

**ATTACHMENT 6 -Comparison of measurements with concentration limits**

NO2	No of 1 hour measurements	Range ug/m3	WHO limits		US Limits		EU and UK-DEFRA limits		Comments
			Annual	1 hour	Annual	1 hour	Annual	1 hour	
4.1-Centre of Village	17	0 -74	40	200	100		40	200	Traffic volume sensitive
4.2-Centre of Village down Pepper St to Hamburger	5	2-48	40	200	100		40	200	Foot/cycle path and across Hamburger the worst
4.3-Littleton A51 junction to VX Golf Club and return	1	2-24	40	200	100		40	200	Constant high levels but half static monitors
4.4-Little Heath Road to A51	1	0-10	40	200	100		40	200	Short duration congestion at school leaving times
PM10			WHO limits		US limits		DEFRA limits		
			Annual	24 hour	Annual	24 hour	Annual	24 hour	
4.1-Centre of Village	17	8 - 85	20	50	50	150	40	50	Traffic volume sensitive
4.2-Centre of Village down Pepper St to Hamburger	5	8-79	20	50	50	150	40	50	Foot/cycle path and across Hamburger the worst
4.3-Littleton A51 junction to VX Golf Club and return	1	27-46	20	50	50	150	40	50	Constant high levels but no static monitoring
4.4-Little Heath Road to A51	1	5-20	20	50	50	150	40	50	Short duration congestion at school leaving times
PM2.5			WHO limits		US limits		DEFRA limits		
			Annual	24 hour	Annual	24 hour	Annual	24 hour	
4.1-Centre of Village	17	2 - 64	10	25	12	35	25		Not traffic volume sensitive DEFRA limits higher due to high UK background levels?
4.2-Centre of Village down Pepper St to Hamburger	5	2.5-69	10	25	12	35	25		Foot/cycle path and across Hamburger the worst
4.3-Littleton A51 junction to VX Golf Club and return	1	14-39	10	25	12	35	25		Constant high levels but no static monitoring
4.4-Little Heath Road to A51	1	0-40	10	25	12	35	25		Short duration congestion at school leaving times

**NOTE - RED AT OR ABOVE LIMITS**

PLUME PROVIDE 1HOUR MEASUREMENTS AND NOT 24HOUR AND ANNUAL MEASUREMENTS