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## Wetlands (Conservation and Management) Rules, 2017

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# MINISTRY OF ENVIRONMENT, FOREST AND CLIMATE CHANGE

## NOTIFICATION

New Delhi, the 26th September, 2017

**G.S.R. 1203(E).**—Whereas the wetlands, vital parts of the hydrological cycle, are highly productive ecosystems which support rich biodiversity and provide a wide range of ecosystem services such as water storage, water purification, flood mitigation, erosion control, aquifer recharge, microclimate regulation, aesthetic enhancement of landscapes while simultaneously supporting many significant recreational, social and cultural activities, being part of our rich cultural heritage;

And whereas many wetlands are threatened by reclamation and degradation through drainage and landfill, pollution (discharge of domestic and industrial effluents, disposal of solid wastes), hydrological alteration (water withdrawal and changes in inflow and outflow), over-exploitation of their natural resources resulting in loss of biodiversity and disruption in ecosystem services provided by wetlands;

And whereas clause (g) of article 51A of the Constitution stipulates that it shall be the duty of every citizen of India to protect and improve the natural environment including forests, lakes, rivers and wildlife and to have compassion for living creatures;

And whereas the Environment (Protection) Act, 1986 is a comprehensive legislation to provide protection and improvement of the environment, including *inter-alia*, wetlands, and for matters connected therewith;

And whereas the National Environment Policy, 2006 recognises the ecosystem services provided by wetlands and emphasizes the need to set up a regulatory mechanism for all wetlands so as to maintain their ecological character, and ultimately support their integrated management;

And whereas India is a signatory to the Ramsar Convention on Wetlands and is committed to conservation and wise use of all wetlands within its territory;

And whereas the Central Government has published the Wetlands (Conservation and Management) Rules, 2010, vide number G.S.R. 951(E), dated the 4<sup>th</sup> December, 2010;

And whereas conservation and wise use of wetlands can provide substantial direct and indirect economic benefits to state and national economy, and thereby the Central Government stands committed to mainstreaming full range of wetland biodiversity and ecosystem services in development planning and decision making for various sectors;

And whereas the State Governments and Union Territory Administrations need to take into account wetland ecosystem services and biodiversity values likewise within their developmental programming and economic well-being, also taking into cognizance that land and water, two major ecological constituents of wetland ecosystems, are enlisted as State subjects as per the Constitution;

And whereas the Central Government considered it necessary to supersede the Wetlands (Conservation and Management) Rules, 2010 for effective conservation and management of wetlands in the country;

And whereas the Central Government had, in exercise of the powers conferred by section 25, read with sub-section (1) and clause (v) of sub-section (2) and sub-section (3) of section 3 of the Environment (Protection) Act, 1986, published the draft Wetlands (Conservation and Management) Rules, 2016, vide number G.S.R. 385 (E) dated 31<sup>st</sup> March, 2016 for information of the public likely to be affected thereby; and notice was given that the said draft rules would be taken into consideration by the Central Government after expiry of a period of sixty days from the date on which copies of the Gazette notification is made available to the public;

And whereas the Central Government has received the suggestions and objections from the State Governments, Union Territories and its organisations, individuals and civil society organisations on the draft Wetlands (Conservation and Management) Rules, 2016;

And whereas the suggestions and objections received in response to the above mentioned draft rules have been duly considered by the Central Government in consultation with State Governments and Union Territory Administrations.

Now, therefore, in exercise of the powers conferred by section 25, read with sub-section (1) and clause (v) of sub-section (2) and sub-section (3) of section 3 and section 23 of the Environment (Protection) Act, 1986 and in supersession of the Wetlands (Conservation and Management) Rules, 2010, except as respects things done or omitted to be done before such supersession, the Central Government hereby makes the following rules for conservation and management of wetlands, namely:—

**1. Short title and commencement.—**

- (1) These rules may be called the Wetlands (Conservation and Management) Rules, 2017.
- (2) These shall come into force from the date of their publication in the Official Gazette.

**2. Definitions.—**

- (1) In these rules, unless the context otherwise requires,-
  - (a) "Act" means the Environment (Protection) Act, 1986;
  - (b) "Authority" means the State Wetlands Authority or Union Territory Wetlands Authority, as the case may be;

- (c) "Committee" means the National Wetlands Committee referred to in rule 6;
  - (d) "ecological character" means the sum of ecosystem components, processes and services that characterise the wetlands;
  - (e) "integrated management plan" means a document which describes strategies and actions for achieving wise use of the wetland and the plan shall include objectives of site management; management actions required to achieve the objectives; factors that affect, or may affect, the various site features; monitoring requirements for detecting changes in ecological character and for measuring the effectiveness of management; and resources for management implementation;
  - (f) "Ramsar Convention" means the Convention on Wetlands signed at Ramsar, Iran in 1971;
  - (g) "wetland" means an area of marsh, fen, peatland or water; whether natural or artificial, permanent or temporary, with water that is static or flowing, fresh, brackish or salt, including areas of marine water the depth of which at low tide does not exceed six meters, but does not include river channels, paddy fields, human-made water bodies/tanks specifically constructed for drinking water purposes and structures specifically constructed for aquaculture, salt production, recreation and irrigation purposes;
  - (h) "wetlands complexes" means two or more ecologically and hydrologically contiguous wetlands and may include their connecting channels/ducts;
  - (i) "wise use of wetlands" means maintenance of their ecological character, achieved through implementation of ecosystem approach within the context of sustainable development;
  - (j) "zone of influence" means that part of the catchment area of the wetland or wetland complex, developmental activities in which induce adverse changes in ecosystem structure, and ecosystem services.
- (2) The words and expressions used in these rules and not defined, but defined in the Act, shall have the meanings assigned to them in the Act.

**3. Applicability of rules.**—These rules shall apply to the following wetlands or wetlands complexes, namely:—

- (a) wetlands categorised as 'wetlands of international importance' under the Ramsar Convention;
- (b) wetlands as notified by the Central Government, State Government and Union Territory Administration:

Provided that these rules shall not apply to the wetlands falling in areas covered under the Indian Forest Act, 1927, the Wild Life (Protection) Act, 1972, the Forest (Conservation) Act, 1980, the State Forest Acts, and the Coastal Regulation Zone Notification, 2011 as amended from time to time.

**4. Restrictions of activities in wetlands.**—(1) The wetlands shall be conserved and managed in accordance with the principle of 'wise use' as determined by the Wetlands Authority.

- (2) The following activities shall be prohibited within the wetlands, namely,-
- (i) conversion for non-wetland uses including encroachment of any kind;
  - (ii) setting up of any industry and expansion of existing industries;
  - (iii) manufacture or handling or storage 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; electronic waste covered under the E-Waste (Management) Rules, 2016;
  - (iv) solid waste dumping;
  - (v) discharge of untreated wastes and effluents from industries, cities, towns, villages and other human settlements;
  - (vi) any construction of a permanent nature except for boat jetties within fifty metres from the mean high flood level observed in the past ten years calculated from the date of commencement of these rules; and,
  - (vii) poaching.

Provided that the Central Government may consider proposals from the State Government or Union Territory Administration for omitting any of the activities on the recommendation of the Authority.

**5. Wetlands Authorities.**—(1) The Central Government hereby constitutes the State Wetlands Authority in each State with the following members, namely:—

- (i) Minister In-charge of the Department of Environment/Forests of the State Government or Minister In-charge of the Department handling wetlands - Chairperson;
- (ii) Chief Secretary of the State or Additional Chief Secretary equivalent - Vice Chairperson;
- (iii) Secretary in-charge of the Department of Environment - Member *ex-officio*;
- (iv) Secretary in-charge of the Department of Forests - Member *ex-officio*;
- (v) Secretary in-charge of the Department of Urban Development - Member *ex-officio*;
- (vi) Secretary in-charge of the Department of Rural Development - Member *ex-officio*;
- (vii) Secretary in-charge of the Department of Water Resources - Member *ex-officio*;
- (viii) Secretary in-charge of the Department of Fisheries - Member *ex-officio*;
- (ix) Secretary in-charge of the Department of Irrigation and Flood Control - Member *ex-officio*;
- (x) Secretary in-charge of the Department of Tourism - Member *ex-officio*;
- (xi) Secretary in-charge of the Department of Revenue - Member *ex-officio*;
- (xii) Director, State Remote Sensing Centre - Member *ex-officio*;
- (xiii) Chief Wildlife Warden - Member *ex-officio*;
- (xiv) Member Secretary, State Biodiversity Board - Member *ex-officio*;
- (xv) Member Secretary, State Pollution Control Board - Member *ex-officio*;
- (xvi) Additional Principal Chief Conservator of Forests of the Regional Office of Ministry of Environment, Forest and Climate Change - Member *ex-officio*;
- (xvii) One expert each in the fields of wetland ecology, hydrology, fisheries, landscape planning and socio-economics to be nominated by the State Government; and
- (xviii) Additional Secretary/Joint Secretary/Director in the Department of Environment/Forests or Department handling wetlands - Member Secretary.

(2) The Central Government hereby constitutes the Union Territory Wetlands Authority for each Union Territory with the following members, namely:—

- (i) Administrator or Chief Secretary of the Union Territory - Chairperson;
- (ii) Secretary in-charge of the Department of Environment - Vice Chairperson;
- (iii) Secretary in-charge of the Department of Forests - Member *ex-officio*;
- (iv) Secretary in-charge of the Department of Urban Development - Member *ex-officio*;
- (v) Secretary in-charge of the Department of Rural Development - Member *ex-officio*;
- (vi) Secretary in-charge of the Department of Water Resources - Member *ex-officio*;
- (vii) Secretary in-charge of the Department of Fisheries - Member *ex-officio*;
- (viii) Secretary in-charge of the Department of Irrigation and Flood Control - Member *ex-officio*;
- (ix) Secretary in-charge of the Department of Tourism - Member *ex-officio*;
- (x) Secretary in-charge of the Departments of Revenue - Member *ex-officio*;
- (xi) Director, Remote Sensing Centre - Member *ex-officio*;
- (xii) Member Secretary, Union Territory Pollution Control Committee - Member *ex-officio*;

- (xiii) Member Secretary, Biodiversity Board of the UT - Member *ex-officio*;
  - (xiv) Chief Wildlife Warden - Member *ex-officio*;
  - (xv) Additional Principal Chief Conservator of Forests of the Regional Office of Ministry of Environment, Forest and Climate Change- Member *ex-officio*;
  - (xvi) One expert each in the fields of wetland ecology, hydrology, fisheries, landscape planning and socio-economics to be nominated by the Union Territory Administration; and
  - (xvii) Additional Secretary/Joint Secretary/Director in the Department of Environment/Forests or Department handling wetlands - Member Secretary.
- (3) The State Wetlands Authority or Union Territory Wetlands Authority may co-opt other members, not exceeding three in number, if required.
- (4) The State Wetlands Authority or Union Territory Wetlands Authority shall exercise the following powers and perform the following functions, namely:-
- (a) prepare a list of all wetlands of the State or Union Territory within three months from the date of publication of these rules;
  - (b) prepare a list of wetlands to be notified, within six months from the date of publication of these rules; taking into cognizance any existing list of wetlands prepared/notified under other relevant State Acts;
  - (c) recommend identified wetlands, based on their Brief Documents, for regulation under these rules;
  - (d) prepare a comprehensive digital inventory of all wetlands within a period of one year from the date of publication of these rules and upload the same on a dedicated web portal to be developed by the Central Government for the said purpose; the inventory to be updated every ten years;
  - (e) develop a comprehensive list of activities to be regulated and permitted within the notified wetlands and their zone of influence;
  - (f) recommend additions, if any, to the list of prohibited activities for specific wetlands;
  - (g) define strategies for conservation and wise use of wetlands within their jurisdiction; wise use being a principle for managing these ecosystems which incorporates sustainable uses (such as capture fisheries at subsistence level or harvest of aquatic plants) as being compatible with conservation, if ecosystem functions (such as water storage, groundwater recharge, flood buffering) and values (such as recreation and cultural) are maintained or enhanced;
  - (h) review integrated management plan for each of the notified wetlands (including trans-boundary wetlands in coordination with Central Government), and within these plans consider continuation and support to traditional uses of wetlands which are harmonized with ecological character;
  - (i) in cases wherein lands within boundary of notified wetlands or wetlands complex have private tenancy rights, recommend mechanisms for maintenance of ecological character through promotional activities;
  - (j) identify mechanisms for convergence of implementation of the management plan with the existing State/Union Territory level development plans and programmes;
  - (k) ensure enforcement of these rules and other relevant Acts, rules and regulations and on half-yearly basis (June and December of each calendar year) inform the concerned State Government or Union Territory Administration or Central Government on the status of such notified wetlands through a reporting mechanism;
  - (l) coordinate implementation of integrated management plans based on wise use principle through various line departments and other concerned agencies;
  - (m) function as nodal authority for all wetland specific authorities within the State or Union Territory Administration;
  - (n) issue necessary directions for conservation and sustainable management of wetlands to the respective implementing agencies;

- (o) undertake measures for enhancing awareness within stakeholders and local communities on values and functions of wetlands; and
- (p) Advise on any other matter *suo-motu*, or as referred by the State Government/Union Territory Administration.
- (5) The concerned Department of the State Government or Union Territory shall provide all necessary support and act as nodal Department and Secretariat to the Authority.
- (6) The Authority shall, within ninety days of publication of these rules, shall constitute,—
  - (a) a technical committee to review brief documents, management plans and advise on any technical matter referred by the Wetland Authority; and
  - (b) a grievance committee consisting of four members to provide a mechanism for hearing and forwarding the grievances raised by public to the Authority;
- (7) The Committees referred to in sub-rule (6) shall meet at least once in every quarter to perform their functions.
- (8) The Authority shall meet at least thrice in a year.
- (9) The term of non-official members of the Authority nominated by State Government or Union Territory Administration, shall be for a period not exceeding three years.

**6. Constitution of National Wetlands Committee.**—(1) The Central Government, hereby constitutes the National Wetlands Committee with the following members, namely:—

- (i) Secretary, Ministry of Environment, Forest and Climate Change, Government of India - Chairperson;
- (ii) Special Secretary or Additional Secretary dealing with wetlands, Ministry of Environment, Forest and Climate Change, Government of India-Vice Chairperson;
- (iii) Additional Director General, Wildlife, Ministry of Environment, Forest and Climate Change, Government of India - Member *ex-officio*;
- (iv) Adviser or Joint Secretary dealing with wetlands, Ministry of Environment, Forest and Climate Change - Member *ex-officio*;
- (v) Joint Secretary, Ministry of Tourism, Government of India- Member *ex-officio*;
- (vi) Joint Secretary , Ministry of Water Resources, River Development and Ganga Rejuvenation, Government of India- Member *ex-officio*;
- (vii) Joint Secretary, Ministry of Agriculture and Farmers Welfare, Government of India- Member *ex-officio*;
- (viii) Joint Secretary, Ministry of Social Justice and Empowerment, Government of India- Member *ex-officio*;
- (ix) Joint Secretary, Ministry of Urban Development, Government of India- Member *ex-officio*;
- (x) Joint Secretary, Ministry of Rural Development, Government of India- Member *ex-officio*;
- (xi) The Chairman, Central Pollution Control Board - Member *ex-officio*;
- (xii) Director, Zoological Survey of India or Scientist F- Member *ex-officio*;
- (xiii) Director, Botanical Survey of India or Scientist F- Member *ex-officio*;
- (xiv) Director, Space Application Centre, Ahmedabad or Scientist F- Member *ex-officio*;
- (xv) Member, Central Water Commission - Member *ex-officio*;
- (xvi) Adviser, Niti Aayog - Member *ex-officio*;
- (xvii) Three representatives of State Government or Union Territory Administration on a rotational basis for a tenure of two years each;
- (xviii) One expert each in the fields of wetland ecology, hydrology, fisheries, landscape planning & socio-economics; and

- (xix) Director/Additional Director/Joint Director dealing with wetlands, Ministry of Environment, Forest and Climate Change - Member Secretary.
- (2) The National Wetlands Committee may co-opt other members, not exceeding three in number, if required.
- (3) The National Wetlands Committee shall perform the following functions, namely:-
- advise the Central Government on appropriate policies and action programmes for conservation and wise use of wetlands;
  - evolve norms and guidelines for integrated management of wetlands based on wise use principle;
  - monitor implementation of these rules by the Authority;
  - advise the Central Government on proposals received from State Governments or Union Territory Administrations for omission of the prohibited activities as referred in sub-rule (2) of rule 4;
  - recommend designation of wetlands of international importance under Ramsar Convention;
  - recommend trans-boundary wetlands for notification;
  - review progress of integrated management of Ramsar sites and transboundary wetlands;
  - advise on collaboration with international agencies on issues related to wetlands; and
  - advise on any other matter *suo-moto*, or as referred by the Central Government.
- (4) The tenure of non-official members of the Committee shall not exceed three years.
- (5) The Committee shall meet at least once in every six months.

**7. Delegation of powers and functions to the State Governments and Union Territory Administrations.—**

- (1) The concerned Department of the State Government or Union Territory Administration shall, within a period of one year from the date of publication of these rules, prepare a Brief Document for each of the wetland identified for notification, providing:—
- demarcation of wetland boundary supported by accurate digital maps with coordinates and validated by ground truthing;
  - demarcation of its zone of influence and land use and land cover thereof indicated in a digital map;
  - ecological character description;
  - account of pre-existing rights and privileges;
  - list of site-specific activities to be permitted within the wetland and its zone of influence;
  - list of site specific activities to be regulated within the wetland and its zone of influence; and
  - modalities for enforcement of regulation;
- (2) Based on the Brief Document, the Authority shall make recommendations to the State Government or Union Territory Administration for notifying the wetlands.
- (3) The State Government or Union Territory Administration shall, after considering the objections, if any, from the concerned and affected persons, notify the wetlands in the Official Gazette, within a period not exceeding 240 days from the date of recommendation by the Authority.
- (4) (a) In case of trans-boundary wetlands, the Central Government shall coordinate with concerned State Governments and Union Territory Administrations to prepare the Brief Document containing information as listed in sub-rule (1).
- (b) Based on the Brief Document, the National Wetlands Committee shall make recommendations to the Central Government for notification of the wetland.
- (c) The Central Government shall, after considering the objections, if any, from the concerned and affected persons, notify the wetlands in the Official Gazette, within a period not exceeding 240 days from the date of recommendation by the Committee.

- (5) (a) The Central Government shall create a dedicated web portal for information relating to wetlands.
- (b) The Central Government, State Government and Union Territory Administration shall upload all relevant information and documents pertaining to wetlands in their jurisdiction.

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