

Operator: **AB Connectors Ltd**
 Installation: **Abercynon Inorganics**

Permit Reference Number: **BV7443IP**

Reporting of Emissions to Sewer for the period from **July 2020** to **September 2020** 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	—	DISCUARD POINT NO LONGER MONITORING	14/8/2020	USED DISCARD SITE	
T1	Maximum pH	3.0	1.97	CONTINUOUS MONITORING	6/8/2020		
T1	Redox Potential	300 mV	236	CONTINUOUS MONITORING	6/8/2020		
T2	Minimum pH	10.5	10.90	CONTINUOUS MONITORING	27/7/2020		
T2	Redox Potential	300 mV	325	CONTINUOUS MONITORING	23/9/2020		
T5	Minimum pH	9	9.40	CONTINUOUS MONITORING	15/9/2020		
T5	Maximum pH	11	9.85	CONTINUOUS MONITORING	27/7/2020		
S1	Flow	-					
S1	Cadmium	0.05 mg/l	0.005	AAS	11/08/2020		
S1	Cadmium	150 g/year	2.835				
S1	Chromium (VI)	0.1 mg/l	0.094	COLOURIMETRY NITRIC ACID DICTEST	17/9/2020		
S1	Chromium	2 mg/l	0.10	ICP	18/9/2020		
S1	Copper	2 mg/l	1.0	AAS	11/8/2020		
S1	Nickel	2 mg/l	0.51	AAS	8/7/2020		
S1	Zinc	2 mg/l	0.21	AAS	11/8/2020		
S1	Free cyanide	1.0 mg/l	0.86	COLOURIMETRY			

- 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: **15/01/2021**