



ANNEX F2

SURFACE WATER QUALITY MONITORING
RESULTS

TABLE F2.2 SURFACE WATER QUALITY MONITORING RESULTS AT DP4

Date	Time	Weather Condition	Water Appearance	Water Condition	Water Temperature (°C)	Ammoniacal-nitrogen (mg/L)	COD	Suspended Solids (SS) (mg/L)	Remarks
11 Sep 2024	10:47	Sunny	Unable to collect water sample due to insufficient flow						
					Average	-	-	-	-
					Min	-	-	-	-
					Max	-	-	-	-

TABLE F2.3 SURFACE WATER QUALITY MONITORING RESULTS AT DP6

Date	Time	Weather Condition	Water Appearance	Water Condition	Water Temperature (°C)	Ammoniacal-nitrogen (mg/L)	COD	Suspended Solids (SS) (mg/L)	Remarks
11 Sep 2024	10:54	Sunny	Unable to collect water sample due to insufficient flow						
					Average	-	-	-	-
					Min	-	-	-	-
					Max	-	-	-	-

TABLE F2.4 SURFACE WATER QUALITY MONITORING RESULTS

Date			11 Sep 24	11 Sep 24
		Limit Level (DP4 & DP6)	DP3	DP3 (Duplicate)
pH Value	pH Unit	6 - 9	8.3	8.3
Electrical Conductivity	µS/cm	-	913	911
Dissolved Oxygen	mg/L	-	7.2	7.6
Volume Discharge	m ³	-	104	104
Bicarbonate	mg/L	-	236	235
Carbonate	mg/L	-	<1	<1
Suspended Solids (SS)	mg/L	30	3.1	3.9
Ammonia-nitrogen	mg/L	0.5	0.07	0.11
Chloride	mg/L	-	68	66
Nitrite-nitrogen	mg/L	-	0.01	0.02
Phosphate	mg/L	5	<0.01	<0.01
Sulphate	mg/L	-	143	140
Sulphide	mg/L	2.5	<0.1	<0.1
Total Kjeldahl Nitrogen (TKN)	mg/L	-	0.3	0.4
Nitrate-nitrogen	mg/L	-	0.44	0.43
Total Nitrogen (TN)	mg/L	50	0.8	0.8
Biochemical Oxygen Demand	mg/L	20	<2	<2

Chemical Oxygen Demand	mg/L	80	9	8
Oil & Grease	mg/L	20	<5	<5
Total Organic Carbon	mg/L	-	5	4
Boron	µg/L	1100	280	290
Calcium	mg/L	-	97.7	99.3
Mercury	µg/L	1	<0.20	<0.20
Magnesium	mg/L	-	12.1	11.9
Sodium	mg/L	-	63.7	64.6
Iron	mg/L	3	<0.04	<0.04
Potassium	mg/L	-	14.4	14.4
Cadmium	µg/L	1	<0.2	<0.2
Chromium	µg/L	300	<1	<1
Copper	µg/L	300	1	1
Lead	µg/L	300	<1	<1
Manganese	µg/L	-	15	15
Nickel	µg/L	300	<1	<1
Zinc	µg/L	-	<10	<10