

Appendix 5.1: Policy Tables

Table 5.1 Action items changed or removed		
Previous Action Plan	Description	Reason for Change
A1	Blast furnace 5 rebuilt	Removed due to completion.
A2	Steelworks dust reduction programme	Expanded and updated.
A3	Planning policy	Modified to reflect change to UDP required by planning inspector.
A4	Peripheral Distributor Road (PDR)	Updated to reflect progress on the project and reallocated to ref A5.
A5	Green Transport Plans	Minor changes to reflect new terminology. Reallocated to ref A8.
A6	School Travel Plans	Minor changes only. Reallocated to ref A9.
A7	Bonfires	Minor changes only. Reallocated to ref A10.
A8	Tree planting	Updated and reallocated to ref A4.
A9	Fleet vehicle emissions	Removed as all new council LGVs are Euro IV or more.
A10	Roadside emission testing	Removed since funding is no longer available from Welsh Government.
A11	Transport in the community	Removed as it is no longer considered to be sufficiently relevant to the AQMA.
A12	Street Sweeping	Reallocated to ref A13.

Table 5.2 Action items added		
Previous Action Plan	Description	Reason for Change
A1	Multi-agency interaction	Take account for this important tranche of work
A6	Train haulage emissions	Ensure that emissions from dusty trains are minimised.
A7	NPTCBC regulation of Civil & Marine Slag Cement.	Reflect importance of regulation of this site which borders the steel works.
A11	Industrial fires	Some industrial fires have great potential for PM ₁₀ pollution. The aim is to minimise the potential for these within the AQMA.
A12	Hill fires	Minimise potential for PM ₁₀ emissions arising from these fires which occur regularly in summer months.
A14	LSB Air alerts	Provision of an alert system that will enable industry to respond to changing conditions and a pilot alert system that will allow vulnerable individuals to be informed of raised air pollution and act accordingly to minimise the impact.

Table 5.4 EU Limit Values			
Pollutant	Limit Value	Measured as	Date to be achieved by and maintained thereafter
Benzene	5 µg/m ³	Annual Mean	1 January 2010
Carbon monoxide	10.0 mg/m ³	Maximum Daily 8-Hour Mean updated hourly	1 January 2005
Lead	0.5 µg/m ³	Annual Mean	1 January 2005
Nitrogen dioxide	200 µg/m ³ not to be exceeded more than 18 times per year	1 Hour Mean	1 January 2010
	40 µg/m ³	Annual Mean	
Nitrogen Oxides (assuming as nitrogen dioxide)	30 µg/m ³ (for the protection of vegetation)	Annual Mean	19 July 2001
Ozone(Target)	120 µg/m ³ not to be exceeded more than 25 times per year	Maximum Daily Running 8-hour Mean updated hourly	1 January 2010
Particles (PM ₁₀) (gravimetric)	50 µg/m ³ not to be exceeded more than 35 times per year.	24 Hour Mean	1 January 2005
	40 µg/m ³	Annual Mean	1 January 2005
Particles (PM _{2.5}) Exposure Reduction	Target value 25 µg/m ³	Annual Mean	2010
Particles (PM _{2.5}) Exposure Reduction	Target of 20% reduction in concentrations at urban background	Annual Mean	Between 2010 and 2020

Table 5.4 EU Limit Values			
Pollutant	Limit Value	Measured as	Date to be achieved by and maintained thereafter
Particles (PM _{2.5})	25 µg/m ³	Annual Mean	2015
	20 µg/m ³ ^a	Annual Mean	2020
Sulphur dioxide	350 µg/m ³ not to be exceeded more than 24 times per year	1 Hour Mean	1 January 2005
	125 µg/m ³ not to be exceeded more than 3 times per year	24 Hour Mean	1 January 2005
	20 µg/m ³ (for the protection of vegetation)	Annual Mean	19 July 2001

Table 5.5 UK Air Quality Objectives			
Pollutant	Air Quality Objective		Date to be achieved by and maintained thereafter
	Concentration	Measured as	
Benzene	16.25 µg/m ³	Running Annual Mean	31.12.2003
Benzene	5.0 µg/m ³	Annual Mean	31.12.2010
1,3-Butadiene	2.25 µg/m ³	Running Annual Mean	31.12.2003
Carbon monoxide	10.0 mg/m ³	Maximum Daily Running 8-hour Mean	31.12.2003
Lead	0.5 µg/m ³	Annual Mean	31.12.2004
	0.25 µg/m ³		31.12.2008
Nitrogen dioxide	200 µg/m ³ not to be exceeded more than 18 times a year	1 Hour mean	31.12.2005
	40 µg/m ³	Annual Mean	
Nitrogen Oxides (for the protection of vegetation)	30 µg/m ³	Annual Mean	31.12.2000
Particles (PM ₁₀) (gravimetric)	50 µg/m ³ not to be exceeded more than 35 times a year	24 Hour Mean	31.12.2004
	40 µg/m ³	Annual Mean	31.12.2004

Table 5.5 UK Air Quality Objectives			
Pollutant	Air Quality Objective		Date to be achieved by and maintained thereafter
	Concentration	Measured as	
Particles (PM _{2.5}) Exposure Reduction	25 µg/m ³	Annual Mean	2020
Particles (PM _{2.5}) Exposure Reduction UK urban areas	Target of 15% reduction in concentrations at urban background ^a	Annual Mean	Between 2010 and 2020
Sulphur Dioxide	266 µg/m ³ not to be exceeded more than 35 times a year	15 Minute Mean	31.12.2005
	350 µg/m ³ not to be exceeded more than 24 times a year	1 Hour Mean	31.12.2004
	125 µg/m ³ not to be exceeded more than 3 times a year	24 Hour Mean	31.12.2004
Ozone	100 µg/m ³ not to be exceeded more than 10 times a year	8 Hour Mean	31.12.2005

Table 5.6 Non-Statutory Air Quality Objectives and Guidelines			
Pollutant	Limit Value	Measured as	Source
Particles (PM _{2.5})	Target of 15% reduction in concentrations at urban background locations	Annual Mean	Air Quality Strategy 2007
	10 µg/m ³	Annual Mean	World Health Organisation
	25 µg/m ³	24 Hour Mean	
Particles (PM ₁₀)	20 µg/m ³	Annual Mean	World Health Organisation
Sulphur dioxide	500 µg/m ³	10 Minute Mean	World Health Organisation
	20 µg/m ³	24 Hour Mean	