

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

Permit Reference Number: **BV7443IP**

Reporting of Emissions to Sewer for the period from **01 October 2021** to **31 December 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	USED			
T1	Maximum pH	3.0	1.90	CONTINUOUS MONITORING	18/10/2021		
T1	Redox Potential	300 mV	229	CONTINUOUS MONITORING	18/10/2021		
T2	Minimum pH	10.5	10.57	CONTINUOUS MONITORING	25/10/2021		
T2	Redox Potential	300 mV	313	CONTINUOUS MONITORING	11/11/2021		
T5	Minimum pH	9	9.22	CONTINUOUS MONITORING	16/11/2021		
T5	Maximum pH	11	10.63	CONTINUOUS MONITORING	23/11/2021		
S1	Flow	-					
S1	Cadmium	0.05 mg/l	0.005	NITRIC ACID DIGESTION	28/10/2021		
S1	Cadmium	150 g/year	1.87g				
S1	Chromium (VI)	0.1 mg/l	0.090	COLORIMETRY	7/12/2021		
S1	Chromium	2 mg/l	0.20	NITRIC ACID DIGESTION	12/11/2021		
S1	Copper	2 mg/l	1.82	A.A.S	27/10/2021		
S1	Nickel	2 mg/l	0.40	NITRIC ACID DIGESTION	12/11/2021		
S1	Zinc	2 mg/l	0.28	A.A.S	16/11/2021		
S1	Free cyanide	1.0 mg/l	0.369	COLORIMETRY	15/12/2021		

- 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.
- 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.
- 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.
- The accreditation status of the equipment and/or the monitoring organisation, as appropriate, for the methods used for both sampling and analysis.
- 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: **27/11/2022**