

**BEFORE THE HON'BLE NATIONAL GREEN TRIBUNAL
EASTERN ZONAL BENCH KOLKATA**

IN

OA No. 99/2025/EZ

(Earlier OA No.219/2025 (PB))

IN THE MATTER OF

News Item "Unchecked urbanisation pushing Deepor Beel into environment crisis: Experts appearing in the Assam Tribune dated 22.04.2025".

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Sl/Instrument No 89
Date 18.7.2025

Shantanu Dutta

(Dr. Shantanu Kumar Dutta)
Scientist 'E' & RD Shillong
Central Pollution Control Board

Dr. Shantanu Kr. Dutta
Regional Director
Central Pollution Control Board
(Ministry of Environment, Forest & Climate Change, Govt. of India)
Regional Directorate - Shillong
BSNL NE - 1 Telecom Circle, CTO Building, Shillong-793001

Filed through

Counsel

Dated: 18th July, 2025

Place: Shillong



**BEFORE THE HON'BLE NATIONAL GREEN TRIBUNAL
EASTERN ZONAL BENCH KOLKATA**

IN

OA No. 99/2025/EZ

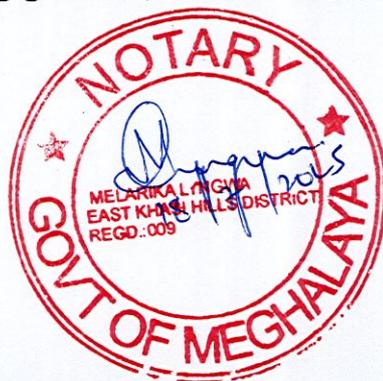
(Earlier OA No.219/2025 (PB))

IN THE MATTER OF

News Item "Unchecked urbanisation pushing Deepor Beel into environment crisis: Experts appearing in the Assam Tribune dated 22.04.2025".

REPLY ON BEHALF OF RESPONDENT NO. 2 i.e. CENTRAL POLLUTION CONTROL BOARD

1. That the Hon'ble National Green Tribunal Principal Bench vide order dated 06.05.2025 in Suo-moto matter in Original Application No. 219 of 2025 (PB), has directed Central Pollution Control Board (hereinafter referred to as "CPCB") to file Reply in the instant matter and transferred the instant matter to National Green Tribunal, Eastern Zonal Bench, Kolkata for further adjudication. Thereby, the reply is made in this instant Original Application in succeeding paragraphs.
2. That, CPCB is constituted under Section 3 of the Water (Prevention and Control of Pollution) Act, 1974. It performs the functions under the Water (Prevention and Control of Pollution) Act 1974, the Air (Prevention and Control of Pollution) Act 1981, and the Environment (Protection) Act, 1986.
3. That, this suo-moto matter is based on the news item "Unchecked urbanisation pushing Deepor Beel into environment crisis: Experts" appearing in the Assam Tribune dated 22.04.2025. It pertains to the alleged environmental damage being caused to Deepor Beel in Guwahati, Assam. As per the news item, the wetland has been reduced in size due to unauthorized settlements, illegal dumping grounds, and the unrestricted dumping of solid waste.



REPLY:

4. It is humbly submitted that Central Pollution Control Board at present monitors water quality of Deepor Beel in Assam at 08 locations under National Water Quality Monitoring Programme (NWMP) in association with Assam Pollution Control Board (APCB) on a monthly basis. Details of monitoring locations is shown in **Figure-1**.

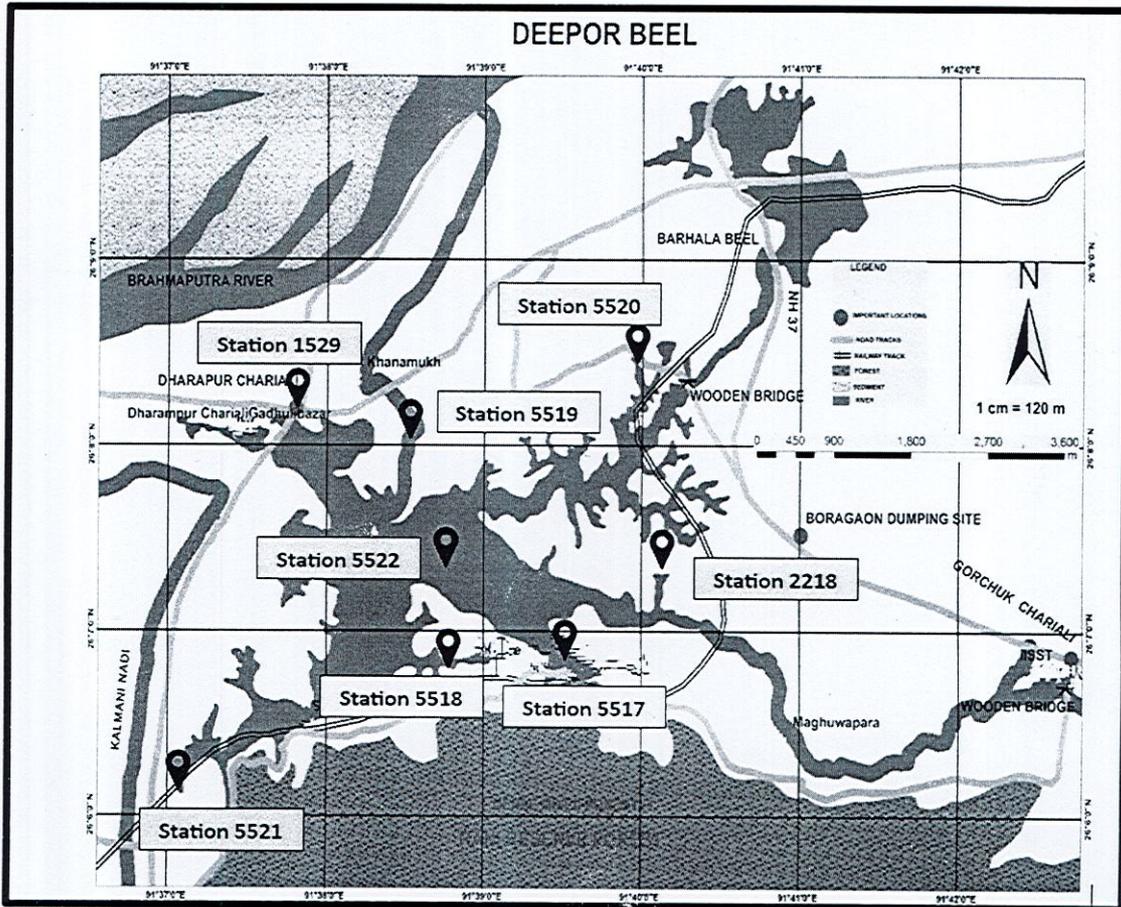


Figure 1: NWMP Stations at Deepor Beel

The water quality data of Deepor Beel Lake monitored during the years 2023 and 2024 is given below in **Table 1** and **Table 2**.



Table 1: Water Quality Data of Deepor Beel in Assam Monitored under NWMP-2023

STN Code	Monitoring Location	Dissolved Oxygen (mg/L)		pH		BOD (mg/L)		Fecal Coliform (MPN/100ml)		Fecal Streptococci (MPN/100ml)	
		Min	Max	Min	Max	Min	Max	Min	Max	Min	Max
1529	DEEPOR BEEL NEAR DHARAPUR CHARIALI, GUWAHATI, ASSAM	5.1	10.8	6.8	8.5	5.0	5.8	360	930	95	290
2218	DEEPAR BEEL AT BORAGAON NEAR IASST, GUWAHATI, ASSAM	4.1	10.5	6.8	9.0	4.9	8.0	2	730	2	240
5517	NEAR VIEW POINT BIRD WATCHING TOWER OF THE DEEPOR BEL	5.3	10.3	7.1	9.2	4.0	8.2	2	730	2	240
5518	NEAR PICNIC SPOT, 200 MTR FROM THE RAILWAY BRIDGE, EAST SIDE OF THE DEEPORBEEL	5.1	10.5	7.1	8.9	5.0	6.2	2	1100	2	490
5519	AT HOWRAPARA, KHANAMUKH BEFORE MIXING WITH KHANAMUKHJAAN	5.3	9.5	7.0	7.6	2.0	4.0	360	1500	120	490
5520	NEAR ASSAM ENGINEERING COLLEGE, JALUKBARI	5.1	9.7	6.8	7.8	2.6	5.8	620	1100	210	490
5521	NEAR AZARA RAILWAY STATION, GANAKPARA CHAKARDOI	5.1	9.6	6.6	8.0	3.5	5.8	2	1500	2	490
5522	AT THE CENTER OF DEEPORBEEL	5.6	10.4	7.0	9.2	5.0	6.0	2	730	2	240

Table 2: Water Quality Data of Deepor Beel in Assam Monitored under NWMP-2024

STN Code	Monitoring Location	Dissolved O ₂ (mg/L)		pH		BOD (mg/L)		Fecal Coliform (MPN/100ml)		Total Coliform (MPN/100ml)		Fecal Streptococci (MPN/100ml)	
		Min	Max	Min	Max	Min	Max	Min	Max	Min	Max	Min	Max
1529	DEEPOR BEEL NEAR DHARAPUR CHARIALI, GUWAHATI, ASSAM	4.2	10.6	6.9	7.9	5	5.8	360	940	910	2000	120	290
2218	DEEPAR BEEL AT BORAGAON NEAR IASST, GUWAHATI, ASSAM	4.7	10.2	6.9	8	5.2	6	300	730	720	1500	120	240
5517	NEAR VIEW POINT BIRD WATCHING TOWER OF THE DEEPOR BEL	5.9	10.6	6.8	9.9	4.6	5.8	360	1100	910	2000	120	290
5518	NEAR PICNIC SPOT, 200 MTR FROM THE RAILWAY BRIDGE, EAST SIDE OF THE DEEPORBEEL	5.7	10.8	6.8	9.9	4.8	5.8	600	920	1100	2000	210	290
5519	AT HOWRAPARA, KHANAMUKH BEFORE MIXING WITH KHANAMUKHJAAN	3	10.1	7	7.8	4.2	5.8	600	730	1100	2000	210	240
5520	NEAR ASSAM ENGINEERING COLLEGE, JALUKBARI	5	10.5	6.9	7.7	4.6	5.6	360	730	910	1600	95	240
5521	NEAR AZARA RAILWAY STATION, GANAKPARA CHAKARDOI	3.3	10	6.4	8.8	5	5.6	360	730	730	1600	120	240
5522	AT THE CENTER OF DEEPORBEEL	5.6	10.5	6.6	9.9	5	5.8	300	730	720	1500	95	210

Also, CPCB vide letter dated 06.01.2025 requested all SPCBs/ PCCs including Assam Pollution Control Board to identify the potential sources of pollution at the non-complying locations for remedial actions. Copy of the letter is attached as **Annexure – I**.



5. That, in light of the above submission, it is respectfully submitted that this Answering respondent i.e. CPCB, shall abide by any order(s) or direction(s) passed by this Hon'ble tribunal in the instant Original Application.

Shantanu MIE

(Dr. Shantanu Kumar Dutta)
Scientist 'E' & RD Shillong
Central Pollution Control Board

Dr. Shantanu Kr. Dutta
Regional Director
Central Pollution Control Board
(Ministry of Environment, Forest & Climate Change, Govt. of India)
Regional Directorate - Shillong
BSNL NE - 1 Telecom Circle, CTO Building, Shillong-793001



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AFFIDAVIT

I Shantanu Kumar Dutta, Son of Late Lalit Chandra Dutta, aged 53 years, having office at the Regional Directorate Shillong, Central Pollution Control Board (CPCB), BSNL CTO-Building, Shillong do hereby solemnly affirm and sincerely state as follows: -

1. That the deponent is authorized representative to represent the Respondent CPCB in the present case, and as such, I am well conversant with the facts and circumstances of the present case on the basis of the information derived from the official records, and hence, I am competent and authorized to verify, sign and swear this affidavit on behalf of the Respondent CPCB.
2. That the accompanying reply may be read part and parcel of the present affidavit as I am competent to swear this affidavit.
3. That the accompanying reply has been drafted and filed under my instructions and authority the contents thereof are true and correct on the basis of the record maintained during ordinary course of business of CPCB and available records and documents and the contents of the same are read over and explained to me and are not repeated herein for the sake of brevity.

IDENTIFIED BY ME

ADVOCATE

Shantanu Dutta

DEPONENT

Dr. Shantanu Kr. Dutta
Regional Director
Central Pollution Control Board
(Ministry of Environment, Forest & Climate Change, Govt. of India)
Regional Directorate - Shillong
BSNL NE - 1 Telecom Circle, CTO Building, Shillong-793001



VERIFICATION

Verified at Shillong on this day of 18th July, 2025 that the contents of the above reply are correct and true on the basis of the record of the cases as mentioned in the day-to-day affairs of the CPCB. Nothing has been concealed therefrom or mis-stated.

Verified at Shillong on this the 18th Day of July, 2025.

IDENTIFIED BY ME

Shantanu Kr. Dutta

DEPONENT

ADVOCATE

Dr. Shantanu Kr. Dutta
Regional Director
Central Pollution Control Board
(Ministry of Environment, Forest & Climate Change, Govt. of India)
Regional Directorate - Shillong
BSNL NE - 1 Telecom Circle, CTO Building, Shillong-793001



SELARSA LYNGWA
NOTARY
East Khasi Hills District
Government of Meghalaya



केन्द्रीय प्रदूषण नियंत्रण बोर्ड
CENTRAL POLLUTION CONTROL BOARD
पर्यावरण, वन एवं जलवायु परिवर्तन मंत्रालय, भारत सरकार.
MINISTRY OF ENVIRONMENT, FOREST & CLIMATE CHANGE, GOVT. OF INDIA.

Speed Post/E-mail

F. No. A-14011/1/2025/WQM-I / 0 /

6/1/2025

To

**The Member Secretary
Pollution Control Board Assam
Bamunimaidam, Guwahati - 21 (Assam)
E-mail: membersecretary@pcbassam.org**

Subject: Review of water quality data of Lake, Tank, Pond submitted under National Water Quality Monitoring Programme (NWMP), regarding.

Sir,

CPCB periodically review water quality data of aquatic resources monitored under National Water Quality Monitoring Programme (NWMP). In continuation, water quality data of stagnant water bodies viz. lakes, tanks, and ponds for the year 2023 for critical parameters such as DO, pH, BOD, FC & FS are compared with Primary Water Quality Criteria for Outdoor Bathing notified under the E(P) Rules, 1986 and observed that some of the monitoring locations at lakes, tanks & ponds require attention. Location -wise details are attached as Annexure for information and record.

In view of the above, it is requested to identify the sources of pollution specially at the non-complying locations and may take concerted efforts for improvement of water quality.

Yours faithfully

(Vishal Gandhi)
Scientist E, WQM-I Division

Encl: As above

‘परिवेश भवन’ पूर्वी अर्जुन नगर, दिल्ली - 110032.

Parivesh Bhawan, East Arjun Nagar, Delhi - 110 032.

दूरभाष /Tel : 43102030, 22305792, वेबसाइट/Website: www.cpcb.nic.in

ASSAM: COMPLIANCE STATUS OF WATER QUALITY DATA OF LAKE, POND & TANK MONITORED UNDER NWMP DURING THE YEAR 2023

STN Code	Monitoring Location	Type Water Body	State Name	Dissolved Oxygen (mg/L)		pH		BOD (mg/L)		Fecal Coliform (MPN/100ml)		Fecal Streptococci (MPN/100ml)		Compliance Status
				Min	Max	Min	Max	Min	Max	Min	Max	Min	Max	
2207	BOR BEEL AT JAKAI, ASSAM	LAKE	ASSAM	4.3	6.8	6.9	7.3	2.0	2.8	300	720	95	240	Non-Complying
3789	BORDOIBAM BEELMUKH BIRD SANCTUARY, DHEMAJI	LAKE	ASSAM	5.0	8.4	7.0	7.7	2.0	2.6	300	720	95	240	Complying
3820	BORSOLA BEEL, SARABHATTI, GUWAHATI	LAKE	ASSAM	0.3	1.1	6.8	7.3	15.2	26.0	2700	2900	460	490	Non-Complying
2220	CHAND DUBI BEEL, CHAND DUBI, ASSAM	LAKE	ASSAM	5.3	8.8	6.8	7.5	2.1	2.7	300	920	95	290	Complying
5618	Chatla Lake,Cachar	LAKE	ASSAM	5.5	6.1	6.8	7.3	2.1	2.7	300	720	95	240	Complying
2206	DALONI BEEL NEAR JOGIGHOPA, ASSAM	LAKE	ASSAM	5.1	5.7	7.0	7.5	2.0	2.7	300	360	95	160	Complying
1529	DEEPOR BEEL NEAR DHARAPUR CHARIALI, GUWAHATI, ASSAM	LAKE	ASSAM	5.1	10.8	6.8	8.5	5.0	5.8	360	930	95	290	Non-Complying
2218	DEEPAR BEEL AT BORAGAON NEAR IASST, GUWAHATI, ASSAM	LAKE	ASSAM	4.1	10.5	6.8	9.0	4.9	8.0	2	730	2	240	Non-Complying
5517	Near view point Bird watching Tower of the Deepor Bel	LAKE	ASSAM	5.3	10.3	7.1	9.2	4.0	8.2	2	730	2	240	Non-Complying
5518	Near picnic spot, 200 mtr from the railway bridge, East Side of the DeeporBeel	LAKE	ASSAM	5.1	10.5	7.1	8.9	5.0	6.2	2	1100	2	490	Non-Complying
5519	At Howrapara, Khanamukh before mixing with Khanamukhjaan	LAKE	ASSAM	5.3	9.5	7.0	7.6	2.0	4.0	360	1500	120	490	Non-Complying
5520	Near Assam Engineering College,Jalukbari	LAKE	ASSAM	5.1	9.7	6.8	7.8	2.6	5.8	620	1100	210	490	Non-Complying
5521	Near Azara Railway Station, Ganakpara Chakardoi	LAKE	ASSAM	5.1	9.6	6.6	8.0	3.5	5.8	2	1500	2	490	Non-Complying
5522	At the center of DeeporBeel	LAKE	ASSAM	5.6	10.4	7.0	9.2	5.0	6.0	2	730	2	240	Non-Complying
3821	DIPLAI BEEL AT SILGARA, KOKRAJHAR	LAKE	ASSAM	5.2	5.6	7.0	7.6	1.9	2.5	300	360	95	150	Complying
5619	Doloo lake at cachar	LAKE	ASSAM	5.1	5.5	6.8	7.4	2.3	5.5	300	620	95	290	Non-Complying
1263	ELANGABEEL SYSTEM (CONNECTED TO R. KOLONG), ASSAM	LAKE	ASSAM	4.3	5.5	7.0	7.5	2.3	2.8	300	730	95	240	Non-Complying
5623	Haflong Lake, Haflong Town	LAKE	ASSAM	5.1	5.8	6.8	7.2	2.2	2.6	300	360	95	150	Complying
3787	HOLUDUNGA BEEL NEAR GAI NADI/ RIVER AT SOMARAJAN, DHEMAJI	LAKE	ASSAM	4.5	7.8	6.9	7.3	2.0	2.6	300	620	95	210	Non-Complying
5617	Jugibeel , Golaghat	LAKE	ASSAM	5.0	8.0	6.8	7.7	2.0	2.6	300	360	95	150	Complying
4337	KAMALABARI LAKE INSIDE KAMALABARI CHILDREN,S PARK, GELEKY	LAKE	ASSAM	5.1	7.4	6.6	7.5	1.9	2.5	300	360	110	140	Complying
3812	KAMALPUR BEEL, KAMALPUR	LAKE	ASSAM	0.3	6.2	7.1	7.7	21.0	26.2	720	2100	210	490	Non-Complying
5621	Laukhowabeel,Dhubri	LAKE	ASSAM	5.0	5.6	7.0	7.5	2.1	2.6	300	720	95	210	Complying
3783	MAGURI BEEL, GUIJAN, TINSUKIA	LAKE	ASSAM	5.1	9.7	6.6	7.2	1.9	2.7	300	620	95	210	Complying

ASSAM: COMPLIANCE STATUS OF WATER QUALITY DATA OF LAKE, POND & TANK MONITORED UNDER NWMP DURING THE YEAR 2023

STN Code	Monitoring Location	Type Water Body	State Name	Dissolved Oxygen (mg/L)		pH		BOD (mg/L)		Fecal Coliform (MPN/100ml)		Fecal Streptococci (MPN/100ml)		Compliance Status
				Min	Max	Min	Max	Min	Max	Min	Max	Min	Max	
5622	Maguri beel Near Bridge,Tinsukia	LAKE	ASSAM	5.0	9.5	6.7	8.0	1.8	2.7	300	360	93	160	Complying
3800	MALINI BEEL NEAR INDUSTRIAL AREA AT RAMNAGAR	LAKE	ASSAM	4.0	5.5	6.5	7.3	2.1	2.7	300	600	95	210	Non-Complying
2205	MER BEEL AT MADHABPUR, ASSAM	LAKE	ASSAM	5.0	7.1	6.8	7.3	2.0	2.4	300	620	95	210	Complying
5620	Panidihing Bird Sanctuary ,Sivasagar	LAKE	ASSAM	5.1	6.1	6.8	7.4	2.0	2.4	730	910	180	340	Complying
3808	PARASHALI BEEL AT DEMORIA	LAKE	ASSAM	5.0	7.2	7.0	7.5	2.0	2.7	300	610	95	210	Complying
3798	SAMAGURI BEEL IN NAGAON DISTRICT	LAKE	ASSAM	4.9	5.9	6.8	7.3	2.0	2.5	300	620	95	210	Non-Complying
2215	SARAN BEEL, ASSAM	LAKE	ASSAM	5.3	9.3	6.8	8.0	1.8	2.5	300	360	93	150	Complying
3814	SILSAKO BEEL, CHACHAL, GUWAHATI	LAKE	ASSAM	0.3	4.6	7.0	7.5	10.6	19.2	1500	2800	460	490	Non-Complying
3804	SON BEEL WATER AT KARIMGANJ	LAKE	ASSAM	4.5	6.9	6.8	7.3	2.0	2.8	300	620	95	210	Non-Complying
3819	SORU SOLA BEEL, PALTAN BAZAR, GUWAHATI	LAKE	ASSAM	0.3	1.1	7.0	7.5	14.6	25.8	2800	3600	460	490	Non-Complying
2225	BASKANDI POND INSIDE THE BASKANDI MADRASA, BASKANDI, ASSAM	POND	ASSAM	4.1	5.6	6.8	7.3	2.0	2.9	300	620	95	210	Non-Complying
2214	BATODRAWA SATRA POND, NAGAON, ASSAM	POND	ASSAM	5.0	7.6	6.7	7.8	1.8	2.7	300	360	95	240	Complying
2219	BISHNU PUSKAR PUKHURI OF HAYAGRIB MADHAB TEMPLE, HAJO, ASSAM	POND	ASSAM	6.1	10.9	6.8	7.8	2.0	2.6	300	730	93	210	Complying
2208	BORPUKHURI, NAZIRA, ASSAM	POND	ASSAM	5.2	7.9	6.8	7.5	1.9	2.8	300	360	110	140	Complying
3772	BORPUKHURI AT SONARI	POND	ASSAM	5.1	8.4	6.8	7.8	2.1	2.8	300	360	110	140	Complying
2216	DIGHALI PUKHURI, GUWAHATI, ASSAM	POND	ASSAM	5.1	10.0	7.9	8.2	2.3	2.8	360	730	120	290	Complying
2221	GANGA PUKHURI, NALBARI (GORDON SCHOOL), ASSAM	POND	ASSAM	5.4	10.1	7.0	7.9	2.0	2.6	300	360	95	160	Complying
2209	GAURISAGAR TANK, GAURISAGAR, ASSAM	POND	ASSAM	5.0	7.5	6.7	7.5	1.6	2.7	360	910	110	340	Complying
2212	GOPHUR TANK, GOPHUR, ASSAM	POND	ASSAM	6.8	7.3	6.8	7.6	2.0	2.7	300	620	95	210	Complying
2227	HARDOI PUKHURI, CHARAIDEW, ASSAM	POND	ASSAM	5.7	8.1	6.7	7.5	2.0	2.8	300	730	110	280	Complying
2213	JAIPAL PUKHURI, SIPAJHAR, ASSAM	POND	ASSAM	7.0	7.3	6.8	7.5	2.0	2.5	300	920	95	290	Complying
1532	JAYSAGAR TANK, SIVASAGAR, ASSAM	POND	ASSAM	5.1	7.6	6.9	7.6	1.8	2.6	300	360	110	140	Complying
3809	JORPUKHURI AT UZANBAZAR (UGRATALA TEMPLE)	POND	ASSAM	5.0	7.7	6.9	7.8	2.1	2.8	300	940	95	290	Complying
2223	MAHAMAYA MANDIR PUKHURI, ASSAM	POND	ASSAM	5.0	5.4	6.9	7.6	1.8	2.5	300	620	95	210	Complying
4006	NETAI PUKHURI AT NETAI PUKHURI	POND	ASSAM	5.6	7.6	6.7	7.4	2.1	2.6	300	360	100	140	Complying
2211	PADUMPUKHURI, TEZPUR, ASSAM	POND	ASSAM	6.8	7.2	6.9	7.6	2.2	2.7	300	730	95	240	Complying

ASSAM: COMPLIANCE STATUS OF WATER QUALITY DATA OF LAKE, POND & TANK MONITORED UNDER NWMP DURING THE YEAR 2023

STN Code	Monitoring Location	Type Water Body	State Name	Dissolved Oxygen (mg/L)		pH		BOD (mg/L)		Fecal Coliform (MPN/100ml)		Fecal Streptococci (MPN/100ml)		Compliance Status
				Min	Max	Min	Max	Min	Max	Min	Max	Min	Max	
2222	RAJADINIA PUKHURI AT ABHAYAPURI, ASSAM	POND	ASSAM	5.1	5.4	6.9	7.5	2.0	2.5	300	620	93	210	Complying
2224	RAJAPUKHURI AT GAURIPUR, ASSAM	POND	ASSAM	5.0	5.5	6.9	7.4	2.0	2.6	300	620	95	240	Complying
2210	RAJMAW PUKHURI, JORHAT, ASSAM	POND	ASSAM	5.3	7.9	6.9	7.9	2.0	2.7	300	730	110	270	Complying
3806	POND WATER FROM RAMKRISHNA MISSION AT HAILAKANDI	POND	ASSAM	5.1	6.2	6.5	7.2	2.3	2.9	300	620	95	210	Complying
2226	SIVASAGAR TANK (BORPUKHURI) NEAR SIVADOL, ASSAM	POND	ASSAM	5.2	7.9	6.8	7.6	2.0	2.8	300	360	100	1100	Non-Complying
2217	SUBHAGYA KUNDA POND KAMAKHYA TEMPLE, GUWAHATI, ASSAM	POND	ASSAM	5.0	8.5	6.8	7.6	2.2	2.8	300	910	95	290	Complying
3775	TENGA PUKHURI AT TENGAPUKHURI	POND	ASSAM	5.2	8.1	6.6	7.7	1.9	2.5	300	730	110	280	Complying
4334	THOWRADOLE PUKHURI, THOWRADOLE G.P. DEMOW BLOCK	POND	ASSAM	5.0	7.8	6.6	7.4	2.0	2.6	300	360	110	140	Complying