

Sewerage Services Department Sarawak
Jabatan Perkhidmatan Pembetungan Sarawak

Kuching Centralised Sewage Treatment Plant

Sample Date	Effluent @ Effluent Chamber								
	Temperature	pH @ 25°C	BOD ₅	COD	SS	TP	Ammoniacal Nitrogen	Nitrate Nitrogen	O&G
Control / Base	40	6.0 - 9.0	20	120	50	5	10	20	5
10/1/2020	28.0	6.2	2	16	5	0.17	2.02	7.38	1.6
17/1/2020	29.4	7.1	2	26	5	0.17	1.67	4.53	1.4
24/1/2020	29.2	7.1	2	39	6	0.14	1.07	6.20	1.3
31/1/2020	29.6	7	2	24	50	0.17	6.69	8.22	1.4
6/2/2020	29	6.5	4	20.8	12	0.69	0.20	1.61	1
13/2/2020	30	6.4	5.5	29.4	7	0.71	0.06	1.47	1
20/2/2020	29	6.6	3	72	11	0.95	0.17	1.42	1
27/2/2020	29	6.6	10.9	22.1	4	0.93	0.07	0.69	1
5/3/2020	29	6.6	2.1	72	15	0.71	0.06	0.94	1
12/3/2020	29	6.6	23.4	80	19	1.06	0.10	2.53	1
19/3/2020	29	6.6	3.2	80	8	0.47	0.12	2.01	1
27/3/2020	29	6.8	4.1	72.4	3	0.42	0.12	1.84	1
2/4/2020	29.0	6.6	3.1	44.8	18	0.69	0.24	2.03	1
Movement Control Order due to Covid19: no sampling as laboratory closed.									
6/5/2020	30.00	7.3	4.9	28.5	5	0.95	0.10	2.08	1
14/5/2020	30.00	7.3	2.7	15	6	0.46	1.84	1.92	1
21/5/2020	30.00	7.3	4.4	28.7	4	0.66	0.13	0.84	1
28/5/2020	30.00	7.30	2	14.3	4	0.60	0.21	1.62	1
4/6/2020	30.00	7.30	7.5	10.8	2	0.09	0.18	0.98	1
11/6/2020	30.00	7.30	7.7	39.4	9	0.75	0.16	2.21	1
18/6/2020	30.00	7.30	3.9	12	3	0.80	0.21	2.20	1
25/6/2020	30.00	7.30	5.2	12	1	0.49	0.18	1.35	1
9/7/2020	30.00	7.30	8.9	41.4	23	0.82	0.85	1.90	1
16/7/2020	30.00	7.30	6.1	15	2	0.62	0.13	2.35	1
23/7/2020	30.00	7.30	6.2	12.4	8	0.43	0.06	6.89	1

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Jabatan Perkhidmatan Pembetungan Sarawak

30/7/2020	30.00	7.30	10.7	134	19	0.48	0.19	1.96	1
6/8/2020	30.00	7.30	9.8	92.9	11	0.35	1.26	1.94	1
13/8/2020	30.00	7.30	8.7	29	8	0.33	0.13	1.83	1
19/8/2020	30.00	7.30	4.3	27.2	23	0.62	0.92	0.89	1
27/8/2020	30.00	7.30	5.2	15.7	2	0.41	0.75	0.80	1
3/9/2020	30.00	7.30	6.8	15.7	29	0.68	0.68	0.90	1
10/9/2020	30.00	7.30	2.8	11.3	18	0.84	0.62	0.81	1
17/9/2020	30.00	7.30	4.3	38.7	30	0.71	0.53	0.49	1
24/9/2020	30.00	7.30	7.1	18.5	7	0.77	0.31	1.72	1
1/10/2020	30.00	7.30	4.7	16.6	18	0.70	0.11	1.24	1
8/10/2020	30.00	7.30	2	32.6	25	0.81	0.14	1.11	1
15/10/2020	30.00	7.30	2	19.4	2	0.45	0.17	1.06	1
22/10/2020	29.00	6.60	2	38.7	5	0.62	0.14	0.34	1
6/11/2020	29.00	7.10	4.5	31.5	10	0.64	0.52	0.33	1
12/11/2020	29.00	7.10	5.4	33.3	1	0.59	0.19	0.32	1
19/11/2020	29.00	7.10	2.1	19.4	17	0.55	0.33	1.74	1
26/11/2020	29.00	7.10	2.1	19.4	17	0.55	0.33	1.74	1
3/12/2020	29.00	7.10	4.7	20	1	0.1	0.93	0.92	1
10/12/2020	29.00	7.10	2.2	24.4	21	0.37	0.75	0.85	2.6
17/12/2020	29.00	7.10	2	22.5	1	0.96	0.81	0.84	1
24/12/2020	29.00	7.10	2	21.8	5	0.95	0.39	0.23	1.8