

MINISTRY OF ENVIRONMENT, FOREST AND CLIMATE CHANGE**NOTIFICATION**

New Delhi, the 25th March, 2022

S.O 1361(E).—In supersession of Ministry's draft notification S.O. 2633(E), dated 28th July, 2016, the following draft of the notification, which the Central Government proposes to issue in exercise of the powers conferred by sub-section (1), read with clause (v) and clause (xiv) of sub-section (2) and sub-section (3) of section 3 of the Environment (Protection) Act, 1986 (29 of 1986) is hereby published, as required under sub-rule (3) of rule 5 of the Environment (Protection) Rules, 1986, for the information of the public likely to be affected thereby; and notice is hereby given that the said draft notification shall be taken into consideration on or after the expiry of a period of sixty days from the date on which copies of the Gazette containing this notification are made available to the public;

Any person interested in making any objections or suggestions on the proposals contained in the draft notification may forward the same in writing, for consideration of the Central Government within the period so specified to the Secretary, Ministry of Environment, Forest and Climate Change, Indira Paryavaran Bhawan, Jorbagh Road, Aliganj, New Delhi-110 003, or send it to the e-mail address of the Ministry at esz-mef@nic.in

DRAFT NOTIFICATION

WHEREAS, the Neyyar Wildlife Sanctuary & Peppara Wildlife Sanctuary are the southernmost protected areas in the State of Kerala and form part of core area of the Agasthayamalai Biosphere Reserve and also part of Periyar Elephant Reserve in Western Ghats. These two Wildlife Sanctuaries with rich biodiversity are named after the two rivers Neyyar and Peppara respectively and fall under the administrative control of the Thiruvananthapuram Wildlife Division.

AND WHEREAS, the Neyyar Wildlife Sanctuary is spread over southeast corner of Western Ghats covering an area of 128 square kilometers and falls in Klamala, Klamala extension, Kottur, Kottur extension & Nettukaltherikunnu Reserve Forests. It is situated between 8°17' and 8°53'N Latitude and 76°40' and 77°17'E Longitude in Neyyatinkara Taluka of Thiruvananthapuram District;

AND WHEREAS, the Peppara Wildlife Sanctuary is spread over an area of 53 square kilometers and falls in Kottur & Palode Reserve Forests. It is situated between 8° 34' and 8° 41'N Latitude and 77° 6' and 77° 14'E Longitude in Nedumangad Taluka of Thiruvananthapuram district;

AND WHEREAS, the Neyyar Wildlife Sanctuary was notified *vide* GO (MS) 871/58 AD dated 06.01.1958 and the boundaries of the same was re-notified *vide* GO (P)NO.2305/F2/71 AD dated 18.03.1971 adding the Neyyar Reservoir into Wildlife Sanctuary whereas the Peppara Wildlife Sanctuary was notified *vide* GO (P) No. 379/83 AD dated 21.12.1981;

AND WHEREAS, the Neyyar and Peppara Wildlife Sanctuaries are treasure houses of plant diversity with about 1000 species of flowering plants belonging to more than 132 families, which represents nearly 22% of the total flowering plants estimated from Kerala. The vegetation mainly comprises of Evergreen and Moist Deciduous Forest which includes a variety of medicinal plants and tree species such as *Abrus precatorius*, *Adhatoda zeylanica* Medic., *Alngium salvifolium*, *Aloe vera*, *Alphonsea zeylanica*, *Asparagus racemosus*, *Bombax ceiba*, *Caesalpinia mimosoides*, *Calamus brandisii*, *Calophyllum apetalum*, *Canarium strictum* Roxb, *Cassia fistula*, *Cinnamomum travancoricum* Gamble, *Curcuma pseudomontana* Graham, *Cyathea gigantea*, *Dalbergia latifolia*, *Helicteres isora*, *Murraya koenigii*, *Myristica dactyloides* Gaertn, *Piper longum*, *Syzygium travancoricum* Gamble, *Terminalia arjuna*, *Terminalia bellerica*, *Terminalia chebula*, *Terminalia paniculata*, *Trichopus zeylanicus*, *Waltheria indica*, *Wrightia tinctoria*, etc;

AND WHEREAS, the protected areas harbors almost all the major mammals of peninsular India. The topography and the climate of the Sanctuary enable the occurrence of varied micro and macro habitats to shelter its variety of animals. The faunal diversity includes mammals (43 species), birds (233 species), reptiles (46 species), amphibians (13 species) fishes (27 species) and a wide variety of butterflies;

AND WHEREAS, the rare, endangered and threatened (RET) of the Neyyar and Peppara Wildlife Sanctuaries are cheriyadalodakam (*Adhatoda beddomei*), akil (*Aglaia malabarica* Sasidh.), kantha-kamugu (*Bentinckia condapanna*), maramanjil (*Coscinium fenestratum*), vellakil (*Dysoxylum malabaricum*), kattukudambulli (*Garcinia gummi-gutta*), agnisikha, karthikapooovu (*Gloriosa superba*), amrithapala

(*Janakia arayalpathra*), chorapyyin (*Knema attenuata*), kattujathi (*Myristica malabarica*), kulamavu (*Persea macrantha*), thippali (*Piper longum L.*), ellukooti, malavuram (*Pterospermum reticulatum*), vathamkollimaram, poriyal (*Syzygium travancoricum*), neermaruthu (*Terminalia arjuna*), vellapayin (*Vateria indica*), sambar deer (*Cervus unicolor*), jungle cat (*Felis chaus*), black naped hare (*Lepus nigricollis*), bonnet macaque (*Macaca radiata*), Nilgiri marten (*Martes gwatkinsii*), barking deer (*Muntiacus muntjak*), leopard (*Panthera pardus*), toddy cat (*Paradoxurus hemaphrodites*), malabar giant squirrel (*Ratufa indica*), Nilgiri langur (*Trachypithecus johnii*), jungle myna (*Acridotheres fuscus*), larger golden backed woodpecker (*Chrysocolaptes lucidus*), white-bellied treepie (*Dendrocitta leucogastra*), black drongo (*Dicrurus adsimilis*), grey jungle fowl (*Gallus sonneratii*), rufous woodpecker (*Micropternus brachyurus*), Malabar whistling thrush (*Myiophonus horsfieldii*), black headed oriole (*Oriolus xanthornus*), ashy prinia (*Prinia socialis*), red whiskered bulbul (*Pycnonotus jocosus*), Indian garden lizard (*Calotes versicolor*), south Indian flying lizard (*Draco dussumieri*), spectacled cobra (*Naja naja*), Beddome's toad (*Duttaphrynus beddomii*), Malabar tree toad (*Pedostibes tuberculosus*), anil's bush frog (*Raorchestes anili*), malabar danio (*Devario malabaricus*), yellow catfish (*Horabagrus brachysoma*), Malabar rose (*Pachliopta pandiyana*), monkey puzzle (*Rathinda amor*), southern birdwing (*Troides minos*), etc;

AND WHEREAS, the major endemic species recorded from the Neyyar and Peppara Wildlife Sanctuaries kattuchena (*Amorphophallus commutatus*), anjili (*Artocarpus hirsutus Lam.*), amrithapala (*Janakia arayalpathra*), aatuchamba (*Syzygium occidentalis*), Nilgiri tahr (*Nilgiritragus hylocrius*), Malabar slender loris (*Loris lydekkerianus malabaricus*), brown palm civet (*Paradoxurus jerdoni caniscus*), stripe-necked mongoose (*Herpestes vitticollis*), Western Ghats striped squirrel (*Funambulus tristriatus*), Travancore flying squirrel (*Petinomys fuscocapillus*), southern tree pie (*Dendrocitta leucogastra*), Beddome's leaping frog (*Indirana beddomii*), Malabar tree toad (*Pedostibes tuberculosus*), Anil's bush frog (*Raorchestes anili*), Malabar danio (*Devario malabaricus*), kanara swift (*Caltoris canaraica*), Malabar tree nymph (*Idea malabarica*), red disk bush brown (*Mycalesis oculus*), Malabar rose (*Pachliopta pandiyana*), Malabar banded swallow tail (*Papilio liomedon*), palni fourring (*Ypthima ypthimoides*), etc;

AND WHEREAS, the *Myristica* swamps are one of the unique ecosystems found in Neyyar & Peppara Wildlife Sanctuary. These swamps are the only sites of occurrence of certain members of the ancient family Myristicaceae such as *Myristica fatua* (Kothappayin) and *Myristica dactyloides* (Pashupathi). These freshwater swamps play an important role in regulating the species diversity and abundance of both amphibians and reptiles. Also, the forests of Neyyar Sanctuary are the catchment areas of Neyyar River and forests of Peppara Sanctuary are the catchment areas of Karamana River;

AND WHEREAS, it is necessary to conserve and protect the area, the extent and boundaries of Neyyar and Peppara Wildlife Sanctuary which are specified in paragraph 1 as Eco-sensitive Zone from ecological, environmental and biodiversity point of view and to prohibit industries or class of industries and their operations and processes in the said Eco-sensitive Zone;

NOW, THEREFORE, in exercise of the powers conferred by sub-section (1) and clauses (v) and (xiv) of sub-section (2) and sub-section (3) of section 3 of the Environment (Protection) Act, 1986 (29 of 1986) (hereafter in this notification referred to as the Environment Act), read with sub-rule (3) of rule 5 of the Environment (Protection) Rules, 1986, the Central Government hereby notifies an area to an extent varying from 0 (zero) to 2.72 kilometres around the boundary of Neyyar and Peppara Wildlife Sanctuaries, in Thiruvananthapuram districts in the State of Kerala as the Eco-sensitive Zone (hereafter in this notification referred to as the Eco-sensitive Zone) details of which are as under, namely: -

- 1. Extent and boundaries of Eco-sensitive Zone.** – (1) The Eco-sensitive Zone shall be of 70.906 square kilometers with an extent of 0 (zero) to 2.72 kilometer from the boundaries of the protected areas of Neyyar & Peppara Wildlife Sanctuaries.

Direction	Extent of Eco-sensitive Zone (kilometers)
North - East	0 (zero)
East	0 (zero)
South - East	0 (zero)
South	0.22

South - West	1.16
West	2.72
North - West	2.39

Zero extent of Eco-sensitive Zone in north-east, east, and south east boundaries of the Neyyar and Peppara Wildlife Sanctuaries are interstate boundary shared with Tamil Nadu and also with Kalakkad Mundanthurai Tiger Reserve and Kanniyakumari Wildlife Sanctuary of Tamil Nadu.

- (2) The boundary description of Neyyar Wildlife Sanctuary and Peppara Wildlife Sanctuary and its Eco-sensitive Zone is appended as Table A, Table B and Table C of **Annexure-I**.
 - (3) The maps of the Neyyar and Peppara Wildlife Sanctuaries demarcating Eco-sensitive Zone along with boundary details and latitudes and longitudes are appended as **Annexure-IIA, Annexure-IIB, Annexure-IIC, Annexure-IID and Annexure-IIIE**.
 - (4) Lists of geo co-ordinates of the boundary of Neyyar Wildlife Sanctuary and Peppara Wildlife Sanctuary and Eco- sensitive Zone are given in Table A , Table B and Table C of **Annexure-III**.
 - (5) The list of villages falling in the Eco-sensitive Zone along with their geo co- ordinates at prominent points is appended as Table A and Table B **Annexure-IV**.
- 2. Zonal Master Plan for Eco-sensitive Zone.**-(1) The State Government shall, for the purposes of the Eco-sensitive Zone prepare a Zonal Master Plan within a period of two years from the date of publication of this notification in the Official Gazette, in consultation with local people and adhering to the stipulations given in this notification for approval of the competent authority in the State.
- (2) The Zonal Master Plan for the Eco-sensitive Zone shall be prepared by the State Government in such manner as is specified in this notification and also in consonance with the relevant Central and State laws and the guidelines issued by the Central Government, if any.
 - (3) The Zonal Master Plan shall be prepared in consultation with the following Departments of the State Government, for integrating the ecological and environmental considerations into the said plan:-
 - (i) Environment;
 - (ii) Forest and Wildlife;
 - (iii) Agriculture;
 - (iv) Revenue;
 - (v) Urban Development;
 - (vi) Tourism;
 - (vii) Rural Development;
 - (viii) Irrigation and Flood Control;
 - (ix) Municipal;
 - (x) Panchayati Raj;
 - (xi) Kerala State Pollution Control Board; and
 - (xii) Public Works Department.
 - (4) The Zonal Master Plan shall not impose any restriction on the approved existing land use, infrastructure and activities, unless so specified in this notification and the Zonal Master Plan shall factor in improvement of all infrastructure and activities to be more efficient and eco-friendly.
 - (5) The Zonal Master Plan shall provide for restoration of denuded areas, conservation of existing water bodies, management of catchment areas, watershed management, groundwater management, soil and moisture conservation, needs of local community and such other aspects of the ecology and environment that need attention.

- (6) The Zonal Master Plan shall demarcate all the existing worshipping places, villages and urban settlements, types and kinds of forests, agricultural areas, fertile lands, green area, such as, parks and like places, horticultural areas, orchards, lakes and other water bodies with supporting maps giving details of existing and proposed land use features.
- (7) The Zonal Master Plan shall regulate development in Eco-sensitive Zone and adhere to prohibited and regulated activities listed in the Table in paragraph 4 and also ensure and promote eco-friendly development for security of local communities' livelihood.
- (8) The Zonal Master Plan shall be co-terminus with the Regional Development Plan.
- (9) The Zonal Master Plan so approved shall be the reference document for the Monitoring Committee for carrying out its functions of monitoring in accordance with the provisions of this notification.

3. Measures to be taken by the State Government.- The State Government shall take the following measures for giving effect to the provisions of this notification, namely:-

- (1) **Land use.**— (a) Forests, horticulture areas, agricultural areas, parks and open spaces earmarked for recreational purposes in the Eco-sensitive Zone shall not be used or converted into areas for commercial or residential or industrial activities:

Provided that the conversion of agricultural and other lands, for the purposes other than that specified at part (a) above, within the Eco-sensitive Zone may be permitted on the recommendation of the Monitoring Committee, and with the prior approval of the competent authority under Regional Town Planning Act and other rules and regulations of Central Government or State Government as applicable and *vide* provisions of this notification, to meet the residential needs of the local residents and for activities such as-

- (i) widening and strengthening of existing roads and construction of new roads;
- (ii) construction and renovation of infrastructure and civic amenities;
- (iii) small scale industries not causing pollution;
- (iv) cottage industries including village industries; convenience stores and local amenities supporting eco-tourism including home stay; and
- (v) promoted activities given in paragraph 4:

Provided further that no use of tribal land shall be permitted for commercial and industrial development activities without the prior approval of the competent authority under Regional Town Planning Act and other rules and regulations of the State Government and without compliance of the provisions of article 244 of the Constitution or the law for the time being in force, including the Scheduled Tribes and Other Traditional Forest Dwellers (Recognition of Forest Rights) Act, 2006 (2 of 2007):

Provided also that any error appearing in the land records within the Eco-sensitive Zone shall be corrected by the State Government, after obtaining the views of Monitoring Committee, once in each case and the correction of said error shall be intimated to the Central Government in the Ministry of Environment, Forest and Climate Change:

Provided also that the correction of error shall not include change of land use in any case except as provided under this sub-paragraph.

- (b) Efforts shall be made to reforest the unused or unproductive agricultural areas with afforestation and habitat restoration activities.
- (2) **Natural water bodies.**—The catchment areas of all natural springs shall be identified and plans for their conservation and rejuvenation shall be incorporated in the Zonal Master Plan and the guidelines shall be drawn up by the State Government in such a manner as to prohibit development activities at or near these areas which are detrimental to such areas.
- (3) **Tourism or eco-tourism.**— (a) All new eco-tourism activities or expansion of existing tourism activities within the Eco-sensitive Zone shall be as per the Tourism Master Plan for the Eco-sensitive Zone.

- (b) The Tourism Master Plan shall be prepared by the State Department of Tourism in consultation with the State Departments of Environment and Forests.
- (c) The Tourism Master Plan shall form a component of the Zonal Master Plan.
- (d) The Tourism Master Plan shall be drawn based on the study of carrying capacity of the Eco-sensitive Zone.
- (e) The activities of eco-tourism shall be regulated as under, namely: -

- (i) new construction of hotels and resorts shall not be allowed within one kilometre from the boundary of the protected area or upto the extent of the Eco-sensitive Zone, whichever is nearer:

Provided that beyond the distance of one kilometre from the boundary of the protected area till the extent of the Eco-sensitive Zone, the establishment of new hotels and resorts shall be allowed only in pre-defined and designated areas for eco-tourism facilities as per Tourism Master Plan;

- (ii) all new tourism activities or expansion of existing tourism activities within the Eco-sensitive Zone shall be in accordance with the guidelines issued by the Central Government in the Ministry of Environment, Forest and Climate Change and the eco-tourism guidelines issued by the National Tiger Conservation Authority (as amended from time to time) with emphasis on eco-tourism, eco- education and eco-development;
 - (iii) until the Zonal Master Plan is approved, development for tourism and expansion of existing tourism activities shall be permitted by the concerned regulatory authorities based on the actual site specific scrutiny and recommendation of the Monitoring Committee and no new hotel, resort or commercial establishment construction shall be permitted within Eco-sensitive Zone area.
- (4) **Natural heritage.-** All sites of valuable natural heritage in the Eco-sensitive Zone, such as the gene pool reserve areas, rock formations, waterfalls, springs, gorges, groves, caves, points, walks, rides, cliffs, etc. shall be identified and a heritage conservation plan shall be drawn up for their preservation and conservation as a part of the Zonal Master Plan.
- (5) **Man-made heritage sites.-** Buildings, structures, artefacts, areas and precincts of historical, architectural, aesthetic, and cultural significance shall be identified in the Eco-sensitive Zone and heritage conservation plan for their conservation shall be prepared as part of the Zonal Master Plan.
- (6) **Noise pollution. -** Prevention and control of noise pollution in the Eco- sensitive Zone shall be carried out in accordance with the provisions of the Noise Pollution (Regulation and Control) Rules, 2000 under the Environment Act.
- (7) **Air pollution.-** Prevention and control of air pollution in the Eco-sensitive Zone shall be carried out in accordance with the provisions of the Air (Prevention and Control of Pollution) Act, 1981 (14 of 1981) and the rules made there under.
- (8) **Discharge of effluents.-** Discharge of treated effluent in Eco-sensitive Zone shall be in accordance with the provisions of the General Standards for Discharge of Environmental Pollutants covered under the Environment Act and the rules made there under or standards stipulated by the State Government, whichever is more stringent.
- (9) **Solid wastes.-** Disposal and Management of solid wastes shall be as under:-
- (a) the solid waste disposal and management in the Eco-sensitive Zone shall be carried out in accordance with the Solid Waste Management Rules, 2016, published by the Government of India in the Ministry of Environment, Forest and Climate Change *vide* notification number S.O. 1357 (E), dated the 8th April, 2016; the inorganic material may be disposed in an environmental acceptable manner at site identified outside the Eco- sensitive Zone;
 - (b) safe and Environmentally Sound Management of Solid wastes in conformity with the existing rules and regulations using identified technologies may be allowed within Eco-sensitive Zone.

- (10) Bio-Medical Waste.**— Bio-Medical Waste Management shall be as under:-
- the Bio-Medical Waste disposal in the Eco-sensitive Zone shall be carried out in accordance with the Bio-Medical Waste Management Rules, 2016, published by the Government of India in the Ministry of Environment, Forest and Climate Change *vide* notification number G.S.R. 343 (E), dated the 28th March, 2016.
 - safe and Environmentally Sound Management of Bio-Medical Wastes in conformity with the existing rules and regulations using identified technologies may be allowed within the Eco-sensitive Zone.
- (11) Plastic waste management.**— The plastic waste management in the Eco-sensitive Zone shall be carried out as per the provisions of the Plastic Waste Management Rules, 2016, published by the Government of India in the Ministry of Environment, Forest and Climate Change *vide* notification number G.S.R. 340(E), dated the 18th March, 2016, as amended from time to time.
- (12) Construction and demolition waste management.** - The construction and demolition waste management in the Eco-sensitive Zone shall be carried out as per the provisions of the Construction and Demolition Waste Management Rules, 2016 published by the Government of India in the Ministry of Environment, Forest and Climate Change *vide* notification number G.S.R. 317(E), dated the 29th March, 2016, as amended from time to time.
- (13) E-waste.**— The e-waste management in the Eco-sensitive Zone shall be carried out as per the provisions of the E-Waste Management Rules, 2016, published by the Government of India in the Ministry of Environment, Forest and Climate Change, as amended from time to time.
- (14) Vehicular traffic.**— The vehicular movement of traffic shall be regulated in a habitat friendly manner and specific provisions in this regard shall be incorporated in the Zonal Master Plan and till such time as the Zonal Master plan is prepared and approved by the competent authority in the State Government, the Monitoring Committee shall monitor compliance of vehicular movement under the relevant Acts and the rules and regulations made thereunder.
- (15) Vehicular pollution.**— Prevention and control of vehicular pollution shall be in compliance with applicable laws and efforts shall be made for use of cleaner fuels.
- (16) Industrial units.**— (a) On or after the publication of this notification in the Official Gazette, no new polluting industries shall be permitted to be set up within the Eco-sensitive Zone.
- Only non-polluting industries shall be allowed within Eco-sensitive Zone as per the classification of Industries in the guidelines issued by the Central Pollution Control Board in February, 2016, as amended from time to time, unless so specified in this notification, and in addition, the non-polluting cottage industries shall be promoted.
- (17) Protection of hill slopes.**— The protection of hill slopes shall be as under:-
- the Zonal Master Plan shall indicate areas on hill slopes where no construction shall be permitted;
 - construction on existing steep hill slopes or slopes with a high degree of erosion shall not be permitted.
- 4. List of activities prohibited or to be regulated within Eco-sensitive Zone.**— All activities in the Eco-sensitive Zone shall be governed by the provisions of the Environment Act and the rules made there under including the Coastal Regulation Zone, 2011 and the Environmental Impact Assessment Notification, 2006 and other applicable laws including the Forest (Conservation) Act, 1980 (69 of 1980), the Indian Forest Act, 1927 (16 of 1927), the Wildlife (Protection) Act 1972 (53 of 1972), and amendments made thereto and be regulated in the manner specified in the Table below, namely:

TABLE

S. No.	Activity	Description
A. Prohibited Activities		
1.	Commercial mining, stone quarrying and crushing units.	(a) All new and existing mining (minor and major minerals), stone quarrying and crushing units shall be prohibited with immediate effect except for meeting the domestic needs of bona fide local residents including digging of earth for construction or repair of houses within Eco- sensitive Zone; (b) The mining operations shall be carried out in accordance with the order of the Hon'ble Supreme Court dated the 4 th August, 2006 in the matter of T.N. Godavarman Thirumulpad Vs. UOI in W.P.(C) No.202 of 1995 and dated the 21 st April, 2014 in the matter of Goa Foundation Vs. UOI in W.P.(C) No.435 of 2012.
2.	Setting of industries causing pollution (Water, Air, Soil, Noise, etc.).	New industries and expansion of existing polluting industries in the Eco-sensitive Zone shall not be permitted: Provided that, non-polluting industries shall be allowed within Eco-sensitive Zone as per classification of Industries in the guidelines issued by the Central Pollution Control Board in February, 2016, as amended from time to time, unless so specified in this notification and in addition, the non-polluting cottage industries shall be promoted.
3.	Establishment of major hydroelectric project.	Prohibited.
4.	Use or production or processing of any hazardous substance.	Prohibited.
5.	Discharge of untreated effluents in natural water bodies or land area.	Prohibited.
6.	Establishment of solid waste disposal site and common incineration facility for solid and bio-medical waste.	No new solid waste disposal site and waste treatment/processing facility of solid waste are permitted within ESZ. Further installation of common or individual incineration facility for treatment of any form of solid waste generated from industrial process and health establishment/ hospitals etc. is prohibited.
7.	Establishment of large-scale commercial livestock and poultry farms by firms, corporate, companies.	Prohibited as per applicable laws except for homestead farming.
8.	New wood based industry.	Prohibited.
9.	Manufacturing and storage of explosive items.	Prohibited.
10.	Conversion of hills for commercial purpose.	Prohibited.
11.	Setting up of new saw mills.	New or expansion of existing saw mills shall not be permitted within the Eco-sensitive Zone.
12.	Commercial use of firewood	Prohibited.

13.	Setting up of brick kilns.	Prohibited.
14.	Encroachment of river banks and destruction of river bank vegetation, collection of river stone.	Prohibited.
15.	Dumping of solid wastes/ plastic wastes/ chemical wastes in the river and the land area.	Prohibited.
B. Regulated Activities		
16.	Commercial establishment of hotels and resorts.	<p>No new commercial hotels and resorts shall be permitted within one kilometer of the boundary of the Protected Area or upto the extent of Eco-sensitive zone, whichever is nearer, except for small temporary structures for Eco-tourism activities:</p> <p>Provided that, beyond one kilometer from the boundary of the protected Area or upto the extent of Eco-sensitive Zone whichever is nearer, all new tourist activities or expansion of existing activities shall be in conformity with the Tourism Master Plan and guidelines as applicable.</p>
17.	Construction activities.	<p>(a) New commercial construction of any kind shall not be permitted within one kilometer from the boundary of the Protected Area or upto extent of the Eco-sensitive Zone whichever is nearer:</p> <p>Provided that, local people shall be permitted to undertake construction in their land for their use including the activities listed in sub-paragraph (1) of paragraph 3 as per building bye-laws to meet the residential needs of the local residents:</p> <p>Provided that the construction activity related to small scale industries not causing pollution shall be regulated and kept at the minimum, with the prior permission from the competent authority as per applicable rules and regulations, if any.</p> <p>(b) Beyond one kilometer it shall be regulated as per the Zonal Master Plan.</p>
18.	Small scale non-polluting industries.	Non polluting industries as per classification of industries issued by the Central Pollution Control Board in February, 2016, as amended from time to time and non-hazardous, small-scale and service industry, agriculture, floriculture, horticulture or agro-based industry producing products from indigenous materials from the Eco-sensitive Zone shall be permitted by the competent Authority.
19.	Felling of trees.	<p>(a) There shall be no felling of trees in the forest or Government or revenue or private lands without prior permission of the competent authority in the State Government.</p> <p>(b) The felling of trees shall be regulated in accordance with the provisions of the concerned Central or State Act and the rules made there under.</p>

20.	Collection of Forest Produce or Non-Timber Forest Produce.	Regulated under applicable laws.
21.	Erection of electrical and communication towers and laying of cables and other infrastructures.	Regulated under applicable laws of underground cabling may be promoted.
22.	Infrastructure including civic amenities.	Taking measures of mitigation, as per applicable laws, rules and regulation and available guidelines.
23.	Widening and strengthening of existing roads and construction of new roads.	Taking measures of mitigation, as per applicable laws, rules and regulation and available guidelines.
24.	Undertaking other activities related to tourism like over flying over the Eco-sensitive Zone area by hot air balloon, helicopter, drones, Microlites, etc	Regulated as per the applicable laws.
25.	Protection of Hill Slopes and river banks.	Regulated as per the applicable laws.
26.	Movement of vehicular traffic at night.	Regulated for commercial purpose under applicable laws.
27.	Ongoing agriculture and horticulture practices by local communities along with dairies, dairy farming, aquaculture and fisheries.	Permitted as per the applicable laws for use of locals.
28.	Discharge of treated waste water/effluents in natural water bodies or land area.	The discharge of treated waste water or effluents shall be avoided to enter into the water bodies and efforts shall be made for recycle and reuse of treated waste water. Otherwise the discharge of treated waste water/effluent shall be regulated as per the applicable laws.
29.	Commercial extraction of surface and ground water.	Regulated under applicable laws.
30.	Open Well, Bore Well, etc. for agriculture or other usage.	Regulated and the activity should be strictly monitored by the appropriate authority.
31.	Solid Waste Management.	Regulated as per the applicable laws.
32.	Use of polythene bags.	Regulated as per the applicable laws.
33.	Introduction of exotic species	Regulated as per the applicable laws.
34.	Eco-tourism.	Regulated as per the applicable laws.
35.	Commercial Sign boards and hoardings.	Regulated as per the applicable laws.
C. Promoted Activities		
36.	Rain water harvesting.	Shall be actively promoted.
37.	Organic farming.	Shall be actively promoted.
38.	Adoption of green technology for all activities.	Shall be actively promoted.

39.	Cottage industries including village artisans, etc.	Shall be actively promoted.
40.	Use of renewable energy and fuels.	Bio-gas, solar light etc. shall be actively promoted.
41.	Agro-Forestry.	Shall be actively promoted.
42.	Plantation of Horticulture and Herbs.	Shall be actively promoted.
43.	Use of eco-friendly transport.	Shall be actively promoted.
44.	Skill Development.	Shall be actively promoted.
45.	Restoration of Degraded Land/ Forests/ Habitat.	Shall be actively promoted.
46.	Environmental Awareness.	Shall be actively promoted.

5. Monitoring Committee for Monitoring the Eco-sensitive Zone Notification.- For effective monitoring of the provisions of this notification under sub-section (3) of section 3 of the Environment (Protection) Act, 1986, the Central Government hereby constitutes a Monitoring Committee, comprising of the following, namely:-

S. No.	Constituent of the Monitoring Committee	Designation
1.	The District Collector, Thiruvananthapuram	Chairman;
2.	The District Panchayath President, Thiruvananthapuram	Member;
3.	One representative of Non-governmental Organizations working in the field of natural conservation (including heritage conservation) to be nominated by the Government of Kerala	Member;
4.	One expert in Ecology and environment from reputed Institution or University in the State of Kerala to be nominated by Government of Kerala for a term of one year in each case.	Member;
5.	One representative of Kerala State Biodiversity Board	Member;
6.	The Wildlife Warden, Thiruvananthapuram	Member Secretary.

6. Terms of reference. – (1) The Monitoring Committee shall monitor the compliance of the provisions of this notification.

- (2) The tenure of the Monitoring committee shall be till further orders, provided that the non-official members of the Committee shall be nominated by the State Government from time to time.
- (3) The activities that are covered in the Schedule to the notification of the Government of India in the erstwhile Ministry of Environment and Forests number S.O. 1533 (E), dated the 14th September, 2006, and are falling in the Eco-sensitive Zone, except for the prohibited activities as specified in the Table under paragraph 4 thereof, shall be scrutinised by the Monitoring Committee based on the actual site-specific conditions and referred to the Central Government in the Ministry of Environment, Forest and Climate Change for prior environmental clearances under the provisions of the said notification.
- (4) The activities that are not covered in the Schedule to the notification of the Government of India in the erstwhile Ministry of Environment and Forest number S.O. 1533 (E), dated the 14th September, 2006 and are falling in the Eco-sensitive Zone, except for the prohibited activities as specified in the Table under paragraph 4 thereof, shall be scrutinised by the Monitoring Committee based on the actual site-specific conditions and referred to the concerned regulatory authorities.
- (5) The Member-Secretary of the Monitoring Committee or the concerned Deputy Commissioner(s) shall be competent to file complaints under section 19 of the Environment Act, against any person who contravenes the provisions of this notification.

- (6) The Monitoring Committee may invite representatives or experts from concerned Departments, representatives from industry associations or concerned stakeholders to assist in its deliberations depending on the requirements on issue to issue basis.
- (7) The Monitoring Committee shall submit the annual action taken report of its activities as on the 31st March of every year by the 30th June of that year to the Chief Wildlife Warden in the State as per proforma appended at Annexure V.
- (8) The Central Government in the Ministry of Environment, Forest and Climate Change may give such directions, as it deems fit, to the Monitoring Committee for effective discharge of its functions.

7. Additional Measures.- The Central Government and State Government may specify additional measures, if any, for giving effect to provisions of this notification.

8. Supreme Court, etc. orders.- The provisions of this notification shall be subject to the orders, if any passed or to be passed by the Hon'ble Supreme Court of India or High Court or the National Green Tribunal

[F. No. 25/104/2015-ESZ-RE]

TANMAY KUMAR, Addl. Secy.

ANNEXURE- I

BOUNDARY DESCRIPTION OF ECO-SENSITIVE ZONE OF NEYYAR WILDLIFE SANCTUARY AND PEPPARA WILDLIFE SANCTUARY

Table A: Boundary description of Neyyar Wildlife Sanctuary;

DIRECTIONS	DESCRIPTION
NORTH	Starting from Vlavetty, a point about 2.41Km North-East of Neyyar Dam site, the boundary runs along the eastern boundary of Paruthippally Range of Thiruvananthapuram Forest Division up to Karimalakari at 636m, passing Chottupara at 491m and then along the common boundary of Neyyar and Peppara Sanctuaries and runs along the North-East direction along the watershed line between Neyyar and Karamana rivers passing Mappimalai at 710m, Kannankunnu, Nachiyadikunnu at 985m upto Athirumala at 1594m, the State boundary.
EAST	Starting from Athirumala, the boundary runs along the state boundary passing Agasthyamala at 1868 m, Vavattimala at 1862m, Varayattumudi at 1416m, and the points of 662m and 701m upto Vengulamala at 756m.
SOUTH	From Vengulamala, the boundary runs along the state boundary up to Anamugham and then along the level of Full Reservoir Level (FRL) to Neyyar Dam site.
WEST	From dam site the boundary runs along the FRL level up to Thooripara, a portion of Kottoor extension reserve, and then along the boundary of Nettukaltherikunnu reserve forests up to Mlavetty, the starting point.

Table B: Boundary description of Peppara Wildlife Sanctuary;

DIRECTIONS	DESCRIPTION
NORTH	From the point where Vithura-Bonaccord road enters the catchments area of the Peppara dam, the boundary runs along the watershed boundary of the catchment area till it reaches the boundary of Bonaccord tea estate, from where it passes along the Southern boundary of the estate till it reaches the eastern boundary of the estate. From there it runs along the watershed boundary of Peppara reservoir to Chemmunjimottai.

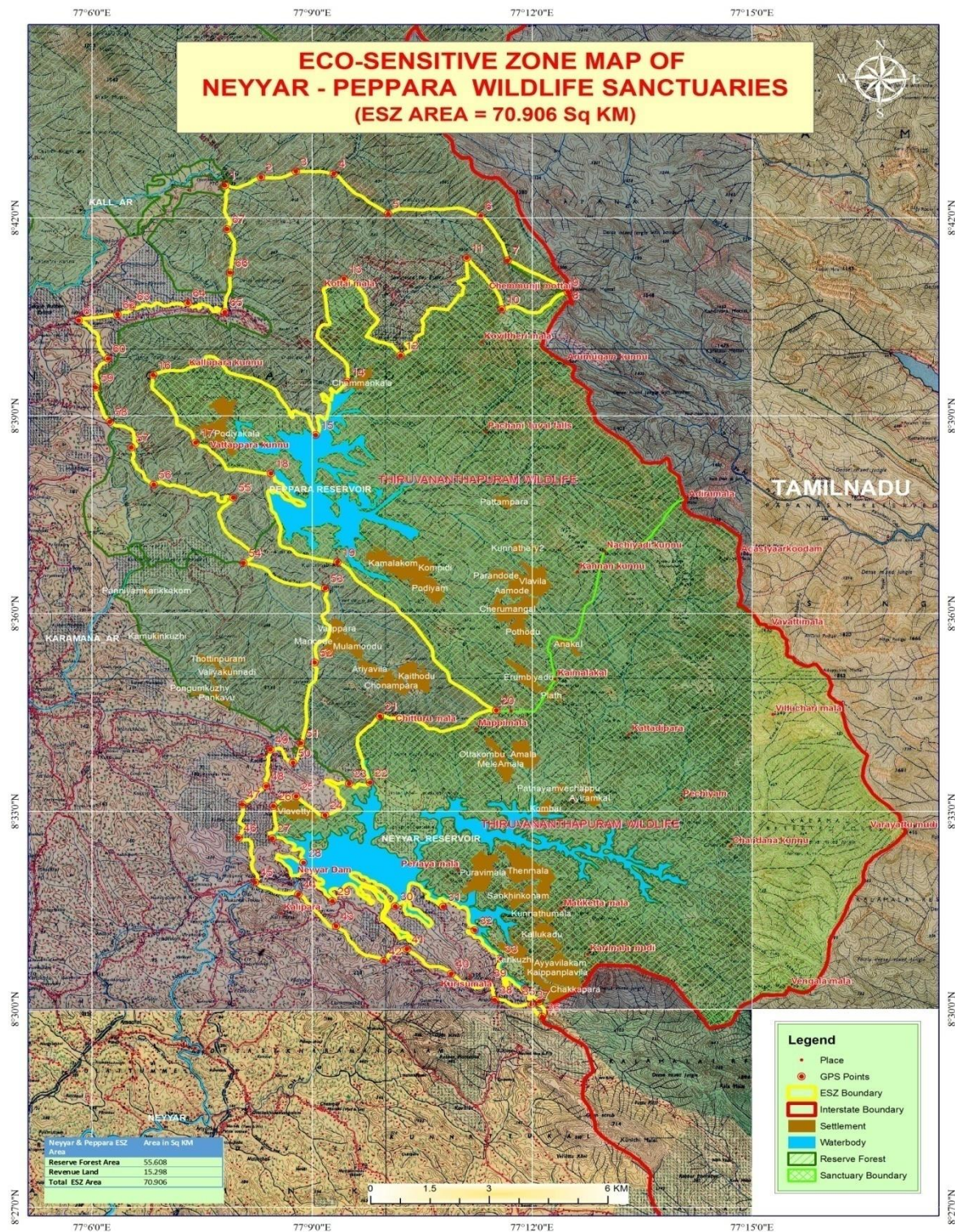
EAST	From Chemmunjimottai the boundary runs along the inter-state boundary of Kerala and Tamil Nadu passing Arumukhamkunnu (1457 m.) till it reaches the Athirumala peak (1594 m.). From Athirumala peak the boundary runs along the watershed boundary between Neyyar Wildlife Sanctuary and Karamana river basin till it reaches Kadiramudimalai passing along the following peaks Nachiyadikunnu (988 m.), Kannan kunnu and Karimalakari (636 m.).
SOUTH	From Kadirumudi the boundary follows the watershed area of Peppara reservoir along the Agasthiavanam Biological Park till it reaches the Peppara dam.
WEST	Starting from the Peppara dam, along the left bank of the water spread area of the dam, excluding the plantation areas and including all the natural reserve portion in the catchments area, till it reaches the Vithura-Bonoccord road in the north passing through the following peaks: Orachankunnu, Vattaparakunnu, Kalluparakunnu (473m) and Pumadathu kunnu.

Table C : Boundary description of Eco-Sensitive Zone of Neyyar & Peppara Wildlife Sanctuaries;

DIRECTIONS	DESCRIPTION
NORTH	Starting from Kallar bridge (Point 1) on Vamanapuram river runs along the course of river till it reaches the State boundary at Chemmunjimottai (Point 9).
NORTH EAST	Starting from Chemmunjimottai (Point 9) runs along the common boundary of Peppara Wildlife Sanctuary and Parithippally Range till it reaches Kottamala, also called Karichatty motta. Thence proceeds from Karichatty motta to Chathencode along Peppara Wildlife Sanctuary boundary and then to Kalluparakkunnu (Point 16)
EAST	Thence, from Kalluparakkunnu runs along the Peppara Wildlife Sanctuary boundary through Vattaparakunnu to meet Peppara reservoir at Point 18 and follows down along the Peppara reservoir boundary.
SOUTH EAST	Starting from Peppara reservoir boundary at Point 18, runs south east along the Peppara Wildlife Sanctuary boundary to Kadirmudy (Point 20), thence from Kadirmudy runs West along the Neyyar Wildlife Sanctuary boundary through Chottupara to Kappukadu and then to Vlavetty through Nettukalthery and to Marakkunnam to Neyyar Dam along Neyyar Wildlife Sanctuary. Thence runs along the side of Neyyar reservoir through Koliyakkodu to Nirappukala to Pantha and then to Mayam and ends at Parathi (Point 32).
SOUTH	From Parathi runs along the Neyyar Wildlife Sanctuary boundary through Karikkuzhy and then continues through Anamugham road till it meets at Koottappu junction and then proceeds along Kudappanamoodu - Neyyar road through Poochamukku and meets at Kandamthitta (Point 41)..
SOUTH WEST	From Kandamthitta runs to Edavachal, along the Kandamthitta-Vavodu road and then along the course of Kottumamthodu till it reaches the confluence of Neyyar river, thence proceeds to Perijamkadavu and intersects the Neyyar Dam Kallikkadu road and runs over the Neyyar Left Bank Canal along Mathancode stream. The boundary further reaches Kottoor (Point 49) along Kalliyal-Kottoor road
WEST	From Kottoor the boundary proceeds to Mancode along Kottoor-Valippara road and then to Anchunazhikathodu causeway. Thence runs to Perumonthodu (Kottoorthodu) and meets Karamana river at Mudakki and runs along Karamana river from Ottappura till Kuttappara thodu (Point 55).
NORTH WEST	From Kuttappara thodu, the boundary runs along the Vithura-Peppara road till it reaches Mankala and thence through Kaleekkal street road, nearby the forest boundary of Paruthippally Range. Thence proceeds to reach Moonnam number in Vithura-Bonacaud Road along the Vithura Bonacaud road and ends at Makki through Kathippara, Aranamkuzhy, till it reaches and ends at Kallar Bridge.

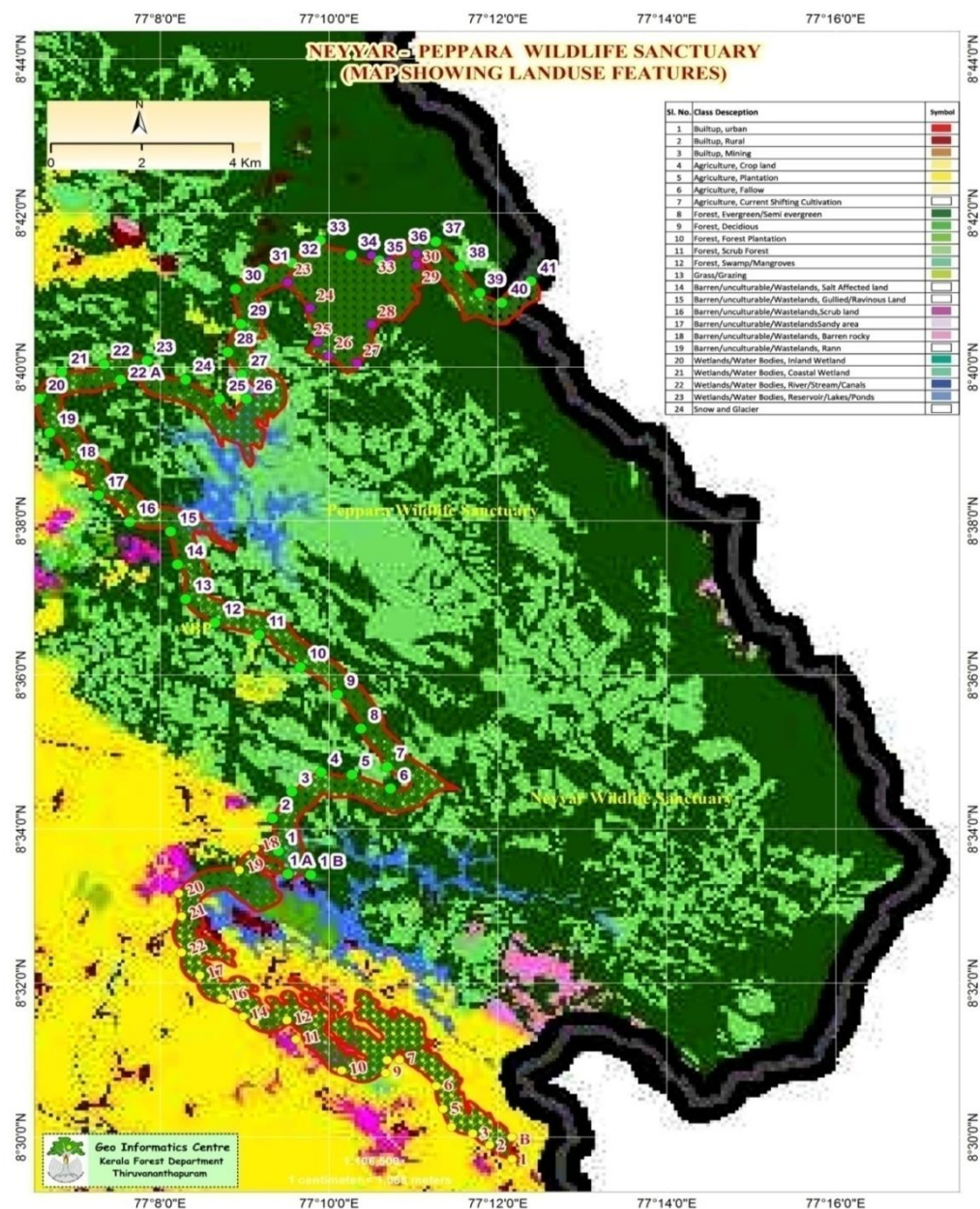
ANNEXURE- IIA

MAP OF ECO-SENSITIVE ZONE OF NEYYAR WILDLIFE SANCTUARY AND PEPPARA WILDLIFE SANCTUARY ALONG WITH LATITUDE AND LONGITUDE OF PROMINENT LOCATIONS



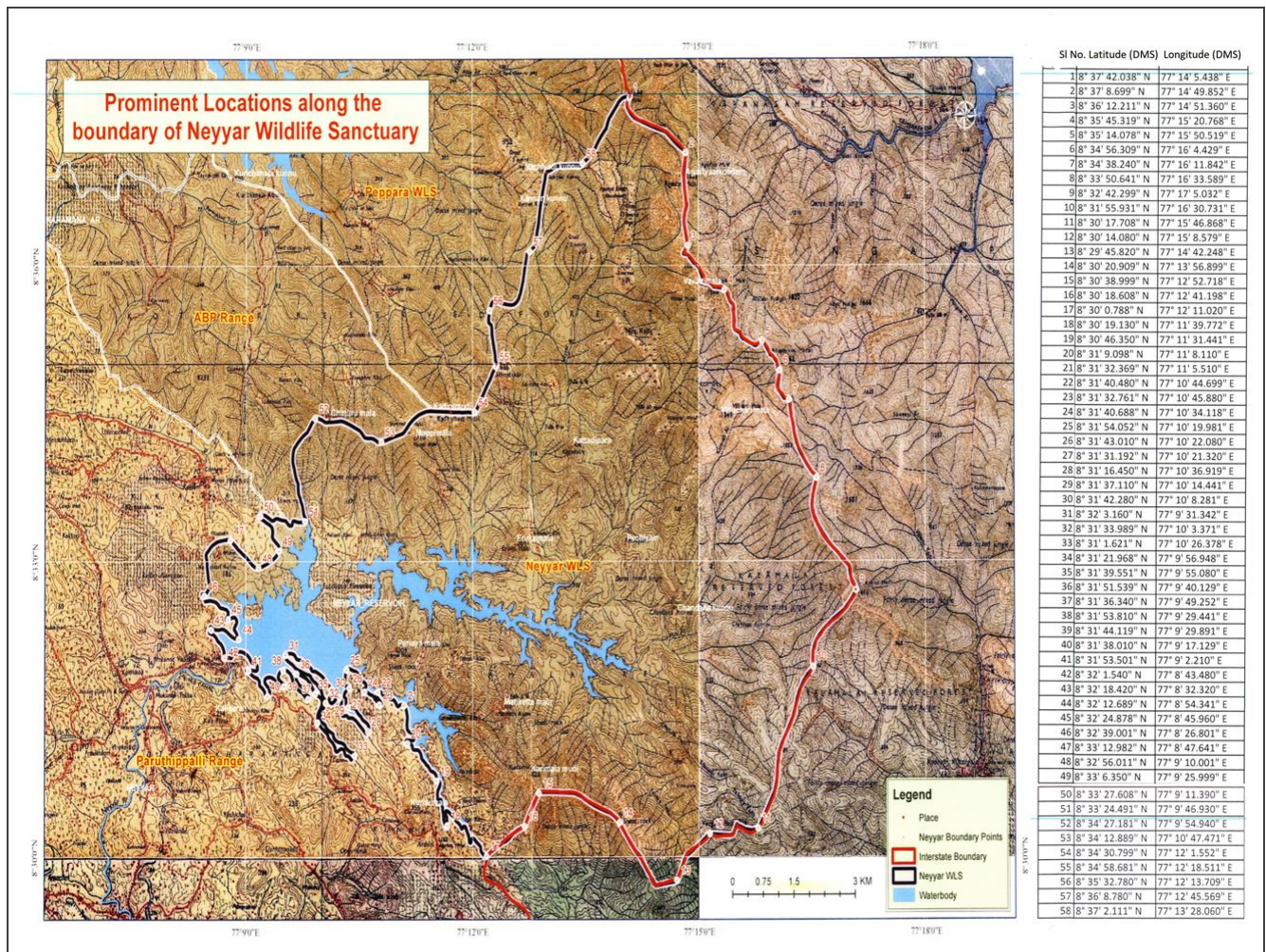
ANNEXURE- IIB

LAND USE MAP OF ECO-SENSITIVE ZONE OF NEYYAR WILDLIFE SANCTUARY AND PEPPARA WILDLIFE SANCTUARY ALONG WITH LATITUDE AND LONGITUDE OF PROMINENT LOCATIONS



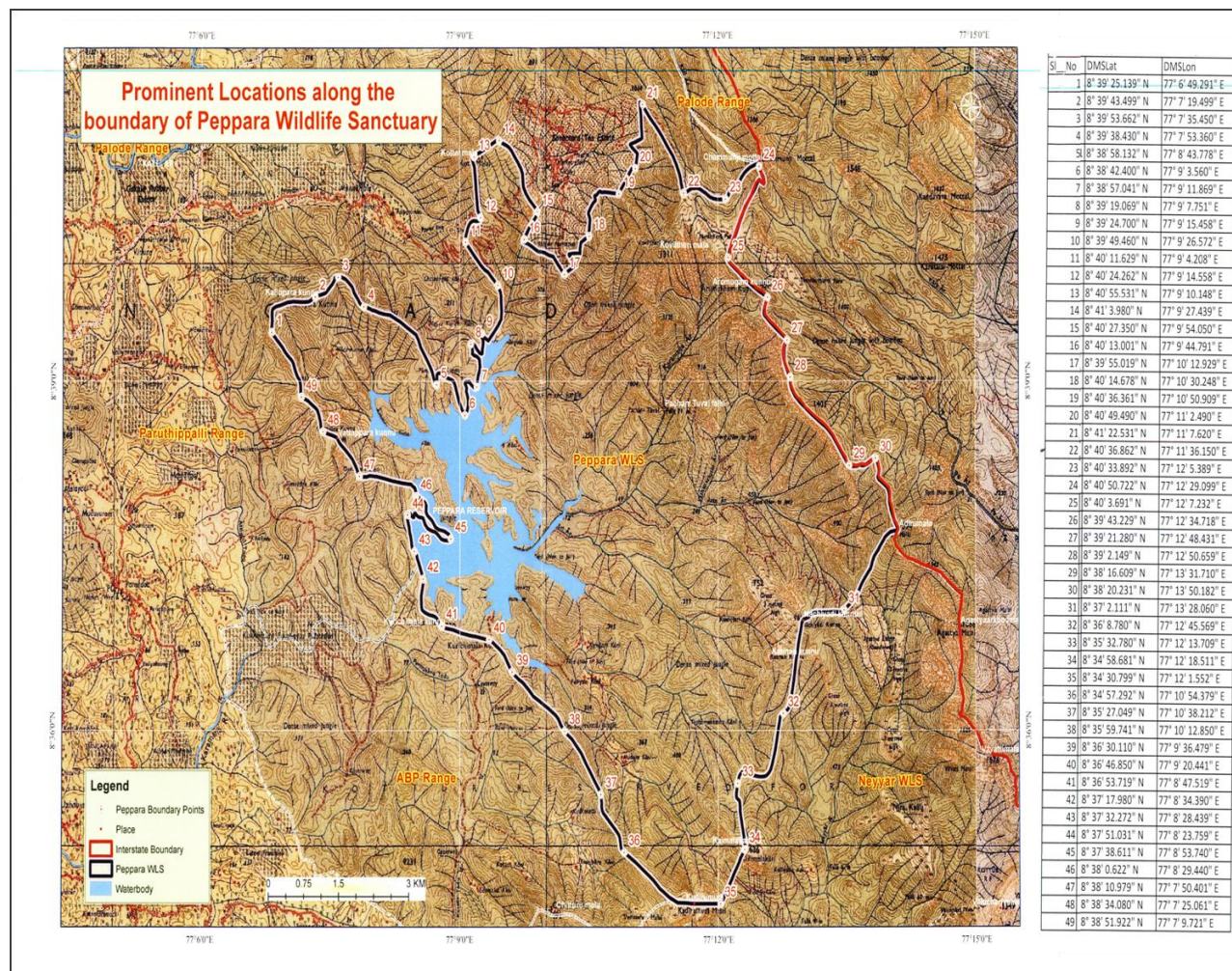
ANNEXURE- IIC

MAP OF NEYYAR WILDLIFE SANCTUARY ALONG WITH LATITUDE AND LONGITUDE OF PROMINENT LOCATIONS



ANNEXURE- IID

MAP OF PEPPARA WILDLIFE SANCTUARY ALONG WITH LATITUDE AND LONGITUDE OF PROMINENT LOCATIONS



ANNEXURE- IIE

**LOCATION MAP OF ECO-SENSITIVE ZONE AROUND NEYYAR WILDLIFE
SANCTUARY & PEPPARA WILDLIFE SANCTUARY**



ANNEXURE –III

TABLE A: LATITUDE-LONGITUDE OF PROMINENT LOCATIONS ALONG THE BOUNDARY OF NEYYAR WILDLIFE SANCTUARY.

Sl.No.	LOCATION	LONGITUDE	LATITUDE
1	Klamala 1	77°14' 42.25" E	8°29' 45.82" N
2	Klamala 1	77°13' 56.9" E	8°30' 20.91" N
3	Klamala 1	77°12' 52.72" E	8°30' 39" N
4	Klamala 1	77°12' 41.2" E	8°30' 18.61" N

5	Klamala 1	77°12' 11.02" E	8°30' 0.79" N
6	Klamala 2	77°15' 20.77" E	8°35' 45.32" N
7	Klamala 2	77°14' 51.36" E	8°36' 12.21" N
8	Klamala 2	77°15' 50.52" E	8°35' 14.08" N
9	Klamala 2	77°16' 4.43" E	8°34' 56.31" N
10	Klamala 2	77°16' 11.84" E	8°34' 38.24" N
11	Klamala 2	77°16' 33.59" E	8°33' 50.64" N
12	Klamala 2	77°17' 5.03" E	8°32' 42.3" N
13	Klamala 2	77°16' 30.73" E	8°31' 55.93" N
14	Klamala 2	77°15' 46.87" E	8°30' 17.71" N
15	Klamala 2	77°15' 8.58" E	8°30' 14.08" N
16	Kottur	77°14' 5.44" E	8°37' 42.04" N
17	Kottur	77°8' 47.64" E	8°33' 12.98" N
18	Kottur	77°8' 26.8" E	8°32' 39" N
19	Kottur	77°8' 45.96" E	8°32' 24.88" N
20	Kottur	77°8' 54.34" E	8°32' 12.69" N
21	Kottur	77°8' 32.32" E	8°32' 18.42" N
22	Kottur	77°8' 43.48" E	8°32' 1.54" N
23	Kottur	77°9' 2.21" E	8°31' 53.5" N
24	Kottur	77°9' 17.13" E	8°31' 38.01" N
25	Kottur	77°9' 10" E	8°32' 56.01" N
26	Kottur	77°9' 26" E	8°33' 6.35" N
27	Kottur	77°9' 11.39" E	8°33' 27.61" N
28	Kottur	77°14' 49.85" E	8°37' 8.7" N
29	Kottur	77°11' 39.77" E	8°30' 19.13" N
30	Kottur	77°11' 31.44" E	8°30' 46.35" N
31	Kottur	77°11' 8.11" E	8°31' 9.1" N
32	Kottur	77°11' 5.51" E	8°31' 32.37" N
33	Kottur	77°10' 44.7" E	8°31' 40.48" N
34	Kottur	77°10' 34.12" E	8°31' 40.69" N
35	Kottur	77°10' 45.88" E	8°31' 32.76" N
36	Kottur	77°10' 19.98" E	8°31' 54.05" N
37	Kottur	77°10' 22.08" E	8°31' 43.01" N
38	Kottur	77°10' 36.92" E	8°31' 16.45" N
39	Kottur	77°10' 14.44" E	8°31' 37.11" N
40	Kottur	77°10' 21.32" E	8°31' 31.19" N
41	Kottur	77°10' 8.28" E	8°31' 42.28" N
42	Kottur	77°9' 31.34" E	8°32' 3.16" N
43	Kottur	77°10' 3.37" E	8°31' 33.99" N
44	Kottur	77°10' 26.38" E	8°31' 1.62" N

45	Kottur	77°9' 56.95" E	8°31' 21.97" N
46	Kottur	77°9' 55.08" E	8°31' 39.55" N
47	Kottur	77°9' 40.13" E	8°31' 51.54" N
48	Kottur	77°9' 49.25" E	8°31' 36.34" N
49	Kottur	77°9' 29.44" E	8°31' 53.81" N
50	Kottur	77°9' 29.89" E	8°31' 44.12" N
51	Kottur	77° 13' 28.06" E	8° 37' 2.11" N
52	Kottur	77° 12' 45.57" E	8° 36' 8.78" N
53	Kottur	77° 12' 13.71" E	8° 35' 32.78" N
54	Kottur	77° 12' 18.51" E	8° 34' 58.68" N
55	Kottur	77° 12' 1.55" E	8° 34' 30.8" N
56	Kottur	77° 10' 47.47" E	8° 34' 12.89" N
57	Kottur	77° 9' 54.94" E	8° 34' 27.18" N
58	Kottur	77° 9' 46.93" E	8° 33' 24.49" N

TABLE B: LATITUDE-LONGITUDE OF PROMINENT LOCATIONS ALONG THE BOUNDARY OF PEPPARA WILDLIFE SANCTUARY.

Sl. No.	LOCATION	LONGITUDE	LATITUDE
1	Athirumala	77° 8' 34.39" E	8° 37' 17.98" N
2	Athirumala	77° 8' 47.52" E	8° 36' 53.72" N
3	Athirumala	77° 9' 20.44" E	8° 36' 46.85" N
4	Athirumala	77° 9' 36.48" E	8° 36' 30.11" N
5	Athirumala	77° 10' 12.85" E	8° 35' 59.74" N
6	Athirumala	77° 10' 38.21" E	8° 35' 27.05" N
7	Athirumala	77° 10' 54.38" E	8° 34' 57.29" N
8	Athirumala	77° 13' 28.06" E	8° 37' 2.11" N
9	Athirumala	77° 12' 45.57" E	8° 36' 8.78" N
10	Athirumala	77° 12' 13.71" E	8° 35' 32.78" N
11	Athirumala	77° 12' 18.51" E	8° 34' 58.68" N
12	Athirumala	77° 12' 1.55" E	8° 34' 30.8" N
13	Athirumala	77°12' 34.72" E	8°39' 43.23" N
14	Athirumala	77°12' 48.43" E	8°39' 21.28" N
15	Athirumala	77°12' 50.66" E	8°39' 2.15" N
16	Athirumala	77°13' 31.71" E	8°38' 16.61" N
17	Athirumala	77°13' 50.18" E	8°38' 20.23" N
18	Thodayar	77°8' 28.44" E	8°37' 32.27" N
19	Thodayar	77°8' 23.76" E	8°37' 51.03" N
20	Thodayar	77°8' 53.74" E	8°37' 38.61" N
21	Thodayar	77°7' 50.4" E	8°38' 10.98" N

22	Thodayar	77°8' 29.44" E	8°38' 0.62" N
23	Thodayar	77°7' 25.06" E	8°38' 34.08" N
24	Thodayar	77°7' 9.72" E	8°38' 51.92" N
25	Thodayar	77°6' 49.29" E	8°39' 25.14" N
26	Thodayar	77°7' 19.5" E	8°39' 43.5" N
27	Thodayar	77°7' 35.45" E	8°39' 53.66" N
28	Thodayar	77°7' 53.36" E	8°39' 38.43" N
29	Thodayar	77°8' 43.78" E	8°38' 58.13" N
30	Thodayar	77°9' 3.56" E	8°38' 42.4" N
31	Thodayar	77°9' 11.87" E	8°38' 57.04" N
32	Thodayar	77°9' 7.75" E	8°39' 19.07" N
33	Thodayar	77°9' 15.46" E	8°39' 24.7" N
34	Thodayar	77°9' 26.57" E	8°39' 49.46" N
35	Thodayar	77°9' 4.21" E	8°40' 11.63" N
36	Thodayar	77°9' 14.56" E	8°40' 24.26" N
37	Thodayar	77°9' 10.15" E	8°40' 55.53" N
38	Thodayar	77°9' 27.44" E	8°41' 3.98" N
39	Thodayar	77°9' 54.05" E	8°40' 27.35" N
40	Thodayar	77°9' 44.79" E	8°40' 13" N
41	Thodayar	77°10' 12.93" E	8°39' 55.02" N
42	Thodayar	77°10' 30.25" E	8°40' 14.68" N
43	Thodayar	77°10' 50.91" E	8°40' 36.36" N
44	Thodayar	77°11' 2.49" E	8°40' 49.49" N
45	Thodayar	77°11' 7.62" E	8°41' 22.53" N
46	Thodayar	77°11' 36.15" E	8°40' 36.86" N
47	Thodayar	77°12' 5.39" E	8°40' 33.89" N
48	Thodayar	77°12' 29.1" E	8°40' 50.72" N
49	Thodayar	77°12' 7.42" E	8°40' 3.7" N

TABLE C : LATITUDE-LONGITUDE OF PROMINENT LOCATIONS ALONG THE BOUNDARY OF ECO-SENSITIVE ZONE OF NEYYAR WILDLIFE SANCTUARY & PEPPARA WILDLIFE SANCTUARY

GPS Points	Latitude	Longitude
1	8°42' 29.360" N	77°7' 48.672" E
2	8°42' 36.582" N	77°8' 18.391" E
3	8°42' 41.992" N	77°8' 46.834" E
4	8°42' 39.975" N	77°9' 17.992" E
5	8°42' 3.339" N	77°10' 2.303" E
6	8°42' 1.565" N	77°11' 18.064" E
7	8°41' 21.050" N	77°11' 40.106" E

GPS Points	Latitude	Longitude
8	8°40' 56.149" N	77°12' 29.236" E
9	8°40' 52.219" N	77°12' 29.041" E
10	8°40' 36.469" N	77°11' 35.203" E
11	8°41' 23.307" N	77°11' 6.379" E
12	8°39' 54.652" N	77°10' 12.563" E
13	8°41' 4.247" N	77°9' 26.320" E
14	8°39' 30.513" N	77°9' 28.516" E
15	8°38' 42.156" N	77°9' 3.197" E
16	8°39' 36.771" N	77°6' 50.105" E
17	8°38' 35.225" N	77°7' 24.881" E
18	8°38' 7.177" N	77°8' 26.417" E
19	8°36' 46.601" N	77°9' 20.839" E
20	8°34' 31.636" N	77°11' 30.873" E
21	8°34' 26.303" N	77°9' 55.546" E
22	8°33' 25.903" N	77°9' 47.426" E
23	8°33' 25.145" N	77°9' 30.302" E
24	8°32' 56.347" N	77°9' 10.814" E
25	8°33' 13.452" N	77°8' 47.151" E
26	8°33' 4.612" N	77°8' 28.648" E
27	8°32' 35.419" N	77°8' 27.620" E
28	8°32' 13.010" N	77°8' 53.113" E
29	8°31' 38.060" N	77°9' 16.755" E
30	8°31' 33.435" N	77°10' 8.151" E
31	8°31' 33.024" N	77°10' 47.213" E
32	8°31' 11.704" N	77°11' 13.293" E
33	8°30' 45.883" N	77°11' 33.632" E
34	8°30' 18.636" N	77°11' 54.135" E
35	8°30' 6.959" N	77°12' 5.977" E
36	8°29' 53.071" N	77°12' 8.242" E
37	8°30' 4.315" N	77°11' 59.776" E
38	8°30' 8.410" N	77°11' 29.479" E
39	8°30' 23.887" N	77°11' 24.552" E
40	8°30' 32.042" N	77°10' 54.063" E
41	8°30' 54.511" N	77°10' 17.715" E
42	8°30' 43.732" N	77°9' 58.926" E
43	8°31' 15.414" N	77°9' 19.839" E
44	8°31' 44.337" N	77°8' 49.073" E
45	8°31' 55.299" N	77°8' 13.634" E

GPS Points	Latitude	Longitude
46	8°32' 35.743" N	77°8' 0.175" E
47	8°33' 6.135" N	77°8' 3.083" E
48	8°33' 22.685" N	77°8' 22.579" E
49	8°33' 56.005" N	77°8' 26.117" E
50	8°33' 43.949" N	77°8' 44.590" E
51	8°34' 1.867" N	77°8' 51.025" E
52	8°35' 15.218" N	77°9' 2.153" E
53	8°36' 22.799" N	77°9' 11.051" E
54	8°36' 45.799" N	77°8' 4.156" E
55	8°37' 45.264" N	77°7' 55.755" E
56	8°37' 57.099" N	77°6' 50.569" E
57	8°38' 30.805" N	77°6' 32.419" E
58	8°38' 54.167" N	77°6' 14.706" E
59	8°39' 25.470" N	77°6' 3.193" E
60	8°39' 51.725" N	77°6' 13.309" E
61	8°40' 26.472" N	77°5' 49.236" E
62	8°40' 31.866" N	77°6' 21.050" E
63	8°40' 39.180" N	77°6' 32.925" E
64	8°40' 42.358" N	77°7' 18.572" E
65	8°40' 34.083" N	77°7' 48.721" E
66	8°41' 9.824" N	77°7' 53.290" E
67	8°41' 49.570" N	77°7' 50.672" E

ANNEXURE –IV**GEO-COORDINATES OF PROMINENT BOUNDARIES OF THE VILLAGES FALLING IN THE ECO-SENSITIVE ZONE****Table A: List of Villages falling within the Eco-Sensitive Zone of Neyyar Wildlife Sanctuary along with Geo-coordinates.**

Sl.No ..	Village Name	Type of Village	Taluk	District	Latitude (N)	Longitude
1	Kallikkadu	Revenue	Neyyattinkara	Thiruvananthapuram	8°32'48.84"	77°12'39.24"
2	Amboori	Revenue	Neyyattinkara	Thiruvananthapuram	8°28'12"	77°11'24"
3	Vazhichal	Revenue	Kattakkada	Thiruvananthapuram	8°33'17.00"	77°08'37.20"

Table B: List of Villages falling within the Eco-Sensitive Zone of Peppara Wildlife Sanctuary along with Geo-coordinates.

Sl.No.	Village Name	Type of Village	Taluk	District	Latitude (N)	Longitude
1	Mannoorkara	Revenue	Nedumangad	Thiruvananthapuram	8°33'41"	77°7'34.64"
2	Vithura	Revenue	Nedumangad	Thiruvananthapuram	8°40'54.48"	77°6'7.92"

ANNEXURE –V**Performa of Action Taken Report: -**

1. Number and date of meetings.
2. Minutes of the meetings: (mention noteworthy points. Attach minutes of the meeting as separate Annexure).
3. Status of preparation of Zonal Master Plan including Tourism Master Plan.
4. Summary of cases dealt with rectification of error apparent on face of land record (Eco-sensitive Zone wise). Details may be attached as Annexure.
5. Summary of cases scrutinised for activities covered under the Environment Impact Assessment Notification, 2006 (Details may be attached as separate Annexure).
6. Summary of cases scrutinised for activities not covered under the Environment Impact Assessment Notification, 2006 (Details may be attached as separate Annexure).
7. Summary of complaints lodged under section 19 of the Environment (Protection) Act, 1986.
8. Any other matter of importance.