



ANNEX F4

EFFLUENT QUALITY MONITORING  
RESULTS

**TABLE F4.1 EFFLUENT MONITORING RESULTS**

Date		9 Jan 25	6 Feb 25	6 Mar 25
<b>On-site Measurements</b>				
Temperature	°C	26.5	22.5	19.9
pH Value	pH Unit	8.3	8.4	8.5
Volume Discharged	m <sup>3</sup>	1,003	1,071	733
<b>Laboratory Analysis</b>				
Suspended Solids (SS)	mg/L	20.5	59.4	19.5
Alkalinity	mg/L	2390	1830	2040
Ammoniacal-nitrogen	mg/L	0.79	0.02	0.26
Chloride	mg/L	2290	2020	1860
Nitrite-nitrogen	mg/L	<0.10	<0.10	<0.10
Phosphate	mg/L	5.65	4.83	3.73
Sulphate	mg/L	178	206	147
Total Nitrogen	mg/L	110	86.4	67.7
Nitrate-nitrogen	mg/L	54.2	43.3	22.2
Total Inorganic Nitrogen	mg/L	54.99	43.32	22.46
Biochemical Oxygen Demand (BOD)	mg/L	12	10	10
Chemical Oxygen Demand (COD)	mg/L	916	812	958
Oil & Grease	mg/L	<5	<5	<5
Total Organic Carbon (TOC)	mg/L	365	290	281
Boron	µg/L	6540	5380	5410
Calcium	mg/L	40.6	41.3	46.8
Iron	mg/L	2.05	1.33	1.49
Magnesium	mg/L	36.4	44.2	37.9
Potassium	mg/L	862	722	705
Cadmium	µg/L	<1.0	<1.0	<1.0
Chromium	µg/L	144	103	95
Copper	µg/L	<10	<10	<10
Nickel	µg/L	129	97	102
Zinc	µg/L	28	53	34