

Operator: AB Connectors Ltd

Permit Reference Number: BV7443IP

Installation: Abercynon Inorganics

Reporting of Emissions to Sewer for the period from July 2021 to September 2021

Form Number: S1

Emission Point	Substance or Parameter	Emission Limit Value	Result ¹	Test Method ²	Sample Date and Times ³	Accreditation/Certification ⁴	Uncertainty ⁵
T13	Cadmium	10 µg/l	NOT	USEB			
T1	Maximum pH	3.0	1.98	CONTINUOUS MONITORING	23/8/2021		
T1	Redox Potential	300 mV	178	CONTINUOUS MONITORING	8/9/2021		
T2	Minimum pH	10.5	10.95	CONTINUOUS MONITORING	23/8/2021		
T2	Redox Potential	300 mV	343	CONTINUOUS MONITORING	28/7/2021		
T5	Minimum pH	9	9.28	CONTINUOUS MONITORING	02/8/2021		
T5	Maximum pH	11	9.76	CONTINUOUS MONITORING	13/7/2021		
S1	Flow	-					
S1	Cadmium	0.05 mg/l	0.005	NITRIC ACID DIGEST ICP	12/7/2021		
S1	Cadmium	150 g/year	2.949				
S1	Chromium (VI)	0.1 mg/l	0.094	COLORIMETRY	29/7/2021		
S1	Chromium	2 mg/l	0.30	NITRIC ACID DIGEST ICP	12/7/2021		
S1	Copper	2 mg/l	1.40	NITRIC ACID DIGEST ICP	27/9/2021		
S1	Nickel	2 mg/l	0.44	A.A.S.	13/7/2021		
S1	Zinc	2 mg/l	0.29	A.A.S.	04/8/2021		
S1	Free cyanide	1.0 mg/l	0.261	COLORIMETRY	05/8/2021		

¹ The result given is the maximum value (or 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.

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
(Authorised to sign as representative of the Operator)

Date: 27/1/2022