

Appendix 16.1

Traffic Flows

Swansea Tidal Lagoon - Traffic flows for Air Quality Assessment

Link	2012 Baseline			2018 Baseline			2018 Baseline + Construction			2018 Baseline + Operational			2018 Baseline +Operational + Cumulative		
	AADT total	HDV %	Speed (kph)	AADT total	HDV %	Speed (kph)	AADT total	HDV %	Speed (kph)	AADT total	HDV %	Speed (kph)	AADT total	HDV %	Speed (kph)
Quay Parade (W)	42956	2.3%	48	45468	2.3%	48	45655	2.3%	48	45556	2.3%	48	50042	2.2%	48
East Bank Way (N)	19540	2.8%	48	20683	2.8%	48	20716	2.8%	48	20699	2.8%	48	21491	2.8%	48
King's Road (S)	4342	1.1%	48	4596	1.1%	48	4596	1.1%	48	4596	1.1%	48	6383	0.8%	48
Fabian Way - E of East Bank Way	34029	2.8%	48	36019	2.8%	48	36239	2.8%	48	36123	2.8%	48	39614	2.6%	48
Fabian Way - W of Port Tennant	31213	3.2%	48	33039	3.2%	48	33259	3.2%	48	33143	3.2%	48	36634	3.0%	48
Port Tennant Rd (N)	5099	1.9%	48	5397	1.9%	48	5397	1.9%	48	5397	1.9%	48	5397	1.9%	48
SA1 access (S)	6994	2.4%	48	7403	2.4%	48	7403	2.4%	48	7403	2.4%	48	9860	1.8%	48
Fabian Way - E of Port Tennant	29954	3.4%	80	31707	3.4%	80	31927	3.4%	80	31811	3.4%	80	34631	3.2%	80
Fabian Way - W of P&R junction	30073	3.2%	80	31832	3.2%	80	32052	3.2%	80	31936	3.2%	80	34756	3.1%	80
P&R access (N)	1081	1.7%	48	1145	1.7%	48	1145	1.7%	48	1145	1.7%	48	1145	1.7%	48
Langdon Rd (S)	8504	11.0%	48	9001	11.0%	48	10045	11.5%	48	9261	10.7%	48	10601	9.3%	48
Fabian Way - E of P&R junction	30957	4.1%	80	32768	4.1%	80	33592	4.5%	80	32924	4.0%	80	37084	3.7%	80
Fabian Way - W of Baldwins Crescent	29986	4.6%	80	31740	4.6%	80	32564	5.0%	80	31896	4.6%	80	36056	4.2%	80

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	AADT total	HDV %	Speed (kph)	AADT total	HDV %	Speed (kph)	AADT total	HDV %	Speed (kph)	AADT total	HDV %	Speed (kph)	AADT total	HDV %	Speed (kph)
Baldwins Crescent (N)	961	34.2%	48	1017	34.2%	48	1017	34.2%	48	1017	34.2%	48	1017	34.2%	48
Baldwins Crescent (S)	819	31.0%	48	867	31.0%	48	867	31.0%	48	867	31.0%	48	867	31.0%	48
Fabian Way - E of Baldwins Crescent	30076	5.2%	80	31835	5.2%	80	32659	5.6%	80	31991	5.2%	80	36151	4.7%	80
Fabian Way - W of Elba Crescent	29954	4.2%	80	31706	4.2%	80	32530	4.6%	80	31862	4.1%	80	35856	3.8%	80
Elba Crescent (N)	945	3.9%	48	1001	3.9%	48	1001	3.9%	48	1001	3.9%	48	1001	3.9%	48
Fabian Way - E of Elba Crescent	30203	4.2%	80	31970	4.2%	80	32794	4.6%	80	32126	4.2%	80	37412	3.9%	80
Fabian Way - W of Fford Amazon	30021	4.3%	80	31778	4.3%	80	32602	4.7%	80	31934	4.3%	80	37220	3.9%	80
Fford Amazon	955	26.0%	48	1011	26.0%	48	1011	26.0%	48	1024	25.6%	48	2792	9.4%	48
B4290	4275	4.2%	48	4526	4.2%	48	4702	4.0%	48	4565	4.2%	48	6180	3.5%	48
Fabian Way - E of Fford Amazon	27900	5.2%	112	29533	5.2%	112	30181	5.6%	112	29637	5.2%	112	33393	4.8%	112
A483 (West of A48 junction)	13845	6.8%	112	14655	6.8%	112	14960	7.0%	112	14707	6.8%	112	16718	6.3%	112
A48 (North)	24656	5.5%	112	26099	5.5%	112	26316	5.6%	112	26112	5.5%	112	27188	5.4%	112
A48 (South)	24326	4.4%	112	25749	4.4%	112	25837	4.4%	112	25788	4.4%	112	26726	4.3%	112