

Annex F6

## Effluent Quality Monitoring Results

**Table F6.1 Effluent Monitoring Results**

		2 Feb 23
<b>On-site Measurements</b>		
Temperature	°C	22.0
pH Value	pH Unit	8.3
Volume Discharged	m <sup>3</sup>	1,000
<b>Laboratory Analysis</b>		
Suspended Solids (SS)	mg/L	27.2
Alkalinity	mg/L	2080
Ammoniacal-nitrogen	mg/L	0.08
Chloride	mg/L	2200
Nitrite-nitrogen	mg/L	0.37
Phosphate	mg/L	8.68
Sulphate	mg/L	147
Total Nitrogen	mg/L	144.0
Nitrate-nitrogen	mg/L	54.3
Total Inorganic Nitrogen	mg/L	54.75
Biochemical Oxygen Demand (BOD)	mg/L	17
Chemical Oxygen Demand (COD)	mg/L	938
Oil & Grease	mg/L	<5
Total Organic Carbon (TOC)	mg/L	667
Boron	µg/L	5390
Calcium	mg/L	20.9
Iron	mg/L	2.35
Magnesium	mg/L	25.2
Potassium	mg/L	910
Cadmium	µg/L	<1.0
Chromium	µg/L	218
Copper	µg/L	12
Nickel	µg/L	146
Zinc	µg/L	126