Summary of West Dorset District Council's Monitoring Results from our Nitrogen Dioxide Diffusion Tube Survey

Note:

Results are given in µg/m^3 and the annul objective concentration to be met for nitrogen dioxide is 40 µg/m^3
All results from 2002 onwards have been properly bias corrected
Diffusion tubes have been sited at worst case locations (roadside/kerbside) or at facades of houses facing a road to check whether the objective is being exceeded where people could be exposed over a year
Unfortunately the exact location of many of sites before 2005 is not known

Site	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016
DORCHESTER																					
High West Street 2 (721)														32.8	34.7	30.84	31.0	35.8	31.0	28.7	30.7
High West Street 1 (711)	**40.8**	37.1	36.0	**40.9**	**41.9**	**40.4**		**42.0**		**40.1**	37.5	**41.1**	**41.9**	**44.6**	**41.8**	38.73	38.4	**40.1**	38.2	34.4	34.2
Tesco (712)			23.4	28.4	27.4		28.8	30.7	23.2	27.7	26.9	28.9	26.8								
Trinity Street (712)														32.9	31.4	30.85	32.1	32.3	30.0	31.1	29.3
High East Street 2 (713)												**42.9**	38.2	39.6	34.1	32.91	34.4	32.6	34.0	32.0	33.5
High East Street 1 (714)						34.9	34.5	35.2	33.0	37.7	**43.5**	39.2	**43.0**	**46.2**	**40.6**	**42.06**	**42.3**	37.5	**46.7**	38.4	37.9
High East Street 1 (731)														**44.9**	**41.6**						
High East Street 1 (732)														**43.2**	**40.5**						
Monkey's Jump Roundabout			24.3	29.8	32.5	34.9	27.1	32.3	28.1	29.4	30.2										
Maumbury Road (716)															33.4	32.7	30.7	28.3	29.9	28.0	29.0
The Grove (715)															38.3	32.93	36.1	35.6	37.3	34.7	33.9
Church Street (718)															25.9	21.23	22.4	22.2	21.3	18.8	20.5
Bridport Road (719)															28.2	25.99	22.7	26.5	24.8	22.4	25.6
Borough Gardens (720)															16.2	12.58	13.0	13.2	11.6	11.3	11.4
Great Western Road (733)																		31.9	28.9	28.0	28.2
CHIDEOCK																					
Duck St (724)					39.1	**45.3**	39.8	**47.6**	36.0	**43.6**	**45.5**	**41.7**	**44.3**	**50.9**	**43.0**	**45.8**	**45.2**	**42.9**	36.7	36.7	
George Pub (725)										34.5	32.0	32.7	31.5	33.5	31.0	30.7	28.5	27.2	26.2	23.1	
Village Hall (726)										**41.4**	**41.0**	39.3	**41.6**	**47.5**	**43.0**	**50.5**	**49.5**	**45.4**	**41.8**	39.2	
Duck St 2 (715)														13.9							
Post Office (735)														13.6	15.3	13.8	14.1	14.7	11.4	11.6	
Post Office (736)														14.1	15.4	13.7	13.4	13.9	11.3	10.4	
Post Office (737)														14.1	15.5	13.7	13.9	14.0	11.5	10.7	
Hope Cottage (722)															20.0	21.8	24.3	19.5	26.8	16.8	
Church (723)															26.0	25.7	25.1	25.8	22.9	20.8	
Whitecroft (727)															**50.0**	**51.5**	**53.3**	**55.3**	**53.0**	50.0	
Greenhill (738)																					
Warren House (728)															28.0	29.7	27.9	29.4	25.6	23.4	
Real Time Monitor															15.4	13.6	**N/A**	13.21	11.32	10.31	
BRIDPORT																					
East Road 1 (717)	34.2	35.8	28.5	37.4	34.5	37.9	34.1	**47.4**	37.9	**49.6**	**48.4**	**51.3**	**55.1**	**57.1**	**55.4**	**43.11**	**43.7**	**43.1**	**41.7**	**42.7**	**47.6**
Bridport 2		12.9	11.8	12.4	11.8	18.1	12.3	12.5	11.9	13.7	10.9										
West St (718)												33.8	28.6	28.7							
South St (719)										30.7	28.2	31.1	29.5	30.1							
East Road 2 (730)												38.8	**40.0**	**41.0**	**47.65**	**57.45**	**56.6**	**64.6**	**58.5**	**53.0**	**51.5**
East Road (731)																34.91	35.2	33.0	32.5	33.2	31.5
Askers Mead (732)																31.74	31.1	35.0	37.8	35.1	34.0
East Road 3 (733)														**43.3**	26.45						
East Road 4 (734)														**51.4**	31.33	28.52	32.5	34.5	32.2	32.5	32.3
LYME REGIS																					
Lyme Regis 1	19.4	20.5	12.9	14.6	14.4	18.1	12.6	14.7	10.8												
Church St (722)												27.7	25.9	27.2							
Broad St (723)										28.0	31.6	36.1	27.6	29.8							
Lyme 2			8.3	14.5	11.3	16.3	10.3	12.4	8.7												
BEAMINSTER																					
Beaminster/Beam 1	24.3	22.7	19.7	18.7	18.5	28.4	22.5	28.3	19.3	26.7	24.1	24.1	24.5	24.9							
Beaminster 2			10.6	10.7	11.3	14.5	9.9	10.7	8.3												
SHERBOURNE																					
Green Hill (727)	**43.5**	**45.7**	36.0	36.5	37.1	38.3	30.5	35.2	26.6	31.6	31.8	31.2	30.0	33.0							
Westbury (728)			19.3	19.6	19.7	23.0	18.0	19.4	15.4	19.5	16.6	22.4	17.1	21.4							
OTHER																					
Chickerell				19.2	21.1	25.2	18.5	21.0	14.8	17.4	13.8	14.0									
Abbotsbury			8.9	10.9	10.4	13.5	9.4	16.1	12.3	20.2	21.1	21.6	18.9	19.6							
Cern Abbas			8.8	12.8	11.2	15.3	12.3	11.7	9.1												
Maiden Newton			12.6	17.9	15.2	19.1	16.2	22.0	15.4	19.6	19.0	16.4	17.0								
Puddletown	37.1	34.5	30.8	14.2	18.7																
Broadmayne			12.7	15.6	15.8	18.4	17.1	16.6	11.8												