

**BEFORE THE NATIONAL GREEN TRIBUNAL,
EASTERN ZONE BENCH, KOLKATA**

Original Application No. 99 of 2025/EZ

In the Matter of:

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

INDEX

Sl. No.	Particulars	Annexure	Page Nos
1.	Affidavit in Reply		1 to 3
2.	Letter addressed to the Commissioner GMC,	I	4
3.	Water Quality testing report	II	5 to 17
4.	Minutes of Meeting held with Stakeholders	III	18 to 19
5	Request letter to the Spl Chief Secretary Govt. of Assam requesting to instruct all the concerned DCs for assistance in the field work	IV	20.

Filed by:

Malabika Roy Dey
Malabika Roy Dey, Advocate

Standing Counsel, State of Assam

E-mail: mrdey@rediffmail.com

Mobile: 9051634204

**BEFORE THE NATIONAL GREEN TRIBUNAL,
EASTERN ZONE BENCH, KOLKATA**

Original Application No. 99 of 2025/EZ

In the Matter of:

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

Affidavit in Reply on behalf of the Respondent No.4

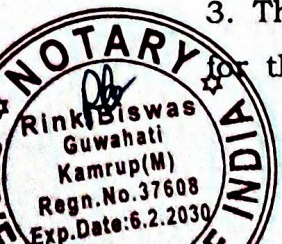
I, Shri S. P. Vashishth, son of Sh. K. P. Sharma, aged about 59 years, by faith Hindu, by occupation Indian Forest Service, residing at:-Guwahati, Assam do hereby solemnly affirm and state as follows:

1. That I am the Member Secretary, Assam State Wetland Authority, O/o the PCCF & HoFF, Assam, Aranya Bhawan, Panjabari, Guwahati -781037, Assam in the State of Assam and as such I am fully conversant with the facts and circumstances of the case.

2. That I have received the notice and copy of the above-mentioned Original application, as well as the orders dated 06.05.25 and 21.07.25 & 15.01.2026 of the Hon'ble National Green Tribunal, Principal Bench as well as of the Eastern Zone Bench, have gone through the same and understood the contents made therein.

3. That I will traverse only through those portions which are relevant for the present purpose, as well as for which the clarifications are

S. P. Vashishth
Member Secretary
Assam State Wetland Authority



sought for. The portions of Original application, not replied to shall not be treated as to be my admission.

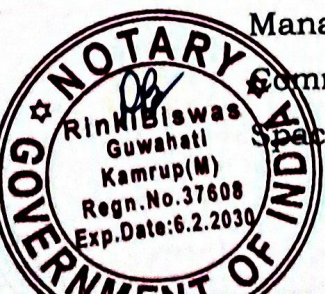
4. Vide letter No.FDG.402/ASWA/O.A No.99/2025/EZ dated 13-03-2026, the office of PCCF & HoFF, Assam has requested the Commissioner, Guwahati Municipal Corporation, for immediate stoppage of dumping of solid waste at Boragaon dumping site located in the catchment of Deepor Beel and find an alternate location for dumping site outside the catchment area of the Deepor Beel(*Copy of letter dated 13.3.2026 is annexed as Annexure - I*).

5. The Pollution Control Board of Assam, at the request of Assam Forest Department, has taken water samples from 10 different locations of the Deepor Beel and submitted water analysis report dated 09.03.2026 for parameters such as, pH, Dissolved Oxygen and BOD. The three parameters are within the acceptable limits. A copy of the water sample analysis report dated 09.03.2026 of PCBA is annexed as **Annexure-II**.

6. A meeting was held on 17-03-2026 under the chairmanship of PCCF & HoFF(Assam) at Aranya Bhawan, with the concerned stakeholders on Mapping, Ground Truthing and Boundary Demarcation of wetlands located outside Forest and Wildlife Areas. The Minutes of the meeting along with actionable points are enclosed as **Annexure-III**.

7. Vide PCCF & HoFF(Assam) office letter dated 09.3.2026, the Special Chief Secretary to the Govt. of Assam, EF&CC Department has been requested to take up the matter with Revenue & Disaster Management Department to communicate to all the concerned District Commissioners to render necessary assistance to the Assam State Space Application Centre (ASSAC) during the mapping and boundary

Dr. Anshu
Member Secretary
Assam State Wetland Authority



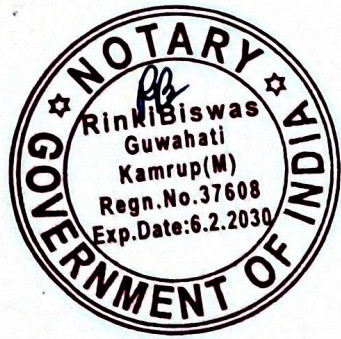
demarcation of 38 ecologically significant wetlands (Deepor Beel is one of them) selected for phase-I (**Annexure-IV**).

8. That the statements made out in the foregoing paragraphs are true to the best of my knowledge and belief and also based on records and the same are also my respectful submissions before this Hon'ble Court and that I have not suppressed any material facts.

Prakash
Member Secretary
Assam State Wetland Authority
Deponent

Solemnly affirmed before me this day.
I certify that I read over and explained
the contents to the declared and that
the declarant seemed perfectly to
understand them

Identified by
Rinki Biswas
Advocate
Enrolment No. 969 of 1999-2000



RB
Rinki Biswas
NOTARY
GOVT. OF INDIA
Guwahati, Kamrup (M)
Regn. No. 37608

Annexure - I

GOVERNMENT OF ASSAM
ASSAM STATE WETLANDS AUTHORITY
OFFICE OF THE PRINCIPAL CHIEF CONSERVATOR OF FORESTS & HEAD OF
FOREST FORCE, ASSAM
ARANYA BHAWAN, PANJABARI, GUWAHATI-781037

Letter No. FDG.402/ASWA/O.A No.99/2025/EZ

Date:13-03-2026

To

The Commisioner,
Guwahati Municipal Corporation,
Ganeshguri, Dispur,
Guwahati-781006

Sub: Immediate stoppage of dumping of solid waste at Boragaon dumping site located in the catchment of Deepor Beel.

Ref: NGT Case No. 99/2025/EZ (Earlier O.A No.219/2025/PB) dated 15-01-2026
Sir,

With reference to the subject cited above, I am directed to inform you that it has come to notice of this office that solid waste continues to be dumped at Boragaon landfill site located in the catchment of Deepor Beel, which is a Ramsar Site (a wetland of international importance). The leachate generated from the landfill site during rainfall flows into the Deepor Beel and adversely impacts the ecological health of the wetland.

NGT vide Case No.99/2025/EZ (Earlier O.A No.219/2025/PB), *suo motu*, has taken cognisance of the location of aforesaid landfill site and its harmful impact on ecological health of Deepor Beel.

It is, therefore, requested to you to immediately stop the dumping solid waste at Boragaon landfill site and find an alternative location for dumping site outside the catchment area of Deepor Beel in the larger interest of conservation and management of Deepor Beel and the fringe Communities which are dependent on the said *beel* for their livelihood.

This has the approval of the Principal Chief Conservator of Forests & Head of Forest Force, Assam.

Yours faithfully,


(K.K. Deuri, IFS)

Deputy Conservator of Forests (PO-II)
O/o the Principal Chief Conservator of Forests
AranyaBhawan, Panjabari, Guwahati-37



Assam Pollution Control Board
Central Laboratory, Bamunimaidam, Guwahati

অসম প্ৰদূষণ নিয়ন্ত্ৰণ পৰিষদ
কেন্দ্ৰীয় পৰীক্ষাগাৰ, বামুনীমৈদাম, গুৱাহাটী



No. LAB-13014/1/2025-LAB-PCBA/77

Dated Guwahati, the 9th March, 2026

To

The Divisional Forest Officer,
Guwahati Wildlife Division,
Basistha, Guwahati-29

Sub: Submission of Analysis Report of water samples collected from various locations of Deepor Beel Wildlife Sanctuary, Basistha, Guwahati -29.

Ref: Your letter No. B/GWL/17 (Pt-IV)/Deepor Beel WLS/2026/328 dtd. 10-02-2026.

Sir,

With reference to the above, please find enclosed herewith the analysis report of the water samples collected from various locations of Deepor Beel Wildlife Sanctuary, Basistha, Guwahati -29, bearing sample IDs: **GW-1/26 to GW-12/26**, for your needful.

Thanking you.

Yours sincerely,

Encl: As stated

**Digitally signed by
Gautam Kr Misra
Date: 09-03-2026
12:15:41**

Chief Env. Scientist

Memo No LAB-13014/1/2025-LAB-PCBA/77-A

Dated Guwahati, the 9th March, 2026

Copy to:

1. The Member Secretary, APCB, for favour of kind information.
2. P.A to the Chairman, APCB, for kind appraisal of the Hon'ble Chairman.

**(e-signed)
Chief Env. Scientist**



Assam Pollution Control Board

(Department of Environment, Forest & Climate Change, Govt. of Assam)



271
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অসম প্ৰদূষণ নিয়ন্ত্ৰণ পৰিষদ

(অসম চৰকাৰৰ বন, পৰিবেশ আৰু জলবায়ু পৰিৱৰ্তন বিভাগ)

NABL Accredited Testing Laboratory : Certificate No. TC-166

Test Report



REPORT NO.	GW-1/26	PAGE	1 of 1
DATE OF ISSUE	05/03/2026	SERVICE REQUEST DATE	16/02/2026
SERVICE REQUEST NO	No B/GWL/17(Part-IV)-Deepar Beel/WLS/2026/328	SAMPLE RECEIVED ON	16/02/2026
NAME & ADDRESS OF CUSTOMER	SAMPLE DETAILS		
Divisional Forest Officer Guwahati Wild Life Division Basistha, Guwahati-29	Description: Grab sample Sampling done by: R. Bordoloi, ES& D.Borah, Sc.Asstt. Date of sampling: 16/02/2026 Sampling location: Water from Deepar Beel near Watch Tower Camp(at surface) Lat:26.113679° Long:91.655356° Sampling protocol: PCBA/LAB/W&WW/SOP/02 Packing: Plastic container Marking: Labelled Quantity: 4.5 Liter Analysis start date: 17/02/2026 Analysis end date: 27/02/2026		


Sl. No	Parameters	Unit	Results	Water Quality Criteria (Class D)	Test Method
1	pH @ 25°C	-	6.7	6.5-8.5	APHA, 24 th Edition, 4500-H ⁺ B: 2023
2	Electrical Conductivity	µS/cm	490	-	APHA, 24 th Edition, 2510-B: 2023
3	Turbidity	NTU	19	-	APHA, 24 th Edition, 2130-B: 2023
4	Free Ammonia	mg/L	Nil	1.2or less	APHA, 24 th Edition, 4500-NH ₃ -E: 2023
5	Residual Chlorine	mg/L	Nil	-	APHA, 24 th Edition, 4500-Cl ₂ : 2023
6	Total Dissolved Solids (TDS)	mg/L	286	-	APHA, 24 th Edition, 2540-C: 2023
7	Total Alkalinity as CaCO ₃	mg/L	104	-	APHA, 24 th Edition, 2320-B: 2023
8	Total Hardness as CaCO ₃	mg/L	94	-	APHA, 24 th Edition, 2340-C: 2023
9	Sulphate as SO ₄	mg/L	14.2	-	APHA, 24 th Edition, 4500-SO ₄ ²⁻ -E: 2023
10	Nitrate as NO ₃	mg/L	2.6	-	APHA, 24 th Edition, 4500-NO ₃ ⁻ -C: 2023
11	Phosphate as PO ₄	mg/L	1.7	-	APHA, 24 th Edition, 4500-PC: 2023
12	Dissolved Oxygen	mg/L	6.0	5 or more	IS 3025 (Part 38):1989, Reaffirmed:2003
13	BOD (3 days at 27 C)	mg/L	5.0	-	IS 3025 (Part 44):2023
14	COD	mg/L	32.0	-	IS 3025 (Part 58): 2023
15	Lead as Pb	mg/L	BDL	-	APHA, 24 th Edition, 3111-B: 2023
16	Zinc as Zn	mg/L	BDL	-	APHA, 24 th Edition, 3111-B: 2023
17	Chromium as Cr(T)	mg/L	BDL	-	APHA, 24 th Edition, 3111-B: 2023
18	Total Coliform	MPN/100 ml	789	-	APHA, 24 th Edition, 9221-B: 2023
19	Faecal Coliform	MPN/100 ml	450	-	APHA, 24 th Edition, 9221-E: 2023

BDL: Below detectable limit

End of Report

Note:

1. The results given above are related to the tested sample, for various parameters as analyzed. The customer asked for the above tests only.
2. This test will not be generated again, either wholly or in part, without written permission of the laboratory.
3. The samples will be disposed-off after Fifteen days from the date of issue of test report, unless until specified/ requested by the customer.
4. For any further query related to analysis results please contact QM, PCBA, Central Laboratory.
5. This test report cannot be reproduced except with the permission of the laboratory.


(R Chowdhury)
Sr. Env. Scientist
Checked By


(G. K. Misra)
Chief Env. Scientist

Head Office: Bamunimaidam, Guwahati - 781021, Assam, India.

Phone: 0361-2652774 & 2550258; Website: www.pcbassam.org; E-mail: membersecretary@pcbassam.org



Assam Pollution Control Board

(Department of Environment, Forest & Climate Change, Govt. of Assam)

অসম প্রদূষণ নিয়ন্ত্রণ পৰিষদ

(অসম চৰকাৰৰ বন, পৰিবেশ আৰু জলবায়ু পৰিৱৰ্তন বিভাগ)

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272

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Test Report

REPORT NO.	GW-2/26	PAGE	1 of 1
DATE OF ISSUE	05/03/2026	SERVICE REQUEST DATE	10/02/2026
SERVICE REQUEST NO	No B:GWL/17(Part-IV)/Deepar BeelWLS/2026/328	SAMPLE RECEIVED ON	16/02/2026
NAME & ADDRESS OF CUSTOMER		SAMPLE DETAILS	
Divisional Forest Officer Guwahati Wild Life Division Basistha, Guwahati-29		Description: Grab sample Sampling done by: R. Bordoloi, ES& D.Borah, Sc.Asstt. Date of sampling: 16/02/2026 Sampling location: Water sample from Deepar Beel near Watch Tower Camp(at 3 ft depth) Lat:26.113679° Long:91.655356° Sampling protocol: PCBA/LAB/W&WW/SOP/02 Packing: Plastic container Marking: Labelled Quantity: 4.5 Liter Analysis start date: 17/02/2026 Analysis end date: 27/02/2026	


Sl. No.	Parameters	Unit	Results	Water Quality Criteria (Class D)	Test Method
1	pH @ 25°C	-	6.8	6.5-8.5	APHA, 24 th Edition, 4500-H ⁺ B: 2023
2	Electrical Conductivity	µS/cm	488	-	APHA, 24 th Edition, 2510-B: 2023
3	Turbidity	NTU	27	-	APHA, 24 th Edition, 2130-B: 2023
4	Free Ammonia	mg/L	Nil	1.2 or less	APHA, 24 th Edition, 2130-B: 2023
5	Residual Chlorine	mg/L	Nil	-	APHA, 24 th Edition, 4500-NH ₃ E: 2023
6	Total Dissolved Solids (TDS)	mg/L	290	-	APHA, 24 th Edition, 2540-C: 2023
7	Total Alkalinity as CaCO ₃	mg/L	108	-	APHA, 24 th Edition, 2320-B: 2023
8	Total Hardness as CaCO ₃	mg/L	94	-	APHA, 24 th Edition, 2340-C: 2023
9	Sulphate as SO ₄	mg/L	20.4	-	APHA, 24 th Edition, 4500-SO ₄ ²⁻ E: 2023
10	Nitrate as NO ₃	mg/L	3.0	-	APHA, 24 th Edition, 4500-NO ₃ ⁻ C: 2023
11	Phosphate as PO ₄	mg/L	2.1	-	APHA, 24 th Edition, 4500-PC: 2023
12	Dissolved Oxygen	mg/L	5.4	5 or more	IS 3025 (Part 38):1989, Reaffirmed:2003
13	BOD (3 days at 27°C)	mg/L	5.2	-	IS 3025 (Part 44):2023
14	COD	mg/L	28.2	-	IS 3025 (Part 58): 2023
15	Lead as Pb	mg/L	BDL	-	APHA, 24 th Edition, 3111-B: 2023
16	Zinc as Zn	mg/L	0.08	-	APHA, 24 th Edition, 3111-B: 2023
17	Chromium as Cr(T)	mg/L	BDL	-	APHA, 24 th Edition, 3111-B: 2023
18	Total Coliform	MPN/100 ml	600	-	APHA, 24 th Edition, 9221-B: 2023
19	Faecal Coliform	MPN/100 ml	200	-	APHA, 24 th Edition, 9221-E: 2023


BDL: Below detectable limit

End of Report*

Note:

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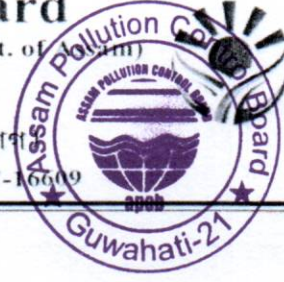
Assam Pollution Control Board

(Department of Environment, Forest & Climate Change, Govt. of Assam)

অসম প্রদূষণ নিয়ন্ত্রণ পৰিষদ

(অসম চৰকাৰৰ বন, পৰিবেশ আৰু জলবায়ু পৰিৱৰ্তন বিভাগ)

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273

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Test Report

REPORT NO.	GW-3/26	PAGE	1 of 1
DATE OF ISSUE	05/03/2026	SERVICE REQUEST DATE	10/02/2026
SERVICE REQUEST NO	No B/GWL/17(Part-IV)/Deepar Beel/WLS/2026/328	SAMPLE RECEIVED ON	16/02/2026
NAME & ADDRESS OF CUSTOMER	SAMPLE DETAILS		
Divisional Forest Officer Guwahati Wild Life Division Basistha, Guwahati-29	Description: Grab sample Sampling done by: R. Bordoloi, ES& D.Borah.Sc.Asstt. Date of sampling: 16/02/2026 Sampling location: Water sample from centre of Deepar Beel (at surface) Lat:26.116262° Long:91.65429° Sampling protocol: PCBA/LAB/W&W/SOP/02 Packing: Plastic container Marking: Labelled Quantity: 4.5 Liter Analysis start date: 17/02/2026 Analysis end date: 27/02/2026		


Sl. No.	Parameters	Unit	Results	Water Quality Criteria (Class D)	Test Method
1	pH @ 25°C	-	7.4	6.5-8.5	APHA, 24 th Edition, 4500-H ⁺ B: 2023
2	Electrical Conductivity	µS/cm	486	-	APHA, 24 th Edition, 2510-B: 2023
3	Turbidity	NTU	12	-	APHA, 24 th Edition, 2130-B: 2023
4	Free Ammonia	mg/L	Nil	1.2or less	APHA, 24 th Edition, 2130-B: 2023
5	Residual Chlorine	mg/L	Nil	-	APHA, 24 th Edition, 4500-NH ₃ E: 2023
6	Total Dissolved Solids (TDS)	mg/L	292	-	APHA, 24 th Edition, 2540-C: 2023
7	Total Alkalinity as CaCO ₃	mg/L	114	-	APHA, 24 th Edition, 2320-B: 2023
8	Total Hardness as CaCO ₃	mg/L	90	-	APHA, 24 th Edition, 2340-C: 2023
9	Sulphate as SO ₄	mg/L	9.6	-	APHA, 24 th Edition, 4500-SO ₄ ²⁻ E: 2023
10	Nitrate as NO ₃	mg/L	7.8	-	APHA, 24 th Edition, 4500-NO ₃ ⁻ C: 2023
11	Phosphate as PO ₄	mg/L	2.6	-	APHA, 24 th Edition, 4500-PC: 2023
12	Dissolved Oxygen	mg/L	8.2	5 or more	IS 3025 (Part 38):1989, Reaffirmed:2003
13	BOD (3 days at 27 C)	mg/L	5.0	-	IS 3025 (Part 44):2023
14	COD	mg/L	36.4	-	IS 3025 (Part 58): 2023
15	Lead as Pb	mg/L	BDL	-	APHA, 24 th Edition, 3111-B: 2023
16	Zinc as Zn	mg/L	0.13	-	APHA, 24 th Edition, 3111-B: 2023
17	Chromium as Cr(T)	mg/L	BDL	-	APHA, 24 th Edition, 3111-B: 2023
18	Total Coliform	MPN/100 ml	1300	-	APHA, 24 th Edition, 9221-B: 2023
19	Faecal Coliform	MPN/100 ml	680	-	APHA, 24 th Edition, 9221-E: 2023

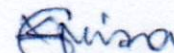
BDL: Below detectable limit

End of Report*

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(R. Chowdhury)
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Assam Pollution Control Board

(Department of Environment, Forest & Climate Change, Govt. of Assam)

অসম প্রদূষণ নিয়ন্ত্রণ পৰিষদ

(অসম চৰকাৰৰ বন, পৰিৱেশ আৰু জলবায়ু পৰিৱৰ্তন বিভাগ)

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274

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Test Report

REPORT NO.	GW-4/26	PAGE	1 of 1
DATE OF ISSUE	05/03/2026	SERVICE REQUEST DATE	10/02/2026
SERVICE REQUEST NO	No.B.GWL/17(Part-IV)/Deepar Beel/WLS/2026/328	SAMPLE RECEIVED ON	16/02/2026
NAME & ADDRESS OF CUSTOMER		SAMPLE DETAILS	
Divisional Forest Officer Guwahati Wild Life Division Basistha, Guwahati-29		Description: Grab sample Sampling done by: R. Bordoloi, ES& D.Borah, Sc.Asstt. Date of sampling: 16/02/2026 Sampling location: Water sample from centre of Deepar Beel (at 3ft depth) Lat:26.116262° Long:91.65429° Sampling protocol: PCBA/LAB/W&WW/SOP/02 Packing: Plastic container Marking: Labelled Quantity: 4.5 Liter Analysis start date: 17/02/2026 Analysis end date: 27/02/2026	


Sl. No.	Parameters	Unit	Results	Water Quality Criteria (Class D)	Test Method
1	pH @ 25°C	-	7.4	6.5-8.5	APHA, 24 th Edition, 4500-H ⁺ B: 2023
2	Electrical Conductivity	µS/cm	506	-	APHA, 24 th Edition, 2510-B: 2023
3	Turbidity	NTU	12.6	-	APHA, 24 th Edition, 2130-B: 2023
4	Free Ammonia	mg/L	Nil	1.2 or less	APHA, 24 th Edition, 2130-B: 2023
5	Residual Chlorine	mg/L	Nil	-	APHA, 24 th Edition, 4500-NH ₃ -E: 2023
6	Total Dissolved Solids (TDS)	mg/L	310	-	APHA, 24 th Edition, 2540-C: 2023
7	Total Alkalinity as CaCO ₃	mg/L	110	-	APHA, 24 th Edition, 2320-B: 2023
8	Total Hardness as CaCO ₃	mg/L	88	-	APHA, 24 th Edition, 2340-C: 2023
9	Sulphate as SO ₄	mg/L	11.2	-	APHA, 24 th Edition, 4500-SO ₄ ²⁻ E: 2023
10	Nitrate as NO ₃	mg/L	8.4	-	APHA, 24 th Edition, 4500-NO ₃ ⁻ C: 2023
11	Phosphate as PO ₄	mg/L	3.3	-	APHA, 24 th Edition, 4500-PC: 2023
12	Dissolved Oxygen	mg/L	8.2	5 or more	IS 3025 (Part 38):1989, Reaffirmed:2003
13	BOD (3 days at 27°C)	mg/L	5.6	-	IS 3025 (Part 44):2023
14	COD	mg/L	38.0	-	IS 3025 (Part 58): 2023
15	Lead as Pb	mg/L	BDL	-	APHA, 24 th Edition, 3111-B: 2023
16	Zinc as Zn	mg/L	0.02	-	APHA, 24 th Edition, 3111-B: 2023
17	Chromium as Cr(T)	mg/L	BDL	-	APHA, 24 th Edition, 3111-B: 2023
18	Total Coliform	MPN/100 ml	Nil	-	APHA, 24 th Edition, 9221-B: 2023
19	Faecal Coliform	MPN/100 ml	Nil	-	APHA, 24 th Edition, 9221-E: 2023


BDL: Below detectable limit

End of Report*

Note:

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Assam Pollution Control Board

(Department of Environment, Forest & Climate Change, Govt. of Assam)

অসম প্রদূষণ নিয়ন্ত্রণ পৰিষদ

(অসম চৰকাৰৰ বন, পৰিৱেশ আৰু জলবায়ু পৰিৱৰ্তন বিভাগ)

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275

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Test Report

REPORT NO.	GW-5/26	PAGE	1 of 1
DATE OF ISSUE	05/03/2026	SERVICE REQUEST DATE	10/02/2026
SERVICE REQUEST NO	No:B/GWL/17(Part-IV)Deepar BeelWLS/2026/328	SAMPLE RECEIVED ON	16/02/2026
NAME & ADDRESS OF CUSTOMER	SAMPLE DETAILS		
Divisional Forest Officer Guwahati Wild Life Division Basistha, Guwahati-29	Description: Grab sample Sampling done by: R. Bordoloi, ES & D.Borah, Sc.Asstt. Date of sampling: 16/02/2026 Sampling location: Water sample from Deepar Beel near Bhangrasthan Mandir (at surface) Lat:26.113265° Long: 91.658988° Sampling protocol: PCBA/LAB/W&WW/SOP/02 Packing: Plastic container Marking: Labelled Quantity: 4.5 Liter Analysis start date: 17/02/2026 Analysis end date: 27/02/2026		


Sl. No.	Parameters	Unit	Results	Water Quality Criteria (Class D)	Test Method
1	pH @ 25°C	-	7.2	6.5-8.5	APHA, 24 th Edition, 4500-H ⁺ B: 2023
2	Electrical Conductivity	µS/cm	488	-	APHA, 24 th Edition, 2510-B: 2023
3	Turbidity	NTU	10.6	-	APHA, 24 th Edition, 2130-B: 2023
4	Free Ammonia	mg/L	Nil	1.2 or less	APHA, 24 th Edition, 2130-B: 2023
5	Residual Chlorine	mg/L	Nil	-	APHA, 24 th Edition, 4500-NH ₃ E: 2023
6	Total Dissolved Solids (TDS)	mg/L	296	-	APHA, 24 th Edition, 2540-C: 2023
7	Total Alkalinity as CaCO ₃	mg/L	96	-	APHA, 24 th Edition, 2320-B: 2023
8	Total Hardness as CaCO ₃	mg/L	108	-	APHA, 24 th Edition, 2340-C: 2023
9	Sulphate as SO ₄	mg/L	11.4	-	APHA, 24 th Edition, 4500-SO ₄ ⁻² E: 2023
10	Nitrate as NO ₃	mg/L	3.5	-	APHA, 24 th Edition, 4500-NO ₃ ⁻ C: 2023
11	Phosphate as PO ₄	mg/L	1.6	-	APHA, 24 th Edition, 4500-PC: 2023
12	Dissolved Oxygen	mg/L	5.6	5 or more	IS 3025 (Part 38):1989, Reaffirmed:2003
13	BOD (3 days at 27°C)	mg/L	5.4	-	IS 3025 (Part 44):2023
14	COD	mg/L	32.6	-	IS 3025 (Part 58): 2023
15	Lead as Pb	mg/L	BDL	-	APHA, 24 th Edition, 3111-B: 2023
16	Zinc as Zn	mg/L	0.02	-	APHA, 24 th Edition, 3111-B: 2023
17	Chromium as Cr(T)	mg/L	BDL	-	APHA, 24 th Edition, 3111-B: 2023
18	Total Coliform	MPN/100 ml	1200	-	APHA, 24 th Edition, 9221-B: 2023
19	Faecal Coliform	MPN/100 ml	610	-	APHA, 24 th Edition, 9221-E: 2023


BDL: Below detectable limit

End of Report*

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অসম প্ৰদূষণ নিয়ন্ত্ৰণ পৰিষদ

(অসম চৰকাৰৰ বন, পৰিৱেশ আৰু জলবায়ু পৰিৱৰ্তন বিভাগ)

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276

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Test Report

REPORT NO.	GW-6/26	PAGE	1 of 1
DATE OF ISSUE	05/03/2026	SERVICE REQUEST DATE	10/02/2026
SERVICE REQUEST NO	No B/GWL/17(Part-IV)/Deepar Beel/WLS/2026/328	SAMPLE RECEIVED ON	16/02/2026
NAME & ADDRESS OF CUSTOMER	SAMPLE DETAILS		
Divisional Forest Officer Guwahati Wild Life Division Basistha, Guwahati-29	Description: Grab sample Sampling done by: R. Bordoloi, ES & D.Borah, Sc. Asstt. Date of sampling: 16/02/2026 Sampling location: Water sample from Deepar Beel near Bhangrasthan Mandir (at 3 ft. depth) Lat:26.113265°, Long: 91.658988° Sampling protocol: PCBA/LAB/W&WW/SOP/02 Packing: Plastic container Marking: Labelled Quantity: 4.5 Liter Analysis start date: 17/02/2026 Analysis end date: 27/02/2026		


Sl. No.	Parameters	Unit	Results	Water Quality Criteria (Class D)	Test Method
1	pH @ 25°C	-	7.1	6.5-8.5	APHA, 24 th Edition, 4500-H ⁺ B: 2023
2	Electrical Conductivity	µS/cm	480	-	APHA, 24 th Edition, 2510-B: 2023
3	Turbidity	NTU	11.5	-	APHA, 24 th Edition, 2130-B: 2023
4	Free Ammonia	mg/L	Nil	1.2 or less	APHA, 24 th Edition, 2130-B: 2023
5	Residual Chlorine	mg/L	Nil	-	APHA, 24 th Edition, 4500-NH ₃ ⁺ E: 2023
6	Total Dissolved Solids (TDS)	mg/L	298	-	APHA, 24 th Edition, 2540-C: 2023
7	Total Alkalinity as CaCO ₃	mg/L	104	-	APHA, 24 th Edition, 2320-B: 2023
8	Total Hardness as CaCO ₃	mg/L	98	-	APHA, 24 th Edition, 2340-C: 2023
9	Sulphate as SO ₄	mg/L	16.2	-	APHA, 24 th Edition, 4500-SO ₄ ²⁻ E: 2023
10	Nitrate as NO ₃	mg/L	4.4	-	APHA, 24 th Edition, 4500-NO ₃ ⁻ C: 2023
11	Phosphate as PO ₄	mg/L	2.8	-	APHA, 24 th Edition, 4500-PC: 2023
12	Dissolved Oxygen	mg/L	5.8	5 or more	IS 3025 (Part 38):1989, Reaffirmed:2003
13	BOD (3 days at 27°C)	mg/L	5.2	-	IS 3025 (Part 44):2023
14	COD	mg/L	36.0	-	IS 3025 (Part 58): 2023
15	Lead as Pb	mg/L	BDL	-	APHA, 24 th Edition, 3111-B: 2023
16	Zinc as Zn	mg/L	0.02	-	APHA, 24 th Edition, 3111-B: 2023
17	Chromium as Cr(T)	mg/L	BDL	-	APHA, 24 th Edition, 3111-B: 2023
18	Total Coliform	MPN/100 ml	610	-	APHA, 24 th Edition, 9221-B: 2023
19	Faecal Coliform	MPN/100 ml	200	-	APHA, 24 th Edition, 9221-E: 2023

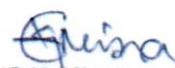
BDL: Below detectable limit

End of Report

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অসম প্ৰদূষণ নিয়ন্ত্ৰণ পৰিষদ

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277
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Test Report

REPORT NO.	GW-7/26	PAGE	1 of 1
DATE OF ISSUE	05/03/2026	SERVICE REQUEST DATE	10/02/2026
SERVICE REQUEST NO	No.B/GWL/17(Part-IV)/Deepar BeelWLS/2026/328	SAMPLE RECEIVED ON	16/02/2026
NAME & ADDRESS OF CUSTOMER	SAMPLE DETAILS		
Divisional Forest Officer Guwahati Wild Life Division Basistha, Guwahati-29	Description: Grab sample Sampling done by: R. Bordoloi, ES & D.Borah, Sc.Asstt. Date of sampling: 16/02/2026 Sampling location: Water sample from Deepar Beel near Mikirpara area (at surface) Lat:26 109173° .Long: 91.632997° Sampling protocol: PCBA/LAB/W&WW/SOP/02 Packing: Plastic container Marking: Labelled Quantity: 4.5 Liter Analysis start date: 17/02/2026 Analysis end date: 27/02/2026		

Sl. No.	Parameters	Unit	Results	Water Quality Criteria (Class D)	Test Method
1	pH @ 25°C	-	7.1	6.5-8.5	APHA, 24 th Edition, 4500-H ⁺ B: 2023
2	Electrical Conductivity	µS/cm	237	-	APHA, 24 th Edition, 2510-B: 2023
3	Turbidity	NTU	18.6	-	APHA, 24 th Edition, 2130-B: 2023
4	Free Ammonia	mg/L	Nil	1.2 or less	APHA, 24 th Edition, 2130-B: 2023
5	Residual Chlorine	mg/L	Nil	-	APHA, 24 th Edition, 4500-NH ₃ E: 2023
6	Total Dissolved Solids (TDS)	mg/L	148	-	APHA, 24 th Edition, 2540-C: 2023
7	Total Alkalinity as CaCO ₃	mg/L	80	-	APHA, 24 th Edition, 2320-B: 2023
8	Total Hardness as CaCO ₃	mg/L	72	-	APHA, 24 th Edition, 2340-C: 2023
9	Sulphate as SO ₄	mg/L	8.9	-	APHA, 24 th Edition, 4500-SO ₄ ²⁻ E: 2023
10	Nitrate as NO ₃	mg/L	2.1	-	APHA, 24 th Edition, 4500-NO ₃ ⁻ C: 2023
11	Phosphate as PO ₄ ³⁻	mg/L	1.5	-	APHA, 24 th Edition, 4500-PC: 2023
12	Dissolved Oxygen	mg/L	8.7	5 or more	IS 3025 (Part 38):1989, Reaffirmed:2003
13	BOD (3 days at 27°C)	mg/L	4.6	-	IS 3025 (Part 44):2023
14	COD	mg/L	20.8	-	IS 3025 (Part 58): 2023
15	Lead as Pb	mg/L	BDL	-	APHA, 24 th Edition, 3111-B: 2023
16	Zinc as Zn	mg/L	BDL	-	APHA, 24 th Edition, 3111-B: 2023
17	Chromium as Cr(T)	mg/L	BDL	-	APHA, 24 th Edition, 3111-B: 2023
18	Total Coliform	MPN/100 ml	1400	-	APHA, 24 th Edition, 9221-B: 2023
19	Faecal Coliform	MPN/100 ml	820	-	APHA, 24 th Edition, 9221-E: 2023

BDL: Below detectable limit

End of Report*

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278
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Test Report

REPORT NO.	GW-8/26	PAGE	1 of 1
DATE OF ISSUE	05/03/2026	SERVICE REQUEST DATE	10/02/2026
SERVICE REQUEST NO	No.B/GWL/17(Part-IV)/Deepar Beel/WLS/2026/328	SAMPLE RECEIVED ON	16/02/2026
NAME & ADDRESS OF CUSTOMER	SAMPLE DETAILS		
Divisional Forest Officer Guwahati Wild Life Division Basistha, Guwahati-29	Description: Grab sample Sampling done by: R. Bordoloi, ES & D.Borah.Sc.Asstt. Date of sampling: 16/02/2026 Sampling location: Water sample from Deepar Beel near Mikirpara area (at 3 ft. depth) Lat:26.109173°, Long: 91.632997° Sampling protocol: PCBA/LAB/W&WW/SOP/02 Packing: Plastic container Marking: Labelled Quantity: 4.5 Liter Analysis start date: 17/02/2026 Analysis end date: 27/02/2026		


Sl. No.	Parameters	Unit	Results	Water Quality Criteria (Class D)	Test Method
1	pH @ 25°C	-	7.0	6.5-8.5	APHA, 24 th Edition, 4500-H ⁺ B: 2023
2	Electrical Conductivity	µS/cm	238	-	APHA, 24 th Edition, 2510-B: 2023
3	Turbidity	NTU	18.0	-	APHA, 24 th Edition, 2130-B: 2023
4	Free Ammonia	mg/L	Nil	1.2 or less	APHA, 24 th Edition, 2130-B: 2023
5	Residual Chlorine	mg/L	Nil	-	APHA, 24 th Edition, 4500-NH ₃ -E: 2023
6	Total Dissolved Solids (TDS)	mg/L	136	-	APHA, 24 th Edition, 2540-C: 2023
7	Total Alkalinity as CaCO ₃	mg/L	78	-	APHA, 24 th Edition, 2320-B: 2023
8	Total Hardness as CaCO ₃	mg/L	60	-	APHA, 24 th Edition, 2340-C: 2023
9	Sulphate as SO ₄	mg/L	9.2	-	APHA, 24 th Edition, 4500-SO ₄ ²⁻ E: 2023
10	Nitrate as NO ₃	mg/L	2.6	-	APHA, 24 th Edition, 4500-NO ₃ ⁻ C: 2023
11	Phosphate as PO ₄	mg/L	1.8	-	APHA, 24 th Edition, 4500-PC: 2023
12	Dissolved Oxygen	mg/L	8.1	5 or more	IS 3025 (Part 38):1989, Reaffirmed:2003
13	BOD (3 days at 27°C)	mg/L	4.8	-	IS 3025 (Part 44):2023
14	COD	mg/L	22.2	-	IS 3025 (Part 58): 2023
15	Lead as Pb	mg/L	BDL	-	APHA, 24 th Edition, 3111-B: 2023
16	Zinc as Zn	mg/L	BDL	-	APHA, 24 th Edition, 3111-B: 2023
17	Chromium as Cr(T)	mg/L	BDL	-	APHA, 24 th Edition, 3111-B: 2023
18	Total Coliform	MPN/100 ml	850	-	APHA, 24 th Edition, 9221-B: 2023
19	Faecal Coliform	MPN/100 ml	200	-	APHA, 24 th Edition, 9221-E: 2023

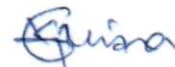
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279
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Test Report

REPORT NO.	GW-9/26	PAGE	1 of 1
DATE OF ISSUE	05/03/2026	SERVICE REQUEST DATE	10/02/2026
SERVICE REQUEST NO	No:B/GWL/17(Part-IV)/Deepar Beel/WLS/2026/328	SAMPLE RECEIVED ON	16/02/2026
NAME & ADDRESS OF CUSTOMER	SAMPLE DETAILS		
Divisional Forest Officer Guwahati Wild Life Division Basistha, Guwahati-29	Description: Grab sample Sampling done by: R. Bordoloi, ES & D.Borah, Sc.Asstt. Date of sampling: 16/02/2026 Sampling location: Water sample from Deepar Beel at western side near Hirapara (at surface) Lat:26.120843 ⁰¹ Long: 91.632122 ⁰¹ Sampling protocol: PCBA/LAB/W&WW/SOP/02 Packing: Plastic container Marking: Labelled Quantity: 4.5 Liter Analysis start date: 17/02/2026 Analysis end date: 27/02/2026		


Sl. No.	Parameters	Unit	Results	Water Quality Criteria (Class D)	Test Method
1	pH @ 25°C	-	7.0	6.5-8.5	APHA, 24 th Edition, 4500-H ⁺ B: 2023
2	Electrical Conductivity	µS/cm	252	-	APHA, 24 th Edition, 2510-B: 2023
3	Turbidity	NTU	17.8	-	APHA, 24 th Edition, 2130-B: 2023
4	Free Ammonia	mg/L	Nil	1.2 or less	APHA, 24 th Edition, 2130-B: 2023
5	Residual Chlorine	mg/L	Nil	-	APHA, 24 th Edition, 4500-NH ₃ -E: 2023
6	Total Dissolved Solids (TDS)	mg/L	148	-	APHA, 24 th Edition, 2540-C: 2023
7	Total Alkalinity as CaCO ₃	mg/L	82	-	APHA, 24 th Edition, 2320-B: 2023
8	Total Hardness as CaCO ₃	mg/L	88	-	APHA, 24 th Edition, 2340-C: 2023
9	Sulphate as SO ₄	mg/L	10.2	-	APHA, 24 th Edition, 4500-SO ₄ ⁻² -E: 2023
10	Nitrate as NO ₃	mg/L	2.8	-	APHA, 24 th Edition, 4500-NO ₃ ⁻ -C: 2023
11	Phosphate as PO ₄	mg/L	1.2	-	APHA, 24 th Edition, 4500-PC: 2023
12	Dissolved Oxygen	mg/L	8.0	5 or more	IS 3025 (Part 38):1989, Reaffirmed:2003
13	BOD (3 days at 27°C)	mg/L	4.4	-	IS 3025 (Part 44):2023
14	COD	mg/L	22.6	-	IS 3025 (Part 58): 2023
15	Lead as Pb	mg/L	BDL	-	APHA, 24 th Edition, 3111-B: 2023
16	Zinc as Zn	mg/L	0.08	-	APHA, 24 th Edition, 3111-B: 2023
17	Chromium as Cr(T)	mg/L	BDL	-	APHA, 24 th Edition, 3111-B: 2023
18	Total Coliform	MPN/100 ml	1200	-	APHA, 24 th Edition, 9221-B: 2023
19	Faecal Coliform	MPN/100 ml	680	-	APHA, 24 th Edition, 9221-E: 2023


BDL: Below detectable limit

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280
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Test Report

REPORT NO.	GW-10/26	PAGE	1 of 1
DATE OF ISSUE	05/03/2026	SERVICE REQUEST DATE	10/02/2026
SERVICE REQUEST NO	No B.GWL/17(Part-IV)-Deepar BeelWLS/2026/328	SAMPLE RECEIVED ON	16/02/2026
NAME & ADDRESS OF CUSTOMER	SAMPLE DETAILS		
Divisional Forest Officer Guwahati Wild Life Division Basistha, Guwahati-29	Description: Grab sample Sampling done by: R. Bordoloi, ES & D.Borah, Sc.Asstt. Date of sampling: 16/02/2026 Sampling location: Water sample Deepar Beel at western side near Hirapara (at 3 ft. depth) Lat:26.120843° Long: 91.632122° Sampling protocol: PCBA/LAB/W&WW/SOP/02 Packing: Plastic container Marking: Labelled Quantity: 4.5 Liter Analysis start date: 17/02/2026 Analysis end date: 27/02/2026		


Sl. No.	Parameters	Unit	Results	Water Quality Criteria (Class D)	Test Method
1	pH @ 25°C	-	6.9	6.5-8.5	APHA, 24 th Edition, 4500-H ⁺ B: 2023
2	Electrical Conductivity	µS/cm	256	-	APHA, 24 th Edition, 2510-B: 2023
3	Turbidity	NTU	17.5	-	APHA, 24 th Edition, 2130-B: 2023
4	Free Ammonia	mg/L	Nil	1.2or less	APHA, 24 th Edition, 2130-B: 2023
5	Residual Chlorine	mg/L	Nil	-	APHA, 24 th Edition, 4500-NH ₃ -E: 2023
6	Total Dissolved Solids (TDS)	mg/L	148	-	APHA, 24 th Edition, 2540-C: 2023
7	Total Alkalinity as CaCO ₃	mg/L	80	-	APHA, 24 th Edition, 2320-B: 2023
8	Total Hardness as CaCO ₃	mg/L	84	-	APHA, 24 th Edition, 2340-C: 2023
9	Sulphate as SO ₄	mg/L	10.4	-	APHA, 24 th Edition, 4500-SO ₄ ⁻² E: 2023
10	Nitrate as NO ₃	mg/L	3.3	-	APHA, 24 th Edition, 4500-NO ₃ ⁻ C: 2023
11	Phosphate as PO ₄	mg/L	2.3	-	APHA, 24 th Edition, 4500-PC: 2023
12	Dissolved Oxygen	mg/L	8.1	5 or more	IS 3025 (Part 38):1989, Reaffirmed:2003
13	BOD (3 days at 27 C)	mg/L	4.6	-	IS 3025 (Part 44):2023
14	COD	mg/L	24.4	-	IS 3025 (Part 58): 2023
15	Lead as Pb	mg/L	BDL	-	APHA, 24 th Edition, 3111-B: 2023
16	Zinc as Zn	mg/L	BDL	-	APHA, 24 th Edition, 3111-B: 2023
17	Chromium as Cr(T)	mg/L	BDL	-	APHA, 24 th Edition, 3111-B: 2023
18	Total Coliform	MPN/100 ml	780	-	APHA, 24 th Edition, 9221-B: 2023
19	Faecal Coliform	MPN/100 ml	200	-	APHA, 24 th Edition, 9221-E: 2023


BDL: Below detectable limit

End of Report

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Sr. Env. Scientist
Checked By


(G.K. Misra)
Chief Env. Scientist

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Assam Pollution Control Board

(Department of Environment, Forest & Climate Change, Govt. of Assam)

অসম প্রদূষণ নিয়ন্ত্রণ পৰিষদ

(অসম চৰকাৰৰ বন, পৰিবেশ আৰু জলবায়ু পৰিৱৰ্তন বিভাগ)

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281

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Lifestyle for Environment



Test Report

REPORT NO.	GW-11/26	PAGE	1 of 1
DATE OF ISSUE	05/03/2026	SERVICE REQUEST DATE	10/02/2026
SERVICE REQUEST NO	No.B/GWL/17(Part-IV)/Deepar Beel/WLS/2026/328	SAMPLE RECEIVED ON	16/02/2026
NAME & ADDRESS OF CUSTOMER	SAMPLE DETAILS		
Divisional Forest Officer Guwahati Wild Life Division Basistha, Guwahati-29	Description: Grab sample Sampling done by: R. Bordoloi, ES & D.Borah, Sc.Asstt. Date of sampling: 16/02/2026 Sampling location: Water sample from northern side of Deepar Beel near Haridex Nagar (at surface) Lat:26.130801° Long: 91.643778° Sampling protocol: PCBA/LAB/W&WW/SOP/02 Packing: Plastic container Marking: Labelled Quantity: 4.5 Liter Analysis start date: 17/02/2026 Analysis end date: 27/02/2026		


Sl. No.	Parameters	Unit	Results	Water Quality Criteria (Class D)	Test Method
1	pH @ 25°C	-	6.9	6.5-8.5	APHA, 24 th Edition, 4500-H ⁺ B: 2023
2	Electrical Conductivity	µS/cm	388	-	APHA, 24 th Edition, 2510-B: 2023
3	Turbidity	NTU	7.2	-	APHA, 24 th Edition, 2130-B: 2023
4	Free Ammonia	mg/L	Nil	1.2 or less	APHA, 24 th Edition, 2130-B: 2023
5	Residual Chlorine	mg/L	Nil	-	APHA, 24 th Edition, 4500-NH ₃ -E: 2023
6	Total Dissolved Solids (TDS)	mg/L	226	-	APHA, 24 th Edition, 2540-C: 2023
7	Total Alkalinity as CaCO ₃	mg/L	110	-	APHA, 24 th Edition, 2320-B: 2023
	Total Hardness as CaCO ₃	mg/L	102	-	APHA, 24 th Edition, 2340-C: 2023
8	Sulphate as SO ₄	mg/L	8.1	-	APHA, 24 th Edition, 4500-SO ₄ ²⁻ E: 2023
9	Nitrate as NO ₃	mg/L	2.8	-	APHA, 24 th Edition, 4500-NO ₃ ⁻ C: 2023
10	Phosphate as PO ₄	mg/L	1.6	-	APHA, 24 th Edition, 4500-PC: 2023
11	Dissolved Oxygen	mg/L	9.9	5 or more	IS 3025 (Part 38):1989, Reaffirmed:2003
12	BOD (3 days at 27°C)	mg/L	5.4	-	IS 3025 (Part 44):2023
13	COD	mg/L	34.4	-	IS 3025 (Part 58): 2023
14	Lead as Pb	mg/L	BDL	-	APHA, 24 th Edition, 3111-B: 2023
15	Zinc as Zn	mg/L	BDL	-	APHA, 24 th Edition, 3111-B: 2023
16	Chromium as Cr(T)	mg/L	BDL	-	APHA, 24 th Edition, 3111-B: 2023
17	Total Coliform	MPN/100 ml	1100	-	APHA, 24 th Edition, 9221-B: 2023
18	Faecal Coliform	MPN/100 ml	680	-	APHA, 24 th Edition, 9221-E: 2023

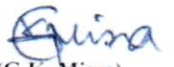
BDL: Below detectable limit

End of Report

Note:

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Assam Pollution Control Board

(Department of Environment, Forest & Climate Change, Govt. of Assam)

অসম প্রদূষণ নিয়ন্ত্রণ পৰিষদ

(অসম চৰকাৰৰ বন, পৰিৱেশ আৰু জলবায়ু পৰিৱৰ্তন বিভাগ)

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282
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Test Report

REPORT NO.	GW-12/26	PAGE	1 of 1
DATE OF ISSUE	05/03/2026	SERVICE REQUEST DATE	10/02/2026
SERVICE REQUEST NO	No B/GWL/17(Part-IV) Deepar BeelWLS/2026/328	SAMPLE RECEIVED ON	16/02/2026
NAME & ADDRESS OF CUSTOMER	SAMPLE DETAILS		
Divisional Forest Officer Guwahati Wild Life Division Basistha, Guwahati-29	Description: Grab sample Sampling done by: R. Bordoloi, ES & D.Borah, Sc.Asstt. Date of sampling: 16/02/2026 Sampling location: Water sample from northern side of Deepar Beel near Haridev Nagar (at 3 ft depth) Lat:26.130801° Long: 91.643778° Sampling protocol: PCBA/LAB/W&WW/SOP/02 Packing: Plastic container Marking: Labelled Quantity: 4.5 Liter Analysis start date: 17/02/2026 Analysis end date: 27/02/2026		


Sl. No.	Parameters	Unit	Results	Water Quality Criteria (Class D)	Test Method
1	pH @ 25°C	-	7.0	6.5-8.5	APHA, 24 th Edition, 4500-H ⁺ B: 2023
2	Electrical Conductivity	µS/cm	389	-	APHA, 24 th Edition, 2510-B: 2023
3	Turbidity	NTU	7.3	-	APHA, 24 th Edition, 2130-B: 2023
4	Free Ammonia	mg/L	Nil	1.2 or less	APHA, 24 th Edition, 2130-B: 2023
5	Residual Chlorine	mg/L	Nil	-	APHA, 24 th Edition, 4500-NH ₃ E: 2023
6	Total Dissolved Solids (TDS)	mg/L	218	-	APHA, 24 th Edition, 2540-C: 2023
7	Total Alkalinity as CaCO ₃	mg/L	102	-	APHA, 24 th Edition, 2320-B: 2023
	Total Hardness as CaCO ₃	mg/L	108	-	APHA, 24 th Edition, 2340-C: 2023
8	Sulphate as SO ₄	mg/L	12.1	-	APHA, 24 th Edition, 4500-SO ₄ ²⁻ E: 2023
9	Nitrate as NO ₃	mg/L	3.2	-	APHA, 24 th Edition, 4500-NO ₃ ⁻ C: 2023
10	Phosphate as PO ₄	mg/L	2.1	-	APHA, 24 th Edition, 4500-PC: 2023
11	Dissolved Oxygen	mg/L	9.4	5 or more	IS 3025 (Part 38):1989, Reaffirmed:2003
12	BOD (3 days at 27 C)	mg/L	5.2	-	IS 3025 (Part 44):2023
13	COD	mg/L	38.0	-	IS 3025 (Part 58): 2023
14	Lead as Pb	mg/L	BDL	-	APHA, 24 th Edition, 3111-B: 2023
15	Zinc as Zn	mg/L	0.02	-	APHA, 24 th Edition, 3111-B: 2023
16	Chromium as Cr(T)	mg/L	BDL	-	APHA, 24 th Edition, 3111-B: 2023
17	Total Coliform	MPN/100 ml	Nil	-	APHA, 24 th Edition, 9221-B: 2023
18	Faecal Coliform	MPN/100 ml	Nil	-	APHA, 24 th Edition, 9221-E: 2023


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MINUTES OF THE MEETING ON MAPPING, GROUND TRUTHING AND DEMARCATION OF WETLANDS LOCATED OUTSIDE FOREST AND WILDLIFE AREAS, HELD ON 17/03/2026, AT 11.00 AM IN THE CONFERENCE HALL OF ARANYA BHAWAN, 2nd FLOOR, PANJABARI, GUWAHATI-781037.

A meeting on Mapping, Ground Truthing and Boundary Demarcation of wetlands located in revenue area (outside Forest & Wildlife areas), was held under the chairmanship of Principal Chief Conservator of Forests & Head of Forest Force, Assam (PCCF & HoFF) on 17-03-2026 at 11.00 AM in the conference hall of Aranya Bhawan.

The list of officers present in the meeting is at Annexure-I.

PCCF & HoFF(Assam), Sh. Sandeep Kumar, IFS welcomed the officials present in the meeting and mentioned that Assam Forest Department is the Nodal Agency for the implementation of Wetlands(Conservation & Management) Rules 2017 formulated by the Govt. of India under the Environment Protection Act., 1986. He stated that since these wetlands are located in the revenue area, the spatial information on these wetlands could be available with other Departments like Director, Land Records and Survey, Department of Fisheries and Director, Town & Country Planning etc. In the first phase, 38 wetlands have been identified for ground truthing and boundary demarcation(list enclosed as Annexure-II). He added that ASSAC has been assigned the task of ground verification and boundary demarcation of these wetlands. He informed that the meeting has been convened to decide how to go about the ground truthing and demarcation of these 38 wetlands in the 1st phase and onboard other Departments in the process.

APCCF (wetlands) mentioned that in the 38 wetlands identified for ground verification and demarcation in 1st phase are situated in the revenue area. After ground verification and demarcation, a formal proposal would be sent to the Govt. of Assam for notification. He added that these wetlands would be conserved and managed on *wise-use principle* and on a sustainable basis. Each wetland would have an integrated management plan containing certain prohibited activities, permissible activities and regulated activities.

The representative from the Directorate of Land Records & Surveys informed that the list of 38 wetlands selected for ground verification and demarcation be shared with them. He added that the digital maps available with the Department may contain broad indication about the revenue village, daag/chitha number of the area wetland is located in, however the ground verification needs to be carried out in the field. The representative agreed to share the said info with the Assam State Space Application Centre (ASSAC).

The Director, ASSAC, made a detailed presentation on the methodology for ground truthing, and boundary demarcation of the wetlands outside forest and wildlife area. It was suggested that other departments such as Revenue Department, Fisheries Department, may be onboarded in the project.

The representative from Directorate of Town and Country Planning informed that the said Deptt has broad categorization of areas based on the land use. However, the exact lat-long, boundary and the area of the wetlands might not be available with them.

The representative of Fisheries Department made a power-point presentation on the demarcation and ground truthing of the wetlands taken up for ADB funded SWIFT project. He added that a few of the 38 wetlands have already been taken up under the aforesaid project and that a few of these wetlands are being taken up by Assam Fisheries Development Corporation.

The representative from Assam PWD, upon being asked on the type of boundary pillars to be used for demarcation of wetlands, mentioned that ASSAC may consider erecting/installing concrete pillars along the sensitive boundaries of these wetlands.

Actionable Points: After discussions, the following actionable points emerged from the meeting:

1. ASSAC will share the shape files of 38 wetlands (water bodies) selected for 1st phase with the Director, Directorate of Land Records and Surveys (DLRS) by 18-03-2026. The Director, Land Records & Surveys will furnish the information available in its domain by 25-03-2026. (Action: ASSAC, DLRS)
2. ASSAC will share the list of 38 wetlands (water bodies) with director of Fisheries, Govt. of Assam by 18-03-2026. The Director of Fisheries (DoF) will further share the said info with Assam Fisheries Development Corporation (AFDC) immediately. The Director of Fisheries and AFDC will provide the information in their domain to ASSAC within one week by 25-03-2026. (Action: ASSAC, DoF, AFDC)
3. The Chief Engineer, Public Works Department (PWD, Building) will provide an estimate on a sample boundary pillar for demarcation of the boundary of the wetlands within a week to ASSAC by 25-03-2026. (Action: APWD)
4. It was also decided that after completion of ground truthing and demarcation of the wetlands, the PWD (Building) Department would be entrusted with task of installation of boundary pillars along the most sensitive sides of the wetlands.

The meeting concluded with a vote of thanks to the Chair.



GOVERNMENT OF ASSAM
ASSAM STATE WETLANDS AUTHORITY
OFFICE OF THE PRINCIPAL CHIEF CONSERVATOR OF FORESTS & HEAD OF
FOREST FORCE, ASSAM
ARANYA BHAWAN, PANJABARI, GUWAHATI-781037

Letter No. FDG.402/ASWA/WP(C)304/2018

Date: 09-03-2026

To

The Special Chief Secretary to the Govt. of Assam,
Environment, Forest & Climate Change Department,
Dispur-06.

Sub: Early Compliance of the Hon'ble Supreme Court Order dated 11-12-2024 in the
matter of WP(C) No.304/2018 (AnandArya vs. Union of India).

Ref: 1.This office letter No.FDG.402/ASWA/WP(C) 304/2018 dated 31-10-2025.

Sir,

I am directed to request you kindly refer this office earlier letter cited above regarding
early compliance of the Hon'ble Supreme Court Order dated 11-12-2024 in the matter of WP(C)
No.304/2018 (Anand Arya vs. Union of India).

In this regard, as all wetlands are located in revenue areas (Outside Forest & Wildlife
Areas), the Revenue Department may be requested to share the information (digital map,
coordinates etc.) on these wetlands with Assam State Space Application Centre (ASSAC).

Further, it is also requested that Revenue & Disaster Management Department may be
requested to communicate the concerned District Commissioner to extend all possible assistance
to ASSAC for the said exercise.

This is for your kind information and necessary action.

Yours faithfully,

(K.K. Deuri, IFS)

Deputy Conservator of Forests (PO-II)
O/o the Principal Chief Conservator of Forests
AranyaBhawan, Panjabari, Guwahati-37

Copy to :

1. The Director, Assam State Space Application Centre (ASSAC) , Bigyan Bhawan , Near
ABC Point, G.S Road, Guwahati-781005.

Deputy Conservator of Forests (PO-II)
O/o the Principal Chief Conservator of Forests
AranyaBhawan, Panjabari, Guwahati-37