

## POLLUTION CONTROL BOARD, ASSAM BAMUNIMADAM, GUWAHATI-21

### Analysis Report of Water Samples collected from various location of Deepor Beel

Lab. Ref No.	Date of Receipt	Source	Date & Time of Collection	pH	Cond (µS/cm)	Turbidity (NTU)	D.O. (mg/L)	C.O.D. (mg/L)	B.O.D. (mg/L)	p-Alkalinity (mg/L)	m-Alkalinity (mg/L)	Total Hardness as CaCO <sub>3</sub> (mg/L)	Calcium as CaCO <sub>3</sub> (mg/L)	Magnesium as CaCO <sub>3</sub> (mg/L)	Chloride as Cl <sup>-</sup> (mg/L)	Sulphate as SO <sub>4</sub> <sup>2-</sup> (mg/L)	Phosphate as PO <sub>4</sub> (mg/L)	Nitrate as N (mg/L)	NH <sub>3</sub> -N (mg/L)	TKN (mg/L)	Total Dissolved Solids (mg/L)	Total Suspended Solids (mg/L)	Fluoride as F (mg/l)	Sodium as Na (mg/L)	Potassium as K (mg/L)	Lead as Pb (mg/L)	Zinc as Zn (mg/L)	Copper as Cu (mg/L)	Chromium as Cr (T) (mg/L)	Nickel as Ni (mg/L)	Cadmium as Cd (mg/L)	Mercury as Hg (mg/L)	Iron as Fe (mg/L)	Arsenic as As (µg/L)	Total Coliform	Faecal Coliform	Collected by				
GW-03/16 MBW-07/16	28.01.2016	Water from South-Side of the island of Deepor Beel near view point.	27.01.16 12.40 PM	7.3	215	23	6.9	17.8	3.8	Nil	92.0	62.0	38.0	24.0	20.0	15.7	0.3	1.1	0.28	0.84	136.0	92.0	0.3	22.81	3.88	0.029	0.014	BDL	BDL	BDL	BDL	BDL	BDL	2.08	2.862	1400	Nil	Shri K. Nath, ES & Shri S. Goswami, ES			
GW-04/16 MBW-08/16	28.01.2016	Water from North-Side of the island of Deepor Beel.	27.01.16 12.55 PM	7.5	174	14	6.8	16.2	3.3	Nil	72.0	68.0	40.0	28.0	22.0	15.0	0.1	3.1	0.84	2.80	104.0	70.0	0.3	24.08	5.04	0.034	0.013	BDL	BDL	BDL	BDL	BDL	BDL	2.22	BDL	910	360				
GW-05/16 MBW-09/16	28.01.2016	Water from mid of Deepor Beel.	27.01.16 1.20 PM	7.7	175	17	6.6	16.2	3.6	Nil	66.0	64.0	38.0	26.0	30.0	16.7	0.5	2.3	2.52	8.12	112.0	52.0	0.2	28.36	4.02	0.036	0.038	BDL	BDL	BDL	BDL	BDL	BDL	2.54	0.997	1500	Nil				
GW-06/16 MBW-10/16	28.01.2016	Water from East Side of Deepor Beel near Railway Bidge.	27.01.16 01.55 PM	9.0	182	44	9.8	21.0	7.0	8.0	78.0	62.0	34.0	28.0	20.0	15.4	0.4	2.1	1.12	3.64	112.0	42.0	0.3	29.24	5.3	0.037	0.027	BDL	BDL	BDL	BDL	BDL	BDL	2.96	BDL	9300	360				
GW-07/16 MBW-11/16	28.01.2016	Water from Deepor Beel near MSW dumping site.	27.01.16 2.20 PM	7.8	183	52	3.2	90.5	35.0	Nil	94.0	68.0	38.0	30.0	18.0	11.6	0.8	1.2	1.40	4.20	120.0	130.0	0.3	21.99	5.13	0.042	0.022	0.002	BDL	BDL	BDL	BDL	BDL	5.25	BDL	21000	1500				
GW-08/16 MBW-12/16	28.01.2016	Water from Pamohi River before confluence with Deepor Beel.	27.01.16 3.10 PM	7.7	63	27	5.4	11.3	3.1	Nil	42.0	26.0	16.0	10.0	4.0	7.7	0.1	0.6	0.56	1.96	40.0	32.0	0.2	9.23	2.24	0.034	0.009	BDL	BDL	BDL	BDL	BDL	BDL	2.29	BDL	7500	Nil				
GW-09/16 MBW-13/16	28.01.2016	Water from Deepor Beel near Stluice Gate at Khonajan before confluence with Brahmaputra River.	27.01.16 4.00 PM	7.7	140	10	5.9	16.2	3.5	Nil	56.0	50.0	38.0	12.0	18.0	20.1	0.1	1.5	0.56	1.68	92.0	30.0	0.3	17.21	0.08	0.035	BDL	BDL	BDL	BDL	BDL	BDL	1.04	BDL	1900	300					

BDL: Below Detectable Limit

  
**Chief Env. Scientist**