

Date: 03/11/23

## Fifteenth Quarterly Progress Report on Wetland Identification and Notification of Wetlands in the State of Goa.



Submitted by: Goa State Wetland Authority (GSWA)

Submitted to: National Green Tribunal (NGT)



परिरक्षणे आर्द्रभूमे: सदा कार्यरता वयम् ।

तेरे संवर्धन में सजग सदा... हे  
आर्द्रभूमि

जतनायेक तुजे सदांच सज्ज... हे  
आर्द्रभुंये

संवर्धनार्थ तुझ्या कटिबद्ध आम्ही... हे  
आर्द्रभूमी

Always striving towards  
conservation of wetlands

# 1929

As directed by The Hon'ble National Green Tribunal (NGT) w.r.t. **OA 141/2017 WZ** in the order **dated 23.01.2020**, Goa State Wetland Authority (GSWA) hereby submits this Fifteenth (15<sup>th</sup>) quarterly progress report on Identification and Notification of Wetlands under Wetland (Conservation and Management) Rules 2017, in the State of Goa.

The Fourteenth Quarterly report on Wetland Identification and Notification of wetlands in the State of Goa was submitted on **08.08.2023** (Copy of the same is placed in **Annexure I**).

The current status of the Identification and Notification of Wetlands in the state of Goa as of 1<sup>st</sup> November 2023 is given below.

Sr. No.	Status	No. of Wetlands
1	Total no. of identified Wetlands in the State of Goa	50
2	<b>No. of identified wetlands considered for notification under Wetland (Conservation &amp; Management) 2017</b>	<b>44</b>
3	Wetlands finally notified	15
4	Draft notified wetlands	28
5	No. waterbodies identified as Wetland under process of Draft Notification	1
7	No. of wetlands identified but excluded from application of Wetlands (Conservation & Management ) Rules 2017 as these identified wetlands falls under Coastal Regulation Zone and protected under CRZ Rules	6

**Detailed report is placed below:**

Fifteen (15) Wetlands have been notified under Wetland (Conservation and Management) Rules 2017, in the State of Goa. Details are given in **Table 1**.

**Table 1: List of Identified and finally Notified Wetlands in the Official Gazette of the Government of Goa.**

Sr.No.	Wetland Name	District	Village	Area(ha)
1	Dashi Lake	North Goa	Revora	0.5 ha
2	Toyyar Lake	North Goa	Chimbel	1.55 ha
3	Cottambi Lake	South Goa	Cottombi	1.1 ha
4	Xeldem Lake	South Goa	Quepem	0.2 ha
5	Nanda Lake (Ramsar Site)	South Goa	Quepem	42.01 ha
6	Sarzora Lake	South Goa	Sarzora	10 ha

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7	Pilerne Lake/Saulem Lake	North Goa	Pilerne	4 ha
8	Bondvol lake	North Goa	Calapur	8 ha
9	Carambolim Lake	North Goa	Carambolim	58 ha
10	Batim Lake	North Goa	Batim	16.68 ha
11	Coneix (Conem) lake	South Goa	Coneix- Priol	0.9 ha
12	Tarvalem Lake	South Goa	Shiroda	4.53 ha
13	Pali Lake	South Goa	Davorlim-Dicarpalim	4.4 ha
14	Sulabhat Lake	North Goa	Agassaim	5.4 ha
15	Durga Lake	South Goa	Chinchinim	24.85 ha

**Table 2: List of Wetlands draft Notified in the State of Goa**

Sr. No.	Name of Waterbody	District	Draft Notification No.
1	Udden Lake	South Goa	11-2/GSWA/2022-2023/Pub./900
2	Panchami Lake	South Goa	11-2/GSWA/-2023/Pub./895
3	Parra Lake	North Goa	11-2/GSWA/2022-2023/Pub./1654
4	Karmale Lake or Arla Keri Tollem	South Goa	11-2/GSWA/2022-2023/Pub./1655
5	Dhakte Lake or Diuler tollem	South Goa	11-2/GSWA/2022-2023/Pub./1656
6	Ita Lake	South Goa	11-2/GSWA/2022-2023/Pub./1657
7	Maem Lake	North Goa	11-2/GSWA/2022-2023/Pub./1658
8	Macasana Lake	South Goa	11-2/GSWA/2022-2023/Pub./1659
9	Bandolem lake	South Goa	11-2/GSWA/2022-2023/Pub./1660
10	Orlim Lake	South Goa	11-2/GSWA/2022-2023/Pub./1661
11	Dhulpe Lake or Chicungal tollem	South Goa	11-2/GSWA/2022-2023/Pub./1662
12	Sapu Lake or Tollem Bandar	South Goa	11-2/GSWA/2022-2023/Pub./1663
13	Vodle Lake	South Goa	11-2/GSWA/2022-2023/Pub./1664
14	Talaulim Lake or Talsal Tollem	South Goa	11-2/GSWA/2022-2023/Pub./1665
15	Betal Lake	South Goa	11-2/GSWA/2022-2023/Pub./1666
16	Adsule Lake	South Goa	11-2/GSWA/2022-2023/Pub./1667
17	Kodal Lake	North Goa	11-2/GSWA/2022-2023/Pub./1668
18	Manali Lake	South Goa	11-2/GSWA/2022-2023/Pub./1669
19	Kolamwada Lake	North Goa	11-2/GSWA/2022-2023/Pub./1670
20	Ambulor Lake	South Goa	11-2/GSWA/2023-2024/Pub./798
21	Kamala Lake	South Goa	11-2/GSWA/2023-2024/Pub./801
22	Bebki Lake	South Goa	11-2/GSWA/2023-2024/Pub./800
23	Bachbhatt lake	South Goa	11-2/GSWA/2023-2024/Pub./799
24	Maimollem Lake	South Goa	11-2/GSWA/2023-2024/Pub./797
25	Lagoa De Cima	South Goa	11-2/GSWA/2023-2024/Pub./802
26	Vodle-Dhakte Complex	South Goa	11-2/GSWA/2023-2024/Pub./805

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27	Moingal Lake	South Goa	11-2/GSWA/2023-2024/Pub./804
28	Lamgao Lake	North Goa	11-2/GSWA/2023-2024/Pub./803

**Table 3: List of water bodies identified as wetlands by Technical Committee of GSWA and under process of draft Notification**

Sr. No.	Name	District	Status
1	Zuari Lake	South Goa	In the process of draft Notification

Furthermore, the possibility of additional waterbodies as wetlands in the state of Goa is explored by GSWA and the preparation of Brief documents of the same is ongoing by CSIR-NIO.



**Dr. Pradip Sarmokadam**  
**Head of the Nodal Agency, GSWA**

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**Always striving towards  
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## Fourteenth Quarterly Progress Report on Wetland Identification and Notification of Wetlands in the State of Goa.



Submitted by: Goa State Wetland Authority (GSWA)

Submitted to: National Green Tribunal (NGT)



परिरक्षणे आर्द्रभूमे: सदा कार्यरता वयम् ।

तेरे संवर्धन में सजग सदा... हे आर्द्रभूमि	जतनायेक तुजे सदांच सज्ज... हे आर्द्रभुंये	संवर्धनार्थ तुझ्या कटिबद्ध आम्ही... हे आर्द्रभूमी	Always striving towards conservation of wetlands
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# 1933

As directed by The Hon'ble National Green Tribunal (NGT) w.r.t. OA 141/2017 WZ in the order dated 23.01.2020, Goa State Wetland Authority (GSA) hereby submits this Fourteenth (14<sup>th</sup>) quarterly progress report on Identification and Notification of Wetlands under Wetland (Conservation and Management) Rules 2017, in the State of Goa.

The Thirteenth Quarterly report on Wetland Identification and Notification of wetlands in the State of Goa was submitted on 18.05.2023 (Copy of the same is placed in Annexure I).

The current status of the Identification and Notification of Wetlands in the state of Goa as of 27<sup>th</sup> July 2023 is given below.

Sr. No.	Status	No. of Wetlands
1	Total no. of identified Wetlands in the State of Goa	50
2	Wetlands finally notified	15
4	Draft Notified wetlands	19*
5	Wetlands approved for Draft Notification	10
7	Identified Wetlands to be placed before next GSWA for approval for Draft Notification	6

**Note\*One of the Draft notified wetlands to be placed for re-draft notification.**

The above numbers will change subject to the decision of Technical Committee, Grievance Committee, GSWA based on applicability of Wetland (Conservation & Management) Rules. 2017.

**Detailed report is placed below:**

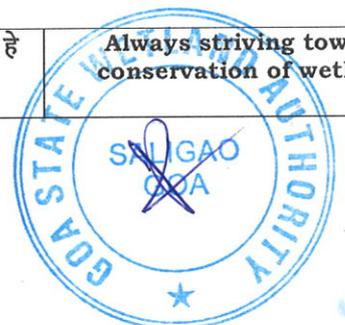
Fifteen (15) Wetlands have been notified under Wetland (Conservation and Management) Rules 2017, in the State of Goa. Details are given in Table 1 and the copy of the gazette Notification of 15 Notified wetlands placed at Annexure II.

**Table 1: List of Identified and finally Notified Wetlands in the Official Gazette of the Government of Goa.**

S. No.	WetlandName	Geographical coordinates	District	Village	Wetland type	Wetland sub-type	Area (ha)
1	Dashi Lake	Lat: From 15°39'29.89" N to 15°39'32.82" N	North Goa	Revora	Inland	Natural	0.5 ha

परिरक्षणे आर्द्रभूमे: सदा कार्यरता वयम् I

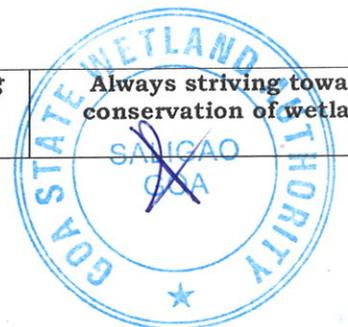
तेरे संवर्धन में सजग सदा... हे आर्द्रभूमि	जतनायेक तुजे सदांच सज्ज... हे आर्द्रभुंये	संवर्धनार्थ तुझ्या कटिबद्ध आम्ही... हे आर्द्रभूमी	Always striving towards conservation of wetlands
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		Long: From <u>73°51'07.37"E</u> to <u>73°51'09.52"E</u>					
2	Toygar Lake	Lat: From <u>15°29'10.85"N</u> to <u>15°29'14.76"N</u> Long: From <u>73°53'07.09"E</u> to <u>73°53'13.91"E</u>	North Goa	Chimbel	Inland	Natural	1.55 ha
3	Cottambi Lake	Lat: From <u>15°14'55.17"N</u> to <u>15°14'59.43"N</u> Long: From <u>74°03'23.41"E</u> to <u>74°03'26.36"E</u>	South Goa	Cottombi	Inland	Natural	1.1 ha
4	Xeldem Lake	Lat: From <u>15°14'42.24"N</u> to <u>15°14'44.39"N</u> Long: From <u>74°05'26.51"E</u> to <u>74°05'27.07"E</u>	South Goa	Quepem	Inland	Natural	0.2 ha
5	Nanda Lake	Lat: From <u>15°13'56.55"N</u> to <u>15°14'28.39"N</u> Long: From <u>74°06'12.02"E</u> to <u>74°06'39.77"E</u>	South Goa	Quepem	Inland	Natural	42.01 ha
6	Sarzora Lake	Lat: From <u>15°13'02.88"N</u> to <u>15°13'13.85"N</u> Long: From <u>74°00'10.97"E</u> to <u>74°00'25.60"E</u>	South Goa	Sarzora	Inland	Natural	10 ha
7	Pilerne Lake/Saulem Lake	Lat: From <u>15°32'11.64"N</u> to <u>15°31'59.27"N</u> Long: From <u>73°48'44.59"E</u> to <u>73°48'51.75"E</u>	North Goa	Pilerne	Inland	Natural	4 ha
8	Bondvol lake	Lat: From <u>15°27'37.28"N</u> to <u>15°27'49.77"N</u> Long: From <u>73°50'17.55"E</u> to <u>73°50'30.74"E</u>	North Goa	Calapur	Inland	Natural	8 ha
9	Carambolim Lake	Lat: From <u>15°29'10.67"N</u> to <u>15°29'43.96"N</u> Long: From <u>73°55'29.61"E</u> to <u>73°55'47.25"E</u>	North Goa	Carambolim	Inland	Natural	58 ha

परिरक्षणे आर्द्रभूमे: सदा कार्यरता वयम् I

तेरे संवर्धन में सजग सदा... हे आर्द्रभूमि	जतनायेक तुजे सदांच सज्ज... हे आर्द्रभुंये	संवर्धनार्थ तुझ्या कटिबद्ध आम्ही... हे आर्द्रभूमी	Always striving towards conservation of wetlands
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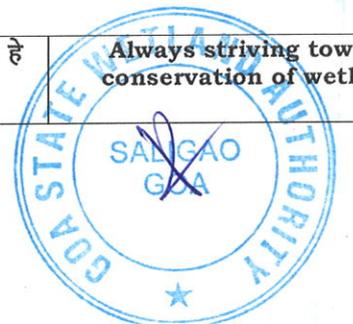
10	Batim Lake	Lat: From $15^{\circ}27'10.42''$ N to $15^{\circ}26'54.89''$ N Long: From $73^{\circ}53'20.16''$ E to $73^{\circ}53'39.71''$ E	North Goa	Batim	Inland	Natural	16.68 ha
11	Coneix (Conem) lake	Lat: From $15^{\circ}25'06.61''$ N to $15^{\circ}25'08.91''$ N Long: From $73^{\circ}59'08.48''$ E to $73^{\circ}59'09.97''$ E	South Goa	Coneix-Priol	Inland	Natural	0.9 ha
12	Tarvalem Lake	Lat: From $15^{\circ}21'16.30''$ N to $15^{\circ}21'04.00''$ N Long: From $74^{\circ}01'09.43''$ E to $74^{\circ}01'13.94''$ E	South Goa	Shiroda	Inland	Natural	4.53 ha
13	Pali Lake	Lat: From $15^{\circ}14'59.86''$ N to $15^{\circ}14'49.31''$ N Long: From $73^{\circ}59'37.38''$ E to $73^{\circ}59'45.31''$ E	South Goa	Davorlim-Dicarpalim	Inland	Natural	4.4 ha
14	Sulabhat Lake	Lat: From $15^{\circ}26'21.97''$ N to $15^{\circ}26'13.67''$ N Long: From $73^{\circ}53'53.46''$ E to $73^{\circ}54'03.89''$ E	North Goa	Agassaim	Inland	Natural	5.4 ha
15	Durga Lake	Lat: From $15^{\circ}11'23.39''$ N to $15^{\circ}11'51.79''$ N Long: From $73^{\circ}58'52.75''$ E to $73^{\circ}59'27.16''$ E	South Goa	Chinchinim	Inland	Natural	24.85 ha

**Table 2: List of Wetlands Draft Notified**

Sr. No.	Name of Waterbody	District	Draft Notification No.
1	Udden Lake	South Goa	11-2/GSWA/2022-2023/Pub./900
2	Panchami Lake	South Goa	11-2/GSWA/-2023/Pub./895
3	Parra Lake	North Goa	11-2/GSWA/2022-2023/Pub./1654
4	Karmale Lake or Arla Keri Tollem	South Goa	11-2/GSWA/2022-2023/Pub./1655
5	Dhakte Lake or Diuler tollem	South Goa	11-2/GSWA/2022-2023/Pub./1656
6	Ita Lake	South Goa	11-2/GSWA/2022-2023/Pub./1657
7	Maem Lake	North Goa	11-2/GSWA/2022-2023/Pub./1658

परिरक्षणे आर्द्रभूमे: सदा कार्यरता वयम् I

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8	Macasana Lake	South Goa	11-2/GSWA/2022-2023/Pub./1659
9	Bandolem lake	South Goa	11-2/GSWA/2022-2023/Pub./1660
10	Orlim Lake	South Goa	11-2/GSWA/2022-2023/Pub./1661
11	Dhulpe Lake or Chicungal tollem	South Goa	11-2/GSWA/2022-2023/Pub./1662
12	Sapu Lake or Tollem Bandar	South Goa	11-2/GSWA/2022-2023/Pub./1663
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15	Betal Lake	South Goa	11-2/GSWA/2022-2023/Pub./1666
16	Adsule Lake	South Goa	11-2/GSWA/2022-2023/Pub./1667
17	Kodal Lake	North Goa	11-2/GSWA/2022-2023/Pub./1668
18	Manali Lake	South Goa	11-2/GSWA/2022-2023/Pub./1669
19	Kolamwada Lake	North Goa	11-2/GSWA/2022-2023/Pub./1670

**Table 3: List of water bodies identified as wetlands by Technical Committee of GSWA and to be placed for draft notification**

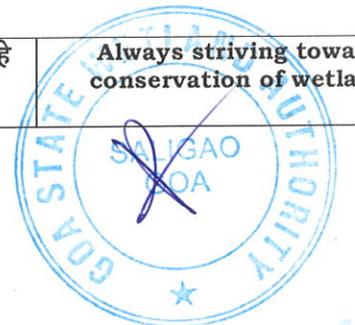
Sr. No.	Name	District	Status
1.	Ambulor Lake	South Goa	File sent for Draft Notification.
2.	Kamala Lake	South Goa	File sent for Draft Notification.
3	Bebki Lake	South Goa	File sent for Draft Notification.
4	Bachbhatt lake	South Goa	File sent for Draft Notification.
5	Maimollem Lake	South Goa	Process of preparation of Draft Notification ongoing.
6	Lagoa De Cima	South Goa	File sent for Draft Notification.
7	Vodle-Dhakte Complex	South Goa	File sent for Draft Notification.
8	Moingal Lake	South Goa	File sent for Draft Notification.
9	Lamgao Lake	North Goa	File sent for Draft Notification.
10	Zuari Lake	South Goa	Request received by GSWA for the opportunity to be heard hence to be placed before GSWA.

**Table No.4 Identified Wetlands to be placed before next GSWA for approval for Draft Notification**

Sr. No.	Name of the waterbody	Taluka	District
1	Banastarim lake	Ponda	South Goa
2	Curca lake	Tiswadi	North Goa
3	Canturim lake	Tiswadi	North Goa
4	Malebhaat Lake	Tiswadi	North Goa

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5	Gawali-Maula Lake	Tiswadi	North Goa
6	Khandepar lake	Bicholim	North Goa

**Note 2:** The above numbers will change subject to the decision of Technical Committee, Grievance Committee & GSWA based on applicability of Wetland (Conservation & Management) Rules, 2017 and also due to changes in land use or the factors due to which more wetlands may be identified in future.



*(Handwritten signature)*

Dr. Pradip Sarmokadam  
Head of the Nodal Agency, GSWA

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