

# Pollution Control Board, Assam Bamunimaidam, Guwahati-21

## Analysis Report of Water Samples collected from different locations of Deepor Beel

Lab. Ref No.	Source	Date & Time of Collection	pH	D.O. (mg/L)	C.O.D. (mg/L)	B.O.D. (mg/L)	RCI <sub>2</sub> (mg/L)	Total Dissolved Solids (mg/L)	Total Suspended Solids (mg/L)	FreeNH <sub>3</sub> -N (mg/L)	Chromium as Cr <sup>6+</sup> (mg/L)	Chromium as Cr (T) (mg/L)	Lead as Pb (mg/L)	Zinc as Zn (mg/L)	Copper as Cu (mg/L)	Nickel as Ni (mg/L)	Cadmium as Cd (mg/L)	Mercury as Hg (mg/L)	Total Coliform	Faecal Coliform	Bio-assay Test (% of Survival after 96 hours in 100% Sample)
GW-138/16 MBW-194/16	Water from mid point of Deepor Beel.	16.11.2016 11.00 AM	8.2	6.3	22.3	3.8	0.4	118.0	48.0	0.07	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	360	Nil	-
GW-139/16 MBW-195/16 BA-37/16	Water from East-Side of the Deepor Beel near MSW dumping site.	16.11.2016 11.40 AM	7.3	4.5	22.8	<b>4.0</b>	0.4	128.0	56.0	Nil	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	<b>240000</b>	<b>240000</b>	100%
GW-140/16 MBW-196/16	Water from Deepor Beel just after confluence with Basistha Bahini along with Mora Bharalu River	16.11.2016 11.50 AM	8.9	5.2	26.8	<b>4.4</b>	0.9	112.0	52.0	1.08	BDL	BDL	BDL	0.012	BDL	BDL	BDL	BDL	3900	720	-
GW-141/16 MBW-197/16	Water from Basistha Bahini along with Mora Bharalu River before confluence with Deepor Beel, Pamohi	16.11.2016 12.30 PM	7.4	4.5	28.3	<b>4.8</b>	0.4	106.0	44.0	Nil	BDL	BDL	BDL	0.026	BDL	BDL	BDL	BDL	15000	<b>2000</b>	-
GW-142/16 MBW-198/16	Water from Khonajan in Khonamukh near bridge	16.11.2016 1.00 PM	7.2	6.2	10.4	1.9	0.9	116.0	60.0	Nil	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	5300	<b>2000</b>	-

BDL: Below Detectable Limit

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**Chief Env. Scientist**