negligible	0.60	0%	0.21	0.00	0.81	1%
R7	0.01	0.02	0.04	0%	-	0.00	0.04	0%	Negligible	0.49	0%	0.20	0.00	0.69	0%
R8	0.01	0.01	0.02	0%	-	0.00	0.02	0%	Negligible	0.38	0%	0.23	0.00	0.61	0%
R9	0.01	0.00	0.01	0%	-	0.00	0.01	0%	Negligible	0.42	0%	0.18	0.00	0.60	0%
R10	0.01	0.00	0.01	0%	-	0.00	0.01	0%	Negligible	0.58	0%	0.20	0.00	0.78	0%
R11	0.01	0.00	0.01	0%	-	0.00	0.01	0%	Negligible	0.51	0%	0.18	0.00	0.69	0%
R12	0.00	0.00	0.00	0%	-	0.00	0.00	0%	Negligible	0.35	0%	0.18	0.00	0.53	0%
R13	0.00	0.00	0.01	0%	-	0.00	0.01	0%	Negligible	0.41	0%	0.19	0.00	0.60	0%
R14	0.00	0.01	0.01	0%	-	0.00	0.01	0%	Negligible	0.50	0%	0.21	0.00	0.71	0%
R15	0.01	0.00	0.01	0%	-	0.00	0.01	0%	Negligible	0.60	0%	0.18	0.00	0.78	0%
R16	0.02	0.01	0.03	0%	-	0.00	0.03	0%	Negligible	0.49	0%	0.20	0.00	0.69	0%
R17	0.01	0.01	0.01	0%	-	0.00	0.01	0%	Negligible	0.40	0%	0.21	0.00	0.61	0%
R18	0.00	0.00	0.01	0%	-	0.00	0.01	0%	Negligible	0.41	0%	0.21	0.00	0.62	0%
R19	0.00	0.00	0.01	0%	-	0.00	0.01	0%	Negligible	0.45	0%	0.19	0.00	0.64	0%
R20	0.00	0.00	0.01	0%	-	0.00	0.01	0%	Negligible	0.45	0%	0.19	0.00	0.64	0%
R21	0.00	0.00	0.01	0%	-	0.00	0.01	0%	Negligible	0.44	0%	0.19	0.00	0.63	0%
R22	0.00	0.00	0.01	0%	-	0.00	0.01	0%	Negligible	0.39	0%	0.19	0.00	0.58	0%
R23	0.00	0.00	0.01	0%	-	0.00	0.01	0%	Negligible	0.44	0%	0.19	0.00	0.63	0%
R24	0.00	0.00	0.01	0%	-	0.00	0.01	0%	Negligible	0.43	0%	0.19	0.00	0.62	0%
R25	0.00	0.00	0.01	0%	-	0.00	0.01	0%	Negligible	0.41	0%	0.19	0.00	0.60	0%
R26	0.00	0.00	0.01	0%	-	0.00	0.01	0%	Negligible	0.41	0%	0.19	0.00	0.60	0%
R27	0.00	0.00	0.00	0%	-	0.00	0.00	0%	Negligible	0.35	0%	0.18	0.00	0.53	0%
R28	0.00	0.00	0.00	0%	-	0.00	0.00	0%	Negligible	0.34	0%	0.18	0.00	0.52	0%
R29	0.00	0.00	0.00	0%	-	0.00	0.00	0%	Negligible	0.34	0%	0.18	0.00	0.52	0%
R30	0.00	0.00	0.00	0%	-	0.00	0.00	0%	Negligible	0.35	0%	0.18	0.00	0.53	0%
R31	0.00	0.00	0.00	0%	-	0.00	0.00	0%	Negligible	0.32	0%	0.18	0.00	0.50	0%
R32	0.00	0.00	0.00	0%	-	0.00	0.00	0%	Negligible	0.34	0%	0.18	0.00	0.52	0%
R33	0.00	0.00	0.00	0%	-	0.00	0.00	0%	Negligible	0.37	0%	0.18	0.00	0.55	0%
R34	0.00	0.00	0.00	0%	-	0.00	0.00	0%	Negligible	0.33	0%	0.18	0.00	0.51	0%
R35	0.02	0.02	0.05	0%	-	0.00	0.05	0%	Negligible	0.69	0%	0.21	0.00	0.90	1%
R36	0.00	0.00	0.01	0%	-	0.00	0.01	0%	Negligible	0.41	0%	0.21	0.00	0.62	0%
R37	0.00	0.00	0.00	0%	-	0.00	0.00	0%	Negligible	0.35	0%	0.18	0.00	0.53	0%
R38	0.00	0.00	0.01	0%	-	0.00	0.01	0%	Negligible	0.40	0%	0.19	0.00	0.59	0%
R39	0.00	0.00	0.01	0%	-	0.00	0.01	0%	Negligible	0.45	0%	0.19	0.00	0.64	0%
Environment Assessment Level (EAL)	16									160					
Maximum Project PC	0.05									0.69					
Maximum Project PC (% AQ Criterion)	0%									0%					
Maximum Project PEC	0.05									0.90					
Maximum PEC (% AQ Criterion)	0%									1%					

Operational Phase (2025)															
Hg															
Sensitive Human Receptor	Annual Mean									1-hour Mean					
	EfW PC (ug/m3)	LWA PC (ug/m3)	Project PC (ug/m3)	PC % AQ Criterion	Biomass UK No.3 Ltd PC (ug/m3)	Background (ug/m3)	Project PEC (ug/m3)	PEC % AQ Criterion	Impact Descriptor	Max Stack PC (ug/m3)	PC % AQ Criterion	Biomass UK No.3 Ltd PC (ug/m3)	Background (ug/m3)	Project PEC (ug/m3)	PEC % AQ Criterion
R1	0.0002	0.0001	0.0003	0.1%	0.0002	0.0013	0.0018	0.7%	Negligible	0.009	0.1%	0.003	0.003	0.015	0.2%
R2	0.0001	0.0001	0.0002	0.1%	0.0002	0.0013	0.0017	0.7%	Negligible	0.009	0.1%	0.003	0.003	0.015	0.2%
R3	0.0002	0.0001	0.0003	0.1%	0.0002	0.0013	0.0017	0.7%	Negligible	0.008	0.1%	0.003	0.003	0.014	0.2%
R4	0.0004	0.0002	0.0006	0.2%	0.0002	0.0013	0.0020	0.8%	Negligible	0.009	0.1%	0.003	0.003	0.015	0.2%
R5	0.0007	0.0002	0.0008	0.3%	0.0002	0.0013	0.0023	0.9%	Negligible	0.010	0.1%	0.003	0.003	0.016	0.2%
R6	0.0008	0.0004	0.0012	0.5%	0.0002	0.0013	0.0026	1.1%	Negligible	0.012	0.2%	0.003	0.003	0.018	0.2%
R7	0.0007	0.0004	0.0011	0.5%	0.0002	0.0013	0.0026	1.0%	Negligible	0.010	0.1%	0.003	0.003	0.015	0.2%
R8	0.0003	0.0001	0.0004	0.2%	0.0002	0.0013	0.0019	0.8%	Negligible	0.008	0.1%	0.003	0.003	0.013	0.2%
R9	0.0002	0.0001	0.0002	0.1%	0.0002	0.0013	0.0017	0.7%	Negligible	0.008	0.1%	0.003	0.003	0.014	0.2%
R10	0.0002	0.0001	0.0003	0.1%	0.0002	0.0013	0.0018	0.7%	Negligible	0.012	0.2%	0.003	0.003	0.017	0.2%
R11	0.0002	0.0001	0.0003	0.1%	0.0002	0.0013	0.0018	0.7%	Negligible	0.010	0.1%	0.003	0.003	0.016	0.2%
R12	0.0001	0.0000	0.0001	0.0%	0.0002	0.0013	0.0016	0.6%	Negligible	0.007	0.1%	0.003	0.003	0.013	0.2%
R13	0.0002	0.0001	0.0002	0.1%	0.0002	0.0013	0.0017	0.7%	Negligible	0.008	0.1%	0.003	0.003	0.014	0.2%
R14	0.0002	0.0001	0.0003	0.1%	0.0002	0.0013	0.0018	0.7%	Negligible	0.010	0.1%	0.003	0.003	0.016	0.2%
R15	0.0002	0.0001	0.0003	0.1%	0.0002	0.0013	0.0018	0.7%	Negligible	0.012	0.2%	0.003	0.003	0.018	0.2%
R16	0.0005	0.0002	0.0007	0.3%	0.0002	0.0013	0.0022	0.9%	Negligible	0.010	0.1%	0.003	0.003	0.015	0.2%
R17	0.0002	0.0001	0.0004	0.1%	0.0002	0.0013	0.0018	0.7%	Negligible	0.008	0.1%	0.003	0.003	0.014	0.2%
R18	0.0002	0.0001	0.0003	0.1%	0.0002	0.0013	0.0018	0.7%	Negligible	0.008	0.1%	0.003	0.003	0.014	0.2%
R19	0.0001	0.0001	0.0002	0.1%	0.0002	0.0013	0.0017	0.7%	Negligible	0.009	0.1%	0.003	0.003	0.015	0.2%
R20	0.0001	0.0001	0.0002	0.1%	0.0002	0.0013	0.0017	0.7%	Negligible	0.009	0.1%	0.003	0.003	0.015	0.2%
R21	0.0001	0.0001	0.0002	0.1%	0.0002	0.0013	0.0017	0.7%	Negligible	0.009	0.1%	0.003	0.003	0.014	0.2%
R22	0.0001	0.0001	0.0002	0.1%	0.0002	0.0013	0.0017	0.7%	Negligible	0.008	0.1%	0.003	0.003	0.013	0.2%
R23	0.0001	0.0001	0.0002	0.1%	0.0002	0.0013	0.0017	0.7%	Negligible	0.009	0.1%	0.003	0.003	0.014	0.2%
R24	0.0001	0.0001	0.0002	0.1%	0.0002	0.0013	0.0017	0.7%	Negligible	0.009	0.1%	0.003	0.003	0.014	0.2%
R25	0.0001	0.0001	0.0002	0.1%	0.0002	0.0013	0.0017	0.7%	Negligible	0.008	0.1%	0.003	0.003	0.014	0.2%
R26	0.0001	0.0001	0.0002	0.1%	0.0002	0.0013	0.0017	0.7%	Negligible	0.008	0.1%	0.003	0.003	0.014	0.2%
R27	0.0001	0.0000	0.0001	0.0%	0.0002	0.0013	0.0016	0.6%	Negligible	0.007	0.1%	0.003	0.003	0.013	0.2%
R28	0.0001	0.0000	0.0001	0.0%	0.0002	0.0013	0.0016	0.6%	Negligible	0.007	0.1%	0.003	0.003	0.012	0.2%
R29	0.0001	0.0000	0.0001	0.1%	0.0002	0.0013	0.0016	0.6%	Negligible	0.007	0.1%	0.003	0.003	0.012	0.2%
R30	0.0001	0.0000	0.0001	0.0%	0.0002	0.0013	0.0016	0.6%	Negligible	0.007	0.1%	0.003	0.003	0.013	0.2%
R31	0.0001	0.0000	0.0001	0.0%	0.0002	0.0013	0.0016	0.6%	Negligible	0.006	0.1%	0.003	0.003	0.012	0.2%
R32	0.0001	0.0000	0.0001	0.0%	0.0002	0.0013	0.0016	0.6%	Negligible	0.007	0.1%	0.003	0.003	0.012	0.2%
R33	0.0001	0.0000	0.0001	0.0%	0.0002	0.0013	0.0016	0.6%	Negligible	0.007	0.1%	0.003	0.003	0.013	0.2%
R34	0.0001	0.0000	0.0001	0.0%	0.0002	0.0013	0.0016	0.6%	Negligible	0.007	0.1%	0.003	0.003	0.012	0.2%
R35	0.0009	0.0005	0.0014	0.6%	0.0002	0.0013	0.0029	1.1%	Negligible	0.014	0.2%	0.003	0.003	0.019	0.3%
R36	0.0001	0.0000	0.0002	0.1%	0.0002	0.0013	0.0017	0.7%	Negligible	0.008	0.1%	0.003	0.003	0.014	0.2%
R37	0.0001	0.0000	0.0001	0.0%	0.0002	0.0013	0.0016	0.6%	Negligible	0.007	0.1%	0.003	0.003	0.013	0.2%
R38	0.0001	0.0001	0.0002	0.1%	0.0002	0.0013	0.0017	0.7%	Negligible	0.008	0.1%	0.003	0.003	0.014	0.2%
R39	0.0002	0.0001	0.0002	0.1%	0.0002	0.0013	0.0017	0.7%	Negligible	0.009	0.1%	0.003	0.003	0.015	0.2%
Environment Assessment Level (EAL)	0.25									7.5					
Maximum Project PC	0.0014									0.014					
Maximum Project PC (% AQ Criterion)	0.6%									0.2%					
Maximum Project PEC	0.0029									0.019					
Maximum PEC (% AQ Criterion)	1.1%									0.3%					

Operational Phase (2025)															
Mn															
Sensitive Human Receptor	Annual Mean									1-hour Mean					
	EfW PC (ug/m3)	LWA PC (ug/m3)	Project PC (ug/m3)	PC % AQ Criterion	Biomass UK No.3 Ltd PC (ug/m3)	Background (ug/m3)	Project PEC (ug/m3)	PEC % AQ Criterion	Impact Descriptor	Max Stack PC (ug/m3)	PC % AQ Criterion	Biomass UK No.3 Ltd PC (ug/m3)	Background (ug/m3)	Project PEC (ug/m3)	PEC % AQ Criterion
R1	0.0001	0.0002	0.0003	0%	0.0017	0.0029	0.0049	3%	Negligible	0.14	0%	0.03	0.01	0.17	0%
R2	0.0001	0.0001	0.0002	0%	0.0017	0.0029	0.0048	3%	Negligible	0.14	0%	0.03	0.01	0.17	0%
R3	0.0002	0.0001	0.0003	0%	0.0017	0.0029	0.0049	3%	Negligible	0.12	0%	0.03	0.01	0.16	0%
R4	0.0005	0.0003	0.0008	1%	0.0017	0.0029	0.0053	4%	Negligible	0.13	0%	0.03	0.01	0.17	0%
R5	0.0009	0.0003	0.0012	1%	0.0017	0.0029	0.0058	4%	Negligible	0.15	0%	0.03	0.01	0.19	0%
R6	0.0007	0.0007	0.0014	1%	0.0017	0.0029	0.0060	4%	Negligible	0.18	0%	0.03	0.01	0.22	0%
R7	0.0005	0.0008	0.0013	1%	0.0017	0.0029	0.0058	4%	Negligible	0.15	0%	0.03	0.01	0.18	0%
R8	0.0003	0.0002	0.0006	0%	0.0017	0.0029	0.0051	3%	Negligible	0.12	0%	0.03	0.01	0.15	0%
R9	0.0002	0.0001	0.0003	0%	0.0017	0.0029	0.0049	3%	Negligible	0.13	0%	0.03	0.01	0.16	0%
R10	0.0002	0.0002	0.0004	0%	0.0017	0.0029	0.0049	3%	Negligible	0.17	0%	0.03	0.01	0.21	0%
R11	0.0002	0.0002	0.0004	0%	0.0017	0.0029	0.0049	3%	Negligible	0.15	0%	0.03	0.01	0.19	0%
R12	0.0001	0.0001	0.0001	0%	0.0017	0.0029	0.0047	3%	Negligible	0.10	0%	0.03	0.01	0.14	0%
R13	0.0002	0.0001	0.0003	0%	0.0017	0.0029	0.0048	3%	Negligible	0.12	0%	0.03	0.01	0.16	0%
R14	0.0001	0.0003	0.0004	0%	0.0017	0.0029	0.0049	3%	Negligible	0.15	0%	0.03	0.01	0.19	0%
R15	0.0002	0.0002	0.0004	0%	0.0017	0.0029	0.0050	3%	Negligible	0.18	0%	0.03	0.01	0.22	0%
R16	0.0007	0.0003	0.0009	1%	0.0017	0.0029	0.0055	4%	Negligible	0.15	0%	0.03	0.01	0.18	0%
R17	0.0002	0.0002	0.0004	0%	0.0017	0.0029	0.0050	3%	Negligible	0.12	0%	0.03	0.01	0.16	0%
R18	0.0002	0.0002	0.0003	0%	0.0017	0.0029	0.0049	3%	Negligible	0.12	0%	0.03	0.01	0.16	0%
R19	0.0001	0.0001	0.0002	0%	0.0017	0.0029	0.0048	3%	Negligible	0.13	0%	0.03	0.01	0.17	0%
R20	0.0001	0.0001	0.0002	0%	0.0017	0.0029	0.0048	3%	Negligible	0.14	0%	0.03	0.01	0.17	0%
R21	0.0001	0.0001	0.0002	0%	0.0017	0.0029	0.0048	3%	Negligible	0.13	0%	0.03	0.01	0.17	0%
R22	0.0001	0.0001	0.0003	0%	0.0017	0.0029	0.0048	3%	Negligible	0.12	0%	0.03	0.01	0.15	0%
R23	0.0001	0.0001	0.0002	0%	0.0017	0.0029	0.0048	3%	Negligible	0.13	0%	0.03	0.01	0.17	0%
R24	0.0001	0.0001	0.0003	0%	0.0017	0.0029	0.0048	3%	Negligible	0.13	0%	0.03	0.01	0.16	0%
R25	0.0001	0.0001	0.0003	0%	0.0017	0.0029	0.0048	3%	Negligible	0.12	0%	0.03	0.01	0.16	0%
R26	0.0001	0.0001	0.0003	0%	0.0017	0.0029	0.0048	3%	Negligible	0.12	0%	0.03	0.01	0.16	0%
R27	0.0001	0.0001	0.0001	0%	0.0017	0.0029	0.0047	3%	Negligible	0.10	0%	0.03	0.01	0.14	0%
R28	0.0001	0.0001	0.0001	0%	0.0017	0.0029	0.0047	3%	Negligible	0.10	0%	0.03	0.01	0.14	0%
R29	0.0001	0.0001	0.0002	0%	0.0017	0.0029	0.0047	3%	Negligible	0.10	0%	0.03	0.01	0.14	0%
R30	0.0001	0.0001	0.0001	0%	0.0017	0.0029	0.0047	3%	Negligible	0.10	0%	0.03	0.01	0.14	0%
R31	0.0001	0.0000	0.0001	0%	0.0017	0.0029	0.0047	3%	Negligible	0.10	0%	0.03	0.01	0.13	0%
R32	0.0001	0.0001	0.0001	0%	0.0017	0.0029	0.0047	3%	Negligible	0.10	0%	0.03	0.01	0.14	0%
R33	0.0001	0.0001	0.0002	0%	0.0017	0.0029	0.0047	3%	Negligible	0.11	0%	0.03	0.01	0.15	0%
R34	0.0001	0.0001	0.0002	0%	0.0017	0.0029	0.0047	3%	Negligible	0.10	0%	0.03	0.01	0.14	0%
R35	0.0008	0.0008	0.0017	1%	0.0017	0.0029	0.0062	4%	Negligible	0.21	0%	0.03	0.01	0.24	0%
R36	0.0001	0.0001	0.0002	0%	0.0017	0.0029	0.0048	3%	Negligible	0.12	0%	0.03	0.01	0.16	0%
R37	0.0001	0.0001	0.0001	0%	0.0017	0.0029	0.0047	3%	Negligible	0.11	0%	0.03	0.01	0.14	0%
R38	0.0001	0.0001	0.0002	0%	0.0017	0.0029	0.0048	3%	Negligible	0.12	0%	0.03	0.01	0.16	0%
R39	0.0001	0.0001	0.0003	0%	0.0017	0.0029	0.0048	3%	Negligible	0.14	0%	0.03	0.01	0.17	0%
Environment Assessment Level (EAL)	0.15									1500					
Maximum Project PC	0.0017									0.21					
Maximum Project PC (% AQ Criterion)	1%									0%					
Maximum Project PEC	0.0062									0.24					
Maximum PEC (% AQ Criterion)	4%									0%					

Operational Phase (2025)															
NH ₃															
Sensitive Human Receptor	Annual Mean									1-hour Mean					
	EfW PC (ug/m3)	LWA PC (ug/m3)	Project PC (ug/m3)	PC % AQ Criterion	Biomass UK No.3 Ltd PC (ug/m3)	Background (ug/m3)	Project PEC (ug/m3)	PEC % AQ Criterion	Impact Descriptor	Max Stack PC (ug/m3)	PC % AQ Criterion	Biomass UK No.3 Ltd PC (ug/m3)	Background (ug/m3)	Project PEC (ug/m3)	PEC % AQ Criterion
R1	0.04	0.06	0.09	0%	0.01	1.84	1.94	1%	Negligible	4.60	0%	0.26	3.68	8.54	0%
R2	0.04	0.03	0.07	0%	0.00	1.84	1.91	1%	Negligible	4.58	0%	0.23	3.68	8.49	0%
R3	0.06	0.03	0.09	0%	0.01	1.84	1.94	1%	Negligible	4.16	0%	0.27	3.68	8.11	0%
R4	0.13	0.08	0.21	0%	0.01	1.84	2.06	1%	Negligible	4.46	0%	0.24	3.68	8.38	0%
R5	0.24	0.09	0.33	0%	0.01	1.84	2.18	1%	Negligible	5.14	0%	0.25	3.68	9.07	0%
R6	0.20	0.19	0.39	0%	0.02	1.84	2.25	1%	Negligible	5.99	0%	0.26	3.68	9.93	0%
R7	0.14	0.22	0.35	0%	0.01	1.84	2.21	1%	Negligible	4.86	0%	0.25	3.68	8.79	0%
R8	0.09	0.07	0.16	0%	0.00	1.43	1.59	1%	Negligible	3.84	0%	0.28	2.86	6.98	0%
R9	0.05	0.03	0.09	0%	0.00	1.84	1.93	1%	Negligible	4.16	0%	0.22	3.68	8.06	0%
R10	0.06	0.04	0.11	0%	0.01	1.84	1.95	1%	Negligible	5.79	0%	0.26	3.68	9.73	0%
R11	0.05	0.04	0.10	0%	0.01	1.84	1.95	1%	Negligible	5.14	0%	0.23	3.68	9.05	0%
R12	0.02	0.02	0.04	0%	0.00	1.84	1.88	1%	Negligible	3.47	0%	0.22	3.68	7.37	0%
R13	0.04	0.03	0.08	0%	0.00	1.84	1.92	1%	Negligible	4.11	0%	0.23	3.68	8.02	0%
R14	0.03	0.07	0.10	0%	0.01	1.84	1.95	1%	Negligible	4.98	0%	0.26	3.68	8.92	0%
R15	0.07	0.04	0.11	0%	0.01	1.84	1.96	1%	Negligible	6.03	0%	0.23	3.68	9.94	0%
R16	0.18	0.08	0.26	0%	0.01	1.84	2.11	1%	Negligible	4.94	0%	0.25	3.68	8.87	0%
R17	0.06	0.06	0.12	0%	0.01	1.84	1.97	1%	Negligible	3.99	0%	0.26	3.68	7.93	0%
R18	0.05	0.04	0.09	0%	0.01	1.84	1.94	1%	Negligible	4.05	0%	0.26	3.68	7.99	0%
R19	0.03	0.03	0.06	0%	0.00	1.84	1.90	1%	Negligible	4.45	0%	0.23	3.68	8.36	0%
R20	0.03	0.03	0.06	0%	0.00	1.84	1.90	1%	Negligible	4.50	0%	0.23	3.68	8.41	0%
R21	0.03	0.03	0.06	0%	0.00	1.84	1.91	1%	Negligible	4.39	0%	0.23	3.68	8.30	0%
R22	0.04	0.03	0.07	0%	0.00	1.84	1.92	1%	Negligible	3.95	0%	0.23	3.68	7.86	0%
R23	0.04	0.03	0.06	0%	0.00	1.84	1.91	1%	Negligible	4.40	0%	0.23	3.68	8.31	0%
R24	0.04	0.03	0.07	0%	0.00	1.84	1.91	1%	Negligible	4.29	0%	0.23	3.68	8.20	0%
R25	0.04	0.03	0.07	0%	0.00	1.84	1.92	1%	Negligible	4.09	0%	0.23	3.68	8.00	0%
R26	0.04	0.03	0.07	0%	0.00	1.84	1.92	1%	Negligible	4.12	0%	0.23	3.68	8.03	0%
R27	0.02	0.02	0.04	0%	0.00	1.84	1.88	1%	Negligible	3.49	0%	0.22	3.68	7.39	0%
R28	0.02	0.01	0.03	0%	0.00	1.84	1.88	1%	Negligible	3.40	0%	0.22	3.68	7.30	0%
R29	0.03	0.02	0.05	0%	0.00	1.84	1.89	1%	Negligible	3.35	0%	0.22	3.68	7.25	0%
R30	0.02	0.02	0.04	0%	0.00	1.84	1.88	1%	Negligible	3.47	0%	0.22	3.68	7.37	0%
R31	0.02	0.01	0.03	0%	0.00	1.84	1.87	1%	Negligible	3.20	0%	0.22	3.68	7.10	0%
R32	0.02	0.02	0.04	0%	0.00	1.84	1.88	1%	Negligible	3.42	0%	0.22	3.68	7.32	0%
R33	0.02	0.02	0.04	0%	0.00	1.84	1.88	1%	Negligible	3.70	0%	0.22	3.68	7.60	0%
R34	0.02	0.02	0.04	0%	0.00	1.84	1.88	1%	Negligible	3.34	0%	0.22	3.68	7.24	0%
R35	0.23	0.23	0.46	0%	0.02	1.84	2.32	1%	Negligible	6.90	0%	0.26	3.68	10.84	0%
R36	0.04	0.02	0.06	0%	0.01	1.84	1.91	1%	Negligible	4.15	0%	0.27	3.68	8.10	0%
R37	0.02	0.02	0.04	0%	0.00	1.84	1.88	1%	Negligible	3.51	0%	0.22	3.68	7.41	0%
R38	0.03	0.03	0.06	0%	0.00	1.84	1.90	1%	Negligible	4.00	0%	0.23	3.68	7.91	0%
R39	0.04	0.04	0.08	0%	0.00	1.84	1.92	1%	Negligible	4.54	0%	0.23	3.68	8.45	0%
Environment Assessment Level (EAL)	180									2500					
Maximum Project PC	0.46									6.90					
Maximum Project PC (% AQ Criterion)	0%									0%					
Maximum Project PEC	2.32									10.84					
Maximum PEC (% AQ Criterion)	1%									0%					

Operational Phase (2025)																		
Sensitive Human Receptor	Ni									Pb								
	Annual Mean									Annual Mean								
	EfW PC (ug/m3)	LWA PC (ug/m3)	Project PC (ug/m3)	PC % AQ Criterion	Biomass UK No.3 Ltd PC (ug/m3)	Background (ug/m3)	Project PEC (ug/m3)	PEC % AQ Criterion	Impact Descriptor	EfW PC (ug/m3)	LWA PC (ug/m3)	Project PC (ug/m3)	PC % AQ Criterion	Biomass UK No.3 Ltd PC (ug/m2)	Background (ug/m3)	Project PEC (ug/m3)	PEC % AQ Criterion	Impact Descriptor
R1	0.0001	0.0002	0.0003	2%	0.0017	0.0007	0.0027	13%	Negligible	0.0001	0.0002	0.0003	0%	0.002	0.004	0.006	2%	Negligible
R2	0.0001	0.0001	0.0002	1%	0.0017	0.0007	0.0026	13%	Negligible	0.0001	0.0001	0.0002	0%	0.002	0.004	0.006	2%	Negligible
R3	0.0002	0.0001	0.0003	2%	0.0017	0.0007	0.0027	14%	Negligible	0.0002	0.0001	0.0003	0%	0.002	0.004	0.006	2%	Negligible
R4	0.0004	0.0003	0.0007	3%	0.0017	0.0007	0.0031	15%	Negligible	0.0004	0.0002	0.0006	0%	0.002	0.004	0.006	2%	Negligible
R5	0.0008	0.0003	0.0011	5%	0.0017	0.0007	0.0035	17%	Negligible	0.0007	0.0003	0.0010	0%	0.002	0.004	0.006	3%	Negligible
R6	0.0007	0.0006	0.0013	6%	0.0017	0.0007	0.0037	18%	Slight	0.0006	0.0006	0.0012	0%	0.002	0.004	0.007	3%	Negligible
R7	0.0005	0.0007	0.0012	6%	0.0017	0.0007	0.0036	18%	Slight	0.0004	0.0007	0.0011	0%	0.002	0.004	0.007	3%	Negligible
R8	0.0003	0.0002	0.0005	3%	0.0017	0.0007	0.0029	15%	Negligible	0.0003	0.0002	0.0005	0%	0.002	0.004	0.006	2%	Negligible
R9	0.0002	0.0001	0.0003	1%	0.0017	0.0007	0.0027	13%	Negligible	0.0002	0.0001	0.0003	0%	0.002	0.004	0.006	2%	Negligible
R10	0.0002	0.0001	0.0004	2%	0.0017	0.0007	0.0027	14%	Negligible	0.0002	0.0001	0.0003	0%	0.002	0.004	0.006	2%	Negligible
R11	0.0002	0.0001	0.0003	2%	0.0017	0.0007	0.0027	14%	Negligible	0.0002	0.0001	0.0003	0%	0.002	0.004	0.006	2%	Negligible
R12	0.0001	0.0001	0.0001	1%	0.0017	0.0007	0.0025	13%	Negligible	0.0001	0.0000	0.0001	0%	0.002	0.004	0.006	2%	Negligible
R13	0.0001	0.0001	0.0003	1%	0.0017	0.0007	0.0026	13%	Negligible	0.0001	0.0001	0.0002	0%	0.002	0.004	0.006	2%	Negligible
R14	0.0001	0.0002	0.0003	2%	0.0017	0.0007	0.0027	14%	Negligible	0.0001	0.0002	0.0003	0%	0.002	0.004	0.006	2%	Negligible
R15	0.0002	0.0001	0.0004	2%	0.0017	0.0007	0.0028	14%	Negligible	0.0002	0.0001	0.0003	0%	0.002	0.004	0.006	2%	Negligible
R16	0.0006	0.0003	0.0009	4%	0.0017	0.0007	0.0033	16%	Negligible	0.0006	0.0002	0.0008	0%	0.002	0.004	0.006	3%	Negligible
R17	0.0002	0.0002	0.0004	2%	0.0017	0.0007	0.0028	14%	Negligible	0.0002	0.0002	0.0004	0%	0.002	0.004	0.006	2%	Negligible
R18	0.0002	0.0001	0.0003	2%	0.0017	0.0007	0.0027	13%	Negligible	0.0001	0.0001	0.0003	0%	0.002	0.004	0.006	2%	Negligible
R19	0.0001	0.0001	0.0002	1%	0.0017	0.0007	0.0026	13%	Negligible	0.0001	0.0001	0.0002	0%	0.002	0.004	0.006	2%	Negligible
R20	0.0001	0.0001	0.0002	1%	0.0017	0.0007	0.0026	13%	Negligible	0.0001	0.0001	0.0002	0%	0.002	0.004	0.006	2%	Negligible
R21	0.0001	0.0001	0.0002	1%	0.0017	0.0007	0.0026	13%	Negligible	0.0001	0.0001	0.0002	0%	0.002	0.004	0.006	2%	Negligible
R22	0.0001	0.0001	0.0002	1%	0.0017	0.0007	0.0026	13%	Negligible	0.0001	0.0001	0.0002	0%	0.002	0.004	0.006	2%	Negligible
R23	0.0001	0.0001	0.0002	1%	0.0017	0.0007	0.0026	13%	Negligible	0.0001	0.0001	0.0002	0%	0.002	0.004	0.006	2%	Negligible
R24	0.0001	0.0001	0.0002	1%	0.0017	0.0007	0.0026	13%	Negligible	0.0001	0.0001	0.0002	0%	0.002	0.004	0.006	2%	Negligible
R25	0.0001	0.0001	0.0002	1%	0.0017	0.0007	0.0026	13%	Negligible	0.0001	0.0001	0.0002	0%	0.002	0.004	0.006	2%	Negligible
R26	0.0001	0.0001	0.0002	1%	0.0017	0.0007	0.0026	13%	Negligible	0.0001	0.0001	0.0002	0%	0.002	0.004	0.006	2%	Negligible
R27	0.0001	0.0000	0.0001	1%	0.0017	0.0007	0.0025	13%	Negligible	0.0001	0.0000	0.0001	0%	0.002	0.004	0.006	2%	Negligible
R28	0.0001	0.0000	0.0001	1%	0.0017	0.0007	0.0025	13%	Negligible	0.0001	0.0000	0.0001	0%	0.002	0.004	0.006	2%	Negligible
R29	0.0001	0.0001	0.0002	1%	0.0017	0.0007	0.0025	13%	Negligible	0.0001	0.0001	0.0001	0%	0.002	0.004	0.006	2%	Negligible
R30	0.0001	0.0001	0.0001	1%	0.0017	0.0007	0.0025	13%	Negligible	0.0001	0.0000	0.0001	0%	0.002	0.004	0.006	2%	Negligible
R31	0.0001	0.0000	0.0001	0%	0.0017	0.0007	0.0025	12%	Negligible	0.0001	0.0000	0.0001	0%	0.002	0.004	0.006	2%	Negligible
R32	0.0001	0.0001	0.0001	1%	0.0017	0.0007	0.0025	13%	Negligible	0.0001	0.0001	0.0001	0%	0.002	0.004	0.006	2%	Negligible
R33	0.0001	0.0001	0.0001	1%	0.0017	0.0007	0.0025	13%	Negligible	0.0001	0.0001	0.0001	0%	0.002	0.004	0.006	2%	Negligible
R34	0.0001	0.0001	0.0001	1%	0.0017	0.0007	0.0025	13%	Negligible	0.0001	0.0001	0.0001	0%	0.002	0.004	0.006	2%	Negligible
R35	0.0008	0.0008	0.0015	8%	0.0017	0.0007	0.0039	20%	Slight	0.0007	0.0007	0.0014	1%	0.002	0.004	0.007	3%	Negligible
R36	0.0001	0.0001	0.0002	1%	0.0017	0.0007	0.0026	13%	Negligible	0.0001	0.0001	0.0002	0%	0.002	0.004	0.006	2%	Negligible
R37	0.0001	0.0001	0.0001	1%	0.0017	0.0007	0.0025	13%	Negligible	0.0001	0.0000	0.0001	0%	0.002	0.004	0.006	2%	Negligible
R38	0.0001	0.0001	0.0002	1%	0.0017	0.0007	0.0026	13%	Negligible	0.0001	0.0001	0.0002	0%	0.002	0.004	0.006	2%	Negligible
R39	0.0001	0.0001	0.0003	1%	0.0017	0.0007	0.0026	13%	Negligible	0.0001	0.0001	0.0002	0%	0.002	0.004	0.006	2%	Negligible
EU AAD Target Value/UK Air Quality Objective	0.02									0.25								
Maximum Project PC	0.0015									0.0014								
Maximum Project PC (% AQ Criterion)	8%									1%								
Maximum Project PEC	0.0039									0.007								
Maximum PEC (% AQ Criterion)	20%									3%								

Operational Phase (2025)									
Dioxins and Furans									
Annual Mean									
Sensitive Human Receptor	EfW PC (pg/m3)	LWA PC (pg/m3)	Project PC (pg/m3)	PC % AQ Criterion	Biomass UK No.3 Ltd PC (pg/m3)	Background (pg/m3)	Project PEC (pg/m3)	PEC % AQ Criterion	Impact Descriptor
R1	0.00029	0.00045	0.00074	-	0.00017	0.029	0.0297	-	-
R2	0.00031	0.00022	0.00053	-	0.00009	0.029	0.0294	-	-
R3	0.00048	0.00027	0.00075	-	0.00012	0.029	0.0297	-	-
R4	0.00107	0.00062	0.00169	-	0.00019	0.029	0.0307	-	-
R5	0.00195	0.00071	0.00265	-	0.0002	0.029	0.0317	-	-
R6	0.00163	0.00150	0.00313	-	0.00032	0.029	0.0323	-	-
R7	0.00110	0.00174	0.00284	-	0.00023	0.029	0.0319	-	-
R8	0.00074	0.00053	0.00127	-	0.00009	0.029	0.0302	-	-
R9	0.00043	0.00027	0.00070	-	0.0001	0.029	0.0296	-	-
R10	0.00049	0.00036	0.00085	-	0.00014	0.029	0.0298	-	-
R11	0.00043	0.00035	0.00078	-	0.00018	0.029	0.0298	-	-
R12	0.00018	0.00013	0.00030	-	0.000044	0.029	0.0292	-	-
R13	0.00035	0.00027	0.00062	-	0.00009	0.029	0.0295	-	-
R14	0.00026	0.00056	0.00082	-	0.00017	0.029	0.0298	-	-
R15	0.00055	0.00035	0.00090	-	0.00018	0.029	0.0299	-	-
R16	0.00146	0.00064	0.00209	-	0.0002	0.029	0.0311	-	-
R17	0.00049	0.00047	0.00097	-	0.00017	0.029	0.0299	-	-
R18	0.00038	0.00035	0.00073	-	0.00017	0.029	0.0297	-	-
R19	0.00027	0.00021	0.00048	-	0.00009	0.029	0.0294	-	-
R20	0.00026	0.00021	0.00047	-	0.00009	0.029	0.0294	-	-
R21	0.00027	0.00022	0.00049	-	0.00009	0.029	0.0294	-	-
R22	0.00031	0.00026	0.00057	-	0.00009	0.029	0.0295	-	-
R23	0.00028	0.00023	0.00051	-	0.00009	0.029	0.0294	-	-
R24	0.00031	0.00025	0.00056	-	0.00009	0.029	0.0295	-	-
R25	0.00032	0.00027	0.00059	-	0.00009	0.029	0.0295	-	-
R26	0.00032	0.00027	0.00059	-	0.00009	0.029	0.0295	-	-
R27	0.00016	0.00012	0.00028	-	0.000044	0.029	0.0291	-	-
R28	0.00015	0.00011	0.00027	-	0.000044	0.029	0.0291	-	-
R29	0.00021	0.00016	0.00037	-	0.000044	0.029	0.0292	-	-
R30	0.00017	0.00012	0.00029	-	0.000044	0.029	0.0291	-	-
R31	0.00014	0.00010	0.00024	-	0.000044	0.029	0.0291	-	-
R32	0.00019	0.00014	0.00033	-	0.000044	0.029	0.0292	-	-
R33	0.00020	0.00014	0.00034	-	0.000044	0.029	0.0292	-	-
R34	0.00019	0.00014	0.00033	-	0.000044	0.029	0.0292	-	-
R35	0.00184	0.00183	0.00368	-	0.00032	0.029	0.0328	-	-
R36	0.00032	0.00020	0.00052	-	0.00012	0.029	0.0295	-	-
R37	0.00017	0.00012	0.00029	-	0.000044	0.029	0.0291	-	-
R38	0.00026	0.00022	0.00048	-	0.00009	0.029	0.0294	-	-
R39	0.00033	0.00030	0.00062	-	0.00009	0.029	0.0295	-	-
Environmental Assessment Level (EAL)	N/A								
Maximum Project PC	0.0037								
Maximum Project PC (% AQ Criterion)	N/A								
Maximum Project PEC	0.0328								
Maximum PEC (% AQ Criterion)	N/A								

Operational Phase (2025)												
PM _{2.5}												
Annual Mean												
Sensitive Human Receptor	EfW PC (ug/m3)	LWA PC (ug/m3)	Vessel PC (ug/m3)	Road PC (ug/m3)	Project PC (ug/m3)	Project PC % AQ Criterion	Biomass UK No.3 Ltd PC (ug/m3)	Background (ug/m3)	Baseline road contribution (ug/m3)	Project PEC (ug/m3)	PEC % AQ Criterion	Impact Descriptor
R1	0.02	0.03	0.00	0.00	0.05	0.2%	0.02	8.3	0.2	8.5	34%	Negligible
R2	0.02	0.01	0.00	0.01	0.04	0.2%	0.01	8.6	0.1	8.7	35%	Negligible
R3	0.03	0.02	0.01	0.00	0.06	0.2%	0.01	8.5	0.1	8.6	34%	Negligible
R4	0.07	0.04	0.01	0.00	0.11	0.5%	0.02	8.4	0.0	8.6	34%	Negligible
R5	0.12	0.04	0.01	0.00	0.17	0.7%	0.02	8.4	0.0	8.6	35%	Negligible
R6	0.10	0.09	0.00	0.00	0.20	0.8%	0.03	8.4	0.0	8.7	35%	Negligible
R7	0.07	0.11	0.00	0.00	0.18	0.7%	0.02	8.4	0.0	8.6	34%	Negligible
R8	0.05	0.03	0.00	0.00	0.08	0.3%	0.01	8.2	0.0	8.3	33%	Negligible
R9	0.03	0.02	0.00	0.00	0.04	0.2%	0.01	8.1	0.0	8.2	33%	Negligible
R10	0.03	0.02	0.00	0.00	0.05	0.2%	0.01	8.3	0.0	8.4	33%	Negligible
R11	0.03	0.02	0.00	0.00	0.05	0.2%	0.02	8.3	0.0	8.4	34%	Negligible
R12	0.01	0.01	0.00	0.00	0.02	0.1%	0.00	8.8	1.1	10.0	40%	Negligible
R13	0.02	0.02	0.00	0.01	0.05	0.2%	0.01	8.6	0.3	8.9	36%	Negligible
R14	0.02	0.04	0.00	0.00	0.06	0.2%	0.02	8.6	0.2	8.8	35%	Negligible
R15	0.03	0.02	0.00	0.00	0.06	0.2%	0.02	8.3	0.0	8.4	34%	Negligible
R16	0.09	0.04	0.01	0.00	0.14	0.6%	0.02	8.4	0.0	8.6	34%	Negligible
R17	0.03	0.03	0.00	0.00	0.06	0.2%	0.02	8.6	0.1	8.8	35%	Negligible
R18	0.02	0.02	0.00	0.00	0.05	0.2%	0.02	8.4	0.2	8.7	35%	Negligible
R19	0.02	0.01	0.00	0.02	0.05	0.2%	0.01	8.4	2.4	10.9	44%	Negligible
R20	0.02	0.01	0.00	0.01	0.04	0.2%	0.01	8.4	1.9	10.3	41%	Negligible
R21	0.02	0.01	0.00	0.01	0.04	0.2%	0.01	8.4	1.7	10.2	41%	Negligible
R22	0.02	0.02	0.00	0.01	0.04	0.2%	0.01	8.4	0.6	9.1	36%	Negligible
R23	0.02	0.01	0.00	0.00	0.04	0.1%	0.01	8.4	0.2	8.7	35%	Negligible
R24	0.02	0.02	0.00	0.03	0.06	0.3%	0.01	8.4	1.2	9.7	39%	Negligible
R25	0.02	0.02	0.00	0.01	0.05	0.2%	0.01	8.4	0.5	9.0	36%	Negligible
R26	0.02	0.02	0.00	0.01	0.04	0.2%	0.01	8.4	0.5	9.0	36%	Negligible
R27	0.01	0.01	0.00	0.01	0.03	0.1%	0.00	8.8	3.5	12.4	50%	Negligible
R28	0.01	0.01	0.00	0.01	0.03	0.1%	0.00	8.8	3.6	12.4	50%	Negligible
R29	0.01	0.01	0.00	0.01	0.03	0.1%	0.00	8.6	2.0	10.7	43%	Negligible
R30	0.01	0.01	0.00	0.01	0.03	0.1%	0.00	8.8	2.0	10.8	43%	Negligible
R31	0.01	0.01	0.00	0.01	0.02	0.1%	0.00	8.5	3.4	12.0	48%	Negligible
R32	0.02	0.03	0.00	0.00	0.05	0.2%	0.00	8.5	3.1	11.6	47%	Negligible
R33	0.02	0.01	0.00	0.00	0.04	0.1%	0.00	8.5	1.4	10.0	40%	Negligible
R34	0.03	0.02	0.01	0.01	0.06	0.3%	0.00	8.6	1.5	10.2	41%	Negligible
R35	0.12	0.11	0.01	0.00	0.24	0.9%	0.03	8.4	0.0	8.7	35%	Negligible
R36	0.09	0.04	0.01	0.00	0.13	0.5%	0.01	8.5	0.1	8.7	35%	Negligible
R37	0.07	0.07	0.00	0.01	0.16	0.6%	0.00	8.5	4.3	13.0	52%	Negligible
R38	0.07	0.11	0.00	0.00	0.18	0.7%	0.01	8.4	0.7	9.3	37%	Negligible
R39	0.05	0.03	0.00	0.00	0.09	0.3%	0.01	8.4	0.8	9.3	37%	Negligible
UK Air Quality Target	25											
Maximum Project PC	0.24											
Maximum Project PC (% AQ Criterion)	0.9%											
Maximum Project PEC	13.0											
Maximum PEC (% AQ Criterion)	52%											

Operational Phase (2025)																			
PM ₁₀																			
Sensitive Human Receptor	Annual Mean											24-hour Mean (90.41th Percentile)							
	EfW PC (ug/m3)	LWA PC (ug/m3)	Vessel PC (ug/m3)	Road PC (ug/m3)	Project PC (ug/m3)	Project PC % AQ Criterion	Biomass UK No.3 Ltd PC (ug/m3)	Background (ug/m3)	Baseline road contribution (ug/m3)	Project PEC (ug/m3)	PEC % AQ Criterion	Impact Descriptor	Max modelled PC (ug/m3)	PC % AQ Criterion	Biomass UK No.3 Ltd PC (ug/m3)	Background (ug/m3)	Baseline road contribution (ug/m3)	Project PEC (ug/m3)	PEC % AQ Criterion
R1	0.02	0.03	0.00	0.00	0.05	0.1%	0.02	15.3	0.3	15.7	39%	Negligible	0.20	0.4%	0.07	30.6	0.6	31.4	63%
R2	0.02	0.01	0.00	0.01	0.04	0.1%	0.01	15.6	0.2	15.8	40%	Negligible	0.11	0.2%	0.03	31.2	0.4	31.7	63%
R3	0.03	0.02	0.01	0.00	0.06	0.1%	0.01	13.7	0.1	13.9	35%	Negligible	0.21	0.4%	0.04	27.4	0.2	27.9	56%
R4	0.07	0.04	0.01	0.00	0.11	0.3%	0.02	14.9	0.1	15.1	38%	Negligible	0.41	0.8%	0.07	29.7	0.1	30.4	61%
R5	0.12	0.04	0.01	0.00	0.17	0.4%	0.02	14.9	0.1	15.1	38%	Negligible	0.55	1.1%	0.07	29.7	0.1	30.5	61%
R6	0.10	0.09	0.00	0.00	0.20	0.5%	0.03	14.9	0.0	15.1	38%	Negligible	0.69	1.4%	0.10	29.7	0.1	30.6	61%
R7	0.07	0.11	0.00	0.00	0.18	0.5%	0.02	14.9	0.0	15.1	38%	Negligible	0.60	1.2%	0.08	29.7	0.1	30.5	61%
R8	0.05	0.03	0.00	0.00	0.08	0.2%	0.01	15.1	0.0	15.2	38%	Negligible	0.30	0.6%	0.04	30.2	0.0	30.6	61%
R9	0.03	0.02	0.00	0.00	0.05	0.1%	0.01	14.8	0.0	14.9	37%	Negligible	0.16	0.3%	0.04	29.7	0.0	29.9	60%
R10	0.03	0.02	0.00	0.00	0.06	0.1%	0.01	15.3	0.0	15.4	38%	Negligible	0.14	0.3%	0.05	30.6	0.1	30.8	62%
R11	0.03	0.02	0.00	0.00	0.05	0.1%	0.02	15.3	0.1	15.4	39%	Negligible	0.20	0.4%	0.07	30.6	0.1	31.0	62%
R12	0.01	0.01	0.00	0.01	0.03	0.1%	0.00	14.3	2.0	16.3	41%	Negligible	0.07	0.1%	0.01	28.5	4.0	32.6	65%
R13	0.02	0.02	0.00	0.01	0.05	0.1%	0.01	15.6	0.5	16.2	40%	Negligible	0.16	0.3%	0.03	31.2	1.1	32.5	65%
R14	0.02	0.04	0.00	0.00	0.06	0.1%	0.02	15.6	0.3	16.0	40%	Negligible	0.18	0.4%	0.07	31.2	0.6	32.1	64%
R15	0.03	0.02	0.00	0.00	0.06	0.1%	0.02	15.3	0.1	15.4	39%	Negligible	0.21	0.4%	0.07	30.6	0.1	31.0	62%
R16	0.09	0.04	0.01	0.00	0.14	0.3%	0.02	14.9	0.1	15.1	38%	Negligible	0.50	1.0%	0.07	29.7	0.1	30.4	61%
R17	0.03	0.03	0.00	0.00	0.06	0.2%	0.02	15.6	0.2	15.9	40%	Negligible	0.26	0.5%	0.07	31.2	0.5	32.0	64%
R18	0.02	0.02	0.00	0.00	0.05	0.1%	0.02	14.3	0.3	14.7	37%	Negligible	0.21	0.4%	0.07	28.6	0.6	29.5	59%
R19	0.02	0.01	0.00	0.04	0.07	0.2%	0.01	14.3	4.3	18.6	47%	Negligible	0.13	0.3%	0.03	28.6	8.6	37.3	75%
R20	0.02	0.01	0.00	0.03	0.06	0.1%	0.01	14.3	3.3	17.7	44%	Negligible	0.13	0.3%	0.03	28.6	6.7	35.4	71%
R21	0.02	0.01	0.00	0.03	0.06	0.1%	0.01	14.3	3.1	17.4	44%	Negligible	0.14	0.3%	0.03	28.6	6.2	35.0	70%
R22	0.02	0.02	0.00	0.01	0.05	0.1%	0.01	14.3	1.1	15.4	39%	Negligible	0.17	0.3%	0.03	28.6	2.2	31.0	62%
R23	0.02	0.01	0.00	0.01	0.04	0.1%	0.01	14.3	0.4	14.8	37%	Negligible	0.15	0.3%	0.03	28.6	0.9	29.7	59%
R24	0.02	0.02	0.00	0.05	0.09	0.2%	0.01	14.3	2.2	16.6	42%	Negligible	0.16	0.3%	0.03	28.6	4.5	33.3	67%
R25	0.02	0.02	0.00	0.02	0.06	0.2%	0.01	14.3	1.0	15.3	38%	Negligible	0.17	0.3%	0.03	28.6	2.0	30.8	62%
R26	0.02	0.02	0.00	0.01	0.05	0.1%	0.01	14.3	1.0	15.3	38%	Negligible	0.16	0.3%	0.03	28.6	2.0	30.8	62%
R27	0.01	0.01	0.00	0.01	0.03	0.1%	0.00	14.3	6.2	20.5	51%	Negligible	0.07	0.1%	0.01	28.5	12.5	41.1	82%
R28	0.01	0.01	0.00	0.00	0.02	0.0%	0.00	14.3	6.2	20.5	51%	Negligible	0.07	0.1%	0.01	28.5	12.5	41.0	82%
R29	0.01	0.01	0.00	0.00	0.03	0.1%	0.00	13.8	3.6	17.4	43%	Negligible	0.11	0.2%	0.01	27.6	7.1	34.8	70%
R30	0.01	0.01	0.00	0.02	0.04	0.1%	0.00	14.3	3.5	17.8	44%	Negligible	0.08	0.2%	0.01	28.5	7.0	35.6	71%
R31	0.01	0.01	0.00	0.02	0.04	0.1%	0.00	13.7	6.1	19.8	50%	Negligible	0.06	0.1%	0.01	27.4	12.2	39.7	79%
R32	0.02	0.03	0.00	0.03	0.08	0.2%	0.00	13.7	5.4	19.2	48%	Negligible	0.08	0.2%	0.01	27.4	10.9	38.4	77%
R33	0.02	0.01	0.00	0.01	0.05	0.1%	0.00	13.7	2.5	16.3	41%	Negligible	0.08	0.2%	0.01	27.4	5.1	32.6	65%
R34	0.03	0.02	0.01	0.02	0.08	0.2%	0.00	13.8	2.6	16.5	41%	Negligible	0.08	0.2%	0.01	27.6	5.3	33.0	66%
R35	0.12	0.11	0.01	0.00	0.24	0.6%	0.03	14.9	0.0	15.2	38%	Negligible	0.79	1.6%	0.10	29.7	0.1	30.7	61%
R36	0.09	0.04	0.01	0.00	0.13	0.3%	0.01	13.7	0.1	14.0	35%	Negligible	0.14	0.3%	0.04	27.4	0.3	27.9	56%
R37	0.07	0.07	0.00	0.04	0.19	0.5%	0.00	13.7	7.6	21.5	54%	Negligible	0.07	0.1%	0.01	27.4	15.3	42.8	86%
R38	0.07	0.11	0.00	0.01	0.18	0.5%	0.01	14.3	1.3	15.7	39%	Negligible	0.14	0.3%	0.03	28.6	2.5	31.3	63%
R39	0.05	0.03	0.00	0.01	0.09	0.2%	0.01	14.3	1.4	15.8	39%	Negligible	0.18	0.4%	0.03	28.6	2.8	31.6	63%
UK Air Quality Objective	40											50							
Maximum Project PC	0.24											0.79							
Maximum Project PC (% AQ Criterion)	0.6%											1.6%							
Maximum Project PEC	21.5											42.8							
Maximum PEC (% AQ Criterion)	54%											86%							

Operational Phase (2025)															
Sb															
Sensitive Human Receptor	Annual Mean									1-hour Mean					
	EfW PC (ug/m3)	LWA PC (ug/m3)	Project PC (ug/m3)	PC % AQ Criterion	Biomass UK No.3 Ltd PC (ug/m3)	Background (ug/m3)	Project PEC (ug/m3)	PEC % AQ Criterion	Impact Descriptor	Max Stack PC (ug/m3)	PC % AQ Criterion	Biomass UK No.3 Ltd PC (ug/m3)	Background (ug/m3)	Project PEC (ug/m3)	PEC % AQ Criterion
R1	0.00002	0.00004	0.00006	0.0%	0.0017	0.0000	0.00176	0.0%	Negligible	0.14	0.1%	0.03	0.00	0.17	0.1%
R2	0.00003	0.00002	0.00005	0.0%	0.0017	0.0000	0.00175	0.0%	Negligible	0.14	0.1%	0.03	0.00	0.17	0.1%
R3	0.00004	0.00002	0.00006	0.0%	0.0017	0.0000	0.00176	0.0%	Negligible	0.12	0.1%	0.03	0.00	0.15	0.1%
R4	0.00009	0.00005	0.00015	0.0%	0.0017	0.0000	0.00185	0.0%	Negligible	0.13	0.1%	0.03	0.00	0.16	0.1%
R5	0.00017	0.00006	0.00023	0.0%	0.0017	0.0000	0.00193	0.0%	Negligible	0.15	0.1%	0.03	0.00	0.18	0.1%
R6	0.00014	0.00013	0.00027	0.0%	0.0017	0.0000	0.00197	0.0%	Negligible	0.18	0.1%	0.03	0.00	0.21	0.1%
R7	0.00010	0.00015	0.00024	0.0%	0.0017	0.0000	0.00194	0.0%	Negligible	0.15	0.1%	0.03	0.00	0.18	0.1%
R8	0.00006	0.00005	0.00011	0.0%	0.0017	0.0000	0.00181	0.0%	Negligible	0.12	0.1%	0.03	0.00	0.15	0.1%
R9	0.00004	0.00002	0.00006	0.0%	0.0017	0.0000	0.00176	0.0%	Negligible	0.13	0.1%	0.03	0.00	0.16	0.1%
R10	0.00004	0.00003	0.00007	0.0%	0.0017	0.0000	0.00177	0.0%	Negligible	0.17	0.1%	0.03	0.00	0.20	0.1%
R11	0.00004	0.00003	0.00007	0.0%	0.0017	0.0000	0.00177	0.0%	Negligible	0.15	0.1%	0.03	0.00	0.18	0.1%
R12	0.00002	0.00001	0.00003	0.0%	0.0017	0.0000	0.00173	0.0%	Negligible	0.10	0.1%	0.03	0.00	0.13	0.1%
R13	0.00003	0.00002	0.00005	0.0%	0.0017	0.0000	0.00175	0.0%	Negligible	0.12	0.1%	0.03	0.00	0.15	0.1%
R14	0.00002	0.00005	0.00007	0.0%	0.0017	0.0000	0.00177	0.0%	Negligible	0.15	0.1%	0.03	0.00	0.18	0.1%
R15	0.00005	0.00003	0.00008	0.0%	0.0017	0.0000	0.00178	0.0%	Negligible	0.18	0.1%	0.03	0.00	0.21	0.1%
R16	0.00013	0.00005	0.00018	0.0%	0.0017	0.0000	0.00188	0.0%	Negligible	0.15	0.1%	0.03	0.00	0.18	0.1%
R17	0.00004	0.00004	0.00008	0.0%	0.0017	0.0000	0.00178	0.0%	Negligible	0.12	0.1%	0.03	0.00	0.15	0.1%
R18	0.00003	0.00003	0.00006	0.0%	0.0017	0.0000	0.00176	0.0%	Negligible	0.12	0.1%	0.03	0.00	0.15	0.1%
R19	0.00002	0.00002	0.00004	0.0%	0.0017	0.0000	0.00174	0.0%	Negligible	0.13	0.1%	0.03	0.00	0.16	0.1%
R20	0.00002	0.00002	0.00004	0.0%	0.0017	0.0000	0.00174	0.0%	Negligible	0.14	0.1%	0.03	0.00	0.17	0.1%
R21	0.00002	0.00002	0.00004	0.0%	0.0017	0.0000	0.00174	0.0%	Negligible	0.13	0.1%	0.03	0.00	0.16	0.1%
R22	0.00003	0.00002	0.00005	0.0%	0.0017	0.0000	0.00175	0.0%	Negligible	0.12	0.1%	0.03	0.00	0.15	0.1%
R23	0.00002	0.00002	0.00004	0.0%	0.0017	0.0000	0.00174	0.0%	Negligible	0.13	0.1%	0.03	0.00	0.16	0.1%
R24	0.00003	0.00002	0.00005	0.0%	0.0017	0.0000	0.00175	0.0%	Negligible	0.13	0.1%	0.03	0.00	0.16	0.1%
R25	0.00003	0.00002	0.00005	0.0%	0.0017	0.0000	0.00175	0.0%	Negligible	0.12	0.1%	0.03	0.00	0.15	0.1%
R26	0.00003	0.00002	0.00005	0.0%	0.0017	0.0000	0.00175	0.0%	Negligible	0.12	0.1%	0.03	0.00	0.15	0.1%
R27	0.00001	0.00001	0.00002	0.0%	0.0017	0.0000	0.00172	0.0%	Negligible	0.10	0.1%	0.03	0.00	0.13	0.1%
R28	0.00001	0.00001	0.00002	0.0%	0.0017	0.0000	0.00172	0.0%	Negligible	0.10	0.1%	0.03	0.00	0.13	0.1%
R29	0.00002	0.00001	0.00003	0.0%	0.0017	0.0000	0.00173	0.0%	Negligible	0.10	0.1%	0.03	0.00	0.13	0.1%
R30	0.00001	0.00001	0.00003	0.0%	0.0017	0.0000	0.00173	0.0%	Negligible	0.10	0.1%	0.03	0.00	0.13	0.1%
R31	0.00001	0.00001	0.00002	0.0%	0.0017	0.0000	0.00172	0.0%	Negligible	0.10	0.1%	0.03	0.00	0.13	0.1%
R32	0.00002	0.00001	0.00003	0.0%	0.0017	0.0000	0.00173	0.0%	Negligible	0.10	0.1%	0.03	0.00	0.13	0.1%
R33	0.00002	0.00001	0.00003	0.0%	0.0017	0.0000	0.00173	0.0%	Negligible	0.11	0.1%	0.03	0.00	0.14	0.1%
R34	0.00002	0.00001	0.00003	0.0%	0.0017	0.0000	0.00173	0.0%	Negligible	0.10	0.1%	0.03	0.00	0.13	0.1%
R35	0.00016	0.00016	0.00032	0.0%	0.0017	0.0000	0.00202	0.0%	Negligible	0.21	0.1%	0.03	0.00	0.24	0.2%
R36	0.00003	0.00002	0.00004	0.0%	0.0017	0.0000	0.00174	0.0%	Negligible	0.12	0.1%	0.03	0.00	0.15	0.1%
R37	0.00001	0.00001	0.00003	0.0%	0.0017	0.0000	0.00173	0.0%	Negligible	0.11	0.1%	0.03	0.00	0.14	0.1%
R38	0.00002	0.00002	0.00004	0.0%	0.0017	0.0000	0.00174	0.0%	Negligible	0.12	0.1%	0.03	0.00	0.15	0.1%
R39	0.00003	0.00003	0.00005	0.0%	0.0017	0.0000	0.00175	0.0%	Negligible	0.14	0.1%	0.03	0.00	0.17	0.1%
Environment Assessment Level (EAL)	5									150					
Maximum Project PC	0.00032									0.21					
Maximum Project PC (% AQ Criterion)	0.0%									0.1%					
Maximum Project PEC	0.00202									0.24					
Maximum PEC (% AQ Criterion)	0.0%									0.2%					

Operational Phase (2025)																		
SO ₂																		
Sensitive Human Receptor	1-hour Mean (99.73th Percentile)						24-hour Mean (99.18th Percentile)						15-min Mean (99.9th Percentile)					
	Max modelled PC (ug/m3)	PC % AQ Criterion	Biomass UK No.3 Ltd PC (ug/m3)	Background (ug/m3)	Project PEC (ug/m3)	PEC % AQ Criterion	Max modelled PC (ug/m3)	Project PC as % of Criteria	Biomass UK No.3 Ltd PC (ug/m3)	Background (ug/m3)	Project PEC (ug/m3)	PEC % AQ Criterion	Max modelled PC (ug/m3)	PC % AQ Criterion	Biomass UK No.3 Ltd PC (ug/m3)	Background (ug/m3)	Project PEC (ug/m3)	PEC % AQ Criterion
R1	7.9	2%	8.4	4.8	21.1	6%	5.9	5%	1.0	4.8	11.7	9%	11.3	4%	12.1	4.8	28.3	11%
R2	9.7	3%	7.8	4.5	22.0	6%	3.5	3%	0.5	4.5	8.5	7%	11.3	4%	11.3	4.5	27.1	10%
R3	9.2	3%	7.2	5.5	21.9	6%	4.3	3%	0.7	5.5	10.5	8%	10.2	4%	10.2	5.5	25.9	10%
R4	12.5	4%	8.2	5.4	26.1	7%	6.0	5%	0.9	5.4	12.3	10%	13.5	5%	11.7	5.4	30.7	12%
R5	13.5	4%	8.3	5.4	27.3	8%	8.7	7%	0.8	5.4	14.9	12%	14.5	5%	11.9	5.4	31.8	12%
R6	15.9	5%	9.1	5.4	30.4	9%	8.6	7%	1.2	5.4	15.2	12%	17.7	7%	13.0	5.4	36.1	14%
R7	13.7	4%	7.7	5.4	26.8	8%	8.0	6%	0.8	5.4	14.3	11%	15.1	6%	11.5	5.4	32.0	12%
R8	7.6	2%	5.6	7.2	20.5	6%	3.7	3%	0.4	7.2	11.3	9%	8.6	3%	9.2	7.2	25.0	9%
R9	10.9	3%	6.4	6.7	24.0	7%	4.7	4%	0.6	6.7	12.0	10%	12.5	5%	10.1	6.7	29.2	11%
R10	15.6	4%	7.9	4.8	28.3	8%	9.6	8%	0.7	4.8	15.2	12%	16.5	6%	11.7	4.8	33.1	12%
R11	13.8	4%	7.8	4.8	26.4	8%	6.1	5%	1.0	4.8	12.0	10%	15.3	6%	10.9	4.8	31.0	12%
R12	5.4	2%	4.4	4.6	14.4	4%	2.1	2%	0.4	4.6	7.2	6%	6.6	2%	6.5	4.6	17.7	7%
R13	10.0	3%	7.8	4.5	22.3	6%	3.8	3%	0.5	4.5	8.9	7%	11.2	4%	11.3	4.5	27.0	10%
R14	8.4	2%	8.4	4.5	21.3	6%	6.4	5%	1.0	4.5	11.9	10%	10.1	4%	12.1	4.5	26.7	10%
R15	15.4	4%	7.8	4.8	28.0	8%	7.8	6%	1.0	4.8	13.6	11%	17.5	7%	10.9	4.8	33.2	12%
R16	13.3	4%	8.3	5.4	27.1	8%	7.2	6%	0.8	5.4	13.4	11%	14.2	5%	11.9	5.4	31.5	12%
R17	10.0	3%	8.4	4.5	22.9	7%	6.3	5%	1.0	4.5	11.8	9%	11.4	4%	12.1	4.5	28.0	11%
R18	8.8	3%	8.4	4.4	21.6	6%	3.7	3%	1.0	4.4	9.0	7%	9.8	4%	12.1	4.4	26.3	10%
R19	6.7	2%	7.8	4.4	18.9	5%	2.6	2%	0.5	4.4	7.5	6%	8.0	3%	11.3	4.4	23.7	9%
R20	6.7	2%	7.8	4.4	18.9	5%	2.5	2%	0.5	4.4	7.4	6%	7.9	3%	11.3	4.4	23.6	9%
R21	6.8	2%	7.8	4.4	19.0	5%	2.7	2%	0.5	4.4	7.7	6%	8.7	3%	11.3	4.4	24.4	9%
R22	7.4	2%	7.8	4.4	19.6	6%	3.3	3%	0.5	4.4	8.2	7%	10.9	4%	11.3	4.4	26.6	10%
R23	7.5	2%	7.8	4.4	19.7	6%	2.4	2%	0.5	4.4	7.4	6%	8.4	3%	11.3	4.4	24.1	9%
R24	7.8	2%	7.8	4.4	20.0	6%	3.1	2%	0.5	4.4	8.0	6%	8.9	3%	11.3	4.4	24.6	9%
R25	8.3	2%	7.8	4.4	20.5	6%	3.2	3%	0.5	4.4	8.2	7%	9.2	3%	11.3	4.4	24.9	9%
R26	8.2	2%	7.8	4.4	20.4	6%	3.4	3%	0.5	4.4	8.3	7%	9.0	3%	11.3	4.4	24.7	9%
R27	5.0	1%	4.4	4.6	14.1	4%	1.8	1%	0.4	4.6	6.8	5%	6.6	2%	6.5	4.6	17.7	7%
R28	4.8	1%	4.4	4.6	13.9	4%	1.6	1%	0.4	4.6	6.6	5%	6.1	2%	6.5	4.6	17.3	6%
R29	4.6	1%	4.4	5.1	14.1	4%	2.1	2%	0.4	5.1	7.6	6%	6.0	2%	6.5	5.1	17.6	7%
R30	5.1	1%	4.4	4.6	14.2	4%	1.7	1%	0.4	4.6	6.8	5%	6.5	2%	6.5	4.6	17.6	7%
R31	4.1	1%	4.4	4.9	13.4	4%	1.3	1%	0.4	4.9	6.6	5%	5.7	2%	6.5	4.9	17.1	6%
R32	7.9	2%	4.4	4.9	17.2	5%	5.9	5%	0.4	4.9	11.2	9%	11.3	4%	6.5	4.9	22.7	9%
R33	9.7	3%	4.4	4.9	19.0	5%	3.5	3%	0.4	4.9	8.8	7%	11.3	4%	6.5	4.9	22.7	9%
R34	9.2	3%	4.4	5.1	18.7	5%	4.3	3%	0.4	5.1	9.8	8%	10.2	4%	6.5	5.1	21.8	8%
R35	19.1	5%	9.1	5.4	33.6	10%	9.4	7%	1.2	5.4	16.0	13%	21.0	8%	13.0	5.4	39.5	15%
R36	13.4	4%	7.2	5.5	26.1	7%	8.2	7%	0.7	5.5	14.4	12%	14.5	5%	10.2	5.5	30.2	11%
R37	15.9	5%	4.4	4.9	25.2	7%	7.8	6%	0.4	4.9	13.1	10%	17.5	7%	6.5	4.9	28.9	11%
R38	13.7	4%	7.8	4.4	25.9	7%	8.0	6%	0.5	4.4	13.0	10%	15.1	6%	11.3	4.4	30.8	12%
R39	7.6	2%	7.8	4.4	19.8	6%	3.7	3%	0.5	4.4	8.6	7%	8.5	3%	11.3	4.4	24.2	9%
UK Air Quality Objective	350						125						266					
Maximum Project PC	19.1						9.6						21.0					
Maximum Project PC (% AQ Criterion)	5%						8%						8%					
Maximum Project PEC	33.6						16.0						39.5					
Maximum PEC (% AQ Criterion)	10%						13%						15%					

Operational Phase (2025)															
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Sensitive Human Receptor	Annual Mean									1-hour Mean					
	EfW PC (ug/m3)	LWA PC (ug/m3)	Project PC (ug/m3)	PC % AQ Criterion	Biomass UK No.3 Ltd PC (ug/m3)	Background (ug/m3)	Project PEC (ug/m3)	PEC % AQ Criterion	Impact Descriptor	Max Stack PC (ug/m3)	PC % AQ Criterion	Biomass UK No.3 Ltd PC (ug/m3)	Background (ug/m3)	Project PEC (ug/m3)	PEC % AQ Criterion
R1	0.0001	0.0001	0.0002	0.0%	0.0002	-	0.0004	0.0%	Negligible	0.009	0.0%	0.003	-	0.012	0.0%
R2	0.0001	0.0001	0.0001	0.0%	0.0002	-	0.0003	0.0%	Negligible	0.009	0.0%	0.003	-	0.012	0.0%
R3	0.0001	0.0001	0.0002	0.0%	0.0002	-	0.0004	0.0%	Negligible	0.008	0.0%	0.003	-	0.011	0.0%
R4	0.0003	0.0002	0.0004	0.0%	0.0002	-	0.0006	0.1%	Negligible	0.009	0.0%	0.003	-	0.012	0.0%
R5	0.0005	0.0002	0.0007	0.1%	0.0002	-	0.0008	0.1%	Negligible	0.010	0.0%	0.003	-	0.013	0.0%
R6	0.0004	0.0004	0.0008	0.1%	0.0002	-	0.0010	0.1%	Negligible	0.012	0.0%	0.003	-	0.015	0.0%
R7	0.0003	0.0004	0.0007	0.1%	0.0002	-	0.0009	0.1%	Negligible	0.010	0.0%	0.003	-	0.013	0.0%
R8	0.0002	0.0001	0.0003	0.0%	0.0002	-	0.0005	0.0%	Negligible	0.008	0.0%	0.003	-	0.011	0.0%
R9	0.0001	0.0001	0.0002	0.0%	0.0002	-	0.0003	0.0%	Negligible	0.008	0.0%	0.003	-	0.011	0.0%
R10	0.0001	0.0001	0.0002	0.0%	0.0002	-	0.0004	0.0%	Negligible	0.012	0.0%	0.003	-	0.015	0.0%
R11	0.0001	0.0001	0.0002	0.0%	0.0002	-	0.0004	0.0%	Negligible	0.010	0.0%	0.003	-	0.013	0.0%
R12	0.0000	0.0000	0.0001	0.0%	0.0002	-	0.0002	0.0%	Negligible	0.007	0.0%	0.003	-	0.010	0.0%
R13	0.0001	0.0001	0.0002	0.0%	0.0002	-	0.0003	0.0%	Negligible	0.008	0.0%	0.003	-	0.011	0.0%
R14	0.0001	0.0001	0.0002	0.0%	0.0002	-	0.0004	0.0%	Negligible	0.010	0.0%	0.003	-	0.013	0.0%
R15	0.0001	0.0001	0.0002	0.0%	0.0002	-	0.0004	0.0%	Negligible	0.012	0.0%	0.003	-	0.015	0.1%
R16	0.0004	0.0002	0.0005	0.1%	0.0002	-	0.0007	0.1%	Negligible	0.010	0.0%	0.003	-	0.013	0.0%
R17	0.0001	0.0001	0.0002	0.0%	0.0002	-	0.0004	0.0%	Negligible	0.008	0.0%	0.003	-	0.011	0.0%
R18	0.0001	0.0001	0.0002	0.0%	0.0002	-	0.0004	0.0%	Negligible	0.008	0.0%	0.003	-	0.011	0.0%
R19	0.0001	0.0001	0.0001	0.0%	0.0002	-	0.0003	0.0%	Negligible	0.009	0.0%	0.003	-	0.012	0.0%
R20	0.0001	0.0001	0.0001	0.0%	0.0002	-	0.0003	0.0%	Negligible	0.009	0.0%	0.003	-	0.012	0.0%
R21	0.0001	0.0001	0.0001	0.0%	0.0002	-	0.0003	0.0%	Negligible	0.009	0.0%	0.003	-	0.012	0.0%
R22	0.0001	0.0001	0.0001	0.0%	0.0002	-	0.0003	0.0%	Negligible	0.008	0.0%	0.003	-	0.011	0.0%
R23	0.0001	0.0001	0.0001	0.0%	0.0002	-	0.0003	0.0%	Negligible	0.009	0.0%	0.003	-	0.012	0.0%
R24	0.0001	0.0001	0.0001	0.0%	0.0002	-	0.0003	0.0%	Negligible	0.009	0.0%	0.003	-	0.012	0.0%
R25	0.0001	0.0001	0.0001	0.0%	0.0002	-	0.0003	0.0%	Negligible	0.008	0.0%	0.003	-	0.011	0.0%
R26	0.0001	0.0001	0.0001	0.0%	0.0002	-	0.0003	0.0%	Negligible	0.008	0.0%	0.003	-	0.011	0.0%
R27	0.0000	0.0000	0.0001	0.0%	0.0002	-	0.0002	0.0%	Negligible	0.007	0.0%	0.003	-	0.010	0.0%
R28	0.0000	0.0000	0.0001	0.0%	0.0002	-	0.0002	0.0%	Negligible	0.007	0.0%	0.003	-	0.010	0.0%
R29	0.0001	0.0000	0.0001	0.0%	0.0002	-	0.0003	0.0%	Negligible	0.007	0.0%	0.003	-	0.010	0.0%
R30	0.0000	0.0000	0.0001	0.0%	0.0002	-	0.0002	0.0%	Negligible	0.007	0.0%	0.003	-	0.010	0.0%
R31	0.0000	0.0000	0.0001	0.0%	0.0002	-	0.0002	0.0%	Negligible	0.006	0.0%	0.003	-	0.009	0.0%
R32	0.0000	0.0000	0.0001	0.0%	0.0002	-	0.0003	0.0%	Negligible	0.007	0.0%	0.003	-	0.010	0.0%
R33	0.0000	0.0000	0.0001	0.0%	0.0002	-	0.0003	0.0%	Negligible	0.007	0.0%	0.003	-	0.010	0.0%
R34	0.0000	0.0000	0.0001	0.0%	0.0002	-	0.0003	0.0%	Negligible	0.007	0.0%	0.003	-	0.010	0.0%
R35	0.0005	0.0005	0.0009	0.1%	0.0002	-	0.0011	0.1%	Negligible	0.014	0.0%	0.003	-	0.017	0.1%
R36	0.0001	0.0000	0.0001	0.0%	0.0002	-	0.0003	0.0%	Negligible	0.008	0.0%	0.003	-	0.011	0.0%
R37	0.0000	0.0000	0.0001	0.0%	0.0002	-	0.0002	0.0%	Negligible	0.007	0.0%	0.003	-	0.010	0.0%
R38	0.0001	0.0001	0.0001	0.0%	0.0002	-	0.0003	0.0%	Negligible	0.008	0.0%	0.003	-	0.011	0.0%
R39	0.0001	0.0001	0.0002	0.0%	0.0002	-	0.0003	0.0%	Negligible	0.009	0.0%	0.003	-	0.012	0.0%
Environment Assessment Level (EAL)	1									30					
Maximum Project PC	0.0009									0.014					
Maximum Project PC (% AQ Criterion)	0.1%									0.0%					
Maximum Project PEC	0.0011									0.017					
Maximum PEC (% AQ Criterion)	0.1%									0.1%					

Operational Phase (2025)									
TOC (as Benzene)									
Annual Mean									
Sensitive Human Receptor	EfW PC (ug/m3)	LWA PC (ug/m3)	Project PC (ug/m3)	PC % AQ Criterion	Biomass UK No.3 Ltd PC (ug/m3)	Background (ug/m3)	Project PEC (ug/m3)	PEC % AQ Criterion	Impact Descriptor
R1	0.04	0.06	0.09	2%	0.02	0.42	0.53	11%	Negligible
R2	0.04	0.03	0.07	1%	0.01	0.46	0.54	11%	Negligible
R3	0.06	0.03	0.09	2%	0.01	0.53	0.64	13%	Negligible
R4	0.13	0.08	0.21	4%	0.02	0.46	0.69	14%	Negligible
R5	0.24	0.09	0.33	7%	0.02	0.46	0.81	16%	Slight
R6	0.20	0.19	0.39	8%	0.03	0.46	0.88	18%	Slight
R7	0.14	0.22	0.35	7%	0.02	0.46	0.84	17%	Slight
R8	0.09	0.07	0.16	3%	0.01	0.40	0.57	11%	Negligible
R9	0.05	0.03	0.09	2%	0.01	0.42	0.52	10%	Negligible
R10	0.06	0.04	0.11	2%	0.01	0.42	0.54	11%	Negligible
R11	0.05	0.04	0.10	2%	0.02	0.42	0.54	11%	Negligible
R12	0.02	0.02	0.04	1%	0.00	0.49	0.53	11%	Negligible
R13	0.04	0.03	0.08	2%	0.01	0.46	0.55	11%	Negligible
R14	0.03	0.07	0.10	2%	0.02	0.46	0.58	12%	Negligible
R15	0.07	0.04	0.11	2%	0.02	0.42	0.55	11%	Negligible
R16	0.18	0.08	0.26	5%	0.02	0.46	0.74	15%	Negligible
R17	0.06	0.06	0.12	2%	0.02	0.46	0.60	12%	Negligible
R18	0.05	0.04	0.09	2%	0.02	0.48	0.59	12%	Negligible
R19	0.03	0.03	0.06	1%	0.01	0.48	0.55	11%	Negligible
R20	0.03	0.03	0.06	1%	0.01	0.48	0.55	11%	Negligible
R21	0.03	0.03	0.06	1%	0.01	0.48	0.55	11%	Negligible
R22	0.04	0.03	0.07	1%	0.01	0.48	0.56	11%	Negligible
R23	0.04	0.03	0.06	1%	0.01	0.48	0.55	11%	Negligible
R24	0.04	0.03	0.07	1%	0.01	0.48	0.56	11%	Negligible
R25	0.04	0.03	0.07	1%	0.01	0.48	0.56	11%	Negligible
R26	0.04	0.03	0.07	1%	0.01	0.48	0.56	11%	Negligible
R27	0.02	0.02	0.04	1%	0.00	0.49	0.53	11%	Negligible
R28	0.02	0.01	0.03	1%	0.00	0.49	0.53	11%	Negligible
R29	0.03	0.02	0.05	1%	0.00	0.51	0.56	11%	Negligible
R30	0.02	0.02	0.04	1%	0.00	0.49	0.53	11%	Negligible
R31	0.02	0.01	0.03	1%	0.00	0.51	0.54	11%	Negligible
R32	0.02	0.02	0.04	1%	0.00	0.51	0.56	11%	Negligible
R33	0.02	0.02	0.04	1%	0.00	0.51	0.56	11%	Negligible
R34	0.02	0.02	0.04	1%	0.00	0.51	0.56	11%	Negligible
R35	0.23	0.23	0.46	9%	0.03	0.46	0.95	19%	Slight
R36	0.04	0.02	0.06	1%	0.01	0.53	0.61	12%	Negligible
R37	0.02	0.02	0.04	1%	0.00	0.53	0.57	11%	Negligible
R38	0.03	0.03	0.06	1%	0.01	0.53	0.60	12%	Negligible
R39	0.04	0.04	0.08	2%	0.01	0.53	0.62	12%	Negligible
Uk Air Quality Objective	5								
Maximum Project PC	0.5								
Maximum Project PC (% AQ Criterion)	9%								
Maximum Project PEC	1.0								
Maximum PEC (% AQ Criterion)	19%								

Operational Phase (2025)															
V															
Sensitive Human Receptor	Annual Mean									1-hour Mean					
	EfW PC (ug/m3)	LWA PC (ug/m3)	Project PC (ug/m3)	PC % AQ Criterion	Biomass UK No.3 Ltd PC (ug/m3)	Background (ug/m3)	Project PEC (ug/m3)	PEC % AQ Criterion	Impact Descriptor	Max Stack PC (ug/m3)	PC % AQ Criterion	Biomass UK No.3 Ltd PC (ug/m3)	Background (ug/m3)	Project PEC (ug/m3)	PEC % AQ Criterion
R1	0.0000	0.0000	0.0000	0%	0.00170	0.00092	0.00266	0%	Negligible	0.14	14%	0.02	0.00	0.16	16%
R2	0.0000	0.0000	0.0000	0%	0.00170	0.00092	0.00265	0%	Negligible	0.14	14%	0.02	0.00	0.16	16%
R3	0.0000	0.0000	0.0000	0%	0.00170	0.00092	0.00266	0%	Negligible	0.12	12%	0.02	0.00	0.14	14%
R4	0.0000	0.0000	0.0001	0%	0.00170	0.00092	0.00270	0%	Negligible	0.13	13%	0.02	0.00	0.15	15%
R5	0.0001	0.0000	0.0001	0%	0.00170	0.00092	0.00274	0%	Negligible	0.15	15%	0.02	0.00	0.17	17%
R6	0.0001	0.0001	0.0001	0%	0.00170	0.00092	0.00276	0%	Negligible	0.18	18%	0.02	0.00	0.20	20%
R7	0.0000	0.0001	0.0001	0%	0.00170	0.00092	0.00275	0%	Negligible	0.15	15%	0.02	0.00	0.17	17%
R8	0.0000	0.0000	0.0001	0%	0.00170	0.00092	0.00268	0%	Negligible	0.12	12%	0.02	0.00	0.14	14%
R9	0.0000	0.0000	0.0000	0%	0.00170	0.00092	0.00266	0%	Negligible	0.13	13%	0.02	0.00	0.14	14%
R10	0.0000	0.0000	0.0000	0%	0.00170	0.00092	0.00266	0%	Negligible	0.17	17%	0.02	0.00	0.19	19%
R11	0.0000	0.0000	0.0000	0%	0.00170	0.00092	0.00266	0%	Negligible	0.15	15%	0.02	0.00	0.17	17%
R12	0.0000	0.0000	0.0000	0%	0.00170	0.00092	0.00264	0%	Negligible	0.10	10%	0.02	0.00	0.12	12%
R13	0.0000	0.0000	0.0000	0%	0.00170	0.00092	0.00265	0%	Negligible	0.12	12%	0.02	0.00	0.14	14%
R14	0.0000	0.0000	0.0000	0%	0.00170	0.00092	0.00266	0%	Negligible	0.15	15%	0.02	0.00	0.17	17%
R15	0.0000	0.0000	0.0000	0%	0.00170	0.00092	0.00266	0%	Negligible	0.18	18%	0.02	0.00	0.20	20%
R16	0.0001	0.0000	0.0001	0%	0.00170	0.00092	0.00272	0%	Negligible	0.15	15%	0.02	0.00	0.17	17%
R17	0.0000	0.0000	0.0000	0%	0.00170	0.00092	0.00267	0%	Negligible	0.12	12%	0.02	0.00	0.14	14%
R18	0.0000	0.0000	0.0000	0%	0.00170	0.00092	0.00266	0%	Negligible	0.12	12%	0.02	0.00	0.14	14%
R19	0.0000	0.0000	0.0000	0%	0.00170	0.00092	0.00265	0%	Negligible	0.13	13%	0.02	0.00	0.15	15%
R20	0.0000	0.0000	0.0000	0%	0.00170	0.00092	0.00264	0%	Negligible	0.14	14%	0.02	0.00	0.15	15%
R21	0.0000	0.0000	0.0000	0%	0.00170	0.00092	0.00265	0%	Negligible	0.13	13%	0.02	0.00	0.15	15%
R22	0.0000	0.0000	0.0000	0%	0.00170	0.00092	0.00265	0%	Negligible	0.12	12%	0.02	0.00	0.14	14%
R23	0.0000	0.0000	0.0000	0%	0.00170	0.00092	0.00265	0%	Negligible	0.13	13%	0.02	0.00	0.15	15%
R24	0.0000	0.0000	0.0000	0%	0.00170	0.00092	0.00265	0%	Negligible	0.13	13%	0.02	0.00	0.15	15%
R25	0.0000	0.0000	0.0000	0%	0.00170	0.00092	0.00265	0%	Negligible	0.12	12%	0.02	0.00	0.14	14%
R26	0.0000	0.0000	0.0000	0%	0.00170	0.00092	0.00265	0%	Negligible	0.12	12%	0.02	0.00	0.14	14%
R27	0.0000	0.0000	0.0000	0%	0.00170	0.00092	0.00264	0%	Negligible	0.10	10%	0.02	0.00	0.12	12%
R28	0.0000	0.0000	0.0000	0%	0.00170	0.00092	0.00264	0%	Negligible	0.10	10%	0.02	0.00	0.12	12%
R29	0.0000	0.0000	0.0000	0%	0.00170	0.00092	0.00264	0%	Negligible	0.10	10%	0.02	0.00	0.12	12%
R30	0.0000	0.0000	0.0000	0%	0.00170	0.00092	0.00264	0%	Negligible	0.10	10%	0.02	0.00	0.12	12%
R31	0.0000	0.0000	0.0000	0%	0.00170	0.00092	0.00263	0%	Negligible	0.10	10%	0.02	0.00	0.12	12%
R32	0.0000	0.0000	0.0000	0%	0.00170	0.00092	0.00264	0%	Negligible	0.10	10%	0.02	0.00	0.12	12%
R33	0.0000	0.0000	0.0000	0%	0.00170	0.00092	0.00264	0%	Negligible	0.11	11%	0.02	0.00	0.13	13%
R34	0.0000	0.0000	0.0000	0%	0.00170	0.00092	0.00264	0%	Negligible	0.10	10%	0.02	0.00	0.12	12%
R35	0.0001	0.0001	0.0002	0%	0.00170	0.00092	0.00279	0%	Negligible	0.21	21%	0.02	0.00	0.23	23%
R36	0.0000	0.0000	0.0000	0%	0.00170	0.00092	0.00265	0%	Negligible	0.12	12%	0.02	0.00	0.14	14%
R37	0.0000	0.0000	0.0000	0%	0.00170	0.00092	0.00264	0%	Negligible	0.11	11%	0.02	0.00	0.13	13%
R38	0.0000	0.0000	0.0000	0%	0.00170	0.00092	0.00265	0%	Negligible	0.12	12%	0.02	0.00	0.14	14%
R39	0.0000	0.0000	0.0000	0%	0.00170	0.00092	0.00265	0%	Negligible	0.14	14%	0.02	0.00	0.16	16%
Environment Assessment Level (EAL)	5									1					
Maximum Project PC	0.0002									0.21					
Maximum Project PC (% AQ Criterion)	0%									21%					
Maximum Project PEC	0.00279									0.23					
Maximum PEC (% AQ Criterion)	0%									23%					