

23-Apr-20

NO₂ Readings - The Street, Compton

(diffusion tubes)

ug/m³

	2019	2019	2018	2018	2017	2017
	C4 Little Cottage	C9 Moors Cottage	C4 Little Cottage	C9 Moors Cottage	C4 Little C	C9 Moors C
Jan	57	57	33	41	68	68
Feb	59	55	42	38	43	48
March	53	50	51	47	42	39
April	40	40	38	32	42	41
May	51	51	41	38	36	23
June	51	46	45	37	32	44
July	52	51	28	49	43	49
August	40	40	46	40	30	48
September	48	34	51	47	51	50
October	54	57	52	52	46	51
November	52	47	44	46	54	50
December			49	48	39	n/a
Average - Raw	50.6	48.0	43.3	42.9	43.8	46.5
Average - Bias Corrected	43.0	40.8	46.0	44.3	39.4	41.9
Bias correction percentage	-15%	-15%	6.15%	3.22%	-10.00%	-10.00%

Air Quality Objective - Annual Mean of <40ug (Measurements are in micrograms per cubic metre)

6 mths automatic monitoring at Moors Cottage during 2017 - 58.1ug

Predicted Annual Mean in GBC Report (Amec Foster Wheeler - Nov 17) - 44 ug
 Their report indicated that a combination of a 20mph limit and HGV ban would reduce annual mean to below 40ug.

GBC February 2019 Report predicted 8 ug/m³ reduction by 2021 in NO₂ by closing right turn into Down Lane.