

Notification

11-2/GSWA/2024-2025/Pub./1798

1. Whereas, there exists a water body known as Karmale Lake or Arla Keri Tollem admeasuring an area of 36235 sq. mts. located in village Querim of Ponda Taluka, South Goa district, State of Goa, which is considered to be critically significant for its ecosystem services and biodiversity values for the local communities and society at large (hereinafter referred to as the "Said Karmale Lake"); which is more particularly described in Schedule I hereunder;

2. And whereas, it is considered that for sustaining these values, the ecological character of the wetland ecosystem needs to be maintained by regulating developmental activities within the wetland as well as within its zone of influence;

3. And whereas, in terms of sub-rule (1) of rule 7 of the Wetlands (Conservation and Management) Rules, 2017, the Department of Environment and Climate Change (DoE&CC) Government of Goa, through GSBB had prepared a Brief Document for identifying the Said Karmale Lake as wetland;

4. And whereas, based on the Brief Document Goa State Wetland Authority (GSWA) in the 13th meeting of the GSWA recommended the Government of Goa to draft notify the Said Karmale Lake as a wetland under the provisions of Wetlands (Conservation and Management) Rules, 2017.

5. Hence a Draft Notification was issued by the Department of Environment and Climate Change (DoE&CC), Government of Goa in the exercise of powers conferred under rule 7 of Wetland (Conservation & Management) Rules, 2017, herein referred to as the said rules;

6. And whereas the time for receiving objections is now over in the fixed duration the objections of the general public have been heard and decided, according to the said rules;

7. Hence this notification is issued by the Department of Environment and Climate Change (DoE&CC), Government of Goa, in exercise of powers conferred under Rule 7 of Wetland (Conservation and Management) Rules, 2017 read with Environment (Protection) Act, 1986 (29 of 1986) is hereby published for the information of the persons;

8. The extent of the wetland and its zone of influence is described in Schedule I of this notification;

9. Activities prohibited within the wetland and its zone of influence are listed in Schedule II of this notification. Such prohibitions shall not apply for areas designated under other Acts and Rules and listed at para 1.2 (a), (b), and (c) of Schedule I. Relevant provisions of respective Acts and Rules shall apply in such areas.

10. Activities regulated within the wetland and their zones of influence, i.e. permitted only with permission of State Government are listed in Schedule III of this notification. Request for permissions can be made to the Member Secretary, Goa State Wetland Authority, c/o Department of Environment and Climate Change (DoE&CC), O/o Goa State Biodiversity Board, Opposite Saligao Seminary, Saligao, Bardez, Goa-403511 or at email-ms-gswa.goa@gov.in. Such regulations shall not apply for areas designated under other Acts and Rules and listed at para 1.2 (a), (b), and (c) of Schedule I. Relevant provisions of respective Acts and Rules shall apply in such areas.

11. Activities permitted within the wetland and its zone of influence are listed in Schedule IV of this notification. Such permissions shall not apply for areas designated under other Acts and Rules and listed at para 1.2 (a), (b) and (c) of Schedule I. Relevant provisions of respective Acts and Rules shall apply in such areas.

12. The Goa State Wetland Authority and the Ministry of Environment, Forest and

Climate Change shall monitor the enforcement of the provisions of this notification.

13. All the pre-existing ownership rights and privileges pertaining to identified and notified wetlands will be maintained. Further, no pre-existing ownership rights or property will be transferred to GSWA as a part of this

notification. The status quo of the existing ownership of the notified property will be maintained.

By order and in the name of the Governor of Goa.

Johnson B. Fernandes, Director
(Environment & Climate Change).

Panaji, 1st January, 2025.

Schedule I: Location and Extent of Wetland and its Zone of Influence

1.1. Wetland

The Said Karmale Lake admeasuring an area of 36235 sq. mts., surveyed under the following Survey Nos.

Taluka/Village	Survey No./ Sub-Div. No.	Approximate area in sq. mts.	Survey No./ Sub-Div. No.	Approximate Area in sq. mts.	
Ponda/Querim	132(P)	101	133/7(P)	925	
	148/1(P)	8	148/2(P)	818	
	148/3(P)	74	148/4(P)	1409	
	148/6(P)	6	148/7(P)	144	
	148/8(P)	2	149/1(P)	3	
	149/3(P)	141	149/4(P)	109	
	149/5(P)	232	149/6(P)	19	
	149/7(P)	527	149/8(P)	382	
	149/9(P)	489	149/10(P)	28	
	149/11(P)	2721	165/1(P)	1738	
	166/1(P)	4099	166/2(P)	3215	
	166/3	225	166/4	700	
	166/5	1175	166/6(P)	2416	
	166/8	1250	166/10(P)	932	
	166/11	825	166/12(P)	162	
	166/13(P)	1603	166/14	975	
	166/15(P)	2287	166/16	450	
	166/17	725	166/18(P)	964	
	166/19	525	166/20(P)	698	
	166/21	650	166/22(P)	550	
	166/23	825	166/25(P)	84	
	166/26	375	166/28(P)	4	
	166/29(P)	362	166/32(P)	181	
	Area outside sy. Nos.	102			
	Grand total		36235		

1.2. Boundary of area already designated under provisions of other Acts and Rules.

1.2 (a) Area designated under Indian Forest Act, 1927; Forest (Conservation) Act, 1980; State Forest Act and amendments thereof.

No area of the proposed wetland known as Said Karmale Lake falls under the above mentioned Act.

1.2 (b) Area designated under Wildlife (Protection) Act, 1972 and amendments thereof.

No area of the proposed wetland known as Said Karmale Lake falls under the above mentioned Act.

1.2 (c) Area designated under the Coastal Regulation Zone Notification, 2011 and amendments thereof.

No area of the proposed wetland known as Said Karmale Lake falls under the above mentioned Act.

1.3. Zone of influence:

The Zone of influence of the Said Karmale Lake admeasuring 88951 sq. mts., includes 50m. buffer and the properties surveyed under the following Survey Nos.

Taluka/Village	Survey No./ Sub-Div. No.	Approximate area in sq. mts.	Survey No./ Sub-Div. No.	Approximate Area in sq. mts.
Ponda/Querim	Buffer Zone			
	131/2(P)	189	132(P)	7175
	133/7(P)	5932	133/8(P)	52
	134/2(P)	985	134/3(P)	729
	134/4(P)	41	134/5(P)	1058
	134/6(P)	45	134/7(P)	840
	136/9-A(P)	8	146/2(P)	464
	146/3(P)	77	146/4(P)	1527
	146/5	75	146/6(P)	1842
	148/1(P)	86	148/2(P)	1958
	148/3(P)	175	148/4(P)	1450
	148/5(P)	37	148/6(P)	3048
	148/7(P)	1639	148/8(P)	67
	149/1(P)	1296	149/2(P)	81
	149/3(P)	1915	149/4(P)	868
	149/5(P)	810	149/6(P)	81
	149/7(P)	1198	149/8(P)	1193
	149/9(P)	836	149/10(P)	47
	149/11(P)	6318	150/3(P)	1
	150/4(P)	41	150/5(P)	94
	150/6(P)	501	150/7(P)	637
	164/1(P)	1887	165/1(P)	7777
	164/2(P)	1400	166/1(P)	2100
	166/2(P)	1346	166/6(P)	2734
	166/7	1325	166/9	600
	166/10(P)	893	166/12(P)	238
	166/13(P)	47	166/15(P)	813
	166/18(P)	1087	166/20(P)	1102
	166/22(P)	1250	166/24	200
	166/25(P)	416	166/27	325
	166/28(P)	371	166/29(P)	38
	166/30	525	166/31	75
	166/32(P)	219	166/33(P)	1510
166/34	125	167/1(P)	1084	
168/1(P)	245			
Area outside sy. Nos.	910			
Total		76058		

Taluka/Village	Zone of Influence			
Ponda/Querim	136/1(P)	113	136/5(P)	47
	136/6(P)	134	136/7(P)	98
	136/8(P)	5	136/9-A(P)	115
	136/11(P)	8	136/12(P)	114
	136/13(P)	6	137/1(P)	171
	137/1-A(P)	107	1381(P)	1173
	138/3(P)	102	140(P)	54
	141/2(P)	899	142/1(P)	231
	142/2(P)	15	142/3(P)	643

142/4(P)	10	142/5(P)	617
142/6	450	142/7(P)	193
142/8(P)	1392	143(P)	39
144/1(P)	566	144/2(P)	467
145/1(P)	409	145/2(P)	157
145/3(P)	7	145/4(P)	63
145/5(P)	12	145/6(P)	122
145/8(P)	11	145/10(P)	136
145/11(P)	11	145/12(P)	41
146/1(P)	298	146/2(P)	128
Area outside Sy. Nos. (Roads and Nallas)	3729		
Total	12893		
Grand Total	88951		

The map of the wetland mean high flood level (depicted as a blue line) of the Said Karmale Lake with the Zone of influence is at Annexure I. (For an enlarged map to scale kindly visit <https://gswa.goa.gov.in/>).

1.4. For the purpose of this wetland known as the Said Karmale Lake the same is located within Revenue village of Querim.

1.5. For the purpose of this wetland known as the Said Karmale Lake the Zone of Influence is located within revenue village of Querim.

Schedule II: List of activities prohibited within wetland boundary

5.1. Conversion for non-wetland uses including encroachment of any kind;

5.2. Setting up of any industry and expansion of existing industries; with the exception of modernization of existing industries which will not affect the ecological balance of the wetland under consideration.

5.3. Manufacture and/or handling and/or storage and/or disposal of construction and demolition waste covered under the Construction and Demolition Waste Management Rules, 2016; hazardous substances covered under the Manufacture, Storage and Import of Hazardous Chemical Rules, 1989 or the Rules for Manufacture, Use, Import, Export and Storage of Hazardous Micro-organisms Genetically engineered organisms or cells, 1989 or the Hazardous Wastes (Management, Handling and Transboundary Movement) Rules, 2008; Hazardous and Other Wastes (Management, Handling and Transboundary Movement) Rules, 2016; electronic waste covered under the E-Waste (Management) Rules, 2016 and other Acts and Rules as notified by Central Government and State Government applicable to wetlands.

5.4. Solid waste dumping and plastic waste dumping covered under Municipal Solid Waste Management Rules, 2016;

5.5. Discharge of untreated wastes, chemical fertilizers, pesticides, effluents and any other chemicals effecting the ecological character of the wetland from industries, cities, towns, villages and any other human settlements and/or activities;

5.6. Any construction of a permanent nature except for boat jetties within fifty meters (demarcated as a buffer zone on Annexure-I) from the mean high flood level observed in the past ten years calculated from the date of commencement of these Rules; and,

5.7. Poaching and illegal hunting covered Wildlife (Protection) Act, 1972 and amendments thereof;

5.8. Extraction of soil, mud, rock and sand for commercial purposes.

Note: For the rules and acts mentioned under point no. 3, 4 and 7 any amendments made thereof will be applicable.

[Any other activity other than mentioned above if taken up in the surrounding area that will have a direct or an indirect adverse effect on the ecological character of the wetland including water quality the same shall be prohibited.]

Schedule III: List of activities regulated within the boundary of wetland and its zone of influence and for which prior approval of [State Government/UT Administration/MoEFCC] is required to be obtained

Activity	Regulations	
	Within the boundary of wetland as shown in Annexure I	Within the zone of influence as shown in Annexure I
Cultivation of crops	Pre-existing traditional seasonal cultivation of crops permitted.	Cultivated lands that previously existed will be allowed to be cultivated.
Recreational activities	Recreational activities like the existing spice farm activity at the periphery of the wetland are permitted.	Not applicable.
Plantation of trees	Prohibited within the wetland boundary	Planting indigenous trees Permitted in buffer and zone of influence, excluding water channel.

Approval of the GSWA shall be obtained for any other activity proposed to be conducted other than those mentioned above which may adversely affect ecological character of wetland.

Schedule IV: List of activities permitted within the boundary of wetlands and its zone of influence

Activity	Levels and types not requiring permission	
	Within the boundary of the wetland as shown in Annexure I	Within the zone of influence as shown in Annexure I
Withdrawal of water for irrigation or plantation	Withdrawal of water by the community for irrigating and maintaining existing Arecanut plantations and by ensuring sustainable measures and without over-extraction subject to the approval of WRD and GSWA.	Permitted in consultation with local Biodiversity Management Committee and local Village Panchayat. Need to ensure no contamination of any type is allowed which serves as a source of degrading quality and ecological character of wetland.
Fishing Activities	Only hook and line fishing permitted within the wetland	Permitted.
Religious practices	Existing religious practices like "Sateri devi Sangod festival" will be allowed. Any activity that will adversely affect the ecological character of the wetland will not be allowed	Permitted. Any activity that will adversely affect the ecological character of the wetland will not be allowed.
Preservation of this water body and maintaining quality of its significant catchment area especially no development zone, steep slopes and tree cover areas to ensure sustain ability of this water body for future water security of local area	The boundary of the wetlands may be restored or stabilized using natural means so as to not disturb the ecological character of the water body	Permitted.

Deciding best possible wise use of wetland without affecting or impacting its ecological character and services offered presently

Permitted

Permitted.

Approval of the GSWA shall be taken for any other activity to be conducted other than those mentioned above.

Annexure-I

