

SLR reference:	402.02718.00005	Odour monitoring conducted as outlined in BS EN:13725:2022
Project Manager:	RJ	
Monitoring Undertaken by:	RJ & OP	
DATE OF SAMPLING	21/01/2021	
SITE:	Crymlyn Burrows WTS	

Source 4	
AHP (hygiene) waste	
GEOMEAN ODOUR CONCENTRATION (ou <sub>e</sub> m <sup>-3</sup> )	119
DUCT TEMPERATURE (°C)	
ACTUAL DUCT VOLUME FLOW RATE (m <sup>3</sup> /s)	
STANDARD CONDITIONS VOLUME FLOW RATE (273K) (Nm <sup>3</sup> /s)	
STANDARDISED VOLUME FLOW RATE for Odour calc (293K) (Nm <sup>3</sup> /s)	
MEASURED AIRSTREAM RELATIVE HUMIDITY (%)	
LIQUID MONITORING ORP RESULT (mV)	
LIQUID MONITORING pH RESULT	
LIQUID MONITORING TEMPERATURE RESULT (°C)	
ODOUR EMISSION RATE FOR:	
DUCT SOURCE (ou <sub>e</sub> s <sup>-1</sup> )	
HOOD SOURCE (ou <sub>e</sub> m <sup>-2</sup> s <sup>-1</sup> )	1.1
SHEET AREA SOURCE (ou <sub>e</sub> m <sup>-2</sup> s <sup>-1</sup> )	
OUTWARD FLOW (BIOFILTER) (ou <sub>e</sub> m <sup>-2</sup> s <sup>-1</sup> )	
OUTWARD FLOW (BIOFILTER) (ou <sub>e</sub> s <sup>-1</sup> )	

SAMPLE I.D	AHP01	AHP02	AHP03			
FINAL ODOUR CONC. (ou <sub>e</sub> /m <sup>3</sup> )	145	115	102			

Odour monitoring undertaken by:



Monitoring commissioned by:

Neath Port Talbot County Borough Council

ADDITIONAL REMARKS:

Lindvall hood utilised - area source monitored.  
Sample AHP03: insufficient volume for valid analysis. The  
estimated concentration presented is based on 7 ITEs.