

**Quarterly AQMP Ambient Monitoring Data  
and Compliance Assessment Summary  
Aberthaw – 01/01/2015 to 31/03/2015**

	AQS compliance value	Font-y-Gary
<b>SO<sub>2</sub> STATISTICS</b>		
Period Mean ( $\mu\text{g m}^{-3}$ )		5.4
99.18%ile daily value ( $\mu\text{g m}^{-3}$ )	125	29
99.73%ile hourly value ( $\mu\text{g m}^{-3}$ )	350	83
99.90%ile 15-min value ( $\mu\text{g m}^{-3}$ )	266	152
<b>Number of Readings Greater than:</b>		
AQS Daily Threshold	$\leq 3 \text{ pa } > 125 \mu\text{g m}^{-3}$	0
AQS Hourly Threshold	$\leq 24 \text{ pa } > 350 \mu\text{g m}^{-3}$	0
AQS 15-minute Threshold	$\leq 35 \text{ pa } > 266 \mu\text{g m}^{-3}$	0
<b>NO<sub>2</sub> STATISTICS</b>		
Period Mean ( $\mu\text{g m}^{-3}$ )	40	14
99.80%ile Hourly Value ( $\mu\text{g m}^{-3}$ )	200	79
<b>Number of Readings Greater than:</b>		
AQS hourly Threshold	$\leq 18 \text{ pa } > 200 \mu\text{g m}^{-3}$	0
<b>PERIOD DATA COVERAGE:</b>		
SO <sub>2</sub> 15-min		97.6
SO <sub>2</sub> 1-hour		99
NO <sub>2</sub> 1-hour		99.4

Concentrations are given in  $\mu\text{g m}^{-3}$  at 20°C and 1013 mb. To convert to ppb ( $\text{v}/10^9\text{v}$ ), divide the listed SO<sub>2</sub> concentrations by 2.66 and the NO<sub>2</sub> concentrations by 1.91.

Copies of the full hourly data sets from sites operated by RWE Generation have been provided to the Environment Agency or Natural Resources Wales in electronic format and can be obtained from the Public Register.

**N.B. Data are provisional and may be subject to revision once full quality assurance procedures have been completed.**

## Current Compliance Status, Risk Management Framework Category and Implications for Annual Compliance

Maximum number of exceedances to date		Risk Management Framework category	Maximum number of modelled exceedances for remainder of the year	Implications for annual compliance
Measured	Modelled			
0	0	Green	0	None

*Notes: The maximum number of exceedances listed in the appropriate columns may correspond to different locations and, therefore, the retrospective and future values are not directly additive.*

*Measured and future modelled exceedances are based on a  $266 \mu\text{g m}^{-3}$  (100 ppb) threshold but, in accordance with the procedures agreed with The Environment Agency/Natural Resources Wales, modelled retrospective exceedances include a 50% uncertainty margin and a threshold of  $400 \mu\text{g m}^{-3}$  (150 ppb) has been used.*