



ANNEX F4

EFFLUENT QUALITY MONITORING  
RESULTS

**TABLE F4.1 EFFLUENT MONITORING RESULTS**

Date		11 Jul 24	15 Aug 24	4 Sep 24
<b>On-site Measurements</b>				
Temperature	°C	36.1	29.7	35.3
pH Value	pH Unit	8.4	8.5	8.3
Volume Discharged	m <sup>3</sup>	262	1,293	1,041
<b>Laboratory Analysis</b>				
Suspended Solids (SS)	mg/L	15.9	26.5	20.7
Alkalinity	mg/L	2170	2000	2060
Ammoniacal-nitrogen	mg/L	0.2	0.24	1.28
Chloride	mg/L	1880	1830	2090
Nitrite-nitrogen	mg/L	0.86	0.5	0.13
Phosphate	mg/L	5.86	7.2	4.75
Sulphate	mg/L	132	164	216
Total Nitrogen	mg/L	88	80.3	84.7
Nitrate-nitrogen	mg/L	27.7	35.8	40.5
Total Inorganic Nitrogen	mg/L	28.76	36.54	41.91
Biochemical Oxygen Demand (BOD)	mg/L	7	7	8
Chemical Oxygen Demand (COD)	mg/L	972	872	693
Oil & Grease	mg/L	<5	<5	<5
Total Organic Carbon (TOC)	mg/L	284	330	266
Boron	µg/L	5200	5120	5620
Calcium	mg/L	29.7	24.2	38.1
Iron	mg/L	2.06	1.33	1.6
Magnesium	mg/L	35.2	29.9	40.4
Potassium	mg/L	886	641	806
Cadmium	µg/L	<1.0	<1.0	<1.0
Chromium	µg/L	127	97	113
Copper	µg/L	18	<10	<10
Nickel	µg/L	177	117	110
Zinc	µg/L	50	62	54