

Annex F1

Surface Water Quality Monitoring Results

Table F1.1 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
4 Apr 19	14:11	Sunny							Unable to collect water sample due to insufficient flow
10 Apr 19	14:02	Sunny							Unable to collect water sample due to insufficient flow
18 Apr 19	14:12	Sunny							Unable to collect water sample due to insufficient flow
24 Apr 19	14:29	Sunny							Unable to collect water sample due to insufficient flow
2 May 19	14:04	Cloudy							Unable to collect water sample due to insufficient flow
8 May 19	14:16	Rainy	Light yellow	Semi-clear	21.2	8.74	8.41	30.8	-
8 May 19	14:25	Rainy	Light yellow	Semi-clear	21.3	8.76	8.33	32.9	DP3 (Duplicate)
16 May 19	14:17	Sunny							Unable to collect water sample due to insufficient flow
23 May 19	14:39	Rainy	Brown	Turbid	24.3	8.59	9.96	858.0	-
23 May 19	14:39	Rainy	Brown	Turbid	24.3	8.54	9.98	-	DP3 (Remeasurement)
23 May 19	15:02	Rainy	Brown	Turbid	24.4	8.52	9.78	838.0	DP3 (Duplicate)
23 May 19	15:02	Rainy	Brown	Turbid	24.4	8.52	9.79	-	DP3 (Duplicate) (Remeasurement)
30 May 19	14:42	Overcast	Light yellow	Semi-clear	24.5	8.32	8.39	44.5	-
30 May 19	14:57	Overcast	Light yellow	Semi-clear	24.7	8.29	8.24	44.2	DP3 (Duplicate)
6 Jun 19	14:48	Sunny	Light yellow	Semi-clear	29.0	7.85	7.30	13.8	-
6 Jun 19	15:01	Sunny	Light yellow	Semi-clear	29.1	7.81	6.50	13.9	DP3 (Duplicate)
14 Jun 19	14:37	Sunny	Light yellow	Clear	29.6	7.38	8.22	6.7	-
14 Jun 19	14:47	Sunny	Light yellow	Clear	30.1	6.79	8.29	7.4	DP3 (Duplicate)
20 Jun 19	14:38	Sunny	Light yellow	Semi-clear	29.6	6.42	8.35	76.0	-
20 Jun 19	14:47	Sunny	Light yellow	Semi-clear	29.8	6.81	8.38	74.1	DP3 (Duplicate)
27 Jun 19	14:29	Sunny	Light yellow	Clear	29.5	6.96	8.00	8.9	-
27 Jun 19	14:38	Sunny	Light yellow	Clear	29.6	6.89	8.00	8.7	DP3 (Duplicate)
					Average	7.82	8.50	147.0	-
					Min	6.42	6.50	6.7	-
					Max	8.76	9.98	858.0	-

Table F1.2 Surface Water Quality Monitoring Results at DP4

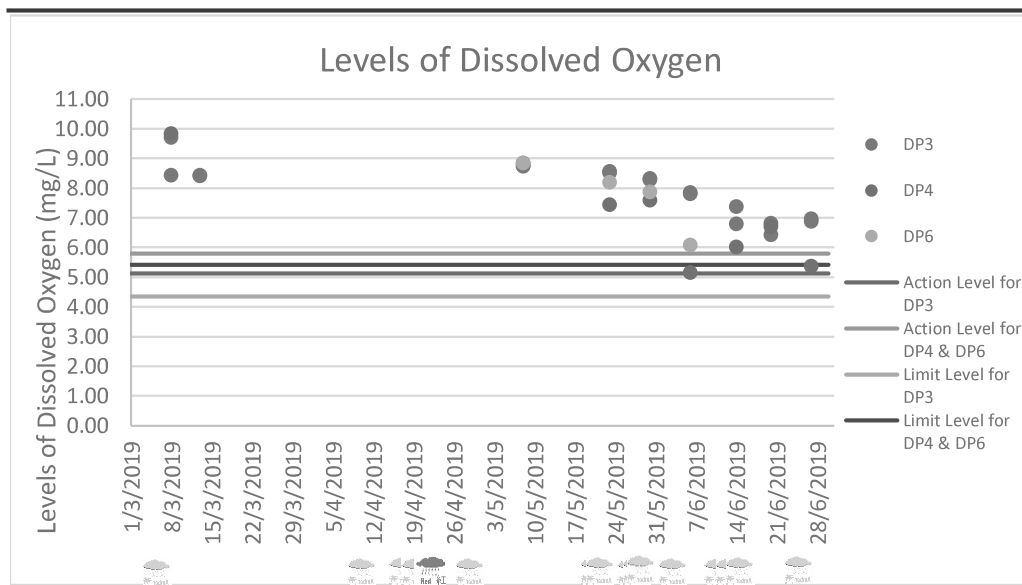
Date	Time	Weather Condition	Water Appearance	Water Condition	Water Temperature (°C)	Dissolved Oxygen (DO) (mg/L)	pH	Suspended Solids (SS) (mg/L)	Remarks
4 Apr 19	14:13	Sunny							Unable to collect water sample due to insufficient flow
10 Apr 19	14:05	Sunny							Unable to collect water sample due to insufficient flow
18 Apr 19	14:15	Sunny							Unable to collect water sample due to insufficient flow
24 Apr 19	14:33	Sunny							Unable to collect water sample due to insufficient flow
2 May 19	14:08	Cloudy							Unable to collect water sample due to insufficient flow
8 May 19	14:51	Rainy	Light yellow	Semi-clear	21.5	8.84	8.33	1.2	
16 May 19	14:30	Sunny							Unable to collect water sample due to insufficient flow
23 May 19	15:55	Rainy	Yellow	Turbid	24.9	7.48	10.92	191.0	
23 May 19	15:55	Rainy	Yellow	Turbid	24.9	7.42	10.80	-	DP4 (Future, temporary) (Remeasurement)
30 May 19	15:48	Overcast	Light yellow	Semi-clear	26.1	7.59	8.84	32.2	
30 May 19	15:48	Overcast	Light yellow	Semi-clear	26.1	7.60	8.90	-	DP4 (Future, temporary) (Remeasurement)
6 Jun 19	15:39	Sunny	Light yellow	Turbid	33.0	5.19	6.90	125.0	
6 Jun 19	15:39	Sunny	Light yellow	Turbid	33.1	5.12	6.90	-	DP4 (Future, temporary) (Remeasurement)
14 Jun 19	15:26	Sunny	Yellow	Turbid	31.7	6.02	8.38	62.2	
20 Jun 19	15:15	Sunny	Light green	Semi-clear	32.0	6.71	9.37	19.6	
20 Jun 19	15:15	Sunny	Light green	Semi-clear	32.0	6.70	9.37	-	DP4 (Future, temporary) (Remeasurement)
27 Jun 19	15:14	Sunny	Light green	Semi-clear	33.7	5.28	8.75	29.2	
27 Jun 19	15:14	Sunny	Light green	Semi-clear	33.6	5.45	8.75	-	DP4 (Future, temporary) (Remeasurement)
					Average	6.62	8.85	65.8	-
					Min	5.12	6.90	1.2	-
					Max	8.84	10.92	191.0	-

Notes: DP4 was temporary relocated to DP4 (Future, temporary) (i.e. DP4T) as an interim discharge point from the monitoring event on 16 May 2019.

Table F1.3 Surface Water Quality Monitoring Results at DP6

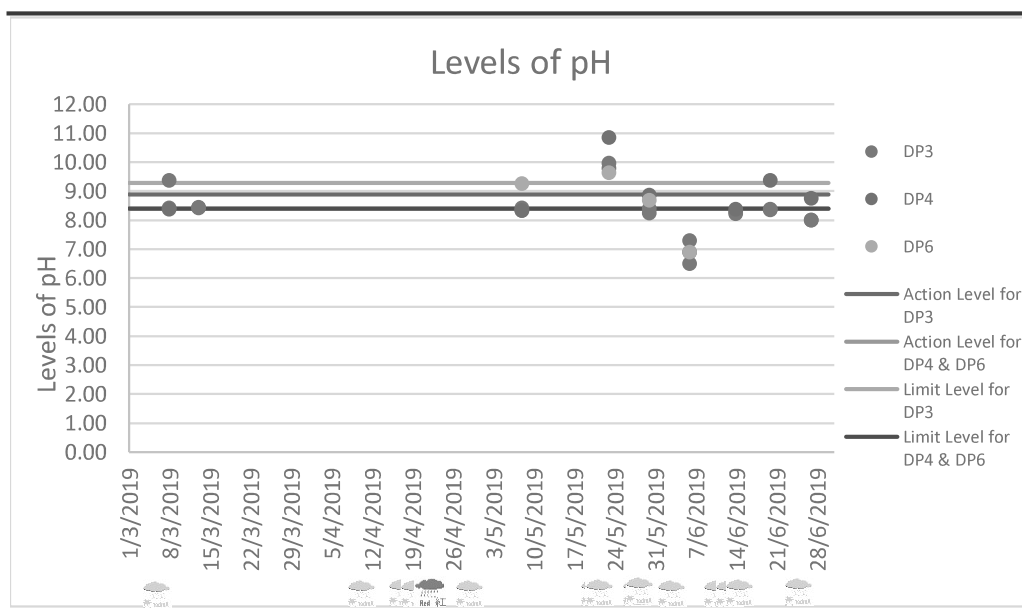
Date	Time	Weather Condition	Water Appearance	Water Condition	Water Temperature (°C)	Dissolved Oxygen (DO) (mg/L)	pH	Suspended Solids (SS) (mg/L)	Remarks
4 Apr 19	14:19	Sunny							Unable to collect water sample due to insufficient flow
10 Apr 19	14:12	Sunny							Unable to collect water sample due to insufficient flow
18 Apr 19	14:22	Sunny							Unable to collect water sample due to insufficient flow
24 Apr 19	14:39	Sunny							Unable to collect water sample due to insufficient flow
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	15:19	Overcast	Light yellow	Semi-clear	25.4	7.89	8.68	244.0	-
30 May 19	15:19	Overcast	Light yellow	Semi-clear	25.3	7.85	8.71	-	DP6 (Remeasurement)
6 Jun 19	15:19	Sunny	Light yellow	Turbid	32.5	6.09	6.90	473.0	-
14 Jun 19	15:07	Sunny							Water sample was not collected due to negative flow
20 Jun 19	15:03	Sunny							Unable to collect water sample due to insufficient flow
27 Jun 19	14:55	Sunny							Unable to collect water sample due to insufficient flow
					Average	7.99	8.87	371.0	-
					Min	6.09	6.90	70.8	-
					Max	8.90	9.65	696.0	-

Figure F1.1 Graphical Presentation for Surface Water Quality Monitoring (DO)



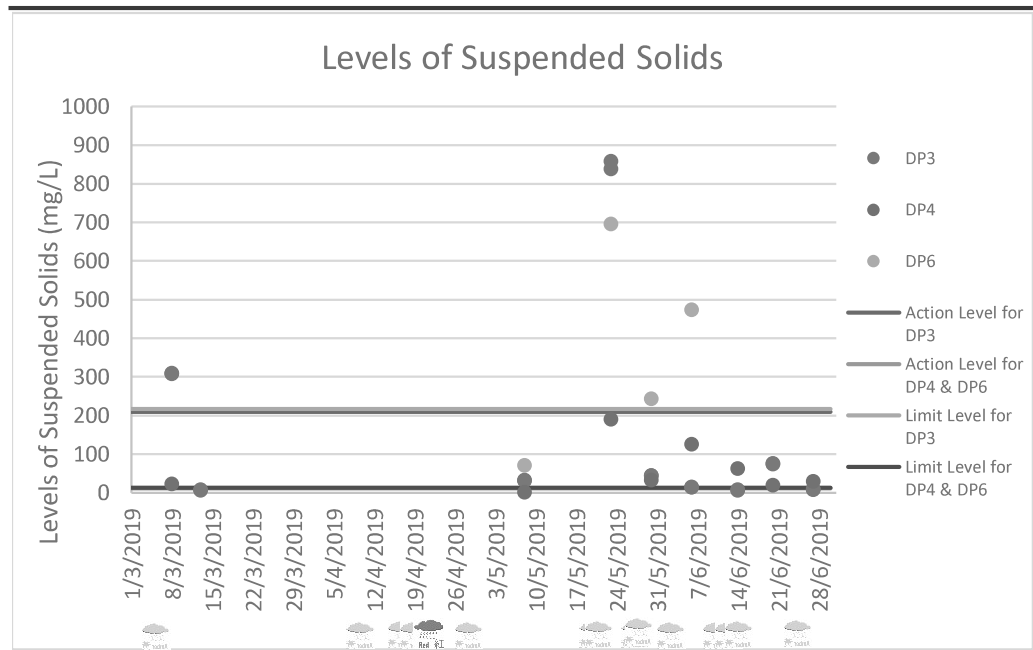
Note: Amber rainstorm warning signal was issued by the Hong Kong Observatory on 6 March, 11 April, 18 April, 19 April, 20 April, 27 April, 20 May, 21 May, 26 May, 27 May, 28 May, 1 June, 4 June, 11 June, 13 June, 14 June and 25 June 2019. Red rainstorm warning signal was issued by the Hong Kong Observatory on 20 April 2019.

Figure F1.2 Graphical Presentation for Surface Water Quality Monitoring (pH)



Note: Amber rainstorm warning signal was issued by the Hong Kong Observatory on 6 March, 11 April, 18 April, 19 April, 20 April, 27 April, 20 May, 21 May, 26 May, 27 May, 28 May, 1 June, 4 June, 11 June, 13 June, 14 June and 25 June 2019. Red rainstorm warning signal was issued by the Hong Kong Observatory on 20 April 2019.

Figure F1.3 Graphical Presentation for Surface Water Quality Monitoring (SS)



Note: Amber rainstorm warning signal was issued by the Hong Kong Observatory on 6 March, 11 April, 18 April, 19 April, 20 April, 27 April, 20 May, 21 May, 26 May, 27 May, 28 May, 1 June, 4 June, 11 June, 13 June, 14 June and 25 June 2019. Red rainstorm warning signal was issued by the Hong Kong Observatory on 20 April 2019.