



Census ID: 77436

A34, Western Oxford Bypass

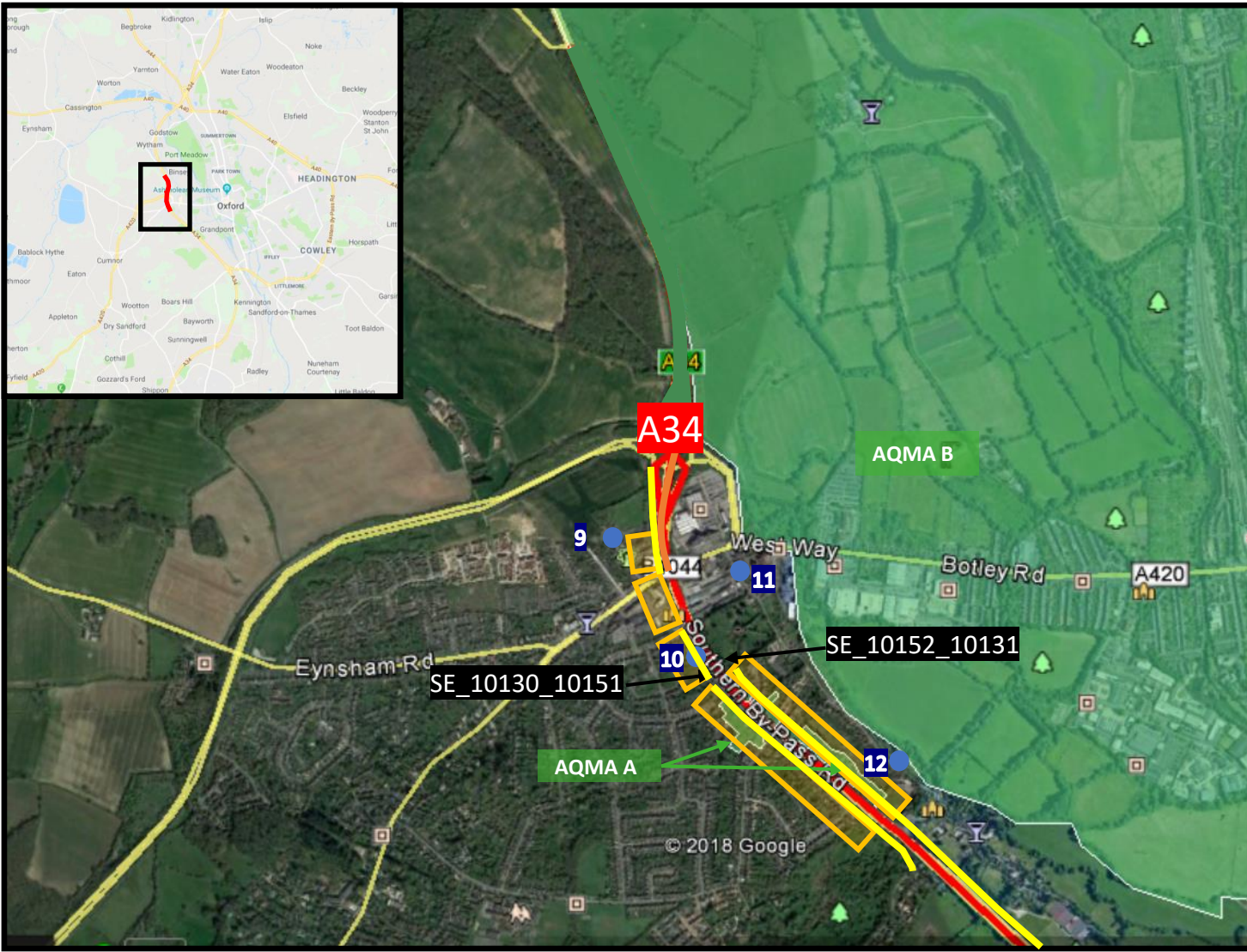
Highways England Region: Area 3

Phase 3

AQ Description: PCM non-compliant. Sensitive receptors and public access within 15m.

Highways England Verified Modelled NO₂ Concentrations (µg/m³)

Year	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030
NO ₂ Conc.	77	73	69	65	61	58	55	53	50	48	47	45	44



Highways England Diffusion Tube Monitoring Data

Location	2017 Annualised NO ₂ Concentration (µg/m ³)
9	22
10	31
11	26
12	22

AQMA

Map ID	Local Authority	Description	Pollutant
AQMA A	Vale of White Horse DC	Botley AQMA	Annual NO ₂
AQMA B	Oxford City Council	Whole city AQMA	Annual NO ₂

Regional Transport Model Traffic Data for 2017

Road	RTM ID	AADT	%HDV
A34 northbound	SE_10130_10151	37369	11
A34 southbound	SE_10152_10131	37718	11

Typical Traffic				Fast				Slow
AM (07:00 – 10:00)	IP (10:00 – 16:00)	PM (16:00 – 19:00)	OP (19:00 – 07:00)					
NB	SB	NB	SB	NB	SB	NB	SB	

Key

PCM Link		Sensitive Receptor/s within 15m of PCM Link	
NO ₂ monitoring		Footpath/s within 15m of PCM Link	
AQMA		RTM ID	
Bus Stop		Section of PCM link within 25m of junction	

Major Project Scheme in vicinity?

- A34 Oxford Junctions

Commentary

- Public access is located along the length of the PCM link.
- Sensitive receptors are within 15m of the A34 in Botley along Westminster Way and at the end of Stanley Close and Yarnell's Road. Some of these properties are within the Vale of White Horse AQMA.