

**Pollution Control Board, Assam  
Bamunimaidam, 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)	Pottasium 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 (mg/L)	Total Coliform	Faecal Coliform	Collected by
GW-34/16 MBW-109/16	29.06.2016	Water from East-Side of the Deepor Beel near MSW dumping site.	28.06.16 10.45 AM	6.8	168	2	3.5	15.2	6.0	Nil	92.0	72.0	48.0	24.0	16.0	13.6	2.2	0.9	0.94	11.20	107.0	40.0	0.22	8.40	4.67	BDL	0.092	0.003	BDL	0.022	0.003	BDL	0.68	0.015	910	Nil	D. N. Dev Choudhury, EES & S. Goswami, ES
GW-35/16 MBW-110/16	29.06.2016	Water from Deepor Beel just after confluence with Basistha Bahini along with Mora Bharalu River	28.06.16 11.05 AM	7.2	177	2	0.8	49.8	20.0	Nil	100.0	80.0	60.0	20.0	18.0	15.0	2.3	0.9	0.43	8.40	113.0	58.0	0.31	9.20	3.93	BDL	0.060	0.003	BDL	0.023	0.002	BDL	0.88	0.014	15000	300	
GW-36/16 MBW-111/16	29.06.2016	Water from mid point of Deepor Beel.	28.06.16 11.20 AM	7.3	158	2	7.7	13.7	3.7	Nil	84.0	64.0	48.0	16.0	14.0	15.4	2.6	0.8	0.45	8.40	101.0	24.0	0.24	7.80	3.88	BDL	0.071	0.003	BDL	0.036	0.002	BDL	0.56	0.014	730	300	
GW-37/16 MBW-112/16	29.06.2016	Water from Basistha Bahini along with Mora Bharalu River before confluence with Deepor Beel, Pamohi	28.06.16 12.30 PM	7.0	277	16	Nil	52.6	20.0	Nil	144.0	100.0	68.0	32.0	26.0	32.0	6.7	1.7	8.50	28.00	177.0	126.0	0.40	15.09	12.56	BDL	0.101	0.003	BDL	0.046	0.002	BDL	2.57	0.015	240000	1100	
GW-38/16 MBW-113/16	29.06.2016	Water from Khonajan in Khonamukh near bridge	28.06.16 01.40 PM	7.4	96	7	5.3	10.6	0.5	Nil	68.0	60.0	44.0	16.0	4.0	18.0	4.3	1.2	0.11	5.60	61.0	108.0	0.26	2.20	1.80	BDL	0.059	0.005	BDL	0.038	0.002	BDL	0.57	0.014	110000	700	

BDL: Below Detectable Limit

o/c

  
**Chief Env. Scientist**