

## **APPENDIX 13.4**

## Appendix 13.4: Road Traffic Noise Assessment Calculations

Table 13.4.1: Road Traffic Assessment 'With' and 'Without' Development

Road	Base			Base + Cumulative Committed Developments			% Flow Change	BNL 18hr			
	2023 (Without Development)			2023 + Development				2023 Without Development	2023 With Development	Change	
	% HGV	Speed (kph)	Flow	% HGV	Speed (kph)	Flow					
1	Caerleon Rd north	3%	30	7,978	2%	30	8,931	11.9	59.8	60.3	0.5
2	Caerleon Rd south	3%	30	8,484	2%	30	9,639	13.6	60.1	60.6	0.6
3	Turner Street	1%	30	3,458	1%	30	4,580	32.4	56.1	57.4	1.3
4	Tesco	0%	30	809	0%	30	922	13.9	46.1	47.2	1.2
5	Trostrey street	6%	30	253	6%	30	271	7.1	33.6	34.4	0.8
6	Clarence Place	3%	30	15,889	3%	30	17,563	7.1	62.8	63.2	0.4
7	East Usk Road	2%	30	872	2%	30	934	77.7	46.7	47.3	0.6
8	Church Road	2%	30	6,699	2%	30	7,728	10.5	59.0	59.6	0.6
9	Chepstow Road	3%	30	7,870	3%	30	8,422	7.0	59.7	60.0	0.3
10	Corporation Road	3%	30	1,632	3%	30	1,746	15.4	51.7	52.2	0.5