

# 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)	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)	Total Coliform	Faecal Coliform
GW-41/17 MBW-23/17	Water from Deepor Beel near Railway Bridge	18.01.2017 2.50 PM	7.3	5.7	41.9	11.0	0.44	149.0	70.0	Nil	BDL	0.015	0.051	0.012	0.018	BDL	BDL	BDL	2700	2000
GW-42/17 MBW-24/17	Water from Deepor Beel at mid-point.	18.01.2017 3.20 PM	7.2	5.5	20.2	5.0	0.89	147.0	50.0	Nil	BDL	BDL	0.013	BDL	BDL	BDL	BDL	BDL	12000	1400
GW-43/17 MBW-25/17	Water from Deepor Beel at northern-side	18.01.2017 3.45 PM	7.3	7.6	18.6	3.2	0.89	146.0	44.0	Nil	BDL	0.011	0.003	BDL	BDL	BDL	BDL	BDL	1500	300
GW-44/17 MBW-26/17	Water from Deepor Beel near view point	18.01.2017 4.05 PM	7.8	11.0	23.5	3.9	1.80	126.0	56.0	0.08	BDL	0.006	0.010	BDL	BDL	BDL	BDL	BDL	1500	300
GW-45/17 MBW-27/17	Water from Bahini River after confluence with Mora Bharalu at Pamohi	18.01.2017 4.30 PM	7.4	Nil	26.4	9.4	0.44	143.0	92.0	Nil	BDL	0.004	0.032	BDL	BDL	BDL	BDL	BDL	6400	1400
GW-46/17 MBW-28/17	Water from Deepor Beel near view point	18.01.2017 6.00 PM	7.8	5.8	26.4	3.4	1.80	123.0	60.0	0.09	BDL	0.002	0.007	BDL	BDL	BDL	BDL	BDL	2000	910
GW-47/17 MBW-29/17	Water from Deepor Beel at mid-point.	18.01.2017 6.20 PM	7.3	5.0	18.6	4.6	0.89	140.0	48.0	Nil	BDL	BDL	0.004	BDL	BDL	BDL	BDL	BDL	1100	360
GW-48/17 MBW-30/17	Water from Deepor Beel at northern-side	18.01.2017 6.40 PM	7.4	6.5	20.2	3.8	0.89	142.0	40.0	Nil	BDL	0.005	0.006	BDL	BDL	BDL	BDL	BDL	2000	360
GW-49/17 MBW-31/17	Water from Deepor Beel near Railway Bridge	18.01.2017 7.15 PM	7.4	2.5	43.5	8.0	0.44	145.0	74.0	Nil	BDL	0.010	0.042	0.005	0.012	BDL	BDL	BDL	2000	360
GW-54/17 MBW- 36/17	Water from Deepor Beel near Railway Bridge	24.01.2017 11.30 AM	7.1	2.4	43.5	8.2	0.80	172.0	62.0	Nil	BDL	0.014	0.014	0.008	0.011	BDL	BDL	BDL	2800	1500
GW-55/17 MBW-37/17	Water from Deepor Beel at northern-side	24.01.2017 11.50 AM	7.3	6.2	17.1	4.4	0.44	158.0	38.0	Nil	BDL	0.012	BDL	BDL	0.001	BDL	BDL	BDL	1600	360
GW-56/17 MBW-38/17	Water from Deepor Beel at mid-point.	24.01.2017 12.05 PM	7.4	5.4	15.5	3.8	Nil	154.0	42.0	Nil	BDL	0.014	0.035	BDL	BDL	BDL	BDL	BDL	9500	1900
GW-57/17 MBW-39/17	Water from Deepor Beel near view point	24.01.2017 12.15 PM	7.4	4.4	30.9	4.2	0.89	132.0	52.0	0.03	BDL	0.008	0.008	BDL	BDL	BDL	BDL	BDL	1500	600
GW-58/17 MBW-40/17	Water from Bahini River after confluence with Mora Bharalu at Pamohi	24.01.2017 1.10 PM	7.3	4.7	31.0	12.2	0.44	147.0	88.0	Nil	BDL	0.015	0.007	0.001	0.001	BDL	BDL	BDL	5300	1600

BDL: Below Detectable Limit

*[Signature]*  
Chief Env. Scientist