

Appendix 7 – Pathhead A68 Scheme DMRB Regional Assessment.

Base Year 2008

Link Name	Representative Link Node	CO	THC	NO _x	PM ₁₀	C
		kg/year	kg/year	kg/year	kg/year	kg/year
A	14:15/15:14	4,156	631	4,980	135	366
B	32:45/45:32	994	150	1,211	33	89
C	116:154/154:116	2,754	413	3,442	95	254
D1	27:28/28:27	21	3	15	0	1
E	37:38/38:37	13	2	7	0	1
Total Emissions		7,937	1,198	9,655	264	711

Without development result – 2010

Link Name	Representative Link Node	CO	THC	NO _x	PM ₁₀	C
		kg/year	kg/year	kg/year	kg/year	kg/year
A	14:15/15:14	3985	602	4291	111	364
B	32:45/45:32	962	146	1034	27	87
C	116:154/154:116	2623	396	2918	76	247
D1	27:28/28:27	31	3	20	1	2
E	37:38/38:37	7	1	3	0	0
Total Emissions		7607	1148	8265	215	701

Without development result – 2025

Link Name	Representative Link Node	CO	THC	NO _x	PM ₁₀	C
		kg/year	kg/year	kg/year	kg/year	kg/year
A	14:15/15:14	4662	711	3626	92	434
B	32:45/45:32	1132	174	869	22	103
C	116:154/154:116	3297	505	2652	68	317
D1	27:28/28:27	36	4	18	1	3
E	37:38/38:37	8	1	2	0	0
Total Emissions		9136	1395	7167	183	858

With development result – 2010

Link Name	Representative Link Node	CO	THC	NO _x	PM ₁₀	C
		kg/year	kg/year	kg/year	kg/year	kg/year
A	14:15/15:14	3913	551	3756	102	344
B	253:45/45:253	878	131	984	26	84
C	154:208z/208z:154	2579	388	2890	76	245
D2	205:206/206:205	41	5	23	1	3
Total Emissions		7412	1076	7652	205	676

With development result – 2025

Link Name	Representative Link Node	CO	THC	NO _x	PM ₁₀	C
		kg/year	kg/year	kg/year	kg/year	kg/year
A	14:15/15:14	4645	707	3641	93	437
B	253:45/45:253	1023	155	830	22	100
C	154:208z/208z:154	3011	460	2452	64	294
D2	205:206/206:205	49	6	20	1	3
Total Emissions		8727	1328	6944	180	833