

Jabatan Perkhidmatan Pembetungan Sarawak

Kuching Centralised Sewage Treatment Plant

Sample Date	Temperature °C	pH @ 25°C	Biological Oxygen Demand (5 days)	Chemical Oxygen Demand	Suspended Solids	Total Phosphorus	Total Nitrogen	Ammoniacal Nitrogen	Nitrate Nitrogen	Oil & Grease
Standard A	40	6.0 - 9.0	20	120	50	5	10	10	20	5
13/1/2017		5.68	4	20	4	2.03	3.92			0
20/1/2017		5.65	9	41	39	1.92	4.48			0
26/1/2017		5.56	7	34	15	1.79	3.36			0
3/2/2017		6.87	5	23	16	1.71	3.92			0
9/2/2017		5.75	5	21	8	1.82	4.48			0
17/2/2017		6.15	10	47	8	1.38	3.92			0
23/2/2017		5.51	9	42	34	1.27	3.36			0
2/3/2017		6.45	12	54	10	2.58	4.48			0
9/3/2017		6.12	7	34	70	2.38	7.84			0
16/3/2017		5.99	6	28	36	2.43	5.60			0
24/3/2017		6.17	5	25	21	6.70	5.04			0
31/3/2017		6.26	7	35	27	3.62	2.80			0
6/4/2017		7.26	20	98	24	1.77	3.92			0
13/4/2017		5.99	7	36	84	4.90	8.96			0
20/4/2017		6.22	13	63	90	4.80	7.84			0
4/5/2017	26.60	6.62	8	38	22	2.24		0.34	5.90	0
12/5/2017	26.90	6.18	5	25	8	0.79		0.06	1.50	0
18/5/2017	26.00	6.23	7	32	3	1.16		0.09	1.50	0
25/5/2017	27.00	6.10	6	31	3	0.88		0.32	2.00	0
30/5/2017	26.50	6.09	5	27	20	1.54		0.56	2.10	0
8/6/2017	26.60	7.22	8	42	15	2.30		0.11	2.30	0
15/6/2017	27.10	7.19	4	23	5	0.70		0.59	2.20	0
22/6/2017	27.10	7.20	9	44	3	0.90		1.96	2.20	0
29/6/2017	24.80	7.19	4	21	6	1.58		0.11	11.40	0
6/7/2017	25.60	7.84	5	26	5	2.62		2.07	1.10	0
13/7/2017	26.60	7.24	11	48	10	1.41		4.14	0.60	0

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Standard A	40	6.0 - 9.0	20	120	50	5	10	10	20	5
20/7/2017	25.60	7.05	19	84	7	1.25		0.09	2.60	0
27/7/2017	25.10	6.96	4	21	18	0.35		0.24	4.20	0
3/8/2017	27.40	6.94	11	55	38	1.40		0.09	3.40	0
10/8/2017	25.50	7.03	9	42	26	0.48		0.11	6.70	0
17/8/2017	25.20	6.91	5	24	8	2.86		4.95	0.70	0
24/8/2017	25.70	6.83	4	22	8	1.74		0.14	0.60	0
30/8/2017	25.60	6.92	5	25	14	1.25		0.21	0.50	0
7/9/2017	27.00	7.05	5	24	6	0.95		0.09	2.00	0
14/9/2017	27.50	6.98	15	65	21	1.55		0.16	0.50	0
21/9/2017	26.10	6.97	4	22	20	1.40		0.20	1.00	0
28/9/2017	25.80	6.95	5	26	20	1.27		0.13	2.40	0
5/10/2017	26.20	7.01	9	42	38	1.45		0.12	0.80	0
12/10/2017	26.90	6.98	7	31	15	0.42		0.05	1.10	0
19/10/2017	25.60	7.11	5	26	20	0.6		0.33	1.80	0
26/10/2017	26.40	7.03	6	28	4	0.69		0.06	1.20	0
2/11/2017	26.40	6.98	9	41	11	0.59		0.28	0.50	0
9/11/2017	26.80	7.36	5	22	19	0.86		0.12	0.90	0
16/11/2017	25.80	7.03	4	22	6	0.67		0.06	1.00	0
23/11/2017	27.90	7.14	6	25	68	0.76		0.10	1.30	0
30/11/2017	28.10	7.11	8	36	19	1.23		0.09	0.80	0
7/12/2017	26.80	6.94	7	32	10	1.66		0.08	1.00	0
14/12/2017	26.30	7.41	4	18	8	1.68		0.04	0.30	0
21/12/2017	25.00	7.12	4	18	10	1.84		0.06	1.20	0
28/12/2017	26.20	6.98	10	48	7	2.08		0.04	0.70	0

Note:

Starting 1 May 2017, Total Nitrogen testing is changed to Ammoniacal Nitrogen and Nitrate Nitrogen as per Environmental Quality (Sewage) Regulations, 2009 requirement.