

**Table F1.1 Surface Water Quality Monitoring Results at DP4T**

Date	Time	Weather Condition	Water Appearance	Water Condition	Water Temperature (°C)	Dissolved Oxygen (DO) (mg/L)	pH	Suspended Solids (SS) (mg/L)	Remarks
3 Jan 20	14:18	Sunny		Unable to collect water sample due to insufficient flow					-
9 Jan 20	14:12	Sunny		Unable to collect water sample due to insufficient flow					-
16 Jan 20	14:18	Sunny		Unable to collect water sample due to insufficient flow					-
23 Jan 20	14:43	Sunny		Unable to collect water sample due to insufficient flow					-
30 Jan 20	13:49	Sunny		Unable to collect water sample due to insufficient flow					-
6 Feb 20	14:13	Sunny		Unable to collect water sample due to insufficient flow					-
12 Feb 20	14:23	Sunny		Unable to collect water sample due to insufficient flow					-
20 Feb 20	14:06	Sunny	Colourless	Semi-clear	17.7	9.83	7.91	18.6	-
20 Feb 20	14:17	Sunny	Colourless	Semi-clear	17.9	9.80	7.60	20.7	DP4 (Future, temporary) (Duplicate)
27 Feb 20	14:22	Sunny		Unable to collect water sample due to insufficient flow					-
5 Mar 20	14:24	Sunny		Unable to collect water sample due to insufficient flow					-
12 Mar 20	14:22	Cloudy		Unable to collect water sample due to insufficient flow					-
18 Mar 20	15:27	Rainy		Unable to collect water sample due to insufficient flow					-
26 Mar 20	14:32	Sunny		Unable to collect water sample due to insufficient flow					-
2 Apr 20	14:41	Cloudy	Light yellow	Clear	19.3	9.17	8.36	9.8	-
2 Apr 20	14:51	Cloudy	Light yellow	Clear	19.3	9.21	8.06	10.8	DP4 (Future, temporary) (Duplicate)
9 Apr 20	15:09	Sunny	Light yellow	Semi-clear	23.4	8.36	8.38	8.9	-
16 Apr 20	14:32	Sunny	Colourless	Clear	25.4	8.40	7.51	5.8	-
16 Apr 20	14:41	Sunny	Colourless	Clear	25.6	8.40	7.43	6.6	DP4 (Future, temporary) (Duplicate)
24 Apr 20	13:54	Cloudy	Colourless	Clear	20.2	8.67	8.05	7.7	-
24 Apr 20	14:04	Cloudy	Colourless	Clear	20.2	8.56	7.95	8.2	DP4 (Future, temporary) (Duplicate)
29 Apr 20	14:24	Sunny		Unable to collect water sample due to insufficient flow					-
7 May 20	14:24	Sunny		Unable to collect water sample due to insufficient flow					-
14 May 20	14:18	Sunny		Unable to collect water sample due to insufficient flow					-
20 May 20	14:24	Cloudy		Unable to collect water sample due to insufficient flow					-
28 May 20	15:13	Rainy	Light yellow	Semi-clear	27.6	7.81	7.78	42.2	-
4 Jun 20	14:35	Sunny	Light yellow	Semi clear	30.3	7.96	8.53	8.2	-
4 Jun 20	14:35	Sunny	Light yellow	Semi clear	30.1	7.99	8.49	-	DP4 (Future, temporary) (Remeasurement)

Date	Time	Weather Condition	Water Appearance	Water Condition	Water Temperature (°C)	Dissolved Oxygen (DO) (mg/L)	pH	Suspended Solids (SS) (mg/L)	Remarks
4 Jun 20	14:46	Sunny	Light yellow	Semi clear	30.4	8.05	8.45	8.4	DP4 (Future, temporary) (Duplicate)
4 Jun 20	14:46	Sunny	Light yellow	Semi clear	30.4	8.08	8.45	-	DP4 (Future, temporary) (Duplicate) (Remeasurement)
11 Jun 20	15:12	Sunny		Unable to collect water sample due to insufficient flow					-
17 Jun 20	14:26	Sunny	Colourless	Clear	30.3	7.41	8.04	10.6	-
17 Jun 20	14:35	Sunny	Colourless	Clear	30.2	7.42	7.62	10.2	DP4 (Future, temporary) (Duplicate)
24 Jun 20	14:19	Sunny		Unable to collect water sample due to insufficient flow					-
3 Jul 20	15:06	Cloudy	Light yellow	Semi clear	32.4	7.54	6.35	18.6	-
9 Jul 20	14:28	Sunny		Unable to collect water sample due to insufficient flow					-
15 Jul 20	14:46	Sunny	Light yellow	Semi clear	31.8	6.82	7.99	28.2	-
15 Jul 20	15:03	Sunny	Light yellow	Semi clear	32	6.83	7.85	27.8	DP4 (Future, temporary) (Duplicate)
23 Jul 20	14:24	Sunny		Unable to collect water sample due to insufficient flow					-
30 Jul 20	14:26	Sunny		Unable to collect water sample due to insufficient flow					-
6 Aug 20	16:14	Sunny	Light yellow	Semi clear	29.3	7.68	7.40	66.1	-
13 Aug 20	14:56	Sunny		Unable to collect water sample due to insufficient flow					-
19 Aug 20	14:39	Rainy		Monitoring was cancelled due to adverse weather					-
27 Aug 20	15:44	Rainy		Unable to collect water sample due to insufficient flow					-
3 Sep 20	NA	Pouring		Monitoring was cancelled due to adverse weather					-
10 Sep 20	15:19	Sunny		Unable to collect water sample due to insufficient flow					-
17 Sep 20	14:48	Sunny		Unable to collect water sample due to insufficient flow					-
23 Sep 20	14:16	Sunny		Unable to collect water sample due to insufficient flow					-
30 Sep 20	14:17	Sunny		Unable to collect water sample due to insufficient flow					-
7 Oct 20	14:29	Sunny		Unable to collect water sample due to insufficient flow					-
15 Oct 20	14:40	Sunny		Unable to collect water sample due to insufficient flow					-
21 Oct 20	13:45	Sunny		Unable to collect water sample due to insufficient flow					-
29 Oct 20	14:06	Cloudy		Unable to collect water sample due to insufficient flow					-
5 Nov 20	14:27	Sunny		Unable to collect water sample due to insufficient flow					-
12 Nov 20	14:20	Sunny		Unable to collect water sample due to insufficient flow					-
19 Nov 20	14:35	Sunny		Unable to collect water sample due to insufficient flow					-
25 Nov 20	14:27	Sunny		Unable to collect water sample due to insufficient flow					-
3 Dec 20	14:22	Sunny		Unable to collect water sample due to insufficient flow					-
10 Dec 20	14:01	Cloudy		Unable to collect water sample due to insufficient flow					-
17 Dec 20	14:27	Cloudy		Unable to collect water sample due to insufficient flow					-
23 Dec 20	14:34	Cloudy		Unable to collect water sample due to insufficient flow					-

Date	Time	Weather Condition	Water Appearance	Water Condition	Water Temperature (°C)	Dissolved Oxygen (DO) (mg/L)	pH	Suspended Solids (SS) (mg/L)	Remarks
31 Dec 20	13:32	Cloudy		Unable to collect water sample due to insufficient flow					-
					<b>Average</b>	8.20	7.91	17.6	-
					<b>Min</b>	6.82	6.35	5.8	-
					<b>Max</b>	9.83	8.53	66.1	-

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 F1.2 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
3 Jan 20	14:10	Sunny		Unable to collect water sample due to insufficient flow					-
9 Jan 20	14:05	Sunny		Unable to collect water sample due to insufficient flow					-
16 Jan 20	14:05	Sunny		Unable to collect water sample due to insufficient flow					-
23 Jan 20	14:36	Sunny		Unable to collect water sample due to insufficient flow					-
30 Jan 20	13:38	Sunny		Unable to collect water sample due to insufficient flow					-
6 Feb 20	14:06	Sunny		Unable to collect water sample due to insufficient flow					-
12 Feb 20	14:12	Sunny		Unable to collect water sample due to insufficient flow					-
20 Feb 20	14:01	Sunny		Unable to collect water sample due to insufficient flow					-
27 Feb 20	14:10	Sunny		Unable to collect water sample due to insufficient flow					-
5 Mar 20	14:08	Sunny		Unable to collect water sample due to insufficient flow					-
12 Mar 20	14:07	Cloudy		Unable to collect water sample due to insufficient flow					-
18 Mar 20	15:03	Rainy		Unable to collect water sample due to insufficient flow					-
26 Mar 20	14:11	Sunny		Unable to collect water sample due to insufficient flow					-
2 Apr 20	14:24	Cloudy		Unable to collect water sample due to insufficient flow					-
9 Apr 20	14:23	Sunny	Light brown	Turbid	22.7	9.01	9.65	107	-
9 Apr 20	14:23	Sunny	Light brown	Turbid	22.5	9.04	9.46	-	DP6 (Remeasurement)
9 Apr 20	14:34	Sunny	Light brown	Turbid	22.7	9.06	9.6	114	DP6 (Duplicate)
9 Apr 20	14:34	Sunny	Light brown	Turbid	22.6	9.04	9.62	-	DP6 (Duplicate) (Remeasurement)
16 Apr 20	14:16	Sunny		Unable to collect water sample due to insufficient flow					-
24 Apr 20	13:47	Cloudy		Unable to collect water sample due to insufficient flow					-
29 Apr 20	14:10	Sunny		Unable to collect water sample due to insufficient flow					-
7 May 20	14:12	Sunny		Unable to collect water sample due to insufficient flow					-
14 May 20	14:03	Sunny		Unable to collect water sample due to insufficient flow					-

Date	Time	Weather Condition	Water Appearance	Water Condition	Water Temperature (°C)	Dissolved Oxygen (DO) (mg/L)	pH	Suspended Solids (SS) (mg/L)	Remarks
20 May 20	14:12	Cloudy	Colourless	Clear	27.2	8.01	8.21	6.1	-
20 May 20	14:16	Cloudy	Colourless	Clear	27.2	8.01	8.25	6.2	DP6 (Duplicate)
28 May 20	14:48	Rainy	Light yellow	Semi-clear	27.7	7.5	7.32	17.7	-
28 May 20	14:57	Rainy	Light yellow	Semi-clear	27.7	7.43	7.12	16.4	DP6 (Duplicate)
4 Jun 20	14:33	Sunny		Unable to collect water sample due to insufficient flow					-
11 Jun 20	14:30	Sunny	Colourless	Clear	32.8	7.34	7.86	5.1	-
11 Jun 20	14:42	Sunny	Colourless	Clear	32.7	7.33	8.02	3.2	DP6 (Duplicate)
17 Jun 20	14:10	Sunny		Unable to collect water sample due to insufficient flow					-
24 Jun 20	14:05	Sunny		Unable to collect water sample due to insufficient flow					-
3 Jul 20	14:36	Cloudy	Light yellow	Semi clear	34.2	7.20	6.62	14.0	-
3 Jul 20	14:45	Cloudy	Light yellow	Semi clear	34.3	7.11	6.33	14.4	DP6 (Duplicate)
9 Jul 20	14:13	Sunny		Unable to collect water sample due to insufficient flow					-
15 Jul 20	14:31	Sunny		Unable to collect water sample due to insufficient flow					-
23 Jul 20	14:09	Sunny		Unable to collect water sample due to insufficient flow					-
30 Jul 20	14:14	Sunny		Unable to collect water sample due to insufficient flow					-
6 Aug 20	15:34	Sunny	Light yellow	Semi clear	31.6	6.95	7.78	420.0	-
6 Aug 20	15:43	Sunny	Light yellow	Semi clear	31.5	6.88	7.81	432.0	DP6 (Duplicate)
13 Aug 20	14:25	Sunny	Light yellow	Semi clear	29.7	6.85	8.28	30.9	-
13 Aug 20	14:34	Sunny	Light yellow	Semi clear	30.0	6.85	8.20	30.2	DP6 (Duplicate)
19 Aug 20	14:35	Rainy		Monitoring was cancelled due to adverse weather					-
27 Aug 20	15:38	Rainy		Unable to collect water sample due to insufficient flow					-
3 Sep 20	NA	Pouring		Monitoring was cancelled due to adverse weather					-
10 Sep 20	15:03	Sunny		Unable to collect water sample due to insufficient flow					-
17 Sep 20	14:27	Sunny	Light yellow	Semi clear	29.1	7.55	8.94	62.9	-
17 Sep 20	14:36	Sunny	Light yellow	Semi clear	28.9	7.52	8.94	-	DP6 (Remeasurement)
17 Sep 20	14:27	Sunny	Light yellow	Semi clear	29.0	7.58	8.87	62.1	DP6 (Duplicate)
17 Sep 20	14:36	Sunny	Light yellow	Semi clear	29.0	7.61	8.89	-	DP6 (Duplicate) (Remeasurement)
23 Sep 20	14:05	Sunny		Unable to collect water sample due to insufficient flow					-
30 Sep 20	14:10	Sunny		Unable to collect water sample due to insufficient flow					-
7 Oct 20	14:18	Sunny		Unable to collect water sample due to insufficient flow					-
15 Oct 20	14:12	Sunny	Light yellow	Semi clear	25.8	8.33	7.60	18.6	-
15 Oct 20	14:26	Sunny	Light yellow	Semi clear	25.9	8.38	7.70	18.3	DP6 (Duplicate)
21 Oct 20	13:52	Sunny		Unable to collect water sample due to insufficient flow					-
29 Oct 20	14:24	Cloudy		Unable to collect water sample due to insufficient flow					-
5 Nov 20	14:18	Sunny		Unable to collect water sample due to insufficient flow					-
12 Nov 20	14:08	Sunny		Unable to collect water sample due to insufficient flow					-
19 Nov 20	14:30	Sunny		Unable to collect water sample due to insufficient flow					-

Date	Time	Weather Condition	Water Appearance	Water Condition	Water Temperature (°C)	Dissolved Oxygen (DO) (mg/L)	pH	Suspended Solids (SS) (mg/L)	Remarks
25 Nov 20	14:22	Sunny		Unable to collect water sample due to insufficient flow					-
3 Dec 20	14:26	Sunny		Unable to collect water sample due to insufficient flow					-
10 Dec 20	13:40	Cloudy		Unable to collect water sample due to insufficient flow					-
17 Dec 20	14:16	Cloudy		Unable to collect water sample due to insufficient flow					-
23 Dec 20	14:23	Cloudy		Unable to collect water sample due to insufficient flow					-
31 Dec 20	13:22	Cloudy		Unable to collect water sample due to insufficient flow					-
					<b>Average</b>	7.75	8.23	76.6	-
					<b>Min</b>	6.85	6.33	3.2	-
					<b>Max</b>	9.06	9.65	432.0	-

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

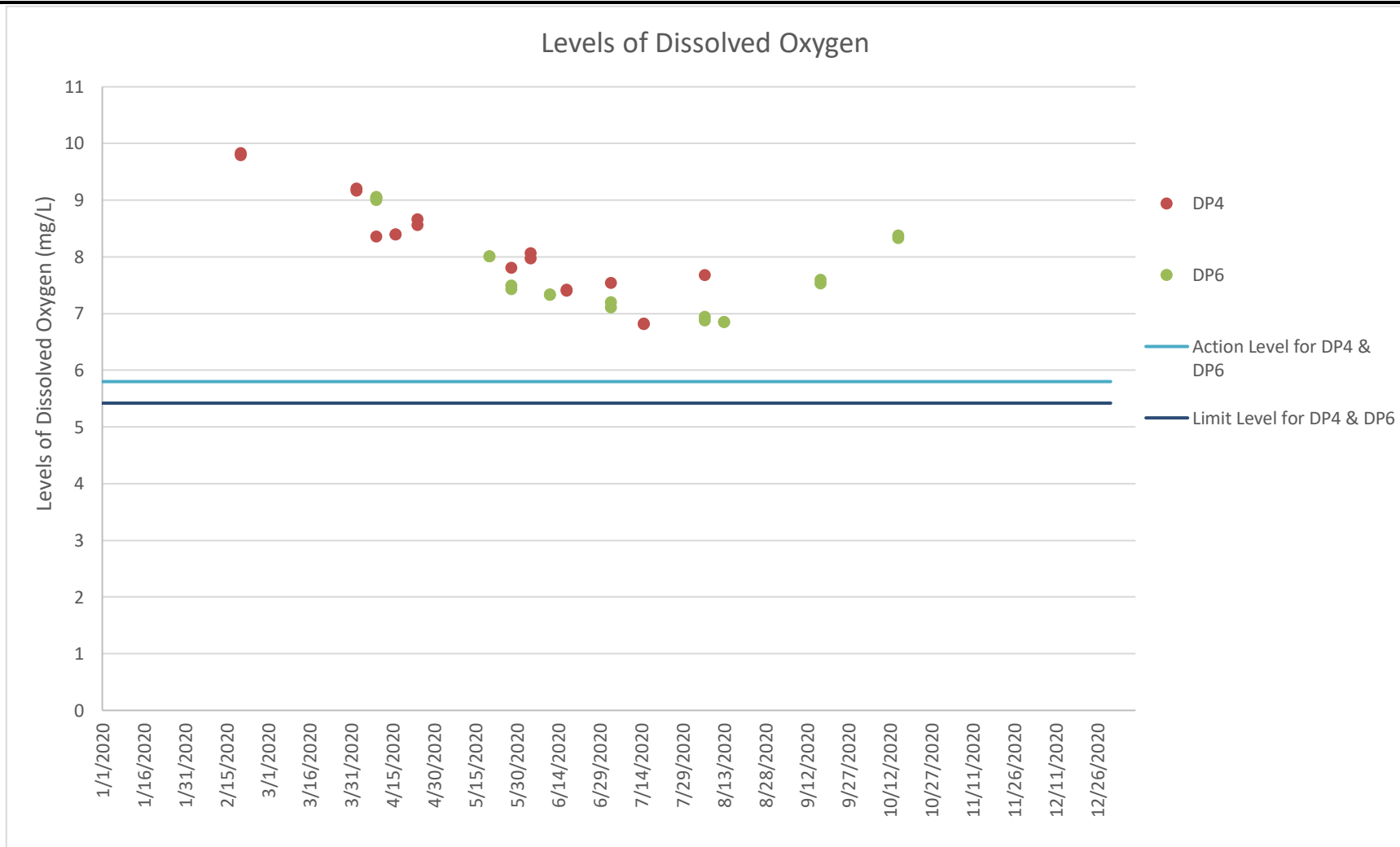


Figure F1.2 Graphical Presentation for Surface Water Quality Monitoring (pH)

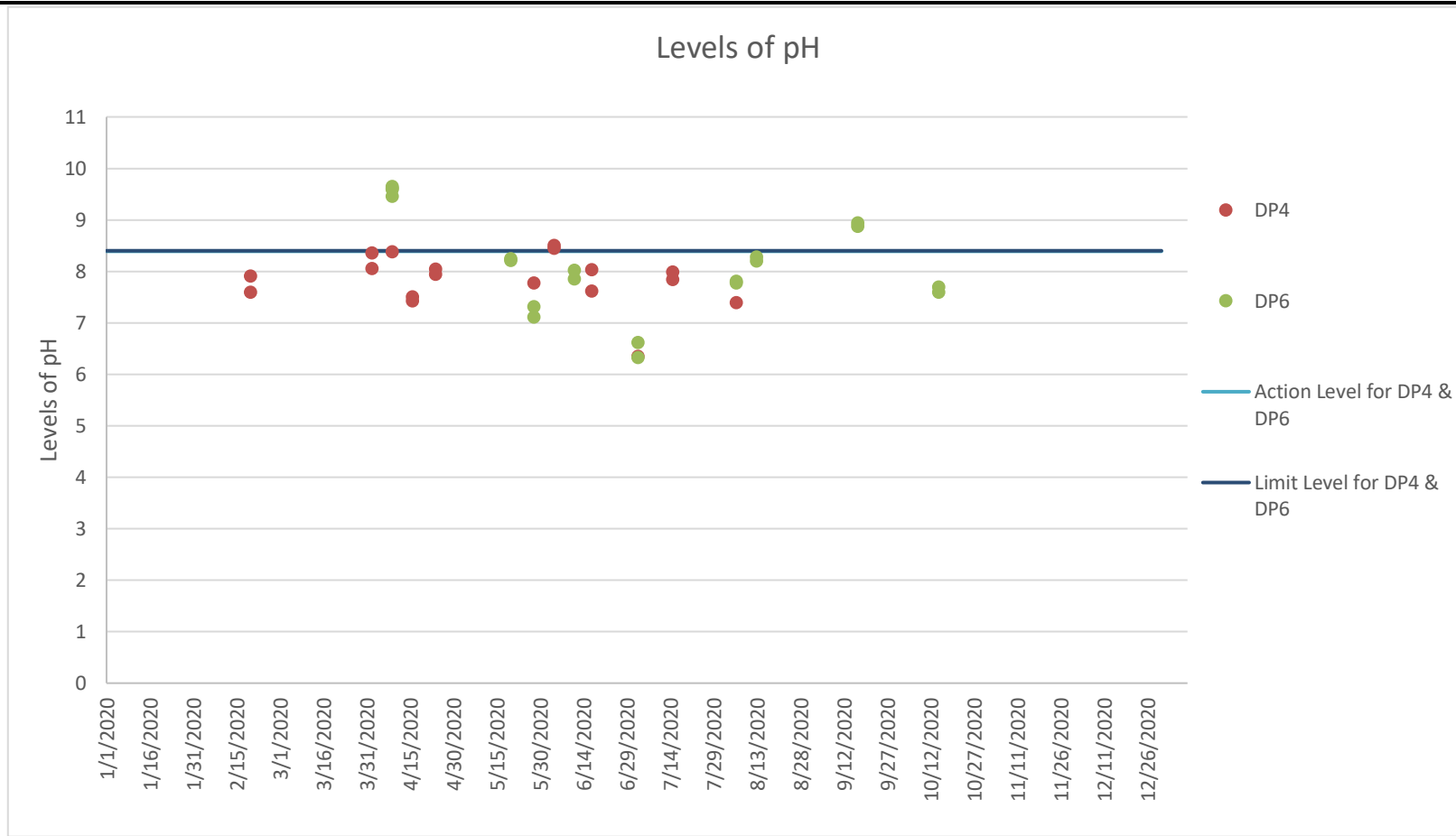


Figure F1.3 Graphical Presentation for Surface Water Quality Monitoring (SS)





