



ANNEX F4

EFFLUENT QUALITY MONITORING
RESULTS

TABLE F4.1 EFFLUENT MONITORING RESULTS

Date		11 Apr 24	9 May 24	13 Jun 24
On-site Measurements				
Temperature	°C	33.1	34.3	31.6
pH Value	pH Unit	8.4	8.3	8.2
Volume Discharged	m ³	934	1,365	358
Laboratory Analysis				
Suspended Solids (SS)	mg/L	36.8	23	56.8
Alkalinity	mg/L	2400	1120	2070
Ammoniacal-nitrogen	mg/L	<0.01	0.25	23.4
Chloride	mg/L	2130	1520	1680
Nitrite-nitrogen	mg/L	0.27	0.11	0.87
Phosphate	mg/L	7.8	5.22	7.03
Sulphate	mg/L	169	224	135
Total Nitrogen	mg/L	99.5	74.6	105
Nitrate-nitrogen	mg/L	36.4	35.7	28.9
Total Inorganic Nitrogen	mg/L	36.67	36.06	53.17
Biochemical Oxygen Demand (BOD)	mg/L	10	10	32
Chemical Oxygen Demand (COD)	mg/L	1130	791	942
Oil & Grease	mg/L	<5	<5	<5
Total Organic Carbon (TOC)	mg/L	276	251	297
Boron	µg/L	5960	3820	4960
Calcium	mg/L	18.2	17.7	23.5
Iron	mg/L	2.44	1.26	2.06
Magnesium	mg/L	35.2	27.4	30.2
Potassium	mg/L	778	592	748
Cadmium	µg/L	<1.0	<1.0	<1.0
Chromium	µg/L	140	85	109
Copper	µg/L	<10	<10	<10
Nickel	µg/L	129	85	110
Zinc	µg/L	48	63	79