

Water Quality of Deepor Beel at Dharapur (November, 2016 to Jan, 2017)

Sampling Date	Sampling Time	Temp (°C)	Dissolved Oxygen, mg/l	pH	Conductivity (µmho/cm)	BOD, mg/l	NitrateN, mg/l	Fecal Coliform, MPN/100ml	Total Coliform, MPN/100ml	Turbidity, NTU
11/2/2016	1.25 pm	28	8.2	7.0	185	3.5	1.4	910	2000	3
12/5/2016	1.00 pm	26	5.6	7.3	180	3.4	1.1	2100	9300	4
1/2/2017	12.40 pm	25	5.7	6.3	301	3.0	1.5	Nil	15000	9

Sampling Date	P-Alkalinity, mg/l	T-Alkalinity, mg/l	Chloride, mg/l	COD, mg/l	Total KjeldahlN, mg/l	Amonia N, mg/l	Total Hardness, mg/l	Calcium, mg/l	Magnesium, mg/l	Sulphate, mg/l
11/2/2016	0	80	8	17.42	1.58	0.47	78	60	18	5.7
12/5/2016	0	92	8	15.84	1.28	0.38	68	48	20	8.0
1/2/2017	0	96	8	15.76	1.2	0.30	76	54	22	65.8

Sampling Date	Sodium, mg/l	TotalDissolvedSolids, mg/l	TotalFixedSolids, mg/l	TotalSuspendedSolids, mg/l	Phosphate, mg/l	Boron, mg/l	Potassium, mg/l	Flouride, mg/l
11/2/2016	16.1	118	30	62	0.1	0.08	2.72	0.62
12/5/2016	14.26	108	27	38	0.1	0.07	3.18	0.46
1/2/2017	13.62	180	45	42	0.4	0.06	2.82	0.4

Water Quality Criteria Value:

Dissolved Oxygen, mg/l	BOD, mg/l	Fecal Coliform, MPN/100ml	Total Coliform, MPN/100ml
>4	<3	<2500	<5000