

Kuching Centralised Sewage Treatment Plant
Effluent

Sample Date	Effluent								
	Temperature	pH @ 25°C	BOD ₅	COD	SS	Ammoniacal Nitrogen	Nitrate Nitrogen	TP	O&G
Standard A Limit	40	6.0 - 9.0	20	120	50	10	20	5	5
7/1/2021	29.0	7.1	2	10.5	5	1.08	0.69	0.66	1
14/1/2021	29	7.1	2	16.9	6	2.92	0.17	0.19	1
21/1/2021	29	7.1	3.1	32.6	25	3.61	2.94	0.82	2.5
28/1/2021	29	7.1	2	20.4	5	8.78	0.87	0.57	0
8/2/2021	29	7.1	2	19.1	8	0.85	0.41	0.37	1
18/2/2021	29	7.1	2	60	1	0.36	2.43	0.77	1
25/2/2021	29	7.1	2	15.5	3	0.29	1.20	0.37	1
4/3/2021	30	6.9	5.5	20.4	1	0.25	0.00	1.05	1
11/3/2021	29	7	2.2	15.5	7	0.08	1.71	0.74	1
18/3/2021	29	7	2	16.6	3	0.18	2.00	1.01	1
25/3/2021	29	7	2	16	4	0.17	0.50	1.16	1
1/4/2021	29	6.5	2	23.6	11	0.39	1.27	0.79	1
8/4/2021	29.0	6.5	2.3	24.8	2	0.24	1.64	0.99	1
15/4/2021	29	6.5	5.6	31.5	1	0.41	0.98	0.78	1
29/4/2021	29	6.5	10.9	58.2	6	1.54	1.26	0.86	1
6/5/2021	29	6.5	6.9	22.2	3	0.84	1.23	0.65	1
12/5/2021	29.00	6.5	12.9	49	1	0.86	0.97	1.27	1
20/5/2021	29.00	6.5	2.6	63.9	8	0.15	2.42	0.86	1
29/5/2021	29.00	6.5	3.7	37	10	0.06	2.55	0.92	1
3/6/2021	29.00	7.00	3.5	40	12	0.06	0.73	0.65	1
10/6/2021	29.00	7.00	3.7	22.9	1	0.08	0.38	0.59	1
18/6/2021	31.00	7.00	3.5	35.4	4	0.19	1.27	0.54	1
24/6/2021	31.00	7.00	2	39.4	1	0.17	2.25	0.74	1
1/7/2021	29.00	6.80	6.4	30.5	5	0.10	2.25	0.47	1
15/7/2021	29.00	6.60	4.4	23.5	3	0.13	0.85	0.57	1
21/7/2021	29.00	6.60	8	45	0.5	0.10	1.61	0.65	1

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Standard A Limit	40	6.0 - 9.0	20	120	50	10	20	5	5
29/7/2021	29.00	6.60	9.9	76.2	4	0.07	0.94	0.48	1
5/8/2021	29.00	6.50	3.5	41.9	29	0.24	1.32	0.85	1
13/8/2021	29.00	6.50	2	15	12	0.06	1.13	0.67	1
19/8/2021	29.00	7.30	3	23.2	12	0.13	1.36	0.60	1
26/8/2021	22.00	7.10	3.5	83.9	8	0.14	1.10	0.67	1
3/9/2021	27.00	6.90	3.3	49.6	2	0.15	1.28	0.95	1
9/9/2021	29.00	6.90	4.3	38.7	6	0.14	1.06	0.95	1
15/9/2021	29.00	7.20	2.3	49.6	14	0.33	1.65	0.53	1
23/9/2021	29.00	6.80	2.3	64.8	18	0.2	1.88	0.82	1
30/9/2021	29.00	7.00	4.4	47.2	13	0.08	1.24	1.01	2.6
7/10/2021	29.00	7.10	3.2	52.6	1	0.06	1.21	1.74	1
14/10/2021	27.00	7.10	5.8	31.5	8	0.09	1.13	1.44	1
21/10/2021	29.00	7.10	2.1	31	9	0.07	1.01	1.75	1
28/10/2021	25.50	6.80	5.4	65.8	13	0.15	1.03	2.28	1
4/11/2021	29.00	6.50	2.6	49.6	24	0.17	1.03	2.11	1
11/11/2021	29.00	6.80	2	59	12	0.10	0.98	1.94	2.6
18/11/2021	29.00	6.70	2.6	70.4	1	0.18	0.71	1.85	1.2
25/11/2021	29.00	6.30	3.5	51.7	8	0.10	2.41	2.65	1
9/12/2021	25.00	6.50	2	37.5	4	0.21	1.48	1.55	1
16/12/2021	25.50	6.40	2	61	2	0.28	0.21	0.95	1
23/12/2021	29.00	6.40	2	53.3	1	0.23	1.05	0.75	1
30/12/2021	29.00	6.80	2.4	66.5	1	0.23	1.10	1.9	1

Note:

Data is provided by Kuching Operation Unit, Sewerage Services Department Sarawak.