



The Great Grid Upgrade

Sea Link

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Volume 6: Environmental Statement

Document: 6.3.3.8.C
Part 3 Kent
Chapter 8 Appendix 3.8.C
Air Quality Monitoring Data

Planning Inspectorate Reference: EN020026

Version A
March 2025

Infrastructure Planning (Applications: Prescribed Forms and
Procedure) Regulations 2009 Regulation 5(2)(a)

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Air Quality Monitoring Data

1.1.1 DDC and TDC have undertaken air quality monitoring at a number of locations across their respective districts. Monitoring data from the past five years is presented in Table 1.1 to Table 1.3 (Dover District Council, 2024) (Thanet District Council, 2024) (Dover District Council, 2023).

Table 1.1 Local authority diffusion tube monitoring data

Site ID	Local Authority	Name	X OS Grid Reference (m)	Y OS Grid Reference (m)	Type	Annual Mean NO ₂ (µg/m ³)				
						2019	2020	2021	2022	2023
DV-01	Dover District Council	Paydens, High Street, Dover	631369	141961	Roadside	30.8	25.5	26.2	26.1	24.6
DV-04	Dover District Council	Car Park - Opposite No.2, Christchurch Way, Dover	630944	143159	Urban Background	15.3	12.7	13.7	13.8	11.6
DV-05	Dover District Council	Bench Street, Dover	631986	141321	Urban Centre	24.4	20.3	22.1	23.6	23.3
DV-06, DV-07, DV-08	Dover District Council	Dover Town Hall	631601	141722	Roadside	39.8	33.7	35.2	35.5	32.8
DV-10	Dover District Council	PM ₁₀ Micros TEOM, Townwall Street, Dover	632298	141469	Roadside	35.9	26.4	28.3	30.6	25.8

Site ID	Local Authority	Name	X OS Grid Reference (m)	Y OS Grid Reference (m)	Type	Annual Mean NO ₂ (µg/m ³)				
						2019	2020	2021	2022	2023
DV-11, DV-16,DV-17	Dover District Council	The Gateway, Dover	632317	141429	Roadside	28.1	23.1	22.1	24.7	21.0
DV-12, DV-18,DV-19	Dover District Council	St Martins House, Hawkesbury Street, Dover	631576	140474	Roadside	31.5	26.5	27.2	26.5	25.1
DV-23	Dover District Council	126, Snargate Street, Dover	631729	140965	Roadside	31.2	25.3	27.7	28.2	25.7
DV-24	Dover District Council	148, Snargate Street, Dover	631825	141112	Roadside	33.7	26.1	27.6	27.4	27.2
DV-25	Dover District Council	167, Snargate Street, Dover	631858	141167	Roadside	29.3	28.9	30.2	30.8	28.7
DV-28	Dover District Council	Sunny Corner, Old Folkestone Road, Dover	630717	140020	Urban Background	-	-	14.1	16.3	12.8
DV-30	Dover District Council	19, High Street, Dover	631581	141744	Kerbside	40.4	35.7	33.9	36.5	31.2
DV-31	Dover District Council	3, Ladywell, Dover	631598	141763	Kerbside	31.5	23.5	26.5	29.6	26.6
DV-32	Dover District Council	1, Marine Parade, Dover	632657	141499	Roadside	31.7	26.7	28.5	29.8	27.4

Site ID	Local Authority	Name	X OS Grid Reference (m)	Y OS Grid Reference (m)	Type	Annual Mean NO ₂ (µg/m ³)				
						2019	2020	2021	2022	2023
DV-33	Dover District Council	24, Marine Parade, Dover	632835	141572	Roadside	35.9	28.4	29.5	32.9	30.4
DV-36	Dover District Council	Sholden Primary School, London Road, Deal	635698	152325	Roadside	18.5	14.9	16.4	16.0	14.3
DV-37	Dover District Council	London Road, Deal	636161	151957	Kerbside	-	-	29.5	22.9	20.8
DV-38	Dover District Council	Roundabout, London Road, Deal	636259	151914	Kerbside	-	-	34.0	37.4	30.1
DV-39	Dover District Council	St Edmund's School, Barton Road, Dover	631418	142455	Roadside	-	-	19.9	18.9	18.7
DV-40	Dover District Council	39 Queen Street, Deal	637538	152556	Roadside	-	-	-	-	17.4
DV-41	Dover District Council	4-6 West Street, Deal	637507	152590	Roadside	-	-	-	-	18.4
TH05	Thanet District Council	The Broadway, Broadstairs	639019	167982	Kerbside	27.8	25.1	23.3	25.9	22.4
TH10	Thanet District Council	College Road, Margate	635539	169839	Kerbside	30.7	28.2	24.5	28.8	23.3

Site ID	Local Authority	Name	X OS Grid Reference (m)	Y OS Grid Reference (m)	Type	Annual Mean NO ₂ (µg/m ³)				
						2019	2020	2021	2022	2023
TH13, TH46, TH47	Thanet District Council	Birchington Square	630254	169037	Kerbside	35.9	31.7	30.3	32.3	27.7
TH16	Thanet District Council	Earlsmede Crescent, Cliffsend	634444	164416	Urban Background	14.9	13.9	12.8	13.5	10.2
TH26	Thanet District Council	King Street, Ramsgate	638492	165409	Kerbside	30.5	25.3	25.6	26.6	21.7
TH27	Thanet District Council	Avebury Avenue, Ramsgate	639097	165970	Urban Background	15.1	13.8	12.0	13.0	11.2
TH31	Thanet District Council	High Street, Manston	634662	166026	Urban Background	12.2	11.3	11.6	12.3	9.2
TH32	Thanet District Council	Bell-Davies Drive, Manston	632994	166428	Urban Background	14.2	13.0	12.2	13.4	10.6
TH33	Thanet District Council	Hill House Drive, Minster	631160	165486	Urban Background	14.6	12.5	12.6	14.1	12.3
TH34	Thanet District Council	Westwood Rd, Broadstairs (Pizza Hut)	636570	167894	Roadside	21.7	19.6	21.4	20.2	15.5
TH36	Thanet District Council	Star Lane, Ramsgate Rd, Margate	636404	168227	Kerbside	25.5	21.9	23.3	25.0	18.6

Site ID	Local Authority	Name	X OS Grid Reference (m)	Y OS Grid Reference (m)	Type	Annual Mean NO ₂ (µg/m ³)				
						2019	2020	2021	2022	2023
TH37	Thanet District Council	Kentmere Ave, Ramsgate	635932	165333	Suburban	16.3	14.5	12.3	14.2	11.6
TH48	Thanet District Council	Canterbury Rd, Birch(A28) (Yew Tree)	630438	169111	Kerbside	25.5	23.4	21.5	24.9	20.9
TH49	Thanet District Council	Canterbury Rd, Birch (A28) (Kent Gardens)	630186	168983	Roadside	19.5	16.6	15.5	20.8	16.0
TH51, TH52, TH53	Thanet District Council	Boundary Rd, Ramsgate	638472	165432	Roadside	19.3	17.0	16.3	18.5	14.5
TH54	Thanet District Council	3 High Street St Lawrence, Ramsgate	637135	165354	Roadside	33.7	28.9	27.8	31.7	23.5
TH55	Thanet District Council	Coxes Lane (Margate Rd), Ramsgate	636814	167297	Roadside	23.6	21.1	21.3	19.9	18.1
TH59	Thanet District Council	Church Street, St Peters	638220	168614	Kerbside	28.3	25.3	22.8	28.9	23.6
TH66	Thanet District Council	High Street, St Lawrence- Façade	637112	165331	Roadside	24.0	21.3	19.6	23	18.7
TH70, TH71, TH72	Thanet District Council	9 High Street, St Lawrence	637092	165340	Roadside	37.6	30.7	30.8	35.2	28.3
TH76	Thanet District Council	Buenos Ayres, Margate	634752	170679	Roadside	22.1	20.3	17.7	18.8	16.2

Site ID	Local Authority	Name	X OS Grid Reference (m)	Y OS Grid Reference (m)	Type	Annual Mean NO ₂ (µg/m ³)				
						2019	2020	2021	2022	2023
TH77	Thanet District Council	High Street, Minster	630972	164708	Kerbside	21.1	18.7	17.8	19.5	15.2
TH78	Thanet District Council	Manston Way Walk	636014	167851	Roadside	16.8	16.0	19.3	17.5	12.4
TH80	Thanet District Council	58 Newington Rd Ramsgate (Reinstated)	636909	165780	Roadside	19.1	17.3	-	-	14.0
TH81	Thanet District Council	Margate Rd, Ramsgate (Winifred Ave)	637097	166799	Roadside	19.1	17.9	17.0	18.9	15.3
TH82	Thanet District Council	Westwood Rd, Broadstairs (St Georges)	637271	167873	Roadside	20.8	21.7	22.5	28.4	20.9
TH83	Thanet District Council	Ramsgate Rd, Margate (Nr Car Wash)	635907	169266	Roadside	17.2	15.7	15.0	17.7	13.0
TH84	Thanet District Council	Northdown Rd, Margate	635997	171095	Kerbside	22.1	20.7	17.6	20	15.9
TH85	Thanet District Council	143 Boundary Rd, Ramsgate	638026	165442	Roadside	29.2	25.4	23.6	25.3	20.3
TH87	Thanet District Council	Marlowe Way (Schools)	636198	166771	Roadside	-	-	13.9	13.9	11.3

Site ID	Local Authority	Name	X OS Grid Reference (m)	Y OS Grid Reference (m)	Type	Annual Mean NO ₂ (µg/m ³)				
						2019	2020	2021	2022	2023
TH89	Thanet District Council	Tothill, Minster	631057	165478	Kerbside	-	-	19.3	20.3	16.1
TH90	Thanet District Council	Meridian Cl, Ramsgate	636109	165766	Roadside	-	-	13.9	18.6	15.4
TH91	Thanet District Council	Shottendane Rd, Margate	635029	169494	Roadside	-	-	13.7	13.9	11.9
TH92	Thanet District Council	Canterbury Rd, Westgate (Victoria Ave)	632695	169877	Roadside	-	-	14.5	15.9	13.3
TH93	Thanet District Council	Minster Rd, Westgate	632563	169291	Roadside	-	-	14.5	14.2	13.0
TH95	Thanet District Council	Port, Ramsgate	637791	164087	Urban Background	-	-	-	20.8	11.7
TH96	Thanet District Council	31A Chatham Street, Ramsgate	637964	165426	Kerbside	-	-	-	-	22.6
TH97	Thanet District Council	98 Boundary Rd	637946	165460	Kerbside	-	-	-	-	25.5
TH98	Thanet District Council	5 Shar Place, Ramsgate	637927	165477	Kerbside	-	-	-	-	21.8

Site ID	Local Authority	Name	X OS Grid Reference (m)	Y OS Grid Reference (m)	Type	Annual Mean NO ₂ (µg/m ³)				
						2019	2020	2021	2022	2023
TH99	Thanet District Council	37 Park Road, Ramgate	637598	165439	Roadside	-	-	-	-	15.4
TH100	Thanet District Council	13 Newington Rd, Ramsgate	637058	165400	Roadside	-	-	-	-	22.5
TH101	Thanet District Council	Ashburnham Rd, Ramsgate	636961	165140	Roadside	-	-	-	-	16.7
TH102	Thanet District Council	Cecil Street Margate	635455	170791	Roadside	-	-	-	-	17.2

Bold = Exceedance of Annual Mean NO₂ AQS Objective (µg/m³)

- = No Monitoring Undertaken

Table 1.2 Local authority NO₂ automatic monitoring data

Site ID	Local Authority	Name	X OS Grid Reference (m)	Y OS Grid Reference (m)	Type	Annual Mean NO ₂ (µg/m ³)				
						2019	2020	2021	2022	2023
ZH4	Thanet District Council	Boundary Road, Ramsgate	638483	165430	Roadside	21.4	17.1	15.9	17.4	14.9
ZH5	Thanet District Council	The Square, Birchington	630284	169052	Roadside	31.0	29.3	24.3	24.6	22.0

Site ID	Local Authority	Name	X OS Grid Reference (m)	Y OS Grid Reference (m)	Type	Annual Mean NO ₂ (µg/m ³)				
						2019	2020	2021	2022	2023
Dover Centre	Dover District Council	A20 Townwall Street, Dover	632302	141465	Roadside	22.0	22.7	20.8	22.0	-

- = No Monitoring Undertaken

Table 1.3 Local authority PM₁₀ automatic monitoring data

Site ID	Local Authority	Name	X OS Grid Reference (m)	Y OS Grid Reference (m)	Type	Annual Mean PM ₁₀ (µg/m ³)				
						2019	2020	2021	2022	2023
ZH4	Thanet District Council	Boundary Road, Ramsgate	638483	165430	Roadside	22.6	24.5	22.3	25.6	25.5
ZH5	Thanet District Council	The Square, Birchington	630284	169052	Roadside	23.9	23.0	21.1	18.4	16.5
Dover Centre	Dover District Council	A20 Townwall Street, Dover	632302	141465	Roadside	22.0	22.7	20.8	22.0	21.5

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