

**Water Quality of Deepor Beel at Boragaon (near IASST) (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	2.10 pm	28	6.4	6.0	149	3.8	2.3	910	4300	35
12/5/2016	1.50 pm	26	5.4	7.4	181	2.2	2.5	Nil	940	4
1/2/2017	12.10 pm	25	5.5	6.2	292	2.8	2.3	Nil	2400	10

Sampling Date	P-Alkalinity, mg/l	T-Alkalinity, mg/l	Chloride, mg/l	COD, mg/l	Total KjeldahN, mg/l	Amonia N, mg/l	Total Hardness, mg/l	Calcium, mg/l	Magnesium, mg/l	Sulphate, mg/l
11/2/2016	0	108	10	19.0	1.76	0.52	56	38	18	5.4
12/5/2016	0	110	12	15.8	1.38	0.42	58	40	18	6.3
1/2/2017	0	104	10	14.8	1.38	0.38	72	52	20	66.1

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	13.81	96	26	54	0.2	0.08	3.12	0.94
12/5/2016	15.24	109	28	40	0.2	0.06	4.16	0.90
1/2/2017	13.92	175	43	48	0.2	0.06	3.14	0.92

**Water Quality Criteria Value:**

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

o/e