



Receptor 2 - Marldene	Predicted NO _x (µgm ⁻³)		Predicted NO ₂ (µgm ⁻³)		Predicted PM ₁₀ (µgm ⁻³)	
	2010	2025	2010	2025	2010	2025
Do Something Scenario	7.36	6.67	5.08	4.65	11.36	11.05

Receptor 1 - Hope	Predicted NO _x (µgm ⁻³)		Predicted NO ₂ (µgm ⁻³)		Predicted PM ₁₀ (µgm ⁻³)	
	2010	2025	2010	2025	2010	2025
Do Something Scenario	9.65	8.21	5.97	5.44	11.64	11.30

Receptor 3 - Old Crichton Dean	Predicted NO _x (µgm ⁻³)		Predicted NO ₂ (µgm ⁻³)		Predicted PM ₁₀ (µgm ⁻³)	
	2010	2025	2010	2025	2010	2025
Do Something Scenario	5.85	5.00	4.43	4.08	11.04	10.75

REFERENCE

— 100 m — DISTANCE FROM CENTRE OF PROPOSED ROAD

NOTE

LOCAL AIR QUALITY CONSTRAINTS MAP SHOWING THE ROUTES AFFECTED BY THE PROPOSED SCHEME AS WELL AS THE RECEPTORS WITHIN 200M OF THE AFFECTED ROUTES. THERE ARE NO DESIGNATED SITES OR AIR QUALITY MANAGEMENT AREAS WITHIN THE VICINITY OF THE PROPOSED SCHEME.

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Substance	Air quality objective levels	Air quality objective dates
Nitrogen dioxide	200 µgm ⁻³ 1 hour mean (maximum 18 exceedances per year)	31 December 2005
	40 µgm ⁻³ annual mean	31 December 2005
PM ₁₀	50 µgm ⁻³ 24 hour mean (maximum 7 exceedances per year)	31 December 2010
	18 µgm ⁻³ annual mean	31 December 2010

REVISION	DETAILS	DATE	DRAWN	CHECK'D	APP'D
A	DRAWING TITLE AMENDED AND NOTE & TABLE ADDED.	JUNE 08	JPV		

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<input type="checkbox"/> WEST BROMWICH	TEL 0121 580 0909	<input type="checkbox"/> SHEFFIELD	TEL 0114 245 6244
<input type="checkbox"/> LONDON	TEL 020 7287 2872	<input type="checkbox"/> EDINBURGH	TEL 0131 555 3311



PROJECT A68 PATHHEAD TO TYNEHEAD REALIGNMENT		
DRAWING TITLE AIR QUALITY CONSTRAINTS DIAGRAM (AIR QUALITY SENSITIVE PROPERTIES LOCATED WITHIN 200m OF THE PROPOSED REALIGNMENT AND AFFECTED ROUTES) (SHEET 1 OF 2)		
DRG No Figure 5.2a	SCALE 1:5000	DATE APRIL 2008
DRAWN BY J.P.V.	CHECKED BY	APPROVED BY