Reporting of Emission to Water (other than to Sewer) for the period of November 2023

Operator: CCR Energy Ltd **Form: Water1**

Location: Aberthaw Power Station

Permit/Variation Number: RP3133LD

Emission Point	Substance / Parameter	Emission Limit Value	Result [1]	Test Method [2]	Sample Date and Times [3]	Accreditation/ Certification [4]	Uncertainty [5]
W1	Total Suspended Solids		No Release		-	-	
	Ammoniacal nitrogen		No Release				
	Cadmium and its compounds, expressed as cadmium (Total Cd)		No Release				
	Total hydrocarbon oil		No Release				
	pH (minimum daily value)		No Release				
	pH (maximum daily value)		No Release				
	pH (average daily value)		No Release				
W2	Ammoniacal nitrogen		<0.2 mg/L		20/11/23 – 30/11/23 (P2 probe: 01/11/23 – 06/11/23,	Sampling WSP / Testing ALS	
	Differential temperature (rolling 98th percentile)		Temperature at ambient. No thermal process				
	Differential temperature (average daily value)						

	Differential temperature (maximum daily value)		remains operational		08/11/23 – 31/11/23) P2 probe used to supplement data from W2. Data for period of 06/11/23 16:09 – 08/11/23 16:09 omitted from pH calculations due to probe location cleaning during this period.		
	Total hydrocarbon oil		<0.01 mg/L				
	pH (minimum value)		7.45 (P2 result: 4.81)				
	pH (maximum 95th percentile)		8.09 (P2 result: 7.03)				
	pH (minimum 95th percentile)		7.53 (P2 result: 4.90)				
	pH (average value)		7.73 (P2 result: 6.18)				

Emission Point	Substance / Parameter	Emission Limit Value	Result [1]	Test Method [2]	Sample Date and Times [3]	Accreditation/ Certification [4]	Uncertainty [5]
SWTP1	Insufficient running				-	-	
SWTP2	Insufficient running						
SWTP3	Insufficient running						

[1] The result given is the maximum value (or the minimum value in the case of a limit that is expressed as a minimum) obtained during the reporting period, expressed in the same terms as the emission limit value. Where the emission limit value is expressed as a range, the result is given as the 'minimum – maximum' measured values.
[2] Where an internationally recognised standard test method is used the reference number is given. Where another method that has been formally agreed with the Agency is used, then the appropriate identifier is given. In other cases the principal technique is stated, e.g. colorimetry.
[3] For non-continuous measurements the date and time of the sample that produced the result is given. For continuous measurements, or flow/time proportional samples, the percentage of the process operating time covered by the monitoring is given.
[4] The accreditation status of the equipment and/or the monitoring organisation, as appropriate, for the methods used for both sampling and analysis.
[5] The uncertainty associated with the quoted result at the 95% confidence interval, unless otherwise stated.

Signed ……. Date……16/02/2024……..
(authorised to sign as representative of the Operator)