

Table 3. Water quality values (Q- values) for Fecal coliform, BOD and DO

Fecal coliforms (per 100 ml)	Log ₁₀ FC	Q	BOD-5 (mg/L)	Q	Dissolved oxygen (% sat)	Q
1	0	99	0	100	0	2
2	0.30103	91	1	95	5	5
3	0.477121	86	2	80	10	7
4	0.60206	82	3	67	15	10
5	0.69897	80	4	61	20	12
6	0.778151	78	5	56	25	15
7	0.845098	76	6	51	30	19
8	0.90309	74	7	46	35	23
9	0.954243	73	8	42	40	30
10	1	72	9	38	45	37
20	1.30103	63	10	34	50	44
30	1.477121	58	11	30	55	51
40	1.60206	55	12	28	60	57
50	1.69897	52	13	25	65	66
60	1.778151	50	14	23	70	75
70	1.845098	48	15	20	75	81
80	1.90309	47	16	18	80	87
90	1.954243	45	17	16	85	91
100	2	44	18	14	90	95
200	2.30103	37	19	13	95	98
300	2.477121	34	20	12	100	99
400	2.60206	31	21	11	105	98
500	2.69897	29	22	10	110	96
600	2.778151	27	23	9	115	93
700	2.845098	25	24	8	120	90
800	2.90309	24	25	7	125	87
900	2.954243	23	26	7	130	84
1000	3	22	27	6	135	81
2000	3.30103	18	28	6	140	78
3000	3.477121	16	29	5	>140	50
4000	3.60206	15	30	5		
5000	3.69897	14	>30	2		
6000	3.778151	13				
7000	3.845098	12				
8000	3.90309	11				
9000	3.954243	11				
10000	4	10				
20000	4.30103	8				
30000	4.477121	7				
40000	4.60206	6				
50000	4.69897	6				
60000	4.778151	5				
70000	4.845098	5				
80000	4.90309	5				
90000	4.954243	4				
100000	5	4				
>100000		2				