

Appendix 10: Traffic Data

Baseline Traffic Flows – 18 hour flows used in noise assessment

Distances stated are between the edge of the road and the receptor.

Receptor 1 Marldene

2010	Distance from receptor	Total vehicle flow	HGV%	Vehicle Speed km/hr
A68	100m	9794	8.4	81.4
U77 Fala Dam Road (between A68 and U78 junction)	90m	94	1.0	70.7
2025				
A68	100m	12431	8.9	79.5
U77 Fala Dam Road (between A68 and U78 junction)	90m	120	0.8	69.0

Receptor 2 Crichton Dean

2010	Distance from receptor	Total vehicle flow	HGV%	Vehicle Speed km/hr
A68	160m	9793	8.4	78.1
U77 Fala Dam Road (between A68 and U78 junction)	2m	94	1.0	72.5
2025				
A68	160m	12431	8.9	75.5
U77 Fala Dam Road (between A68 and U78 junction)	2m	120	0.8	72.5

Receptor 3 Haugh Head House

2010	Distance from receptor	Total vehicle flow	HGV%	Vehicle Speed km/hr
A68	202m	9793	8.4	78.1
U77 Fala Dam Road (between A68 and U78 junction)	2m	94	1.1	74.9
2025				
A68	202m	12431	8.9	75.5
U77 Fala Dam Road (between A68 and U78 junction)	2m	120	0.8	74.9

Receptor 4 Routhenhill

2010	Distance from receptor	Total vehicle flow	HGV%	Vehicle Speed km/hr
A68	270m	9654	8.5	77.1
U78 Costerton Road	70m	58	1.7	72.5
U77 Fala Dam Road (east of the junction with U78)	4m	58	1.7	73.0
2025				
A68	270m	12268	9.1	75.0
U78 Costerton Road	70m	75	1.3	74.2
U77 Fala Dam Road (east of the junction with U78)	4m	75	1.3	74.9

Receptor 5 Hope

2010	Distance from receptor	Total vehicle flow	HGV%	Vehicle Speed km/hr
A68	30m	9892	8.4	79.4
2025				

A68	30m	12552	8.9	77.6
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Do Something Traffic Flows – 18 hour flows used in noise assessment

Receptor 1 Marldene

2010	Distance from receptor	Total vehicle flow	HGV%	Vehicle Speed km/hr
A68	98m	9881	8.4	86.4
2025				
A68	98m	12538	8.9	85.0

Receptor 2 Crichton Dean

2010	Distance from receptor	Total vehicle flow	HGV%	Vehicle Speed km/hr
A68	158m	9881	8.4	87.2
2025				
A68	158m	12538	8.9	85.0

Receptor 3 Haugh Head House

2010	Distance from receptor	Total vehicle flow	HGV%	Vehicle Speed km/hr
A68	201m	9881	8.4	85.8
U77 Fala Dam Road (U77 east of the junction with new side road)	180m	58	2.0	52.0
New side road	75m	153	2.0	64.6
2025				
A68	201m	12539	8.9	83.8
U77 Fala Dam Road (U77 east of the junction with new side road)	180m	75	1.5	51.8
New side road	75m	196	1.5	64.3

Receptor 4 Routhenhill

2010	Distance from receptor	Total vehicle flow	HGV%	Vehicle Speed km/hr
A68	270m	9655	8.6	86.7
New side road	185m	153	2.0	64.6
U77 Fala Dam Road (U77 east of the junction with new side road)	4m	58	2.0	52.0
2025				
A68	270m	12268	9.1	84.3
New side road	185m	196	1.5	64.3
U77 Fala Dam Road (U77 east of the junction with new side road)	4m	75	1.5	51.8

Receptor 5 Hope

2010	Distance from receptor	Total vehicle flow	HGV%	Vehicle Speed km/hr
A68	30m	9892	8.4	80.5
2025				
A68	30m	12553	8.9	78.6