

Annex F2

Surface Water Quality Monitoring Results

Table F2.1 Surface Water Quality Monitoring Results at DP3

Date	Time	Weather Condition	Water Appearance	Water Condition	Water Temperature (°C)	Dissolved Oxygen (DO) (mg/L)	pH	Suspended Solids (SS) (mg/L)	Remarks
2 May 2019	14:04	Cloudy							Unable to collect water sample due to insufficient flow
8 May 2019	14:16	Rainy	Light yellow	Semi-clear	21.2	8.74	8.41	30.8	-
8 May 2019	14:25	Rainy	Light yellow	Semi-clear	21.3	8.76	8.33	32.9	DP3 (Duplicate)
16 May 2019	14:17	Sunny							Unable to collect water sample due to insufficient flow
23 May 2019	14:39	Rainy	Brown	Turbid	24.3	8.59	9.96	858.0	-
23 May 2019	14:39	Rainy	Brown	Turbid	24.3	8.54	9.98	-	DP3 (Remeasurement)
23 May 2019	15:02	Rainy	Brown	Turbid	24.4	8.52	9.78	838.0	DP3 (Duplicate)
23 May 2019	15:02	Rainy	Brown	Turbid	24.4	8.52	9.79	-	DP3 (Duplicate) (Remeasurement)
30 May 2019	14:42	Overcast	Light yellow	Semi-clear	24.5	8.32	8.39	44.5	
30 May 2019	14:57	Overcast	Light yellow	Semi-clear	24.7	8.29	8.24	44.2	DP3 (Duplicate)
Average						8.70	8.90	307.2	-
Min						8.59	8.33	30.8	-
Max						8.76	9.96	858.0	-

Table F2.2 Surface Water Quality Monitoring Results at DP4/ DP4 (Future, temporary)

Date	Time	Weather Condition	Water Appearance	Water Condition	Water Temperature (°C)	Dissolved Oxygen (DO) (mg/L)	pH	Suspended Solids (SS) (mg/L)	Remarks
2 May 2019	14:08	Cloudy							Unable to collect water sample due to insufficient flow
8 May 2019	14:51	Rainy	Light yellow	Semi-clear	21.5	8.84	8.33	1.2	-
16 May 2019	14:30	Sunny							Unable to collect water sample due to insufficient flow
23 May 2019	15:55	Rainy	Yellow	Turbid	24.9	7.48	10.92	191.0	-
23 May 2019	15:55	Rainy	Yellow	Turbid	24.9	7.42	10.80	-	DP4 (Future, temporary) (Remeasurement)
30 May 2019	15:48	Overcast	Light yellow	Semi-clear	26.1	7.59	8.84	32.2	-
30 May 2019	15:48	Overcast	Light yellow	Semi-clear	26.1	7.60	8.90	-	DP4 (Future, temporary) (Remeasurement)
Average						7.79	9.56	74.8	-
Min						7.42	8.33	1.2	-
Max						8.84	10.92	191.0	-

Notes: DP4 was temporary relocated to DP4 (Future, temporary) as an interim discharge point from the monitoring event on 16 May 2019.

Table F2.3 Surface Water Quality Monitoring Results at DP6

Date	Time	Weather Condition	Water Appearance	Water Condition	Water Temperature (°C)	Dissolved Oxygen (DO) (mg/L)	pH	Suspended Solids (SS) (mg/L)	Remarks
2-May-19	14:16	Cloudy				Unable to collect water sample due to insufficient flow			
8-May-19	15:20	Rainy	Light yellow	Semi-clear	20.4	8.90	9.24	70.8	-
8-May-19	15:20	Rainy	Light yellow	Semi-clear	20.4	8.80	9.29	-	DP6 (Remeasurement)
16-May-19	14:23	Sunny				Unable to collect water sample due to insufficient flow			
23-May-19	15:33	Rainy	Brown	Turbid	24.7	8.21	9.65	696.0	-
23-May-19	15:33	Rainy	Brown	Turbid	24.7	8.18	9.60	-	DP6 (Remeasurement)
30-May-19	14:23	Sunny	Light yellow	Semi-clear	25.4	7.89	8.68	244	-
30-May-19	15:19	Overcast	Light yellow	Semi-clear	25.3	7.85	8.71	-	DP6 (Remeasurement)
Average						8.31	9.20	336.9	-
Min						7.85	8.68	70.8	-
Max						8.90	9.65	696.0	-

Figure F2.1 Graphical Presentation for Surface Water Quality Monitoring (DO)

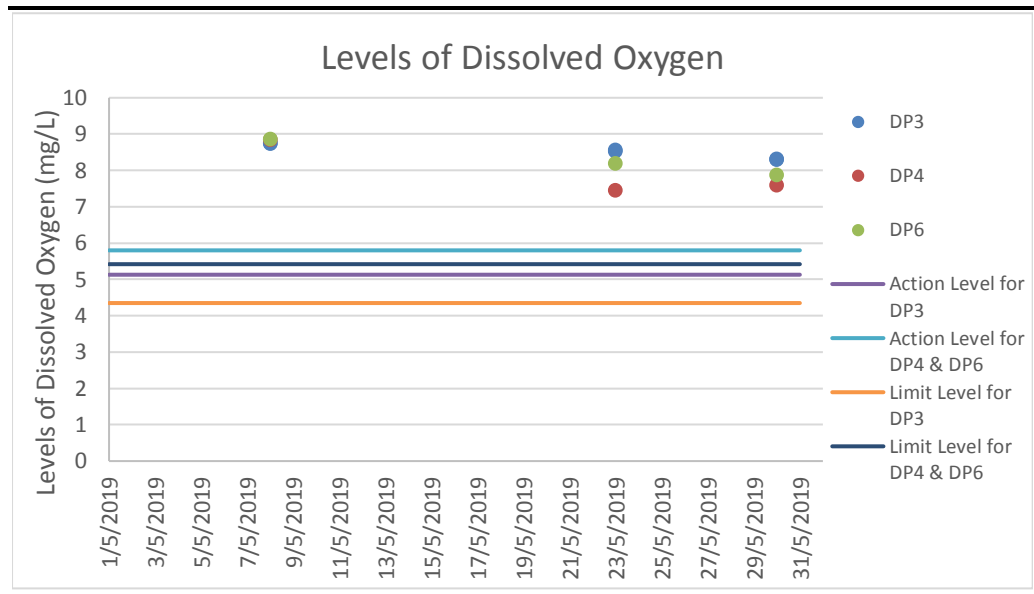


Figure F2.2 Graphical Presentation for Surface Water Quality Monitoring (pH)

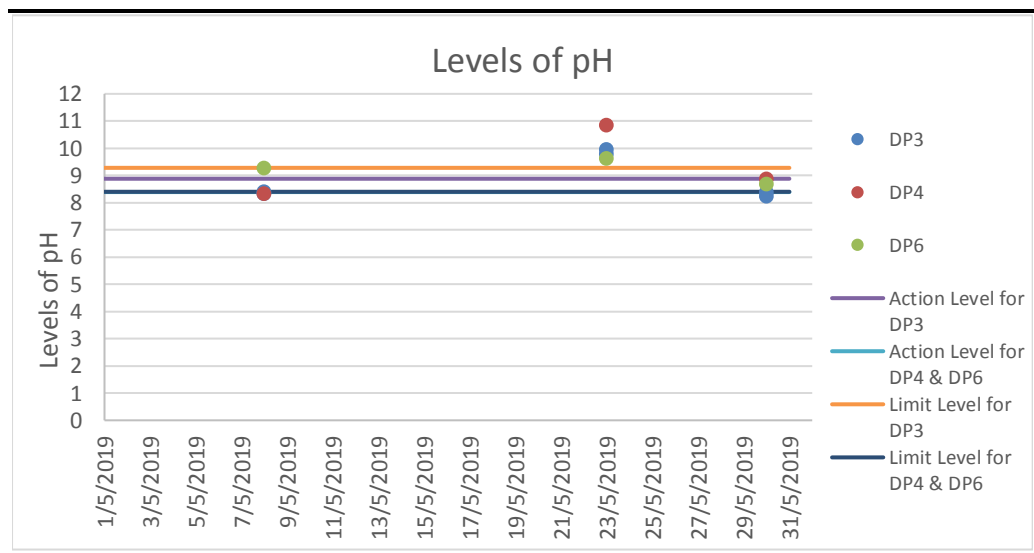


Figure F2.3 Graphical Presentation for Surface Water Quality Monitoring (SS)

