

**The Great Grid Upgrade**

Sea Link

# Preliminary Environmental Information Report

Volume: 2

Part 2 Suffolk Onshore Scheme

Appendix 2.9.B Air Quality Monitoring Data

Version A

October 2023

**nationalgrid**

This page is intentionally blank.

# Contents

---

## Appendix 2.9.B Air Quality Monitoring Data 1

---

### Table of Tables

Table 2.9.B.1 - East Suffolk Council Diffusion Tube Monitoring Data (Ref 9.28)	1
Table 2.9.B.2 - East Suffolk Council Automatic Monitoring Data (Ref 9.28)	3
Table 2.9.B.3– Sizewell C Project-Specific Monitoring Data	4

---

# Sea Link

## Document control

---

### Document Properties

---

<b>Organisation</b>	Arcadis Consulting (UK) Ltd
<b>Author</b>	Arcadis
<b>Approved by</b>	Arcadis
<b>Title</b>	Sea Link PEIR Volume 2, Part 2, Appendix 2.9.B Air Quality Monitoring
<b>Data Classification</b>	Public

---

---

### Version History

---

<b>Date</b>	<b>Version</b>	<b>Status</b>	<b>Description / Changes</b>
24/10/2023	A	FINAL	First issue

---



# Appendix 2.9.B Air Quality Monitoring Data

## East Suffolk Council Diffusion Tube Monitoring Data

Table 2.9.B.1 - East Suffolk Council diffusion tube monitoring data (Ref 9.28)

Site ID	Local authority	Site name	X OS grid ref (m)	Y OS grid ref (m)	Type	2018 Annual mean NO <sub>2</sub> (µg/m <sup>3</sup> )	2019 Annual mean NO <sub>2</sub> (µg/m <sup>3</sup> )	2020 Annual mean NO <sub>2</sub> (µg/m <sup>3</sup> )	2021 Annual mean NO <sub>2</sub> (µg/m <sup>3</sup> )	2022 Annual mean NO <sub>2</sub> (µg/m <sup>3</sup> )
MLS 1	East Suffolk Council	Street Sign nr Ernest Doe, Main Road (A12)	632734	257733	Roadside	-	-	-	-	19.6
LGM 2	East Suffolk Council	Carlton Lodge, Main Road	634051	258315	Roadside	18.6	18.9	17.1	14.7	14
STA 7	East Suffolk Council	30mph sign, Long Row	635736	259984	Roadside	30.7	30.2	28	20.4	22.6
STA 2	East Suffolk Council	Road sign opposite	635732	259995	Roadside	25.5	24.1	24.6	14.9	15.8

Site ID	Local authority	Site name	X OS grid ref (m)	Y OS grid ref (m)	Type	2018 Annual mean NO <sub>2</sub> (µg/m <sup>3</sup> )	2019 Annual mean NO <sub>2</sub> (µg/m <sup>3</sup> )	2020 Annual mean NO <sub>2</sub> (µg/m <sup>3</sup> )	2021 Annual mean NO <sub>2</sub> (µg/m <sup>3</sup> )	2022 Annual mean NO <sub>2</sub> (µg/m <sup>3</sup> )
		Long Row								
STA 8a, STA 8b, STA 8c	East Suffolk Council	5 Long Row, Main Road	635743	259992	Roadside	38.8	37.7	36.2	27.4	28.3
STA 1a, STA 1b, STA 1c	East Suffolk Council	1 Long Row, Main Road	635753	260002	Roadside	35.1	34	32.3	23.8	26
STA 6	East Suffolk Council	Jacobs Cottage, Main Road	635794	260042	Roadside	21.5	21.3	20.2	15.8	16.8
FAR 2a, FAR 2b, FAR 2c	East Suffolk Council	Post Office Stores, The Street	636274	260120	Roadside	27.7	27.4	24.4	19	20.3
FAR 1	East Suffolk Council	Turret House, The Street	636273	260134	Roadside	23.7	23.5	21.2	17	17.8
SAX 1	East Suffolk Council	30 Church Street	638683	263014	Roadside	29.9	28.7	27.8	20.7	25.1

Site ID	Local authority	Site name	X OS grid ref (m)	Y OS grid ref (m)	Type	2018 Annual mean NO <sub>2</sub> (µg/m <sup>3</sup> )	2019 Annual mean NO <sub>2</sub> (µg/m <sup>3</sup> )	2020 Annual mean NO <sub>2</sub> (µg/m <sup>3</sup> )	2021 Annual mean NO <sub>2</sub> (µg/m <sup>3</sup> )	2022 Annual mean NO <sub>2</sub> (µg/m <sup>3</sup> )
YOX 1	East Suffolk Council	Brook Street (outside Kings Head PH)	639647	268740	Roadside	-	-	-	13.8	13.6

## East Suffolk Council Automatic Monitoring Data

Table 2.9.B.2 - East Suffolk Council Automatic Monitoring Data (Ref 9.28)

Site ID	Local authority	Site name	X OS grid ref (m)	Y OS grid ref (m)	Type	2018 Annual mean NO <sub>2</sub> (µg/m <sup>3</sup> )	2019 Annual mean NO <sub>2</sub> (µg/m <sup>3</sup> )	2020 Annual mean NO <sub>2</sub> (µg/m <sup>3</sup> )	2021 Annual mean NO <sub>2</sub> (µg/m <sup>3</sup> )	2022 Annual mean NO <sub>2</sub> (µg/m <sup>3</sup> )
WBG	East Suffolk Council	Woodbridge Junction	627596	249261	Roadside	33	31	25	25	23

2.9.B.1 There were no exceedances of the hourly mean objective (200µg/m<sup>3</sup>) between 2018 and 2022.

## Sizewell C Project-Specific Monitoring Data

Table 2.9.B.3– Sizewell C Project-Specific Monitoring Data

Site ID	X OS grid ref (m)	Y OS grid ref (m)	2019 Annual mean NO <sub>2</sub> (µg/m <sup>3</sup> )
DT8	638602	267046	22.1
DT11	638319	266015	16.6



This page is intentionally blank.

National Grid plc  
National Grid House,  
Warwick Technology Park,  
Gallows Hill, Warwick.  
CV34 6DA United Kingdom

Registered in England and Wales  
No. 4031152  
[nationalgrid.com](http://nationalgrid.com)