

Government of India Ministry of Environment, Forest and Climate Change (Wildlife Division)

6th Floor, Vayu Wing Indira Paryavaran Bhawan Jor Bagh Road, Aliganj New Delhi 110 003 Dated 13.07.2020

F.No.6-48/2020 WL

To

All Members
Standing Committee of NBWL

Sub: Minutes of 58th Meeting of the Standing Committee of National Board for Wild Life-reg.

Sir / Madam,

Kindly find enclosed copy of the minutes of 58th Meeting of the Standing Committee of National Board for Wild Life held on 03rd July 2020 through Video Conference under the chairmanship of Hon'ble Union Minister of Environment, Forest and Climate Change.

(Rakesh Kumar Jagenia)
Deputy Inspector General of Forests (WL)

E.mail: digwl-mefcc@gov.in

Encl: As above

Distribution

- (1) Secretary, MoEF&CC
- (2) DGF&SS, MoEF&CC
- (3) ADGF(WL), MoEF&CC
- (4) Member Secretary, NTCA
- (5) Director / IGF, PE Division
- (6) Director, WII, Dehradun
- (7) Director, GEER Foundation, Gandhinagar
- (8) Dr. R. Sukumar, Member, NBWL
- (9) Dr. H.S. Singh, Member, NBWL
- (10) Pr. Secretary, Forest Dept., Govt. of Andhra Pradesh

Copy to

- (1) PS to Hon'ble MoEF&CC
- (2) PS to Hon'ble MoSEF&CC
- (3) PPS to DGF&SS, MoEF&CC
- (4) PPS to Addl.DGF(WL), PS to DIGF(WL)
- (5) Additional Chief Secretary / Principal Secretary / Secretary, Forest Department of Andhra Pradesh, Assam, Arunachal Pradesh, Bihar, Gujarat, Kerala, Jammu & Kashmir, Mizoram, Madhya Pradesh, Rajasthan, Tamil Nadu, Uttarakhand, Uttar Pradesh
- (6) PCCF & HoFF of Andhra Pradesh, Assam, Arunachal Pradesh, Bihar, Gujarat, Kerala, Jammu & Kashmir, Mizoram, Madhya Pradesh, Rajasthan, Tamil Nadu, Uttarakhand, Uttar Pradesh
- (7) CWLW of Andhra Pradesh, Assam, Arunachal Pradesh, Bihar, Gujarat, Kerala, Jammu & Kashmir, Mizoram, Madhya Pradesh, Rajasthan, Tamil Nadu, Uttarakhand, Uttar Pradesh

MINUTES OF 58th MEETING OF THE STANDING COMMITTEE OF NATIONAL BOARD FOR WILD LIFE HELD ON 03 JULY 2020

The 58th Meeting of the Standing Committee of National Board for Wild Life was held on 03rd July 2020 through Video Conference and chaired by the Hon'ble Union Minister for Environment, Forest & Climate Change. List of participants is placed at ANNEXURE-I.

The Hon'ble Chairman welcomed all the participants to the 58th Meeting of the Standing Committee of National Board for Wild Life and asked the Member Secretary to initiate the discussions on the Agenda Items.

AGENDA ITEM No.1

57.1.1 Confirmation of the minutes of the 57th Meeting (also Part) of the Standing Committee of National Board for Wild Life held on 7th April 2020

The Member Secretary stated that the minutes of the 57th meeting of the Standing Committee of National Board for Wild Life held on 7th April 2020 were circulated on 20th April 2020 amongst all the Members of the Standing Committee.

He stated that the comments / suggestions have been received from Prof. R. Sukumar, Member through E-Mail dated 08th February 2020 on the <u>Agenda Item No. 54.4.3 pertaining to use of 98.59 hectares of reserve forest land from proposed Saleki reserve forest for coal mining in Assam.</u>

Prof. R Sukumar suggested that the wording of the decision of 57th meeting of the Standing Committee be changed in the light of discussions.

After discussions, the Standing Committee decided to confirm the minutes.

AGENDA ITEM No.2

(Action Taken Report)

54.4.3 Proposal for use of 98.59 ha of reserve forestland from Saleki proposed reserve forest which is a part of Dehing Patkai Elephant Reserve for Tikok OCP coal mining project by North-Eastern Coal Field, Coal India Limited, Assam State

The Member Secretary briefed the Standing Committee on the decision taken in the 57th meeting. He stated that the matter was considered by the Standing Committee in its 57th meeting which decided that the user agency should submit the following for further consideration:

- (a) A site specific Mine Reclamation Plan prepared by Coal India Limited in consultation with the Assam State Forest Department.
- (b) Feasibility report for underground mining for the unbroken land, compliance report regarding fulfillment of all other conditions as recommended in the meeting held on 21st January 2020.

The Member Secretary also stated that no such reports and reclamation plan for already broken up area have been received from the project proponent or State Government. He also stated that the matter is sub-judice in the Hon'ble Supreme Court and the Hon'ble High Court of Assam.

The State Chief Wild Life Warden stated that out of 41.39 ha unbroken area, 16.0 ha has already been broken by Coal India Limited leaving only 25.0 ha unbroken area.

After discussion, the Standing Committee recommended that the mining activity should be immediately stopped and decided to defer matter till further discussions with Coal India Limited.

57.3.1 Requisition for amendment in the in approval of Standing Committee of National Board for Wild Life granted for maintenance / improvement of Miao-Vijoynagar Road (MV Road) (100.5 km) in its 32nd Meeting the realignment of road at two stretches to ensure negotiable condition of road for better implementation of Tiger Conservation Plan (TCP) of Namdhapa Tiger Reserve, Arunachal Pradesh State

The Member Secretary briefed the Standing Committee and stated that in the 57th meeting the Standing Committee decided that the NTCA shall their recommendations and submit its report within 30 days from the date of issue of the minutes. The NTCA have now complied and submitted following new sets of recommendations on 02nd June 2020.

- (i) The stretch of proposed road should ensure wild life passage structures at feasible points considering structural requirements, minimum earth/tree cutting, natural ground features etc. to facilitate unhindered wild life crossing over preferably at an approximate interval of about 5-10 Km. The structural specifications/design required for large mammals and elephants to cross over shall be referred to as per NTCA:WII report on Eco-friendly measures to mitigate impacts of linear infrastructure on wild life. Moreover, existing drainage points/culverts can also be retrofitted for using them as animal passage while designing the underpass structures.
- (ii) Exact dimensions, design and placement of the underpasses should be finalised after a joint survey done by the User Agency and Forest Department of Arunachal Pradesh in consultation with the NTCA.
- (iii) Once the realignments are in place, the existing alignments at 32 miles, 61 miles, etc. should be entirely decommissioned and allowed to be taken over by the Forest Department. No existing drainage should be blocked due to construction of the road.

- (iv) The proposed road should be used mainly for national defense, patrolling by forest department staff and by the local tribal communities. Therefore, no commercial activities/establishments should be permitted along the road side and active vigil should be maintained to prevent such activity in the future. Plying of vehicles at night shall be permitted only for defence purposes.
- (v) No construction material should be collected from forests and the debris should be dumped outside the Tiger Reserve. No construction work should be permitted at night.
- (vi) The Chief Wild Life Warden, Government of Arunachal Pradesh should constitute a monitoring committee comprising of the members from Namdhapa Tiger Reserve, NTCA Regional Office to oversee that the project and its implementation is in strict adherence to the suggested mitigation measures as above.

After discussions, the Standing Committee decided to recommend the proposal subject to the conditions that

- (a) The project proponent will comply with all the conditions imposed by the State Chief Wild Life Warden and the revised mitigation measures of the NTCA.
- (b) The annual compliance certificate on the stipulated conditions should be submitted by the project proponent to the State Chief Wild Life Warden and an annual compliance certificate shall be submitted by the State Chief Wild Life Warden to Govt. of India.

55.4.2 Proposal for reduction in area and alteration of boundary of Kawar Lake Bird Sanctuary

The Member Secretary stated that proposal is for the reorganization of Kawar Lake Bird Sanctuary including alteration of boundaries. The Member Secretary added that the revised proposal is pending with the State Govt for long time.

The State Chief Wild Life Warden stated that due to unforeseen reasons, the revised proposal has not been submitted in time. He informed the Standing Committee that the revised proposal shall be submitted soon.

After discussions, the Standing Committee decided to defer the proposal and request the State Govt of Bihar to submit revised proposal soon.

- 57.3.5 Proposal for use of 0.90 ha Govt. waste land for black trap mining activity within 10 KM ESZ of Gir Wildlife Sanctuary located at Village Arithiya, Taluk Kodinar, District Gir Somnath, Gujarat State
- 57.3.6 Proposal for use of 1.00 ha Govt. waste land for lime stone mining activity within 10 km ESZ of Gir Wildlife Sanctuary located at Village Sugala, Taluk Kodinar, District Gir Somnath, Gujarat State

- 57.3.7 Proposal for use of 3.2375 ha Govt. waste land for lime stone mining activity within 10 km ESZ of Gir Wildlife Sanctuary located at Village Sugala, Taluk Kodinar, District Gir Somnath, Gujarat State
- 57.3.8 Proposal for use of 2.4406 ha Govt. waste land for lime stone mining activity within 10 km ESZ of Gir Wildlife Sanctuary located at Village Ghantvad, Taluk Kodinar, District Gir Somnath, Gujarat State

The Member Secretary briefed the Standing Committee and stated that four proposals are for mining in the Govt. waste land located in the default ESZ of the Gir Wildlife Sanctuary. The Standing Committee in its 57th meeting requested the State Chief Wild Life Warden to initiate action for submission of the ESZ proposal around the Gir Wildlife Sanctuary. However, the ESZ proposal has not yet been received.

After discussions, the Standing Committee decided to defer the proposals till the receipt of ESZ proposal from the State Government.

55.4.14 Proposal for construction of Intake Well in Chambal River and laying of water supply pipeline for Sheopur

The Member Secretary briefed the Standing Committee and stated that the proposal is for use of 1.267 ha of land (PA area: 0.635 ha + revenue area: 0.632 ha) from the National Chambal Sanctuary for construction of Intake Well in the Chambal River and for laying of drinking water pipeline. The Standing Committee in its 57th meeting held on 7th April 2020 decided to defer till the alternative sources of water are explored by the State Government following sustainable goal objectives. No alternative proposal has been received from the State Government.

After discussions, the Standing Committee decided to defer the proposal till receipt of the report on the availability of alternative sources of water.

57.3.12 Proposal for construction residential cum commercial Project jointly developed by M/s Puravankara Ltd., M/s Melmont Construction Pvt. Ltd. and M/s Purva Realties Pvt. Ltd. at Edappally South and Vazhakkala Villages, Kanyannur Taluk, Ernakulam District, Kerala, Kerala State

The Member Secretary briefed the Standing Committee and stated that the proposal is for the construction of residential cum commercial complex and the land area for the proposed site development in an area of 7.3256 ha located at 5.0 KM away from the Mangalavanam Bird Sanctuary. In the 57th meeting the Standing Committee requested the Chief Wild Life Warden to furnish the report regarding the availability of vacant plots around the protected area. However, the report is still awaited from the State.

The State PCCF & HoFF stated that the report on the availability of vacant plots around the Mangalavanam Bird Sanctuary shall be submitted as soon as possible.

After discussions, the Standing Committee decided to defer the proposal till receipt of the report on the vacant plots available around the protected area.

53.3.22 Proposal for expansion of production of silica sand from 1.0 lakh TPA to 3.0 lakh TPA by open cast mechanized method in the private land of 59.51 ha situated at Barodia, Tehsil Hindoli, District Bundi, Rajasthan State

The Member Secretary briefed that the proposal is for expansion of production of silica sand from 1.0 lakh TPA to 3.0 lakh TPA by open cast mechanized method. In the 57th meeting the Standing Committee decided not to recommend the project till the submission of certificate regarding the compliance of the Enforcement and Monitoring Guidelines for Sand Mining 2020 issued in January, 2020. The certificate is still awaited from the State Government.

After discussions, the Standing Committee decided to defer the proposal till receipt of a certificate that the proposal is in conformity of the Sustainable Sand Mining Guidelines 2020.

- 54.4.27 Proposal for collection of river bed materials from an area 10.0 ha located at Sajjanpur Village, Haridwar falls at distance of 9.0 km away from the boundary of Rajaji National Park, Uttarakhand State
- 54.4.28 Proposal for collection of river bed materials from an area 92.504 ha located at Budhwa Shahid, Hetampur falls at distance of 3.9 km away from the boundary of Rajaji National Park, Uttarakhand State
- 55.4.21 Proposal for collection of river bed materials from an area 55.51 ha located at Satiwal, Kudkawala, Teliwala and Kheri, falls at distance of 1.5 km away from the boundary of Rajaji National Park, Uttarakhand State
- 56.3.24 Proposal for wild life clearance for collection of sand, bajri and boulder from Non-PA area of 13.985 ha situated at Village Dadubas, Tehsil Haridwar, District Haridwar located at 4.8 KM away from the boundary of Rajaji National Park, Uttarakhand State
- 56.3.25 Proposal for wild life clearance for collection of sand, bajri and boulder from non-PA area of 42.0 ha situated at Village Kota Murandnagar, Tehsil Haridwar, District Haridwar located at 2.0 KM away from the boundary of Rajaji National Park, Uttarakhand State

These five proposals are for collection of balu, bajri and boulder in the default ESZ of the Rajaji National Park. In the 57th meeting the Standing Committee requested the State Govt. to resubmit the proposals after a comprehensive study on the collective impacts of sand mining projects on wild life in and around Rajaji National Park. It was also requested for submission of certificate regarding the compliance of the Enforcement and Monitoring Guidelines for Sand Mining 2020 issued in January, 2020.

The State Chief Wild Life Warden submitted the Compliance Certificate on the Sand Mining Guidelines of 2016. The Standing Committee requested the State Govt of

Uttarakhand to submit the Compliance Certificate for the Sustainable Sand Mining guidelines of 2020 for further consideration.

AGENDA ITEM No.3

(Policy and Court Matters)

58.3.1 Initiation of Dedicated Project for Conservation of Gangetic Dolphin in India

The Member Secretary briefed the Standing Committee on the initiation of dedicated project for conservation of Gangetic Dolphin in India. He further stated that in the first of meeting of the National Ganga Council held during December 2019 in Kanpur, Uttar Pradesh under the chairmanship of Hon'ble Prime Minister, it was agreed for initiation of a "Project River Dolphin' on the lines of Project Tiger and Project Elephant. The Member Secretary has sought in principle approval for initiation of the project with the WII Dehradun and in consultation with experts in this regard.

After discussion, the Standing Committee recommended the dedicated project for conservation of Gangetic dolphins.

58.3.2 Sixteen Writ Petitions of Quarry Owners - Judgments of the Hon'ble High Court of Kerala received with copies of Environmental Clearance along with all other necessary papers, Kerala State

The Member Secretary briefed the Standing Committee that the directions of the Kerala High Court have been received from the State Govt of Kerala requesting for considering the proposals of various quarrying projects located within 10 KM of national parks and wild life sanctuaries. As per the normal procedure for consideration of the proposals by the Standing Committee of NBWL should be received through proper channel with the recommendations of the State Chief Wild Life Warden, State Board for Wild Life and State Government.

After discussion, the Standing Committee decided to request the State Government to resubmit the proposals as per the established guidelines and procedures.

AGENDA ITEM No.4

(Fresh Proposals Falling Inside / Outside the Protected Area)

58.4.1 Proposal for use of 4.76 ha forestland for the construction of Anam Sanjeeva Reddy Somasila High Level Lift Canal from Somasila Reservoir up to balancing reservoir No. IV under Phase –I in SPSR, Nellore District, Andhra Pradesh State

The Member Secretary briefed the Standing Committee on the proposal for use of 4.76 ha forestland for the construction of Anam Sanjeeva Reddy Somasila High Level Lift

Canal from Somasila Reservoir to balancing reservoir for irrigation of 90,000 acres in four drought prone mandals of Nellore District. He stated that the State Chief Wild Life warden has recommended the proposal with conditions and requested the Standing Committee for consideration.

After discussions, the Standing Committee decided to recommend the proposal subject to the following:

- (A) Conditions imposed by Chief Wild Life Warden:
 - (1) Precautions while taking the construction work and it should be completed in the least possible time period under the supervision of the Forest Department.
 - (2) The publicity and awareness on wild life conservation in the form of sign boards along the diverted area in consultation with DFO(T) Division, Nellore.
 - (3) Monitoring the diversion area by the Forest Department by engaging wild life watchers at the cost of user agency to be decided by the DFO(T) Division, Nellore.
- (B) The Animal Passage should be prepared and implemented by the user agency in consultation with the State Chief Wild Life Warden.
- (C) The annual compliance certificate on the stipulated conditions should be submitted by the project proponent to the State Chief Wild Life Warden and an annual compliance certificate shall be submitted by the State Chief Wild Life Warden to Govt. of India.
- 58.4.2 Proposal for use of 0.03 ha (0.01 ha in Kadapa Division and 0.02 ha in Proddatur Division) of forestland in tiger corridor of Nagarjunasagar Srisailam Tiger Reserve and Srilankamalleswar Wildlife Sanctuary for erection of the obstacle light mast for night landing operation of Kadapa Airport, Andhra Pradesh State

The Member Secretary briefed the Standing Committee on the proposal for use of 0.03 ha forestland in the tiger corridor of Nagarjunasagar – Srisailam Tiger Reserve and Srilankamalleswar Wildlife Sanctuary for erection of three obstacle light masts for night landing operation of Kadapa Airport. He stated that the State Chief Wild Life Warden and the NTCA have recommended the proposal with the conditions and mitigation measures and requested the Standing Committee to the consider the proposal.

The Standing Committee, after detailed discussions decided to recommend the proposal subject to the following:

- (A) Conditions imposed by Chief Wild Life Warden
 - (1) Disturbance to the movement of wild life in the proposed area should be avoided.
 - (2) All safety measures shall be taken to avoid any possible accidents and structural failures.
 - (3) After erection of tower whenever the user agency requires any repairs and replacements they should take permission from the Chief Wild Life Warden, Forest Department for entering into the reserve forests/protected areas.

- (4) Publicity boards of movement of wild life will be erected at appropriate locations by the user agency in consultations with the Divisional Forest Officer concerned.
- (5) For protection and preservation of wild life in Sri Lankamalleswara Wildlife Sanctuary and Tiger Corridor area an amount of Rs.10.00 lakhs (ten lakhs) should be deposited in the Biodiversity Conservation Society of Andhra Pradesh (BIOSAP), Forest Department for implementation of protection and conservation measures in wild life areas impacted by the project.

(B) Conditions imposed by the NTCA:

- (1) User Agency and Andhra Pradesh Forest Department should ensure that minimum numbers of trees are cut. The trees which need to be cut should be identified before and demarcated properly and should be cut under the supervision of the local DFOs. Cleaning of scrub forests (which are crucial habitats for Jerdon's Courser) should not be permitted.
- (2) All construction activities should be manual and carried out during daytime. Use of heavy machineries should be prohibited. Construction of any approach / access road should not be permitted inside the forestland. Labour camps should be established at least 1.0 KM away from any forestland.
- (3) The user agency should ensure that no labour gets involved in any unlawful activity within forest.
- (4) No construction material (including soil, stones etc) should be collected from the forest. The topsoil should be first gathered, piled aside and covered with a tarpaulin or suitable other material. The topsoil should be re-spread as early as possible over the excavated area after completion of work. Construction debris should not be dumped inside the forest areas and they should be transported by the user agency to suitable dumping sites outside the forest.
- (C) The annual compliance certificate on the stipulated conditions should be submitted by the project proponent to the State Chief Wild Life Warden and an annual compliance certificate shall be submitted by the State Chief Wild Life Warden to Govt. of India.
- 58.4.3 Proposal for wild life clearance for use of 63.13 ha of forestland from Pakke Tiger Reserve for construction of Rilo (Pakke Kesang) to Seijosa 132 kV transmission line section (from Ap-17/2 to Ap-109) in East Kameng district by Power Grid Corporation of India, Arunachal Pradesh State

The Member Secretary briefed the Standing Committee on the proposal for use of 63.13 ha forestland for laying of 132 kV transmission line from Rilo to Seijosa passing through buffer zone of Pakke Tiger Reserve which is located at 3-10 KM away from the critical tiger habitat. The State Chief Wild Life Warden and the NTCA have recommended the proposal with certain conditions and mitigation measures.

After discussions the Standing Committee decided to recommend the project subject to the following:

- (A) The project proponent will comply with all the conditions imposed by the State Chief Wild Life Warden i.e., implementation of approved mitigation plan and passage plan.
- (B) The project proponent will comply with the following conditions imposed by the NTCA:
 - (1) In order to prevent disruption of vegetation and maintain canopy contiguity the proposed power line should be placed above the canopy height of Papum RF so that the canopy remains intact below the power line. Elephant proof fences should be erected at the tower bases so as to avoid any accident caused by elephants.
 - (2) The entire length of the proposed power line in between Rilo and Seijosa should be marked with appropriate bird diverters spaced at 10 m intervals. The bird diverters shall be regularly checked and maintained by the power company.
 - (3) Width of the right of the way for the 132 kV DC transmission line on forestland should be over 27 m (MoEFCC Guidelines F.No.7-25/2012FC dated may 5, 2014). The alignment of the power line should be made such that minimum numbers of trees felled. Any felling / pollarding /pruning of trees for allowing electrical clearance / maintenance will be done with the permission of the local DFO, Pakke Tiger Reserve. Only those trees that are of sufficient height to compromise the requirements of minimal vertical and horizontal clearance from the conductor wire at maximum sag point should be lopped.
 - (4) Periodic clearing of vegetation along the power line may bring up invasive species. The plantation of native palatable species should be actively promoted by the user agency in collaboration with Forest Department, Arunachal Pradesh below the power line. This will not only prevent growth of invasive unpalatable species like but also will provide excellent food for wild ungulates.
 - (5) No construction / maintenance work shall be permitted within forest and wild life area concerned in between 6 PM to 7 Am. Labour camps should be at least 1 KM away from the boundaries of Pakke Tiger Reserve, No construction material (including soil, stones, etc) should be collected from the forest. The topsoil to a depth of 30 cm should be first gathered, piled aside and covered with a tarpaulin or suitable other material. The topsoil should be re-spread as early as possible over the disturbed or excavated area after completion of work to a depth of 30 cm. construction debris should not be dumped inside the forest.
 - (6) The user agency deposit a proportion of the total project cost to Pakke Tiger Conservation Foundation as decided by the CWLW, Govt of Arunachal Pradesh which should be utilized for eco-restoration, reducing dependence on forests and promoting alternative livelihoods for communities in and around Pakke Tiger Reserve.
 - (7) The Chief Wild Life Warden, Arunachal Pradesh should constitute a monitoring committee comprising of Pakke Tiger Reserve management, NTCA regional office, Guwahati and user agency to oversee the compliance to the mitigation measures suggested herein.
 - (C) The project proponent shall raise the height of the towers in consultation with the Chief Wild Life Warden in order to provide sufficient ground clearance for movement of Wild animals and to avoid any accidents.

(D) The annual compliance certificate on the stipulated conditions should be submitted by the project proponent to the State Chief Wild Life Warden and an annual compliance certificate shall be submitted by the State Chief Wild Life Warden to Govt. of India.

58.4. 4 Proposal for construction of Ujh multipurpose project, Jammu & Kashmir

The Member Secretary briefed the Standing Committee on the project for use of 4350 ha of land for the construction of 116m high concrete face rock fill dam across the river Ujh, a powerhouse of installed capacity 186 MW (3 x 62 MW) and powerhouse of 26 MW (1 x 2 MW + 1 x 24 MW) and a barrage11.5 KM downstream of the dam. However, only a small portion of the right main canal (1200 m) would be constructed as underground canal in the ESZ on the north side of sanctuary. The State Chief Wild Life Warden has recommended the proposal without any conditions.

After discussions, the Standing Committee decided to recommend the proposal and suggested that the Chief Wild Life Warden should take measures for protection of wild life such as rhesus monkey, porcupine etc. in the area.

58.4.5 Proposal for 6-laning of Vadakkenchery - Thrissur section of NH-544, Kerala State

The Member Secretary briefed the Standing Committee on the use of 0.9984 ha forestland in four bits from Peechi Wildlife Sanctuary for widening of the existing NH-47 from 2-lane to 6-lane from Vadakkenchery to Mannuthy. He stated that the State Chief Wild Life Warden has recommended the proposal subject to the payment of Rs.4.00 crore by the user agency for the mitigation of human-animal conflict.

After discussions, the Standing Committee decided to recommend the proposal subject to the conditions that

- (1) The project proponent will comply with the condition imposed by the State Chief Wild Life Warden.
- (2) The annual compliance certificate on the stipulated condition should be submitted by the project proponent to the State Chief Wild Life Warden and an annual compliance certificate shall be submitted by the State Chief Wild Life Warden to Govt. of India.

58.4.6 Proposal for use of 3.05 ha of revenue land from Singhori Wildlife Sanctuary for upgradation of road from Chainpur to Bhartipur 5.05 KM cement concrete road, Madhya Pradesh State

The Member Secretary briefed the Standing Committee on the proposal for use of 3.05 ha forestland from Singhori Wildlife Sanctuary for upgradation of existing forest road into 4.9 km of Bitumen road and 0.15 km of cement concrete road from Chainpur to

Bhartipur. He stated that the State Chief Wild Life Warden has recommended the proposal subject to the conditions that adequate safeguards should be exercised and all the construction material would be brought from outside the sanctuary.

After discussions, the Standing Committee decided to recommend the proposal subject to the conditions that

- (1) The project proponent will comply with the conditions imposed by the State Chief Wild Life Warden.
- (2) The annual compliance certificate on the stipulated conditions should be submitted by the project proponent to the State Chief Wild Life Warden and an annual compliance certificate shall be submitted by the State Chief Wild Life Warden to Govt. of India.

58.4.7 Proposal for use of 104.77 ha forestland for construction of 132 kV transmission line from West Phaileng to Marpara in the buffer area of Dampa Tiger Reserve, Mizoram State

The Member Secretary briefed the Standing Committee on the proposal for use of 104.77 ha forestland for laying of 132 kV transmission line (length 50.703 KM) from West Phaileng to Marpara falling in the buffer area of Dampa Tiger Reserve. He stated that the State Chief Wild Life Warden has recommended the project without conditions and added that the NTCA has recommended the project certain conditions and mitigation measures.

After discussions, the Standing Committee decided to recommend the proposal subject to the following:

- (A) Conditions imposed by the NTCA
 - (1) Since Dampa is an elephant landscape, height above the ground at the lowest point of the lowest conductor or grounding wire (i.e., at maximum sag point) of power lines (for avoiding reach of elephants even with raised trunk) should be:
 - (a) A minimum of 10 m above on level terrain (slope < 20 degrees)
 - (b) A minimum of 15 m above ground on steeper terrain (slope >20 degrees)
 - (2) All power lines within 3 KM of forest and important wild life areas across its entire length in between West Phaileng and Marpaara should be marked with appropriate bird diverters spaced at 10 m intervals. The bird diverters shall be regularly checked and maintained by the power company
 - (3) No construction / maintenance work shall be permitted within forest and wild life areas in between 6.0 PM to 7.0 AM. Labour camps should be at least 1.0 KM away from the boundaries of Dampa Tiger reserve. No construction materials (including soil, stones, etc.) should be collected from the forest.
 - (4) The user agency shall deposit a proportion of the total cost to Mizoram Forest Department which shall be decided by the Department. The Forest Department should utilize this money for eco-restoration, prey augmentation, reducing public

- dependence on forest and promoting traditional local livelihoods in Dampa Tiger reserve.
- (5) The Chief Wild Life Warden, Mizoram state should constitute a monitoring committee comprising of members from local forest officials, NTCA regional office and user agency to oversee the implementation of the project in compliance to the mitigation measures suggested above.
- (B) The annual compliance certificate on the stipulated conditions should be submitted by the project proponent to the State Chief Wild Life Warden and an annual compliance certificate shall be submitted by the State Chief Wild Life Warden to Govt. of India.

58.4.8 Proposal for wild life clearance for mining of limestone by opencast method in the mining lease area of 4.0 ha (MLNo.95/08) situated at village Chechat, Tehsil Ramaganj Mandi, District Kota, Rajasthan State

The Member Secretary briefed the Standing Committee on the proposal for use of 4.0 ha private land for mining of lime stone located at 7.50 km away from Mukundra Hills Tiger Reserve. He stated that the State Chief Wild Life Warden and the NTCA have recommended the proposal with certain conditions and mitigation measures.

After discussions, the standing committee decided to recommend the proposal with subject to the following:

- (A) General Conditions imposed by the Chief Wild Life Warden:
 - (1) 2% of the proportional project cost of the project falling within the ESZ of protected area should be deposited in RPACS by the user agency for management and protection of wild life in the State as a corpus.
 - (2) No work shall be done before sunrise and after sunset in the project area.
 - (3) No material of any kind should be extracted from the protected area and ecosensitive zone.
 - (4) There will be no felling of trees and burning of fuel wood inside the protected area and eco-sensitive zone.
- (5) The waste material generated should be disposed outside the protected area and eco-sensitive zone.
- (6) There will be no labour camp within 1 km from the boundary of protected area.
- (7) No blasting will be carried out within 1 km from the boundary of protected area during the work.
- (8) Green belt should be created by the user agency on the periphery of the project area.
- (9) Water harvesting structure for recharging of water should be mandatory in the project area.
- (10) There shall be no high mast / beam/search lights & high sounds within 1 km from the protected area boundary. Signages regarding information about the wild animals in the area, control of the traffic volumes, speed etc should be erected in the project area.
- (11) The user agency and project personnel will comply with the provisions of the Wild life (Protection) Act, 1972.
- (12) Maintenance activity of any nature should be carried out only after seeking formal approval from competent authority of tiger reserve / PA.

- (13) Six feet high wall is to be constructed on the periphery of applied project area.
- (B) Site Specific conditions imposed by the Chief Wild Life Warden
 - (1) Creation of green belt by planting a suitable combination of trees that can be grown and have good leaf cover shall be adopted by the user agency by their own cost as per suggestions of the DCF(WL-MNP) Kota.
 - (2) The mined out area shall be backfilled with the waste material and later on planted. The dumps shall be afforested with local grass and plant species. All along the edge of the pit fencing will be made and afforested with good fruit bearing species

(C) Conditions imposed by the NTCA:

- (1) The project area (Ramganjmandi tehsil) has multiple mining projects (ongoing and proposed); the impacts of all these mining projects should be evaluated cumulatively rather in isolation. This is important as in the long run, limestone mining can cause significant damage to the geology of the area due to alteration of underlying rock structure.
- (2) The proponent should prepare mining management plan, impact mitigation plan and get them approved by the CWLW, Govt of Rajasthan and the copy of the same is to be provided to NTCA.
- (3) The unit should function as a closed infrastructure and waste materials should not be dumped outside of the unit.
- (4) The project proponent should provide LPG connections/solar cookers to the labourers residing in the project area so as to reduce their dependence on forest for fuelwood.
- (5) A monitoring committee is to be constituted by CWLW, Govt. of Rajasthan comprising of MHTR, NTCA and member of State mining department. The monitoring committee will oversee the wild life and environmental issues including the compliance of these conditions and suggest the action needed for wild life conservation in the area.
- (6) Satisfactory closure of the project shall be duly reported by the State authorities. After the mineral extraction is completed, the area should be reclaimed by restoring native vegetation at the site.
- (D) The annual compliance certificate on the stipulated conditions should be submitted by the project proponent to the State Chief Wild Life Warden and an annual compliance certificate shall be submitted by the State Chief Wild Life Warden to Govt. of India.
- 58.4.9 Proposal for Chennai-Andaman Nicobar Islands Submarine Cable System Cable landing and construction of Beach Man Hole at eight islands of Andaman and Nicobar Islands: Port Blair, Little Andaman (Hut bay), Car Nicobar, Kamorta, Great Nicobar (Campbell bay), Havelock, Long and Rangat Islands, Tamil Nadu State

The Member Secretary briefed the Standing Committee on the proposal for use of 0.001 ha land for the construction of beach man holes for Chennai - Andaman submarine cable project at Santhom located at a distance of 4.70 km from Guindy National

Park and falling within default ESZ. He stated that the State Chief Wild Life Warden has recommended the proposal with the following conditions.

After discussions, the Standing Committee decided to recommend the proposal subject to the following:

- (A) Conditions imposed by the Chief Wild Life Warden
 - (1) The project proponent shall obtain all other statutory clearance, and also submit Impact Mitigation and Wild Life Conservation Plan of Guindy National Park.
 - (2) The project proponent shall submit an undertaking stating that no disturbance will be caused to the wild life during project implementation.
 - (3) Any other Conditions stipulated by the Additional Principal Chief Conservator of Forests and Director, Arignar Anna Zoological Park / Wild life Warden, Chennai.
- (B) The annual compliance certificate on the stipulated conditions should be submitted by the project proponent to the State Chief Wild Life Warden and an annual compliance certificate shall be submitted by the State Chief Wild Life Warden to Govt. of India.

58.4.10 Proposal for use of 5.7414 ha forestland falling in Asifabad Division for four laning of NH-363 from Mancherial to Chandrapur falling in tiger corridor area linking Kawal, Tadoaba and Indravati Tiger Reserves, Telangana State

The Member Secretary briefed the Standing Committee that the proposal is for use of 5.7414 ha forestland for upgradation of 2-laning to 4-laning of NH-363 from Mancherial to Chandrapur falling in tiger corridor. He stated that the State Chief Wild Life Warden and the NTCA have recommended the proposal certain conditions and mitigation measures.

After discussions, the Standing Committee decided to recommend the proposal subject to the following:

- (A) Conditions imposed by the Chief Wild Life Warden:
 - (1) The user agency will provide Rs.104.695 lakh for taking up wild life mitigation measures listed in S.No.5 to 11 apart from executing the components at S.No.1 to 4 with their funds as under:

S.No.	Component	Quantity	Amount (Rs. in Lakh)
1	Construction of one underpass in compt.238 of Manikgarh RF as per the design and specifications of Wild Life Institute of India, Dehradun to be funded and constructed by the user agency. Location to be indicated by DFO, KB, Asifabad	01	By user agency
2	Construction of one eco-bridge in compt.238 of Manikgarh RF as per the design and specifications of Wild Life Institute of India, Dehradun with a width of 20 m to 30 m to be	01	By user agency

	funded and constructed by the user agency.		
3	Providing chain link fencing on either side of the road in compt.238 to prevent accidents to wild animals while crossing the road to be funded and constructed by the user agency with their funds at the locations to be shown by DFO, KB, Asifabad.	-	By user agency
4	Installing speed control devices including caution sign boards every 500 m by user agency.	04 units	By user agency
5	Habitat Management (a) Bore well with solar pump sets	02 Rs.5.0 lakh each	10.0
	(b)creation of National Grass Lands by removal of obnoxious weeds for three consecutive years and sowing of grass seeds collected locally over an area of 100 ha	100 ha Rs.8000.00 per ha	08.0
6	Water Management Construction of new percolation tanks to store water from solar bore well @ Rs.2.0 lakh	02	04.0
7	Formation of medium percolation tanks for storage of rain water for wild animals @Rs.3.0 each	02	06.0
8	Fire Management (i) Construction of semi-permanent structures for base camp staff / fire watchers near the two solar powered bore wells @ Rs.4.0 lakh	02	08.0
	(ii) Procurement of the fire blowers (2 Nos @ Rs.0.50 lakh)	02	01.0
	(iii) Fire fighting equipments like shoes, gloves, helmets, spades, crowbars, fire beaters, etc.	LS	03.0
	(iv) Formation of new fire lines (width 10.0 m on either side of the road) 40000 sq.m @Rs.7.46 per sq.m per year for 5 years.	40000 sq.m	14.92
	(v) Engaging of fire watchers for 5 Nos for fire season from January to May for 5 months including hiring of jeep (5 Nos x 5 months @ Rs.8340.0 PM = 2.085 lakhs + Hire charges 5 months @ Rs.25000.0 PM = 1.250 lakh = 3.3335 lakhs per one season. Rs.3.335 lakhs x 5 seasons / year = 16.675 lakhs)	05 Nos for 5 months for 5 seasons	16.675
9	Procurement of GPS hand held 10 Nos @ 0.20 lakh each	10 Nos	02.0
10	Procurement of camera traps for monitoring wild animals 25 Nos @ 0.20 lakh each	25 Nos	05.0
11	Publicity and Awareness (i) Installation of large hoarding & sign boards to propagate the need for conservation of flora and fauna of the area @ Rs.2.50lakh each	08 Nos	20.0
	(ii) Setting up of regulatory sign boards on speed limits and wild animal crossing zones @ Rs.0.60 lakh each	10 Nos	06.0
			104.595 lakhs

- (2) The user agency shall fell only the barest minimum number of trees while executing the work.
- (3) The works shall be carried out without disturbing or damaging flora, fauna, or habitat of the area.
- (4) Work shall be carried out from 6.0 AM to 6.0 PM only.
- (5) The material for carrying out the proposed works shall be kept outside the sanctuary area. As and when required, they should be carried to the site during execution of work.
- (6) No labour camp should be established inside the Tiger Reserve during execution of the work.
- (7) The debris formed due to the execution of the works shall be taken away from the Tiger Reserve on day to day basis.
- (8) The user agency shall construct Masonry pillars to demarked the proposed project area at every 25 m interval.
- (B) Conditions imposed by the NTCA:
 - (1) As suggested in the guidance document titled "Eco-friendly measures to mitigate impacts of the linear Infrastructure on Wild life", the provisioning of the mitigation measures (both structural and non-structural) should be made to ensure safe passage for the movement of tigers and other wild life. No construction work should be permitted within forest at night.
 - (2) It is recommended that the CWLW, Telangana in consultation with the field unit, representative of WII, expert member of Standing Committee of NBWL and representative of Regional Office, NTCA shall decide on the exact location/dimension/design of these mitigation measures based on a joint survey.
 - (3) Labour camps should be established at least 1 km from forest. Local Forest Range Officer should monitor and ensure that no labour should get involved in extraction of forest products. The materials for road construction (including the top soil) should be procured from outside the forest area. The user agency should not use any fire hazardous materials, heavy machinery etc. during the works related to road.
 - (4) The CWLW, Telangana should constitute a monitoring committee comprising of the representative of NTCA, Telangana Forest Department and WII to oversee the compliance of the conditions recommended therein.
- (C) The annual compliance certificate on the stipulated conditions should be submitted by the project proponent to the State Chief Wild Life Warden and an annual compliance certificate shall be submitted by the State Chief Wild Life Warden to Govt. of India.

58.4.11 Proposal for construction of bridge at KM.9 over Kaseruwa Nala & KM.13 over Dhela river in the Ramanagar Laldhang Motor road, Uttarakhand State

The Member Secretary briefed the Standing Committee on the proposal for construction of bridges each over Kaseruwa Nala and over Dhela river falling in the buffer

area of Corbett Tiger Reserve. He stated that the State Chief Wild Life Warden and the NTCA have recommended the proposal with certain conditions and mitigation measures.

After discussions, the Standing Committee decided to recommend the proposal subject to the following:

- (A) Condition imposed by the Chief Wild Life Warden
 - (1) The height of the bridge should be such that the elephant can move under the bridge pass freely.

(B) Conditions imposed by the NTCA

- (1) This road should be used for the bonafide purpose of the local villagers, tiger reserve management and tourists and should not be used for plying of heavy commercial vehicles. The status quo in terms of the usage of this road should be ensured.
- (2) Camera traps should be deployed regularly in the proposed stretches of the bridges for monitoring of wild life especially tiger movement as well as for checking any unauthorized entry of people in the Corbett Tiger Reserve. Regular patrolling should be done on this road, particularly, during the night time.
- (3) As suggested in the guidance document titled "Eco-friendly Measures to mitigation impacts of the linear infrastructure on wild life", construction of bridges adequately designed (for serving as underpass for wild life) with substantial clearance for elephants' passage with adequate ramp on both sides.
- (4) No construction work should be permitted within forest at night. Labour camps should be established at least 1 km from forest. Local Forest Range officer should monitor and ensure that no labour should get involved in extraction of forest products.
- (5) The materials for bridge work (including the top soil) should be procured from outside the forest area. The user agency should not use any fire hazardous materials, heavy machinery etc., during the works related to road.
- (6) The CWLW, Uttarakhand should constitute a monitoring committee comprising of the representative of NTCA, Uttarakhand forest department and WII to oversee the compliance of the conditions recommended herein.
- (C) The annual compliance certificate on the stipulated conditions should be submitted by the project proponent to the State Chief Wild Life Warden and an annual compliance certificate shall be submitted by the State Chief Wild Life Warden to Govt. of India.

58.4.12 Proposal for use of 2.85 ha forestland for construction of SSB-Border outpost in Pilbhit District, Uttar Pradesh State

The Member Secretary briefed the Standing Committee on the proposal for use of 2.85 ha forestland for construction of 3 SSB-Border outposts within Pilbhit Tiger Reserve along the Indo-Nepal border. He stated that the Chief Wild Life Warden and the NTCA have recommended the project with certain conditions and mitigation measures.

After discussions, the Standing Committee decided to recommend the proposal subject to the following:

(A) Conditions imposed by the Chief Wild Life Warden

- (1)Protection and mitigation measures for the wild life should be ensured as per the guidelines of Government of India (MoEF&CC).
- (2)User agency SSB should provide the funds for reduction in negative impact for conservation and eco-development activities of wild life and habitat as proposal by PA Manager.
- (3)Land shall not be used for any purpose other than that specified in the proposal.
- (4)Rules and regulations of the concerned department for establishing the project shall be complied with.
- (5)The instruction orders passed by the State / Central Govt and the directions passed by Hon'ble High Court / Hon'ble Supreme Court / National Green Tribunal from time to time regarding such project shall be complied with.
- (6) User agency will ensure that the project personnel engaged in the project shall observe the provision of the Wild Life (Protection) Act, 1972 and rules made there under.
- (7) Construction waste materials shall not be thrown inside the sanctuary area or movement corridor of the wild life.
- (8) User agency will take all precautions including technical measures to contain the noise and air pollution within limit and protection from fire due to construction activities.
- (9) The project proponent shall obtain required consent to establish and to operate project activities from UP Pollution Control Board and effectively implement all the conditions stipulated therein.
- (10) The project proponent shall undertake plantation work by planting the native species as proposed by DFO WLW in the area adjacent to project area / sanctuary for which necessary finance will be provided by the user agency.
- (11) No labour camps shall be established in the sanctuary forest area or other sensitive area.
- (12) Five GPS set shall be provided to DFO Pilbhit Tiger Reserve Division by the user agency for the survey and demarcation of the sanctuary boundaries.

(B) Conditions imposed by the NTCA

- (1) Loudspeakers or alarm system, bright flash light / focus flash should not be used.
- (2) The joint survey should be carried out with the forest authorities for demarcating the area of the BOPs to be diverted. The existing forest road should be used for movement to the proposed BOPs and no new road to be constructed / upgraded for approach.
- (C) The annual compliance certificate on the stipulated conditions should be submitted by the project proponent to the State Chief Wild Life Warden and an annual compliance certificate shall be submitted by the State Chief Wild Life Warden to Govt. of India.

58.4.13 Proposal for use of 12.95 ha forestland for construction of SSB-Border outpost in Katerniaghat Wildlife Sanctuary, Uttar Pradesh State

The Member Secretary briefed the Standing Committee on the proposal for use of 12.95 ha forestland for construction of 15 SSB-Border outposts within Katerniaghat Wildlife Sanctuary along the Indo-Nepal border. He stated that the Chief Wild Life Warden has recommended the project with the following conditions.

- (1) Protection and mitigation measures for the wild life should be ensured as per the guidelines of Government of India (MoEFCC).
- (2) User agency SSB should provide the funds for reduction in negative impact for conservation and eco-development activities of wild life and habitat as proposal by PA Manager.
- (3) The project proponent will seek forest clearance as per rule.
- (4) Land shall not be used for any purpose other than that specified in the proposal.
- (5) Rules and regulations of the concerned department for establishing the project shall be complied with.
- (6) The instruction orders passed by the State / Central Govt and the directions passed by Hon'ble High Court / Hon'ble Supreme Court / National Green Tribunal from time to time regarding such project shall be complied with.
- (7) User agency will ensure that the project personnel engaged in the project shall observe the provision of the Wild Life (Protection) Act, 1972 and rules made there under.
- (8) Construction waste materials shall not be thrown inside the sanctuary area or movement corridor of the wild life.
- (9) User agency will take all precautions including technical measures to contain the noise and air pollution within limit and protection from fire due to construction activities.
- (10) The project proponent shall obtain required consent to establish and to operate project activities from UP Pollution Control Board and effectively implement all the conditions stipulated therein.
- (11) The project proponent shall undertake plantation work by planting the native species as proposed by DFO WLW in the area adjacent to project area / sanctuary for which necessary finance will be provided by the user agency.
- (12) Amount of Net Present Value (NPV) shall be paid by the user agency as per rules.
- (13) No labour camps shall be established in the sanctuary forest area or other sensitive area.
- (14) Five GPS set shall be provided to DFO Katerniaghat Wildlife Sanctuary by the user agency for the survey and demarcation of the sanctuary boundaries.

After discussions, the Standing Committee decided to recommend the proposal subject to the conditions that

(a) The project proponent will comply with all the conditions imposed by the State Chief Wild Life Warden.

(b) The annual compliance certificate on the stipulated conditions should be submitted by the project proponent to the State Chief Wild Life Warden and an annual compliance certificate shall be submitted by the State Chief Wild Life Warden to Govt. of India.

58.4.14 Proposal for use of 10.0 ha forestland for construction of SSB-Border outpost within Dudhwa National Park and its buffer area, Uttar Pradesh State

The Member Secretary briefed the Standing Committee on the proposal for use of 10.0 ha forestland for construction of 10 SSB-Border outposts within Dudhwa National Park and also buffer area along the Indo- Nepal & Indo- Bhutan border. He stated that the Chief Wild Life Warden and the NTCA have recommended the project with certain conditions and mitigation measures.

After discussions, the Standing Committee decided to recommend the proposal subject to the following:

- (A) Conditions imposed by the Chief Wild Life Warden
- (1) Protection and mitigation measures for the wild life should be ensured as per the guidelines of Government of India (MoEFCC).
- (2) User agency SSB should provide the funds for reduction in negative impact for conservation and eco-development activities of wild life and habitat as proposal by PA Manager.
- (3) Land shall not be used for any purpose other than that specified in the proposal.
- (4) Rules and regulations of the concerned department for establishing the project shall be complied with.
- (5) The instruction orders passed by the State / Central Govt and the directions passed by Hon'ble High Court / Hon'ble Supreme Court / National Green Tribunal from time to time regarding such project shall be complied with.
- (6) User agency will ensure that the project personnel engaged in the project shall observe the provision of the Wild Life (Protection) Act, 1972 and rules made there
- (7) Waste materials shall not be thrown inside the sanctuary area or movement corridor of the wild life.
- (8) User agency will take all precautions including technical measures to contain the noise and air pollution within limit and protection from fire due to construction activities.
- (9) No construction work will be allowed after sunset and before sunrise.
- (10) The project proponent shall obtain required consent to establish and to operate project activities from UP Pollution Control Board and effectively implement all the conditions stipulated therein.
- (11) The project proponent shall undertake plantation work by planting the native species as proposed by DFO WLW in the area adjacent to project area / sanctuary for which necessary finance will be provided by the user agency.

- (12) No labour camps shall be established in the sanctuary forest area or other sensitive area.
- (13) Five GPS set shall be provided to Deputy Director, Dudhwa National Park, Palia-Kheri by the user agency for the survey and demarcation of the sanctuary boundaries.
- (B) Conditions imposed by the NTCA
- (1) Loudspeakers or alarm system, bright flash light / focus flash should not be used.
- (2) The joint survey should be carried out with the forest authorities for demarcating the area of the BOPs to be diverted. The existing forest road should be used for movement to the proposed BOPs and no new road to be constructed / upgraded for approach.
 - (C) The annual compliance certificate on the stipulated conditions should be submitted by the project proponent to the State Chief Wild Life Warden and an annual compliance certificate shall be submitted by the State Chief Wild Life Warden to Govt. of India.

AGENDA No. 5

(Any other item with the permission of the Chair)

58.5.1 Proposal for Tinaighat – Castlerock - Caranzol Railway doubling of South Western Railways, Karnataka

The Member Secretary briefed the Standing Committee on the proposal for use of 10.45 ha of forestland (PA area 9.564 ha + forestland outside PA 0.0086 ha) for doubling of railway line Tinaighat – Castlerock – Caranzol passing through Dandeli - Anshi Tiger Reserve. The State Chief Wild Life Warden in his recommendations has imposed certain conditions. Being a tiger reserve, the appraisal of the project by the NTCA is required.

The Member Secretary added that the site appraisal report is awaited from the NTCA. The MS, NTCA, who was present in the meeting, stated that the report on the proposed project would be submitted within fifteen days.

After discussions, the Standing Committee decided to defer the project till the receipt of the report from the NTCA, for further consideration in the matter.

LIST OF PARTICIPANTS

1	Shri Prakash Javadekar, Hon'ble Minister for EF&CC	Chairman
2	Shri Babul Supriyo, Hon'ble Minister of State for EF&CC	Special Invitee
3	Shri R P Gupta, Secretary, MoEF&CC	Member
4	Shri Sanjay Kumar, DGF&SS, MoEF&CC	Member
5	Shri Soumitra Dasgupta, AGF(WL), MoEF&CC	Member Secretary
6	Prof. R. Sukumar, Member, NBWL	Member
7	Dr. H. S. Singh, Member, NBWL	Member
8	Shri R. D. Kamboj, Member, NBWL	Member
9	Dr. Dhananjay Mohan, Member, NBWL	Member
10	Dr. S. P. Yadav, ADGF(PT) and MS, NTCA	Invitee
11	Shri Prateep Kumar , PCCF & HoFF, Andhra Pradesh	Invitee
12	Shri G. Kumar, CWLW, Arunachal Pradesh	Invitee
13	Shri M. K. Yadava, CWLW, Assam	Invitee
14	Shri Prabhat Kr Gupta, CWLW, Bihar	Invitee
15	Shri Suresh Kr Gupta, CWLW, Jammu & Kashmir	Invitee
16	Shri K.S. Kesavan, PCCF & HoFF, Kerala	Invitee
17	Shri H. S. Negi, rep. of CWLW, Madhya Pradesh	Invitee
18	Shri Liandanwala, CWLW, Mizoram	Invitee
19	Shri S. Yuvaraj, CWLW, Tamil Nadu	Invitee
20	Shri Sunil Pandey, CWLW, Uttar Pradesh	Invitee
21	Shri Rajiv Bhartari, CWLW, Uttarakhand	Invitee
22	Shri Noyal Thomas, IGF (FPD) & Director, (P.E.)	Invitee
23	Shri Rakesh Kr Jagenia, DIGF(WL), MoEF&CC	Invitee
24	Shri P Ravi, Scientist, MoEF&CC	Invitee