

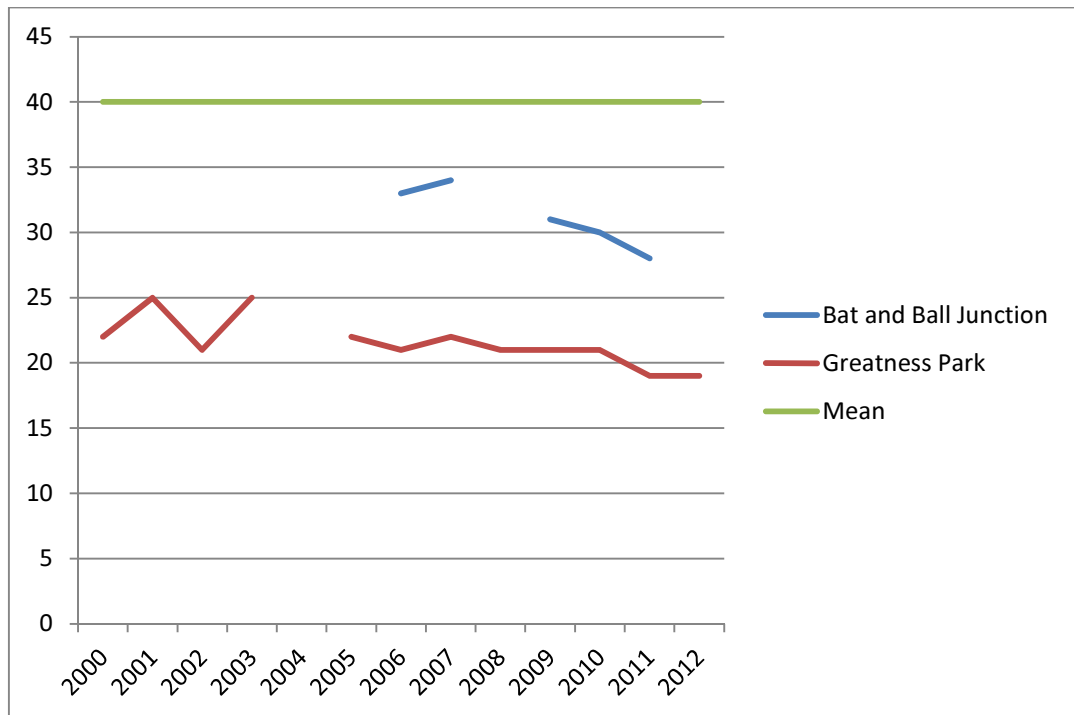
Sevenoaks District Council Air Quality Monitoring Data 2012

Nitrogen Dioxide

Results of Automatic Monitoring for Nitrogen Dioxide: Comparison with Annual Mean Objective

Location	Annual mean concentrations ($\mu\text{g}/\text{m}^3$)												
	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012
Bat and Ball Junction							33	34	-	31	30	28	-
Greatness Park	22	25	21	25		22	21	22	21	21	21	19	19

Trends in Annual Mean Nitrogen Dioxide Concentration Measured at Automatic Monitoring Sites.

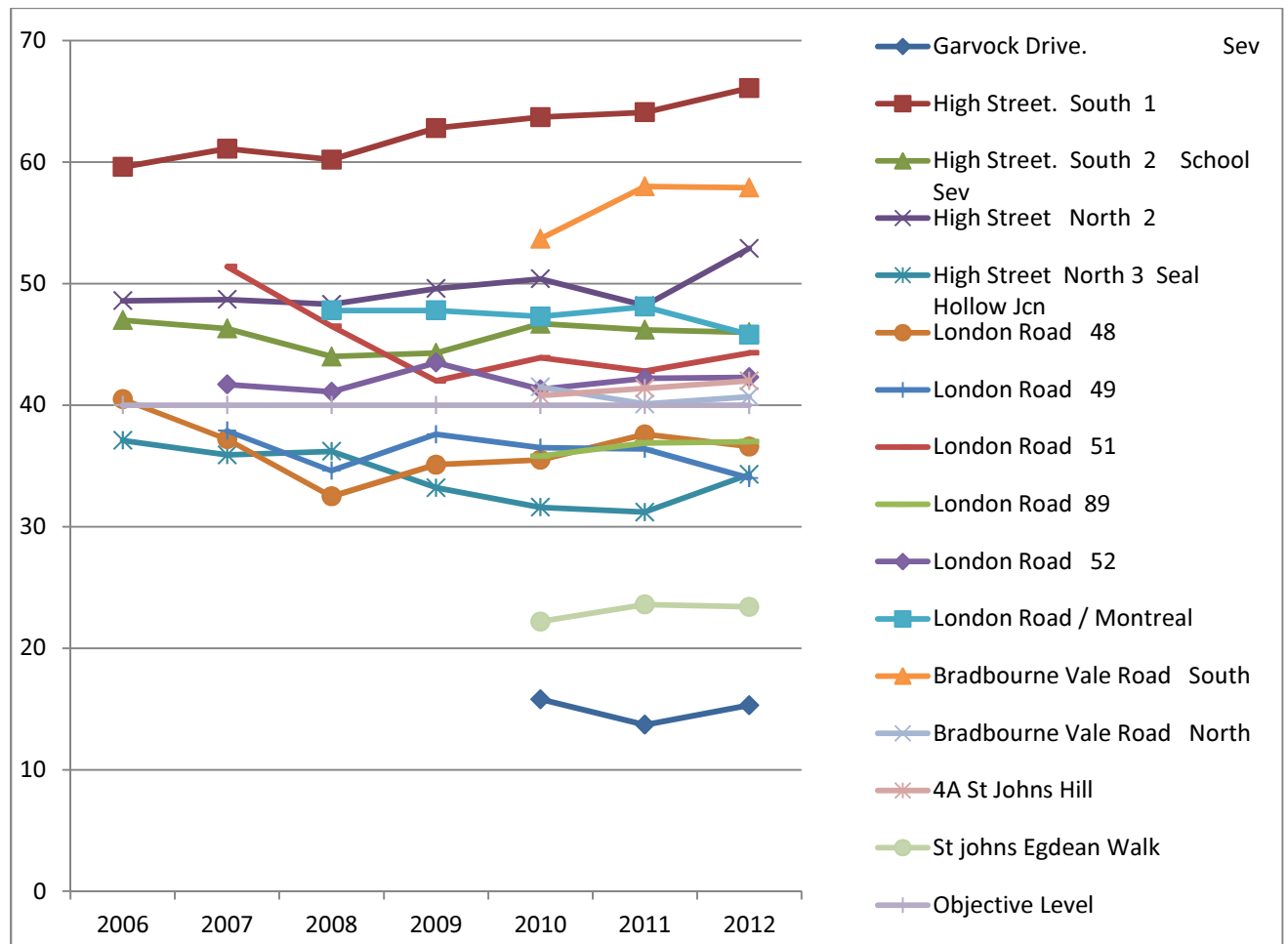


Appendix F

Nitrogen Dioxide Diffusion Tubes (Sevenoaks)

Site Number	Site Location	All results in ug/m-3		NO2 annual objective 40ug/m-3				
		2006	2007	2008	2009	2010	2011	2012
3	Garvock Drive. Sev					15.8	13.7	15.3
2	High Street. South 1	59.6	61.1	60.2	62.8	63.7	64.1	66.1
27	High Street. South 2 School Sev	47	46.3	44	44.3	46.7	46.2	46
28	High Street North 2	48.6	48.7	48.3	49.6	50.4	48.2	52.9
29	High Street North 3 Seal Hollow Jcn	37.1	35.9	36.2	33.2	31.6	31.2	34.3
48 (16)	London Road 48	40.5	37.2	32.5	35.1	35.5	37.6	36.6
49	London Road 49		37.9	34.6	37.6	36.5	36.4	34
51	London Road 51		51.4	46.5	42	43.9	42.8	44.3
89	London Road 89					35.8	36.9	37
52	London Road 52		41.7	41.1	43.5	41.3	42.2	42.3
77	London Road / Montreal			47.8	47.8	47.3	48.1	45.8
87	Bradbourne Vale Road South					53.7	58	57.9
88	Bradbourne Vale Road North					41.5	40.1	40.7
90	4A St Johns Hill					40.8	41.4	42
91	St johns Egdean Walk					22.2	23.6	23.4

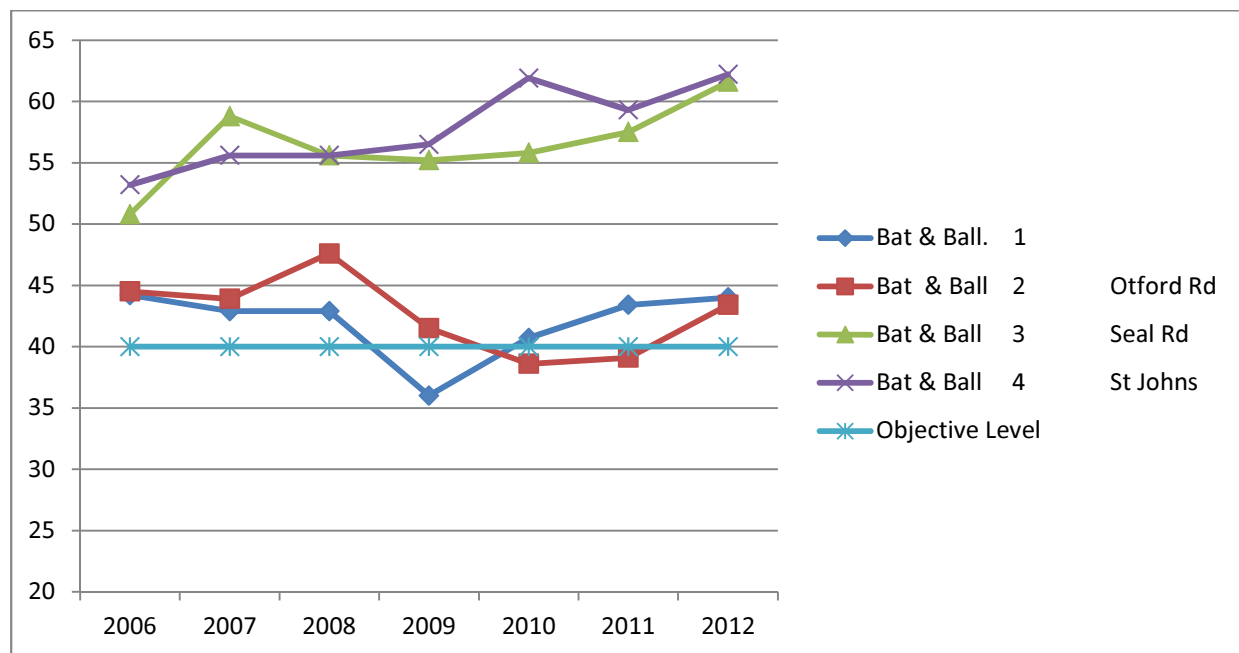
Trends of Nitrogen Dioxide Diffusion Tubes (Sevenoaks)



Results of Nitrogen Dioxide Diffusion Tubes (Bat and Ball)

Site Number	Site Location	All results in ug/m-3 NO2 annual objective 40ug/m-3						
		2006	2007	2008	2009	2010	2011	2012
23	Bat & Ball. 1	44.2	42.9	42.9	36	40.7	43.4	44
30	Bat & Ball 2 Otford Rd	44.5	43.9	47.6	41.5	38.6	39.1	43.4
31B	Bat & Ball 3 Seal Rd	50.8	58.8	55.6	55.2	55.8	57.5	61.6
32	Bat & Ball 4 St Johns	53.2	55.6	55.6	56.5	61.9	59.3	62.2

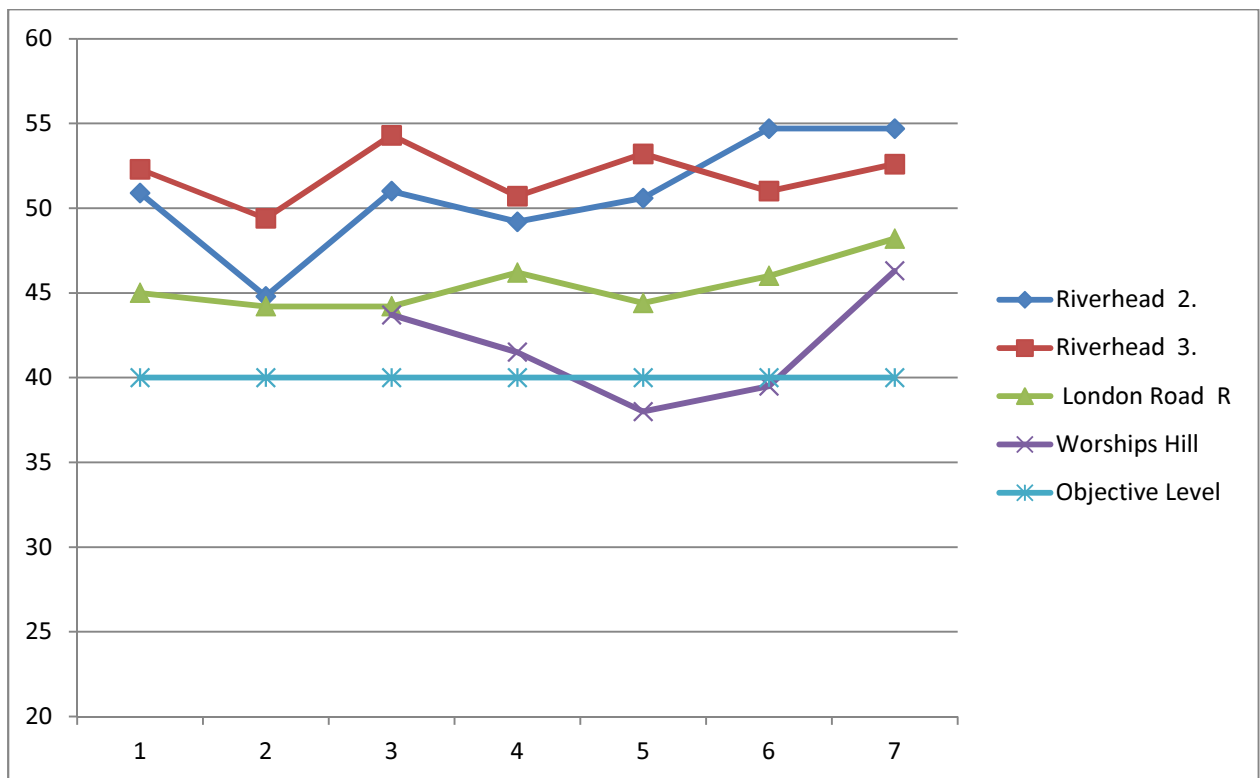
Trends of Nitrogen Dioxide Diffusion Tubes (Bat and Ball)



Results of Nitrogen Dioxide Diffusion Tubes (Riverhead)

Site Number	Site Location	All results in ug/m-3 NO2 annual objective 40ug/m-3						
		2006	2007	2008	2009	2010	2011	2012
5	Riverhead 2.	50.9	44.8	51	49.2	50.6	54.7	54.7
6	Riverhead 3.	52.3	49.4	54.3	50.7	53.2	51	52.6
42	London Road R	45	44.2	44.2	46.2	44.4	46	48.2
76	Worships Hill			43.7	41.5	38	39.5	46.3

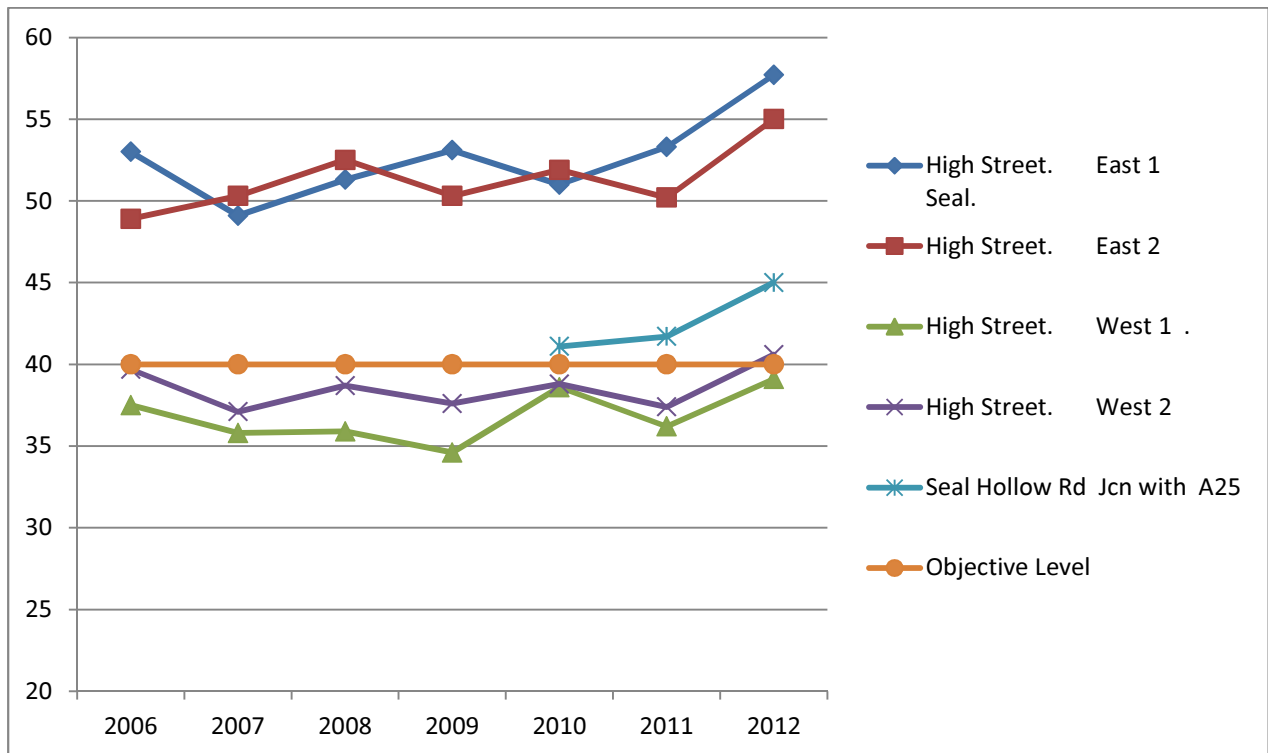
Trends of Nitrogen Dioxide Diffusion Tubes (Riverhead)



Results of Nitrogen Dioxide Diffusion Tubes (Seal)

Site Number	Site Location	All results in ug/m-3 NO2 annual objective 40ug/m-3							
		2006	2007	2008	2009	2010	2011	2012	
7	High Street. East 1 Seal.	53	49.1	51.3	53.1	51	53.3	57.7	
33	High Street. East 2	48.9	50.3	52.5	50.3	51.9	50.2	55	
8	High Street. West 1 .	37.5	35.8	35.9	34.6	38.6	36.2	39.1	
34	High Street. West 2	39.7	37.1	38.7	37.6	38.8	37.4	40.6	
35	Seal Hollow Rd Jcn with A25					41.1	41.7	45	

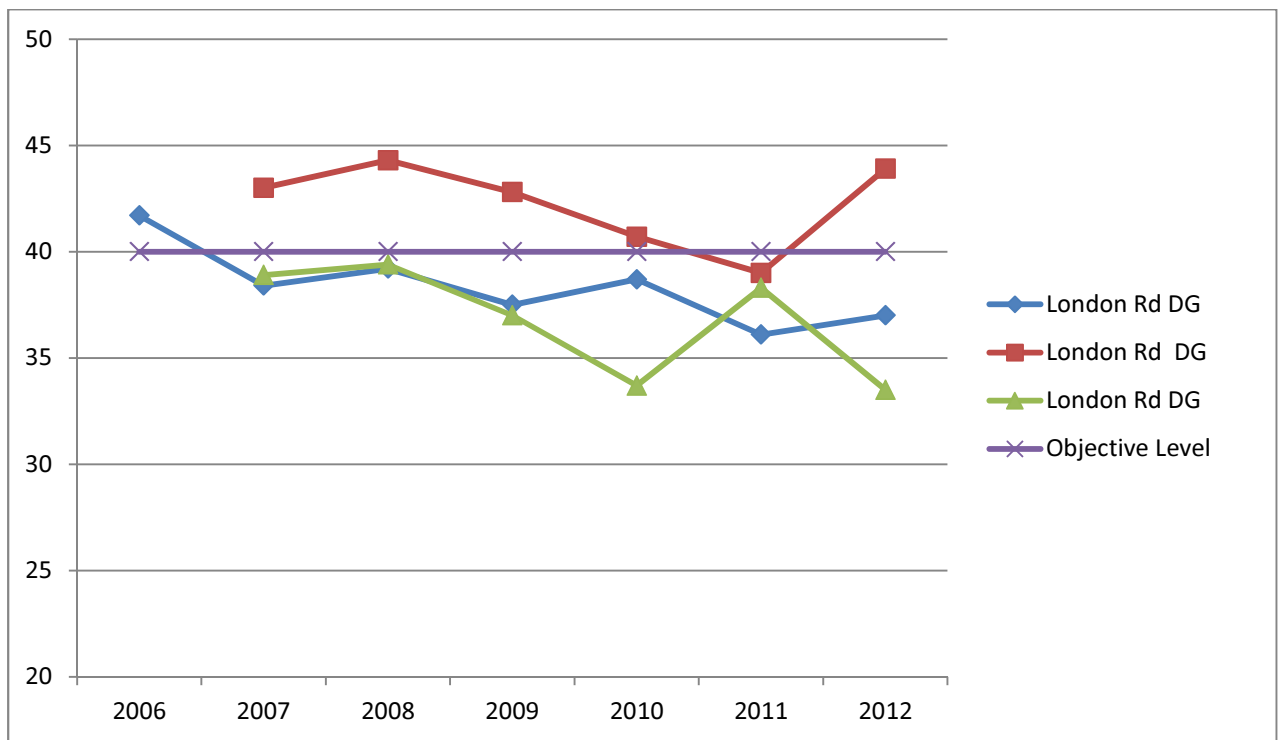
Trends of Nitrogen Dioxide Diffusion Tubes (Seal)



Results of Nitrogen Dioxide Diffusion Tubes (Dunton Green)

Site Number	Site Location	All results in ug/m-3 NO2 annual objective 40ug/m-3						
		2006	2007	2008	2009	2010	2011	2012
43	London Rd DG	41.7	38.4	39.2	37.5	38.7	36.1	37
54	London Rd DG		43	44.3	42.8	40.7	39	43.9
57	London Rd DG		38.9	39.4	37	33.7	38.3	33.5

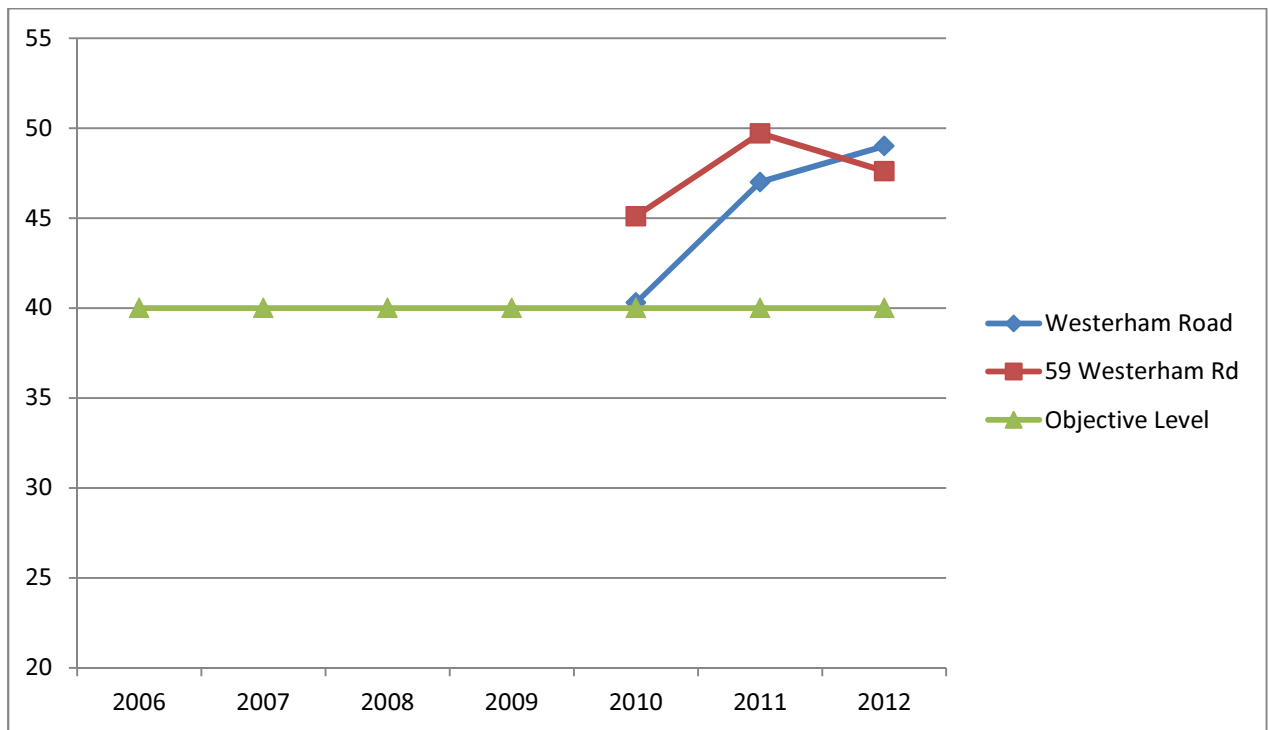
Trends of Nitrogen Dioxide Diffusion Tube (Dunton Green)



Results of Nitrogen Dioxide Diffusion Tubes (Bessels Green)

Site Number	Site Location	All results in ug/m-3 NO2 annual objective 40ug/m-3						
		2006	2007	2008	2009	2010	2011	2012
74	Westerham Road					40.3	47	49
86	59 Westerham Rd					45.1	49.7	47.6

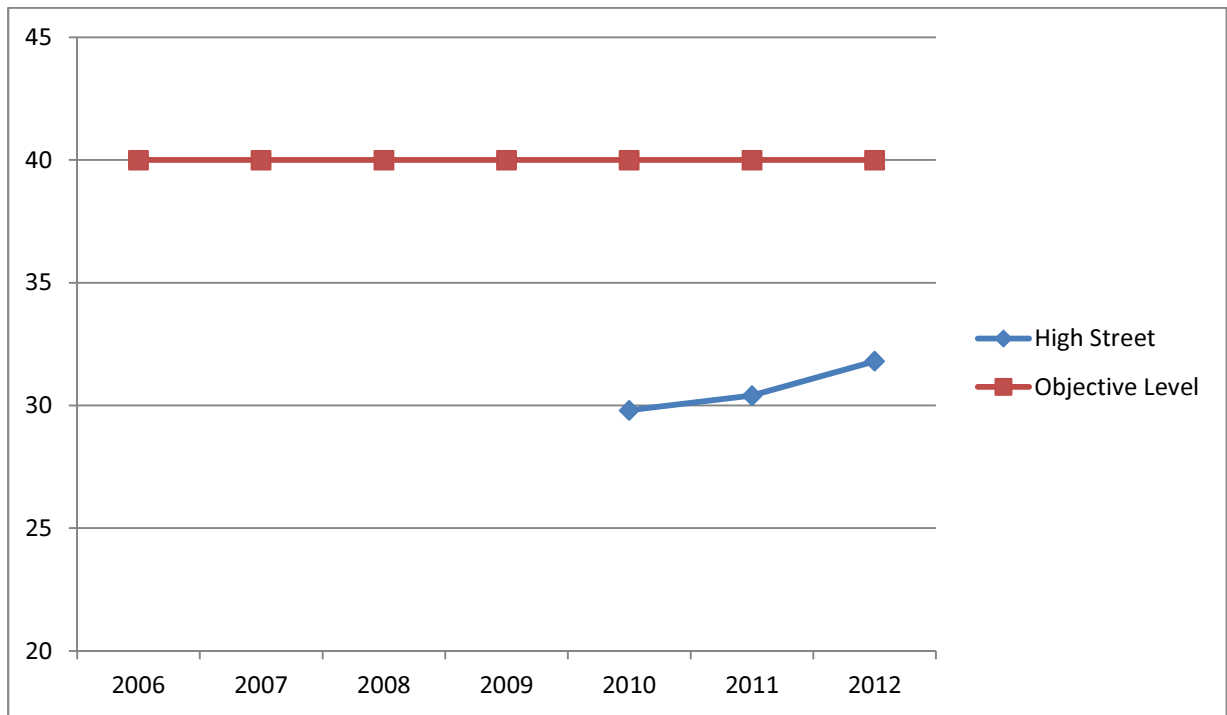
Trends of Nitrogen Dioxide Diffusion Tubes (Bessels Green)



Results of Nitrogen Dioxide Diffusion Tubes (Eynsford)

Site Number	Site Location	All results in ug/m-3 NO2 annual objective 40ug/m-3						
		2006	2007	2008	2009	2010	2011	2012
96	High Street					29.8	30.4	31.8

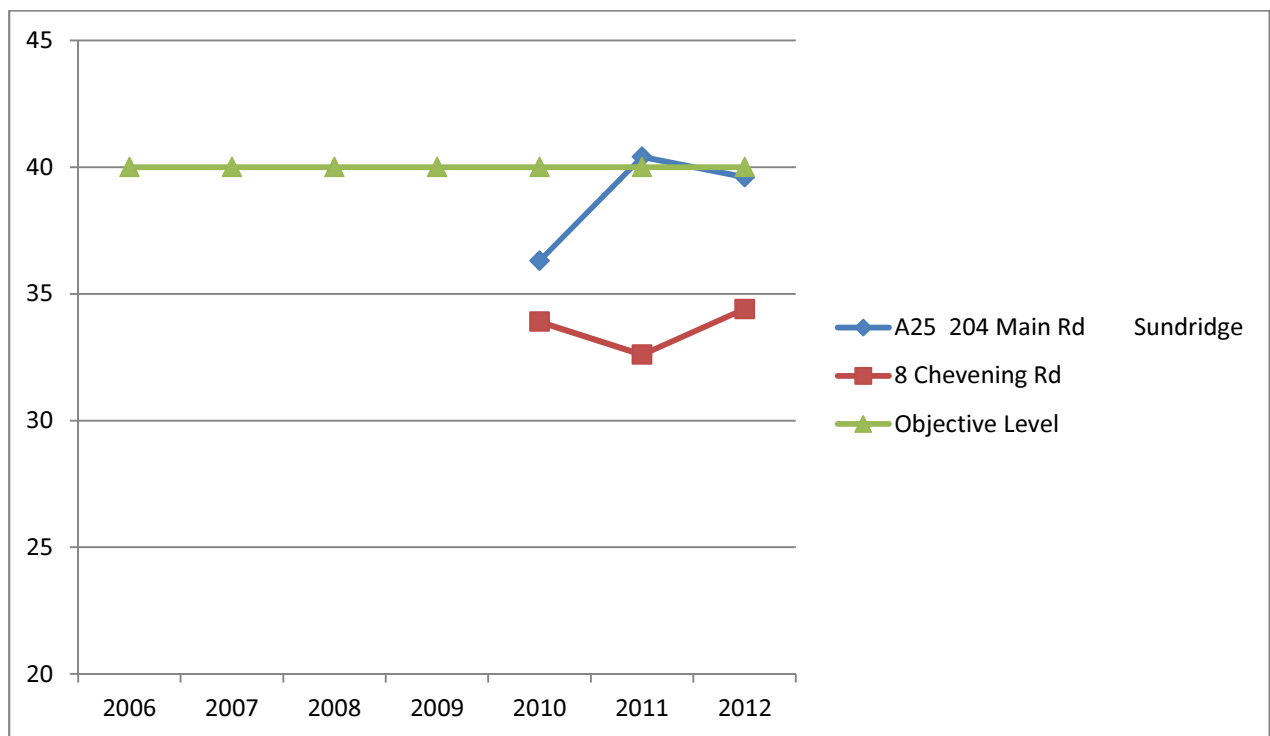
Trends of Nitrogen Dioxide Diffusion Tubes (Eynsford)



Results of Nitrogen Dioxide Diffusion Tubes (Sundridge)

Site Number	Site Location	All results in ug/m-3 NO2 annual objective 40ug/m-3						
		2006	2007	2008	2009	2010	2011	2012
71	A25 204 Main Rd Sundridge					36.3	40.4	39.6
92	8 Chevening Rd					33.9	32.6	34.4

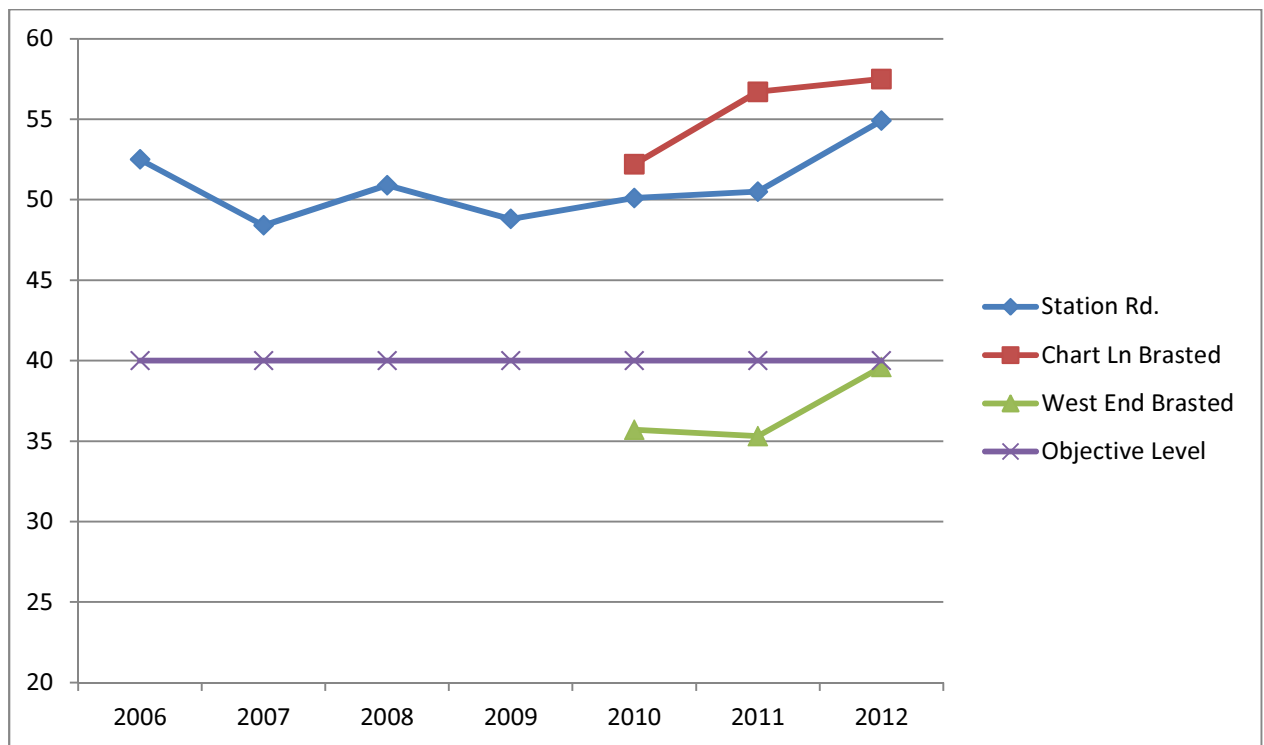
Trends of Nitrogen Dioxide Diffusion Tubes (Sundridge)



Results of Nitrogen Dioxide Diffusion Tubes (Brasted)

Site Number	Site Location	All results in ug/m-3 NO2 annual objective 40ug/m-3						
		2006	2007	2008	2009	2010	2011	2012
12	Station Rd.	52.5	48.4	50.9	48.8	50.1	50.5	54.9
85	Chart Ln Brasted					52.2	56.7	57.5
84	West End Brasted					35.7	35.3	39.6

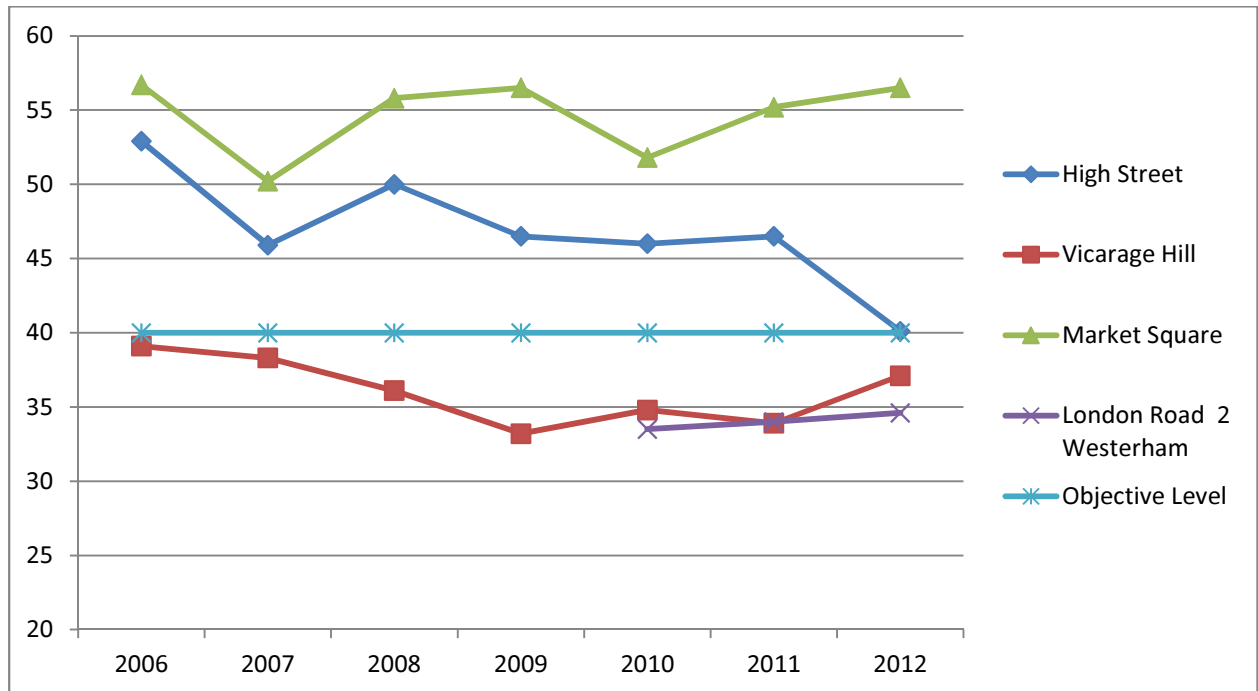
Trends of Nitrogen Dioxide Diffusion Tubes (Brasted)



Results of Nitrogen Dioxide Diffusion Tubes (Westerham)

Site Number	Site Location	All results in ug/m-3 NO2 annual objective 40ug/m-3						
		2006	2007	2008	2009	2010	2011	2012
24	High Street	52.9	45.9	50	46.5	46	46.5	40.1
25	Vicarage Hill	39.1	38.3	36.1	33.2	34.8	33.9	37.1
36	Market Square	56.7	50.2	55.8	56.5	51.8	55.2	56.5
75	London Road 2 Westerham					33.5	34	34.6

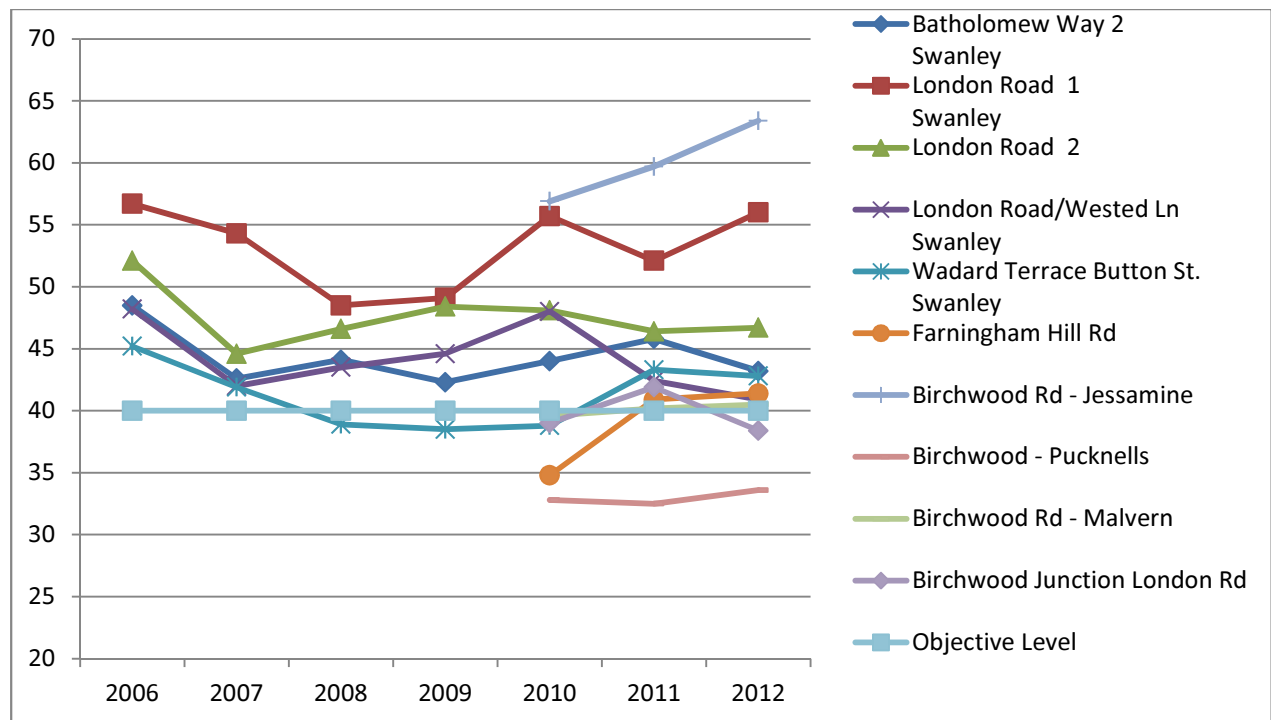
Trends of Nitrogen Dioxide Diffusion Tubes (Westerham)



Results of Nitrogen Dioxide Diffusion Tubes (Swanley)

Site Number	Site Location	All results in ug/m-3 NO2 annual objective 40ug/m-3						
		2006	2007	2008	2009	2010	2011	2012
39	Batholomew Way 2 Swanley	48.5	42.6	44.1	42.3	44	45.8	43.2
40	London Road 1 Swanley	56.7	54.3	48.5	49.1	55.7	52.1	56
41	London Road 2	52.1	44.6	46.6	48.4	48.1	46.4	46.7
13	London Road/Wested Ln Swanley	48.2	42	43.5	44.6	48	42.4	40.9
14	Wadard Terrace Button St. Swanley	45.2	41.9	38.9	38.5	38.8	43.3	42.8
81	Farningham Hill Rd					34.8	40.9	41.4
83	Birchwood Rd - Jessamine					56.9	59.7	63.4
93	Birchwood - Pucknells					32.8	32.5	33.6
95	Birchwood Rd - Malvern					39.6	40.2	40.5
94	Birchwood Junction London Rd					39	41.9	38.4

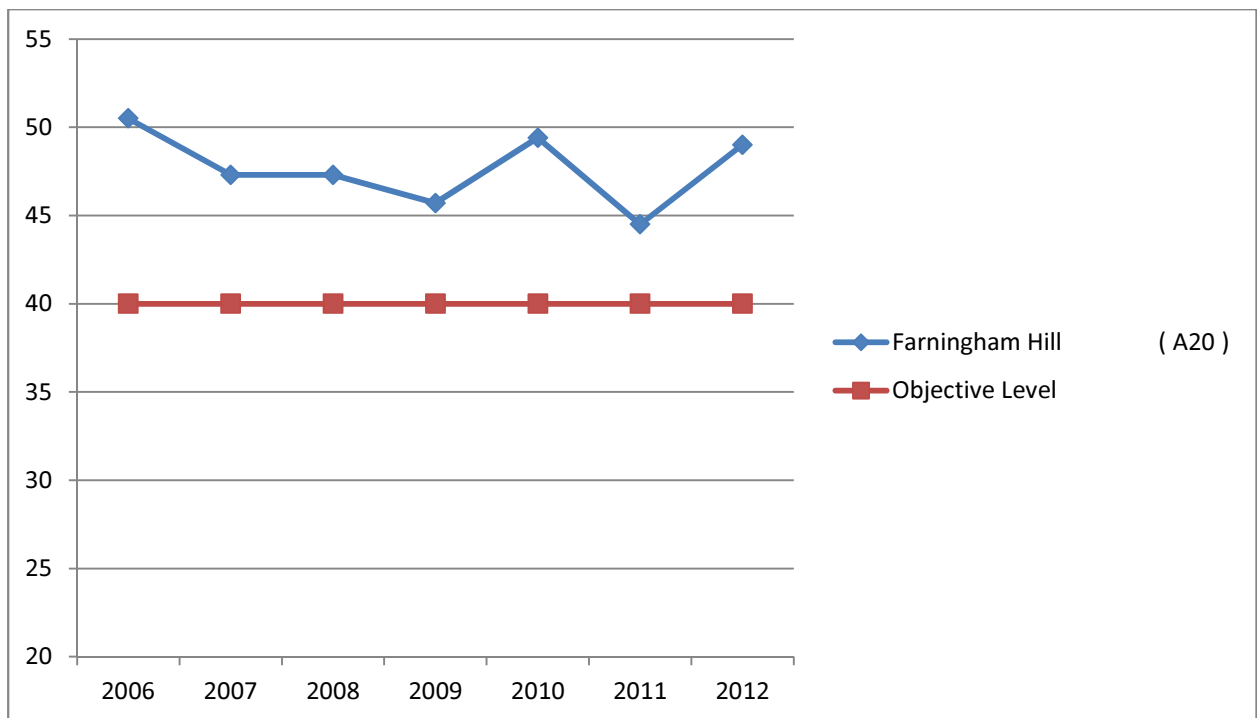
Trends of Nitrogen Dioxide Diffusion Tubes (Swanley)



Results of Nitrogen Dioxide Diffusion Tubes (Farningham)

Site Number	Site Location	All results in ug/m-3 NO2 annual objective 40ug/m-3						
		2006	2007	2008	2009	2010	2011	2012
26	Farningham Hill (A20)	50.5	47.3	47.3	45.7	49.4	44.5	49

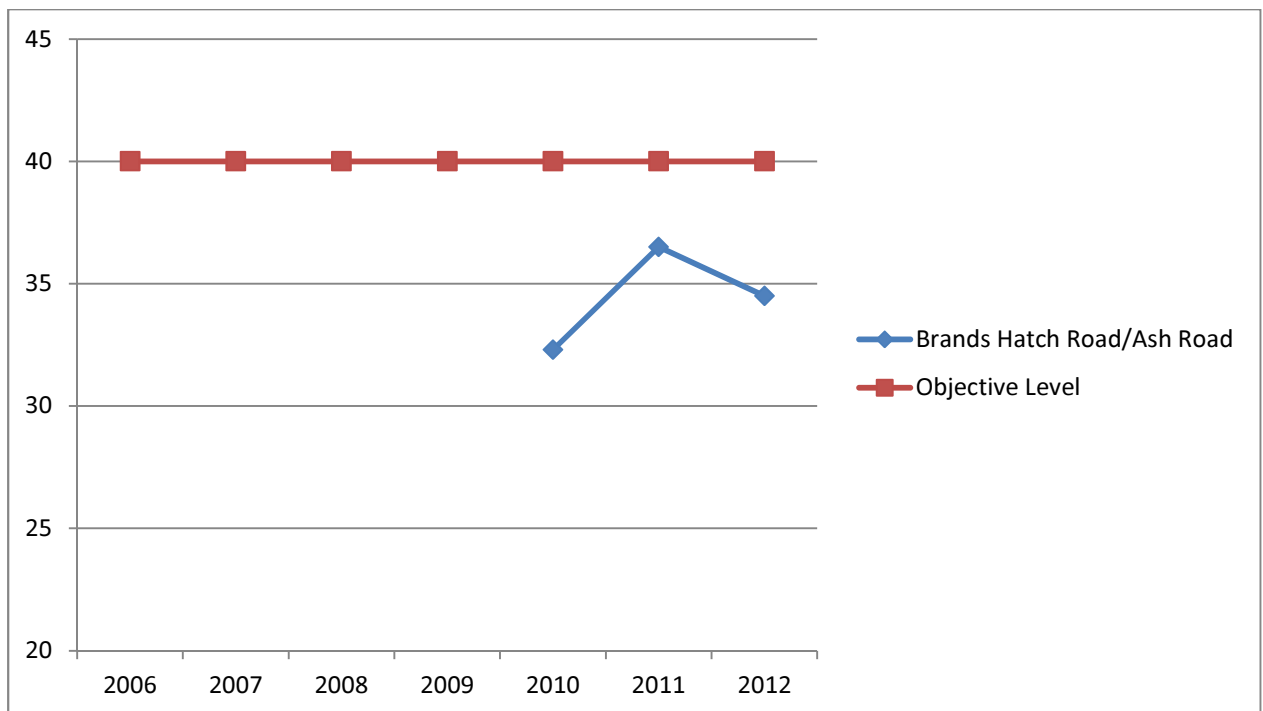
Trends of Nitrogen Dioxide Diffusion Tubes (Farningham)



Results of Nitrogen Dioxide Diffusion Tubes (West Kingsdown)

Site Number	Site Location	All results in ug/m-3 NO2 annual objective 40ug/m-3						
		2006	2007	2008	2009	2010	2011	2012
67	Brands Hatch Road/Ash Road					32.3	36.5	34.5

Trends of Nitrogen Dioxide Diffusion Tubes (West Kingsdown)

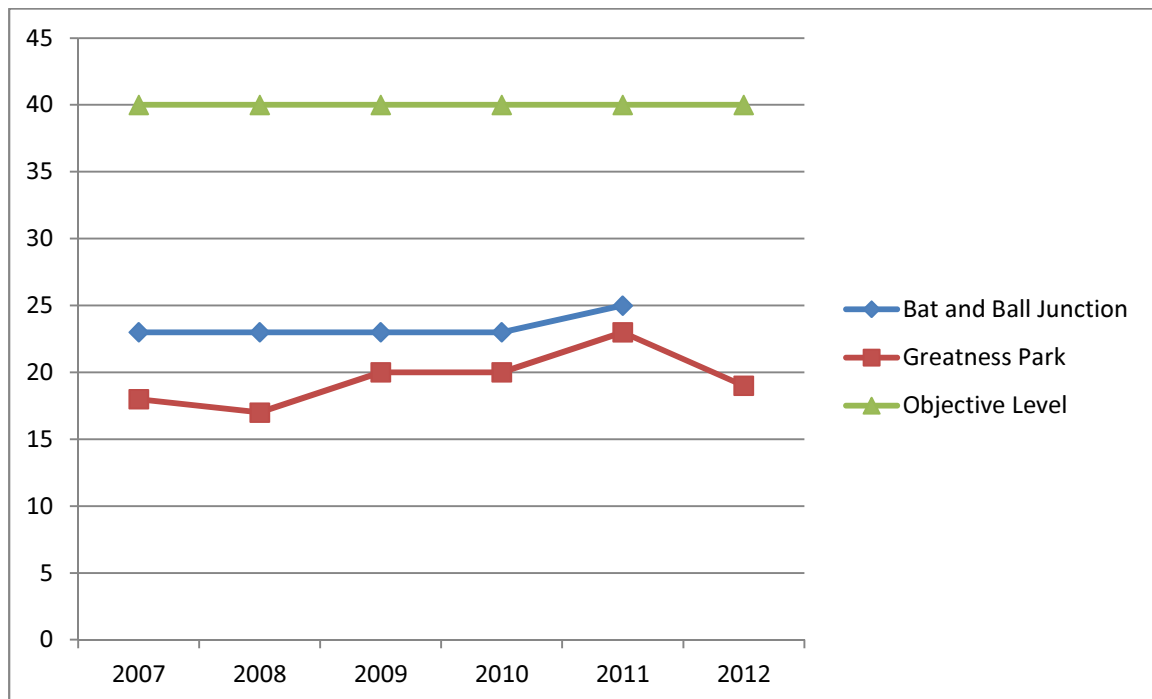


Fine Particles (PM₁₀)

Results of Automatic Monitoring for PM₁₀:

Location	Annual mean concentrations (µg/m ³)					
	2007	2008	2009	2010	2011	2012
Bat and Ball Junction	23	23	23	23	25	
Greatness Park	18	17	20	20	23	19

Trends in Annual Mean PM₁₀ Concentration Measured at Automatic Monitoring Sites



Appendix F

Results of PM10 Automatic Monitoring: Comparison with 24-hour Mean Objective

Location	Number of Exceedences of daily mean objective (50 µg/m ³)					
	2007	2008	2009	2010	2011	2012
Bat and Ball Junction	14	8	4	2	21	
Greatness Park	6	3	5	1	15	9

Trends PM10 Automatic Monitoring: Comparison with 24-hour Mean Objective

