

A585 Windy Harbour to Skippool Improvement Scheme

TR010035

6.6.3 ES Appendix 6.3: Air Quality Monitoring Data

APFP Regulation 5(2)(a)

Planning Act 2008

Infrastructure Planning (Applications: Prescribed
Forms and Procedure) Regulations 2009

Volume 6

October 2018

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Infrastructure Planning

Planning Act 2008

The Infrastructure Planning
(Applications: Prescribed Forms and
Procedure) Regulations 2009

**A585 Windy Harbour to Skippool
Improvement Scheme**
Development Consent Order 201[]

ES APPENDIX 6.3: AIR QUALITY MONITORING DATA

Regulation Number:	Regulation 5(2)(a)
Planning Inspectorate Scheme Reference	TR010035
Application Document Reference	TR010035/APP/6.6.3
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Version	Date	Status of Version
Rev 0	October 2018	DCO submission

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1 AIR QUALITY MONITORING DATA

1.1 Fylde Borough Council

- 1.1.1 Table 1 provides the bias adjusted annual mean NO₂ concentrations from the Fylde Borough Council diffusion tube monitoring. All results have a data capture of greater than 75% or have been annualised to represent a full data capture.

Table 1: Fylde Borough Council Diffusion Tube Monitoring Results (NO₂)

Site Name	X	Y	2012	2013	2014	2015	2016
89 Clifton Street	336641	427192	30.6	25.1	24.8	25.6	27.5
4 Whitewood Close	335470	427801	11.3	11.4	12.4	10.6	12.3
Duncan Close	331791	430446	15.5	12.6	13.8	11.1	12.6
Westgate Road	331179	431506	17.1	13.3	13.3	12.6	13.4
Sagar Drive	342353	428540	19.3	12.6	13.3	10.9	13.0
Saltcoates Road	337787	427909	-	18.0	15.9	14.6	14.2

Note: none of these sites are located within the study area and are therefore not presented on Figure 6.2 (document reference TR010035/APP/6.6).

1.2 Wyre Council

- 1.2.1 Table 2 provides the bias adjusted annual mean NO₂ concentrations from the Wyre Council diffusion tube monitoring (see Figure 6.2 (document reference TR010035/APP/6.6) for monitoring locations within the study area). All results have a data capture of greater than 75% or have been annualised to represent an annual mean.

Table 2: Wyre Council Diffusion Tube Monitoring Results (NO₂)

Site ID	Site Location	X	Y	2012	2013	2014	2015	2016
Site K*	22 Poulton Road, Fleetwood, FY7 6LP	333402	447778	18.9	16.0	15.0	12.4	14.1
Site L	153 Victoria Road East, Thornton- Cleveleys, FY5 5HH	333717	442185	25.1	23.4	21.7	20.1	21.7
Site M	200 Fleetwood Road South, Thornton- Cleveleys, FY5 5NR	333711	441308	18.2	17.5	15.8	14.7	17.6
Site N*	43/44 High Street, Garstang, PR3 1EA	349237	445344	29.7	27.1	24.2	23.4	25.2
Site R.1-3	11/13 Chapel Street, Poulton, FY6 7BQ	334903	439425	40.1	39.2	36.6	31.1	32.3
Site R.4-6	Chapel Street, Poulton	334887	439458	42.8	38.6	37.1	32.9	31.5
Site S	36 Tithebarn Street, Poulton, FY6 7BX	334725	439550	21.5	21.0	19.9	17.8	19.0

Site ID	Site Location	X	Y	2012	2013	2014	2015	2016
Site T	133 Breck Road, Poulton, FY6 7HJ	335247	440095	31.2	29.2	27.9	26.7	27.7
Site U	Wyre Council, Breck Road, Poulton, FY6 7PU	334987	439868	12.0	11.1	10.4	8.6	10.1
Site 3	5 Bridge Row, St. Michaels, PR3 0TJ	346143	441157	30.2	30.2	30.1	28.3	29.8
Site 7	168 Breck Road, Poulton, FY6 7JZ	335499	440467	17.7	17.1	15.0	13.7	15.7
Site 8	66 Hardhorn Road, Poulton, FY6 8AX	334791	438990	19.6	19.5	18.3	16.2	19.1
Site 9	1A Hardhorn Road, Poulton, FY67WA	334836	439317	27.7	25.1	25.3	20.1	22.9
Site 11	3 Briarwood Court, Thornton- Cleveleys, FY5 5DZ	333965	441347	19.7	20.7	19.3	17.6	20.2
Site 12*	2 Park Hill, Road, Garstang, PR3 1EL	349134	445224	29.1	26.3	28.6	23.3	25.8
Site 13*	10 Croston, Road, Garstang, PR3 1FL	349222	445455	27.3	25.7	23.8	21.9	25.6
Site 14	Halifax, Breck Road, Poulton	334868	439525	40.3	35.8	34.9	30.3	29.5
Site 15	63 Trunnah Road, Thornton- Cleveleys, FY5 4HF	333874	443054	32.5	30.6	29.6	27.1	28.6
Site 16	24 Rose Fold, Thornton- Cleveleys, FY5 4NQ	333429	443983	16.5	16.2	15.4	13.5	15.2

Note: the sites shown *are not located close to the study area and are, therefore, not displayed in Figure 6.2 (document reference TR010035/APP/6.6).

1.3 Highways England Monitoring Data

1.3.1 Table 3 provides the monthly results from the Highways England diffusion tube monitoring. The locations of the monitoring within the study area is presented on Figure 6.2 (document reference TR010035/APP/6.6).

Table 3: Highways England Diffusion Tube Monitoring Results (NO₂)

Site ID	X	Y	Jan 2014	Feb 2014	Mar 2014	Apr 2014	May 2014	Jun 2014	6 month Average	Bias Adjusted Average ^[1]
001	332831	443791	27.3	29.3	28.1	22.3	19.4	17.4	24.0	19.6
002	332936	443404	30.9	33.2	33.0	27.7	23.5	20.4	28.1	22.9
003	332741	443359	26.2	30.0	21.0	22.7	16.6	16.1	22.1	18.0

Site ID	X	Y	Jan 2014	Feb 2014	Mar 2014	Apr 2014	May 2014	Jun 2014	6 month Average	Bias Adjusted Average ^[1]
004	332859	443373	28.0	34.9	28.4	30.7	29.6	25.1	29.5	24.0
005	332972	443823	23.7	22.8	19.9	18.4	13.7	8.6	17.9	14.6
006	332909	443768	22.3	27.0	18.7	16.6	12.1	8.2	17.5	14.3
007	332802	443719	19.4	26.9	16.1	19.3	10.6	13.8	17.7	14.4
008	332869	443480	22.4	32.9	20.6	19.4	15.9	14.3	20.9	17.1
009	332856	443304	20.3	26.9	21.0	20.6	15.1	13.9	19.6	16.0
010	339586	439795	21.2	25.2	25.0	22.7	21.2	22.1	22.9	18.7
011	339480	439479	28.9	40.1	36.3	27.5	31.5	27.4	32.0	26.1
012*	333768	434759	24.1	24.1	24.1	20.4	13.5	10.8	19.5	15.9

Note: * site 012 is not located close to the study area and therefore not displayed on Figure 6.2 (document reference TR010035/APP/6.6).

^[1] Values have been bias adjusted using bias adjustment factor 0.82 from Blackpool Marton AURN site.