

Detailed Monitoring Results for Chideock from our Nitrogen Dioxide Diffusion Tube Survey - 2005

Note:

Results are given in $\mu\text{g}/\text{m}^3$ and the annual objective concentration to be met for nitrogen dioxide is $40\mu\text{g}/\text{m}^3$

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

See bias adjusted annual averages for final accurate results

North side of the A35 = **(N)** South Side of the A35 = **(S)**

Site	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sept	Oct	Nov	Dec	Annual Average	Bias adjusted Annual Average
Duck St (724) (S)	13.9	37.9	43.1	42.9	44.7	53.1	52.2	48.4	48.9	14.2	37.1	39.6	39.7	43.6
George Pub (725) (S)				42.9	27.1	32.5	32.8	26.7	32.6	28.6	25.1	34.3	31.4	34.5
Village Hall (726) (S)				29.0	37.7	38.4	46.7	38.6	44.2	32.5	33.6	38.5	37.7	41.4

Detailed Monitoring Results for Chideock from our Nitrogen Dioxide Diffusion Tube Survey - 2006

Note:

Results are given in $\mu\text{g}/\text{m}^3$ and the annual objective concentration to be met for nitrogen dioxide is $40\mu\text{g}/\text{m}^3$

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

See bias adjusted annual averages for final accurate results

North side of the A35 = **(N)** South Side of the A35 = **(S)**

Site	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sept	Oct	Nov	Dec	Annual Average	Bias adjusted Annual Average
Duck St (724) (S)	35.8	38.5	41.0	39.0	48.6	60.5	63.0	50.1	51.6	43.9	35.8	32.97	45.07	45.5
George Pub (725) (S)	29.31	30.73	28.47	25.8	31.95	49.7	39.4	30.4	34.8	27.4	35.3	26.69	31.65	32
Village Hall (726) (S)	35.32	34.38	33.15	37.52	47.59	56.4	57.0	43.0	43.6	34.2	32.3	33.19	40.62	41

Detailed Monitoring Results for Chideock from our Nitrogen Dioxide Diffusion Tube Survey - 2007

Note:

Results are given in $\mu\text{g}/\text{m}^3$ and the annual objective concentration to be met for nitrogen dioxide is $40\mu\text{g}/\text{m}^3$

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

See bias adjusted annual averages for final accurate results

North side of the A35 = **(N)** South Side of the A35 = **(S)**

Site	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sept	Oct	Nov	Dec	Annual Average	Bias adjusted Annual Average
Duck St (724) (S)	32.2	44.7	34.5	53.5	43.1	56.1	55.8	49.4	49.9	30.5	48.0	39.4	44.8	41.7
George Pub (725) (S)	24.9	31.9	30.4	40.6	36.2	37.2	30.9	36.7	36.2	50.1	35.7	30.9	35.1	32.7
Village Hall (726) (S)	30.4	38.5	32.7	43.1	40.5	48.0	47.1	52.9	48.1	38.0	50.9	36.1	42.2	39.3

Detailed Monitoring Results for Chideock from our Nitrogen Dioxide Diffusion Tube Survey - 2008

Note:

Results are given in $\mu\text{g}/\text{m}^3$ and the annual objective concentration to be met for nitrogen dioxide is $40\mu\text{g}/\text{m}^3$

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

See bias adjusted annual averages for final accurate results

North side of the A35 = **(N)** South Side of the A35 = **(S)**

Site	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sept	Oct	Nov	Dec	Annual Average	Bias adjusted Annual Average
Duck St (724) (S)	42.5	49.4	40.8	48.6	56.9	53.3	53.1	60.9	31.1	44.5	43.6		47.68	44.3
George Pub (725) (S)	27.06	38.3	27.4	29.5	41.7	41.0	34.1	34.7	37.7	29.4	26.4	39.27	33.88	31.5
Village Hall (726) (S)	38.9	47.4	36	35.3	50.9	49.7	53.4	51.6	44.9	46.7	39.9	41.8	44.71	41.6

Detailed Monitoring Results for Chideock from our Nitrogen Dioxide Diffusion Tube Survey - 2009

Note:

Results are given in $\mu\text{g}/\text{m}^3$ and the annual objective concentration to be met for nitrogen dioxide is $40\mu\text{g}/\text{m}^3$

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

See bias adjusted annual averages for final accurate results

North side of the A35 = **(N)** South Side of the A35 = **(S)**

Site	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sept	Oct	Nov	Dec	Annual Average	Bias adjusted Annual Average
Duck St (724) (S)	48.1	54.7	52.3	67.3	52.7	39.8	55.0	55.4	40.9	53.7		42.4	51.4	50.9
George Pub (725) (S)	31.6		34.6	36.6	36.7	32.9	29.0	32.4		36.3		34.7	33.9	33.5
Village Hall (726) (S)	42.6	62.0	51.8	56.4	47.3	41.0	48.0	52.7	44.1	53.6	34.1	41.9	48.0	47.5
Duck St 2 (715) (S)			17.7	16.3	13.4	10.4	9.7	13.3		17.1	9.3	19.3	14.1	13.9
Post Office (735) (S)				15.8	14.4	9.4	12.6	10.3			11.6	21.9	13.7	13.6
Post Office (736) (S)				13.4	12.4	11.4		10.8	16.9		10.9	23.8	14.2	14.1
Post Office (737) (S)				11.4	14.0			9.4		16.3	12.0	22.4	14.3	14.1

Detailed Monitoring Results for Chideock from our Nitrogen Dioxide Diffusion Tube Survey - 2010

Note:

Results are given in $\mu\text{g}/\text{m}^3$ and the annual objective concentration to be met for nitrogen dioxide is $40\mu\text{g}/\text{m}^3$

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

See bias adjusted annual averages for final accurate results

North side of the A35 = **(N)** South Side of the A35 = **(S)**

Site	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sept	Oct	Nov	Dec	Annual Average	Local Bias adjusted Annual Average
Duck St (724) (S)	43.0	45.8	43.8	43.1	52.1	47.9	59.4	48.5	53.1	40.4	39.4	37.2	46.1	43.0
George Pub (725) (S)	36.9	36.4	31.9	32.7	33.9	36.0	32.1					30.7	33.8	31.0
Village Hall (726) (S)	46.0	47.2	41.9	44.1	50.8	43.6	53.2	51.8	52.9	42.1	44.2	37.9	46.3	43.0
Post Office (735) (S)	19.9	20.1		16.0	15.3		12.3	15.3	13.2	15.0	17.1	19.5	16.4	15.3
Post Office (736) (S)	22.0		18.2	16.4	12.3	14.0	12.5	17.1	15.4	17.3	18.5	18.9	16.6	15.4
Post Office (737) (S)	23.3	18.6	15.7	15.4	14.0	14.3	11.7	15.3	13.5	15.8	20.1	22.2	16.7	15.5
Real Time Monitor (S)	18.1	15.1	14.8	15.8	12.7	13.4	12.0	12.4	12.2	15.0	18.5	24.8	15.4	N/A
Hope Cottage (722) (N)	23.5				23.2	20.9	17.7	24.9	24.5	21.4	25.3	28.5	23.3	20.0
Church (723) (N)	33.1	30.0	21.3	31.2	30.3	26.5	27.2			23.2	28.6	28.0	27.9	26.0
Whitcroft (727) (S)	39.3		47.5	54.9	61.1	52.3	50.4	72.4	62.2	49.0	50.0	49.7	53.5	50.0
Warren House (728) (N)	33.6	33.3	30.4	31.1	31.8	26.2	28.4	32.2	28.7	28.9	30.8	30.6	30.5	28.0

Detailed Monitoring Results for Chideock from our Nitrogen Dioxide Diffusion Tube Survey - 2011

Note:

Results are given in microgrammes per metre cubed of air ($\mu\text{g}/\text{m}^3$) and the annual objective concentration to be met for nitrogen dioxide is $40\mu\text{g}/\text{m}^3$

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

See bias adjusted annual averages for final accurate results

North side of the A35 = **(N)** South Side of the A35 = **(S)**

Site	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sept	Oct	Nov	Dec	Annual Average	Bias adjusted Annual Average
Duck St (724) (S)	37.2	51.9	45.5	60.6	38.3	50.7	59.9	56.2	55.6	45.8	48.0	33.6	48.6	48.5
George Pub (725) (S)		28.3	34.2	43.1	15.3	36.0	28.4	33.8		28.8	30.6		30.9	30.7
Village Hall (726) (S)	41.1	47.6	50.1	56.1	38.0	67.2	59.2	66.6	54.5	54.7	50.6	27.8	51.1	50.5
Post Office (735) (S)	12.3	14.7	17.4	22.7	8.2	8.9	13.0	15.1	13.6		16.7	10.5	13.9	13.8
Post Office (736) (S)	18.3	15.6	17.0	22.1	8.1	8.1	10.3	14.8	11.6		15.6	10.0	13.8	13.7
Post Office (737) (S)	18.4	15.5	17.3	19.6	7.9	8.5	12.9	15.3	10.7		15.2	11.1	13.8	13.7
Real Time Monitor (S)	18.9	16.0	17.7	16.9	12.6	9.6	10.5	14.2	8.4	N/A	N/A	11.5	13.6	13.6
Hope Cottage (722) (N)	27.0	23.8	23.2	29.3	17.4	21.3	22.8	22.7	18.0	18.2	24.9	12.2	21.7	21.8
Church (723) (N)	25.3	26.6	24.9	35.3	23.5	26.4	31.1	28.4	24.8	25.3	28.1	16.2	26.3	25.7
Whitcroft (727) (S)	52.4	51.0	55.1	67.5	44.5	39.1	62.2	59.1	50.8	52.7	58.8	34.0	52.3	51.5
Warren House (728) (N)	33.1	28.5	34.7	36.6	21.5	35.5	30.0	31.7	27.3	29.0	34.1	16.7	29.9	29.7

Detailed Monitoring Results for Chideock from our Nitrogen Dioxide Diffusion Tube Survey - 2012

Note:

Results are given in microgrammes per metre cubed of air ($\mu\text{g}/\text{m}^3$) and the annul objective concentration to be met for nitrogen dioxide is $40\mu\text{g}/\text{m}^3$

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

See bias adjusted annual averages for final accurate reuslts

South Side of the A35 = (S) North side of the A35 = (N)

Site	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sept	Oct	Nov	Dec	Annual Average	Bias adjusted Annual Average
Duck St (724) (S)	38.2	51.1		48.8	38.4	41.0	52.8	55.1	50.1	43.0	38.8	35.1	44.8	45.2
George Pub (725) (S)	27.5	30.2	34.5	27.4	24.4	20.6	25.5	31.4	30.4	missing	missing	30.1	28.2	28.5
Village Hall (726) (S)	42.6	45.8	59.6	45.3	37.7	44.1	51.5	54.5	61.1	44.7	45.6	55.1	49.0	49.5
Whitcroft (727) (S)	50.6	56.0	69.2	53.0	42.0	41.3	46.9	52.7	57.1	55.3	51.1	58.6	52.8	53.3
Post Office (735) (S)	17.1	19.5	14.4	16.4	12.4	9.9	10.0	10.3	17.0	14.3	13.0	14.1	14.0	14.1
Post Office (736) (S)	16.5	17.3	15.0	15.2	11.3	9.5	10.7	8.4	15.9	12.2	13.7	14.3	13.3	13.4
Post Office (737) (S)	16.5	17.0	16.7	15.7	11.5	9.8	10.8	10.6	15.6	13.2	15.7	12.6	13.8	13.9
Real Time Monitor (S)	12.2	15.1	15.1		13.8	7.8	9.7	To be ratify	To be ratify	To be ratify	To be ratified		12.3	
Hope Cottage (722) (N)	23.6	25.4	27.4		19.4	40.0		17.8	22.5	22.9	17.6	missing	24.1	24.3
Church (723) (N)	24.6	31.7	30.9	24.0		19.9	24.3	26.2	26.8	25.0	26.0	14.6	24.9	25.1
Warren House (728) (N)	26.9	33.1	35.0	26.7	24.3	24.7	24.5	28.6	26.9	28.7	29.2	23.0	27.6	27.9

Detailed Monitoring Results for Chideock from our Nitrogen Dioxide Diffusion Tube Survey - 2013

Note:

Results are given in microgrammes per metre cubed of air ($\mu\text{g}/\text{m}^3$) and the annul objective concentration to be met for nitrogen dioxide is $40\mu\text{g}/\text{m}^3$

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

See bias adjusted annual averages for final accurate results

South Side of the A35 = (S) North side of the A35 = (N)

Site	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sept	Oct	Nov	Dec	Annual Average	Bias adjusted Annual Average
Duck St (724) (S)	31.3	39.4	38.3	34.7	34.4	39.4	67.0	58.6	50.0	36.5	37.3		42.4	42.9
George Pub (725) (S)	23.0	28.8	34.6	20.1	22.8	23.3	27.5	30.8	30.6	25.2	29.5		26.9	27.2
Village Hall (726) (S)	29.9	36.4	45.2	41.8	44.5	42.7	54.0	66.3	55.0	45.2	40.6	37.4	44.9	45.4
Whitcroft (727) (S)	36.3	49.8	59.1	45.5	56.5	55.5		75.3	69.9	51.9	63.2	39.5	54.8	55.3
Post Office (735) (S)	16.4	16.6	16.6	13.7	14.1	17.1	10.9	14.2	15.2	12.2	16.8	10.9	14.6	14.7
Post Office (736) (S)	14.0	19.6	19.5	13.3	13.1	13.7	12.0	13.9	9.2	12.1	16.4	8.6	13.8	13.9
Post Office (737) (S)	16.0	20.5	19.2	10.8	13.3	11.5	11.2	13.7	15.3	11.4	16.1	7.7	13.9	14.0
Real Time Monitor (S)														
Hope Cottage (722) (N)	19.7	13.6	30.3	4.9	18.9	19.6	23.9	24.0	25.1	16.5	22.2	13.3	19.3	19.5
Church (723) (N)	25.1	24.8	30.2	20.2	23.3	22.5	31.9	31.5	30.0	21.9	25.9	19.7	25.6	25.8
Warren House (728) (N)	33.0	31.6	35.0	25.9	29.6	28.6	33.5	30.9	33.7	25.5	32.0	10.4	29.1	29.4

Detailed Monitoring Results for Chideock from our Nitrogen Dioxide Diffusion Tube Survey - 2014

Note:

Results are given in microgrammes per metre cubed of air ($\mu\text{g}/\text{m}^3$) and the annul objective concentration to be met for nitrogen dioxide is $40\mu\text{g}/\text{m}^3$

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

See bias adjusted annual averages for final accurate reuslts

South Side of the A35 = (S) North side of the A35 = (N)

Site	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sept	Oct	Nov	Dec	Annual Average	Bias adjusted Annual Average
Duck St (724) (S)	34.8		40.6	49.5	50.8	65.6	54.1	56.3	28.8	14.0	21.9	17.4	39.4	36.7
George Pub (725) (S)	23.8		28.7	32.9	27.2	30.3	28.6	30.9	33.0	20.3	28.3	25.6	28.1	26.2
Village Hall (726) (S)	34.7	30.9	44.0	51.4	46.3	55.1	58.2	52.1	50.4	41.6	36.7	38.5	45.0	41.8
Whitcroft (727) (S)	40.5	33.4	55.5	79.5	56.5	63.4	72.2	65.7	73.4	44.9	56.8	42.0	57.0	53.0
Post Office (735) (S)	10.8	8.0	13.2	15.9	11.7	11.3	12.0	13.0	14.6	8.4	15.5	12.5	12.2	11.4
Post Office (736) (S)	11.0	7.3	14.6	13.9	11.1	10.8	12.3	13.4	14.2	9.4	16.4	11.0	12.1	11.3
Post Office (737) (S)	11.2	9.0	13.2	13.6	11.5	11.1	12.3	13.0	15.3	9.3	15.7	12.7	12.3	11.5
Real Time Monitor (S)														
Hope Cottage (722) (N)	17.0	12.1	21.6			40.5	33.0	37.6	39.4	26.0	32.7		28.9	26.8
Church (723) (N)	20.5	15.8	24.1	28.5	24.7	26.4	29.5	29.2	30.5	20.7	25.1	20.8	24.6	22.9
Warren House (728) (N)	21.5	19.9	28.0	35.8	28.8	32.1	31.3	25.5	34.0	20.9	30.1	22.1	27.5	25.6

Detailed Monitoring Results for Chideock from our Nitrogen Dioxide Diffusion Tube Survey - 2015

Note:

Results are given in microgrammes per metre cubed of air ($\mu\text{g}/\text{m}^3$) and the annul objective concentration to be met for nitrogen dioxide is $40\mu\text{g}/\text{m}^3$

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

See bias adjusted annual averages for final accurate reuslts

South Side of the A35 = (S) North side of the A35 = (N)

Site	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sept	Oct	Nov	Dec	Annual Average	Bias adjusted Annual Average
Duck St (724) (S)	18.3	38.5	37.2	47.6	48.8	45.5	51.9	54.0	45.2	44.1		27.5	41.7	36.7
George Pub (725) (S)	26.7	25.2	24.0	30.5	26.9	24.9	25.2	33.0	28.4	30.2	22.8	17.7	26.3	23.1
Village Hall (726) (S)	37.5	38.3	38.9	46.1	48.3	46.2	54.4	54.3	54.3	47.0	38.8	30.2	44.5	39.2
Whitcroft (727) (S)		47.6	44.7	57.3	55.3	55.0	55.7	101.1	72.5	61.0	44.3	30.1	56.8	50.0
Post Office (735) (S)	14.9	12.5	14.8	12.0	10.8	10.4	11.1	27.2	12.8	14.5	10.3	7.5	13.2	11.6
Post Office (736) (S)	15.3	13.5	15.9	13.1	11.1	10.6	10.0	10.4	11.5	14.9	7.9	7.3	11.8	10.4
Post Office (737) (S)	15.4	13.6	16.0	12.5	11.2	10.3	10.1	12.4	12.1	14.6	9.7	7.4	12.1	10.7
Real Time Monitor (S)														
Hope Cottage (722) (N)		19.4	20.3	23.7	17.1	19.6	16.1	21.0	24.2	25.8	14.5	8.9	19.1	16.8
Church (723) (N)	24.0	22.6	20.9	28.3	27.1	25.8			31.4	26.6	17.3	12.0	23.6	20.8
Warren House (728) (N)	23.4	26.3	24.2	30.8	26.3			41.5		29.1	23.1	15.0	26.6	23.4

Detailed Monitoring Results for Chideock from our Nitrogen Dioxide Diffusion Tube Survey - 2016

Note:

Results are given in microgrammes per metre cubed of air ($\mu\text{g}/\text{m}^3$) and the annul objective concentration to be met for nitrogen dioxide is $40\mu\text{g}/\text{m}^3$

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

See bias adjusted annual averages for final accurate reuslts

South Side of the A35 = (S) North side of the A35 = (N)

Site	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sept	Oct	Nov	Dec	Annual Average	Bias adjusted Annual Average
Duck St (724) (S)	36.7	30.7	39.9	44.6	43.5		59.0	54.3	88.1	36.6	37.4	49.0	47.3	47.7
George Pub (725) (S)	23.5	22.3	29.4	26.2	23.7	27.5	22.0	26.0	25.6	28.0	15.8	32.8	25.2	25.5
Village Hall (726) (S)	36.7	32.3	33.2	39.5	47.8	49.5	56.1	73.8	63.8	40.8	42.4	52.3	47.4	47.8
Whitcroft (727) (S)	39.5	45.3	55.5	49.7	22.0	78.5	71.6	73.7	69.2	64.7	63.8	66.7	58.4	58.9
Post Office (735) (S)	13.7	13.2	11.1	13.0	12.9	11.7	8.5	10.4	11.1	14.3	14.6	14.4	12.4	12.5
Post Office (736) (S)		13.1	14.0	12.1	13.7	10.2	7.8	10.1	10.8	14.6	14.5	15.6	12.4	12.5
Post Office (737) (S)	12.1	12.8	14.1	12.0	12.0	10.9	8.1	11.4	10.7	14.6	14.6	16.1	12.4	12.6
Real Time Monitor (S)														
Hope Cottage (722) (N)	15.7	19.1	19.3	7.2	21.5	23.2	16.2	19.1	21.7	24.1	23.0	23.6	19.5	19.7
Greenhill (738) (S)	14.9	18.4	19.9	19.3		31.7	11.8	15.3	16.7	23.7	27.4	24.4	20.3	20.5
Warren House (728) (N)	23.3	24.6	22.5	24.3	28.3	31.0	24.5	27.2	28.7	25.9	27.5	32.7	26.7	27.0

Detailed Monitoring Results for Chideock from our Nitrogen Dioxide Diffusion Tube Survey - 2017

Note:

Results are given in microgrammes per metre cubed of air ($\mu\text{g}/\text{m}^3$) and the annul objective concentration to be met for nitrogen dioxide is $40\mu\text{g}/\text{m}^3$

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

See bias adjusted annual averages for final accurate results

South Side of the A35 = (S) North side of the A35 = (N)

Site	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sept	Oct	Nov	Dec	Annual Average	Bias adjusted Annual Average
Duck St (724) (S)	45.7	44.8	41.2	45.2	49.1	52.2	42.7	55.8	23.2	41.4	40.3			
George Pub (725) (S)	33.0	25.2	25.5	27.3	25.0	23.7	20.7	25.9	70.7	25.9	29.5	23.7		
Village Hall (726) (S)	46.6	39.6	48.0	40.8	46.8	51.0	41.5	50.0	18.7	47.4	47.1	38.5		
Whitecroft (727) (S)	24.5	19.5	57.0	80.2	65.2	72.8	63.9	78.4	26.3	70.6	59.8	53.6		
Post Office (735) (S)	18.8	14.7	13.1	12.5	10.5	11.0								
Post Office (736) (S)	17.9	13.5	12.7	13.0	11.5	10.3								
Post Office (737) (S)	17.5	13.5	11.2	11.2	11.1	10.6								
Hope Cottage (722) (N)	59.7	47.4		20.4	21.6	20.2	16.3	20.9	35.5	16.8	23.3	16.8		
Greenhill (738) (S)	25.1	20.7	19.5	17.3	21.5	16.1	10.9	16.9	31.2	15.9	19.2	16.2		
Warren House (728) (N)	27.6	25.6	28.0	33.0	30.3	27.9	23.2	27.6	35.5	22.8	28.4	24.0		

West Dorset District Council identified anomalies with the results from September 2017's diffusion tube monitoring. The Laboratory results suggested that there had been occasions where tubes had been transposed.

The laboratory were contacted and the matter investigated by both the analysts and the council. From this, it is in the opinion of WDDC that there has been an error with deployment or labelling of the tubes prior to deployment and the council does not have confidence in using the September 2017 data for the 2017 annual mean calculations for nitrogen dioxide. The annual mean for each location will therefore be annualised as per Defra's Guidance within Local Air Quality Management Technical Guidance (TG16).

Because of this significant error, the Quality Assurance and Quality Control Procedures have been reviewed (last undertaken in 2014). A new procedure (in line with Defra Guidance) is now in place.

The errors identified above were provided to Defra, along with a proposed revised set of data. Defra have agreed and accepted the results in the following table to be correct for 2017

Site	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sept	Oct	Nov	Dec	Annual Average	Bias adjusted Annual Average
Duck St (724) (S)	24.5	19.5		20.4	21.6	20.2	16.3	20.9		16.8	23.3	16.8	45.9	44.0
George Pub (725) (S)	33.0	25.2	25.5	27.3	25.0	23.7	20.7	25.9		25.9	29.5	23.7	25.9	24.9
Village Hall (726) (S)	46.6	39.6	48.0	40.8	46.8	51.0	41.5	50.0		47.4	47.1	38.5	45.2	43.4
Whitecroft (727) (S)	59.7	47.4	57.0	80.2	65.2	72.8	63.9	78.4		70.6	59.8	53.6	64.4	61.8
Post Office (735) (S)	18.8	14.7	13.1	12.5	10.5	11.0								
Post Office (736) (S)	17.9	13.5	12.7	13.0	11.5	10.3								
Post Office (737) (S)	17.5	13.5	11.2	11.2	11.1	10.6								
Hope Cottage (722) (N)	24.5	19.5		20.4	21.6	20.2	16.3	20.9		16.8	23.3	16.8	20.0	19.2
Greenhill (738) (S)	25.1	20.7	19.5	17.3	21.5	16.1	10.9	16.9		15.9	19.2	16.2	18.1	17.4
Warren House (728) (N)	27.6	25.6	28.0	33.0	30.3	27.9	23.2	27.6		22.8	28.4	24.0	27.1	26.0

Detailed Monitoring Results for Chideock from our Nitrogen Dioxide Diffusion Tube Survey - 2018

Note:

Results are given in microgrammes per metre cubed of air ($\mu\text{g}/\text{m}^3$) and the annul objective concentration to be met for nitrogen dioxide is $40\mu\text{g}/\text{m}^3$

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

See bias adjusted annual averages for final accurate reuslts

South Side of the A35 = (S) North side of the A35 = (N)

Site	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sept	Oct	Nov	Dec	Annual Average	Bias adjusted Annual Average
Duck St (724) (S)	41.3	34.8	38.0	43.0	44.5	47.5	61.0	51.3	42.4	37.7	32.9	37.7		
George Pub (725) (S)	27.1	26.9	25.3	24.2	28.6	26.7	28.9	29.0	26.7	27.2		29.0		
Village Hall (726) (S)	44.9	36.1	35.5	40.9	55.1	47.8	62.4	54.6	42.8	39.8	30.3	37.7		
Whitcroft (727) (S)	50.1	53.9	51.5	64.7	80.9	74.0	88.4	73.8	67.4	63.2	48.2	55.5		
Hope Cottage (722) (N)	21.1	23.2	21.7	23.3	27.1	26.4	20.8	22.2	20.1	22.1	19.4	20.3		
Greenhill (738) (S)	22.7	22.8	15.9	21.1	23.9	22.6	15.6	19.0	18.7	24.1	19.3	22.3		
Warren House (728) (N)	24.9	25.6	24.5	32.7	34.4	28.6	30.5	28.7	26.1	31.4	22.7	24.7		
Chideock Hill Cottage (N14) (S)								122.4	99.8	103.3	68.6	79.2		

Detailed Monitoring Results for Chideock from our Nitrogen Dioxide Diffusion Tube Survey - 2019

Note:

Results are given in microgrammes per metre cubed of air ($\mu\text{g}/\text{m}^3$) and the annual objective concentration to be met for nitrogen dioxide is $40\mu\text{g}/\text{m}^3$

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

See bias adjusted annual averages for final accurate results

South Side of the A35 = (S) North side of the A35 = (N)

[illegible]

Summary of Chideock's Monitoring Results from our Nitrogen Dioxide Survey

Note:

Results are given in $\mu\text{g}/\text{m}^3$ and the annual objective concentration to be met for nitrogen dioxide is $40\mu\text{g}/\text{m}^3$.

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

North side of the A35 = (N) South Side of the A35 = (S)

[illegible]

Trend in Annual mean concentration of nitrogen dioxide in Chideock

