

**Computer No. 146975**

**Government of India  
Ministry of Environment, Forest and Climate Change  
CENTRAL ZOO AUTHORITY**

B-1 Wing, 6<sup>th</sup> Floor,  
Pandit Deendayal Antyodaya Bhawan,  
CGO Complex, Lodhi Road, New Delhi – 110 003,  
Telephone: +91-11-24367846/51/52, E-mail: cza@nic.in

**Dated 08/02/2021**

To  
The Chief Wildlife Warden,  
Department of Forests,  
Aranya Bhawan,  
First Floor, Sector 19, North Block, Capital Complex,  
Atal Nagar, Naya Raipur, Chhattisgarh,  
E-mail: cwlwec@gmail.com

**Subject: Renewal of recognition of the Nandanvan Zoo & Safari, Naya Raipur, Chhattisgarh, under Section 38-H of the Wild Life (Protection) Act, 1972 – regarding**

**Reference:**

1. This Office Memorandum F.No.7-10/2020-CZA(PART-I) dated August 25, 2020
2. This Office letter F.No.21-2/2019-CZA(AK)/2040/2020 dated January 6, 2020
3. This Office letter F.No.19-160/93-CZA(147)(Vol-II)(AK)/741/2017 dated April 5, 2017
4. Application vide letter No.DFO/WL/Raipur/01 dated January 3, 2020 from the Director cum Divisional Forest Officer, Jungle Safari, Raipur

Sir,

With reference to above, the undersigned is directed to inform that recognition of the Nandanvan Zoo & Safari, Naya Raipur under Section 38-H of the Wild Life (Protection) Act, 1972, was valid till March 21, 2020. Application dated January 3, 2020 for renewal of recognition received in this office from the Director cum Divisional Forest Officer, Jungle Safari, Raipur. Dr. Rajeev Kumar Shrivastava, IFS (Retired), evaluating officer/s deputed by this office has evaluated the zoo on January 27 and 30, 2020. Copy of the Evaluation Report is enclosed herewith for your perusal and needful action.

2. Evaluation Report of the Nandanvan Zoo & Safari, Naya Raipur was placed before the Technical Committee in its 96<sup>th</sup> Meeting held on July 30, 2020. The Technical Committee, after detailed deliberation, made its recommendation to the Central Zoo Authority.

3. This office issued Office Memorandum F.No.7-10/2020-CZA(PART-I) dated August 25, 2020 regarding renewal of recognition of the zoo. Subsequently, the Central Zoo Authority, in its 37<sup>th</sup> Meeting held on December 7, 2020, in exercise of powers conferred under sub-section (1), (3) and (4) of Section 38-H under the Wild Life (Protection) Act, 1972, approved recommendation of the Technical Committee.

4. The Central Zoo Authority has regularised the period after March 21, 2020 and renewed recognition of the Nandanvan Zoo & Safari, Naya Raipur as a Medium Zoo for a period up to **August 19, 2022** subject to compliance with following conditions as per the Recognition of Zoo Rules, 2009 (RZR) and mid-term evaluation of the zoo.

Sl.	Norm No. under RZR	Condition	Time period to comply
<b>1. General requirements:</b>			
1	10.1(4)	Close to reception, wall is broken. It is temporary fenced. It should be raised with plastered wall to avert the chance of intruder.	One month
2	10.1(7)	Effective means and methods of waste management through reducing, reusing and recycling should be explored and adopted by the zoo.	Three months
3	10.1(9)	Stray dog is noticed close to Zoo Hospital and Rescue Centre during evaluation. Action should be taken to prevent entry of stray animals in to zoo premises to avoid threat of any disease such as Canine Distemper. Near the entrance, there is wide gap through which stray dogs enter into premises. Immediate action is needed to close the wall along the road leading to zoo.	Immediately
<b>2. Administrative and staffing pattern:</b>			
4	10.2(1)	Incumbent Officer is holding additional charge. There is a need to post "whole time in-charge".	Immediately
5	10.2(2)	Scientific and technical staff namely the Curator, the Education Officer and the Biologist should be appointed in the zoo as early as possible.	One year
<b>4. Animal housing, display of animals and animal enclosures:</b>			
6	10.4(3)	Some strategies should be adopted to avert the chance of falling inside the enclosure.	Within a month
7	10.4(6)	Plantation of more indigenous species should be carried out in animal enclosures as part of enrichment.	One year
8	10.4(10)	Bilingual signage is needed to be placed to create more awareness among wide range of public visiting the zoo.	Three months
<b>5. Upkeep and healthcare of animals:</b>			
9	10.5(2)	Steel food containers with lids should be kept in storage room.	Immediately
10	10.5(2)	Register meant for receipt and distribution of food items to captive animals in the zoo should be promptly verified and signed by the responsible personnel.	Immediately
11	10.5(2)	Window in the slaughter house is having damaged net cover; it needs immediate attention and correction.	Immediately
12	10.5(2)	Meat handlers should use clean gloves when handling the meat.	Immediately
13	10.5(5)	Appropriate protocol should be prepared and implemented for solid waste management in the zoo.	Three months
14	10.5(6)	There should be some arrangement to keep one Veterinarian in the night at jungle safari to attend emergency, if any.	Immediately

Sl.	Norm No. under RZR	Condition	Time period to comply
<b>6. Veterinary and infrastructure facilities:</b>			
15	10.6(1)(a)	Zoo Hospital need oxygen cylinder for emergency purpose. A few items can be added in the list of veterinary facilities like steel operation table, blood transfusion device, trolley, autoclave inhalation anaesthesia machine, isoflurane vaporizer, pulse oximeter.	Immediately within three months
16	10.6(1)(b)	Zoo Hospital should have <i>Elizabethan collar</i> which can be used to put around the neck of animal while treating the wounded animal to avoid licking or scratching.	Immediately
17	10.6(1)(b)	Medicine Stock Register with information on expiry date should be maintained.	Immediately
18	10.6(2)	Adequately qualified Technician should be appointed in the zoo to operate diagnostic equipment and data analysis in the zoo.	One year
19	10.6(5)	The Laboratory Assistant and the Stockman / Compounder should be appointed in the zoo.	One year
20	10.6(6)	Newly appointed Veterinarians in the zoo should be trained to handle tranquilizing equipment.	Immediately
21	10.6(6)	Linkages should be established by the zoo with eminent institutions and organizations working in the field of wild animal healthcare such as the IVRI, <u>Izatnagar</u> , the NDVSU Jabalpur and the TANUVAS, Chennai wherein zoo personnel should be deputed for training by having a Schedule for the same.	In due course
22	10.6(6)	Personnel of the zoo should be deputed to international and national zoos of excellence for exposure.	One year
<b>9. Acquisition and breeding of animals:</b>			
23	10.9(6)	Methodology of the Planned Breeding Programme of Wild Buffalo ( <i>Bubalus arnee</i> ) taken up by the zoo should be finalised in consultation with the Central Zoo Authority and should be carried out with requisite statutory approval.	One year
24	10.9(10)	Disaster management/escape route or precautionary plan should be displayed.	Three months
<b>11. Education and outreach activities:</b>			
25	10.11(1)	There is good scope of Souvenir shop. Steps should be taken to open it.	Three months

5. A compliance report to the Central Zoo Authority on implementation of the aforesaid conditions shall be submitted by the zoo within three months of issue of this letter followed by half-yearly report.

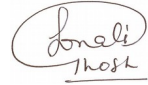
6. The renewal of recognition of the Nandanvan Zoo & Safari, Naya Raipur for period beyond August 19, 2022 as a Medium Zoo would be considered on the basis of compliance of the conditions stated above and general performance of the zoo.

7. The recognition of the Nandanvan Zoo & Safari, Naya Raipur shall be revoked by the Central Zoo Authority at any point of time if the Zoo Operator is found not complying with the stipulated conditions.

This issues with approval of the competent authority.

Encls. As above

Yours sincerely



**(Sonali Ghosh)**  
**Dy Inspector General Of Forest**

**Copy for information / necessary action to:**

1. The Principal Secretary to the Government of Chhattisgarh, Department of Forests, Secretariat, Raipur – 492 001, Chhattisgarh, E-mail: secyfcg@yahoo.com , csoffice.cg@gov.in [Zoo Operator of the Nandanvan Zoo & Safari, Naya Raipur under Rule 2(m)(III) of the Recognition of Zoo Rules, 2009]
2. The Director-cum-Divisional Forest Officer-Jungle Safari, Forest Campus, Raja Talab, G.E. Road, Raipur – 492 001, Chhattisgarh, E-mail: dfojunglesafari@yahoo.com
3. The DPA, O/o CZA – to update database and to upload on official website of the CZA.

sd/-

**(Sonali Ghosh)**  
**Dy Inspector General Of Forest**



GOVERNMENT OF INDIA

भारत सरकार

MINISTRY OF ENVIRONMENT, FOREST & CLIMATE CHANGE

पर्यावरण, वन एवं जलवायु परिवर्तन मंत्रालय

**Central Zoo Authority**

केन्द्रीय चिड़ियाघर प्राधिकरण

BY REGD. POST/E-MAIL

F.No.19-160/93-CZA(147)(Vol.II)(AK)/741/2017

DATE: 05.04.2017

To

The Divisional Forest Officer,  
Jungle Safari Division and  
Director, Nandanvan Jungle Safari,  
Naya Raipur – 492 002. (Chattisgarh)  
E-mail: [dfojunglesafari@yahoo.com](mailto:dfojunglesafari@yahoo.com)

**Subject: Renewal of recognition as per the provisions of Section 38H of the Wildlife (Protection) Act, 1972 of the Nandanvan Jungle Safari, Naya Raipur for period beyond 20<sup>th</sup> January, 2017 - regarding**

**Reference:-**

1. Your application vide letter No.DFO/WL/Raipur/1579 dated 07.10.2016
2. This office letter F.No.19-160/93-CZA(147)(Vol.I)(AK)/249A/2016 dated 15.02.2016

Sir,

Reference is invited to above cited correspondence. It is to inform that the evaluation of the Nandanvan Jungle Safari, Naya Raipur was carried out by Dr. Brij Kishor Gupta, Evaluation and Monitoring Officer, Central Zoo Authority on 20<sup>th</sup> February, 2017. The evaluation report of the Nandanvan Jungle Safari, as submitted by the evaluating officer was considered by the Technical Committee in its 82<sup>nd</sup> Meeting held on 22<sup>nd</sup> March, 2017. Copy of evaluation report is enclosed with this letter for your perusal.

The Technical Committee of the Central Zoo Authority has decided to grant conditional renewal of recognition for a period of three years. The renewal of recognition of the Nandanvan Jungle Safari, Naya Raipur as a "Small category zoo" under provisions of Section 38H of the Wild Life (Protection) Act, 1972 is for a period up to 21<sup>st</sup> March, 2020 subject to the compliance of the following directives under the Recognition of Zoo Rules, 2009 and mid-term evaluation of the zoo:

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-2-

S. No.	Norm No.	Violation of Recognition of Zoo Rules, 2009	Time period to rectify
<b>3.Development and Planning</b>			
1	10.3(7)	The zoo operator should develop isolation and quarantine area at the Safaris developed at relocated site (Naya Raipur) and failed to observe the standard protocols before bringing new animals to the Safaris.	Six months
<b>5.Upkeep and healthcare of animals</b>			
2	10.5(10)	The zoo should prepare and maintain Keeper's Diary for each Safari section.	With immediate effect
3	10.5(10) and 10.7(2)	The zoo should prepare and maintain records pertaining to Treatment, Vaccination, De-worming, Animal diet. The Post-mortem Reports should be maintained in format prescribed by the CZA.	With immediate effect
<b>9. Acquisition and breeding of Animals</b>			
4	10.9(8)	The zoo operator should prepare and maintain individual Animal History Card and Herd Sheet for herbivores as prescribed by the CZA. The same should be maintained.	With immediate effect
<b>12. Visitor Facilities</b>			
5	10.12.(2)	The Jungle Safari should keep Anti-snake Venom and First Aid Kit available at the entry or any designated place.	With immediate effect

It is to inform that following are other conditions stipulated based on recommendation of the evaluating officer:

S.No.	Norm No.	CONDITIONS	Time Required to Comply
<b>1.General requirements</b>			
1	10.1(7)	The plastic waste lying inside the safari area of Tiger, Herbivore as well as in the Sloth bear Safari area should be removed.	With immediate effect
2	10.1(9)	The rabbits housed together with peafowl should be removed. The rabbits should not be housed in the zoo premises.	With immediate effect
<b>3.Development and Planning</b>			
3	10.3(3)	The area lying almost in the centre of the Jungle Safari, belonging to private person should not be marked as Eco cum Biodiversity Park and Fodder Production Area, since it does not belong to Safari Park.	With immediate effect

Continued...



4	10.3(3) and 10.4(8)	The animals housed in old site of the zoo i.e. Nandan Van Zoo in Raipur should be shifted to the Nandanvan Jungle Safari, Naya Raipur, following the approved Master (Layout) Plan and Master Plan of the CZA and after creating the appropriate housing facilities. For developing housing facilities at the Jungle Safari, the prior approval from the CZA should be obtained for the drawings of animal exhibits with respect to species listed in Schedule I and Schedule II of the Wildlife (Protection) Act, 1972.	With immediate effect
5	10.3(7)	Large number of rescued Parakeet belonging to various species are housed together. They should be released following the guidelines prescribed by the CZA in the matter or shifted to other recognized zoos having housing facility.	With immediate effect
<b>4. Animal housing, display of animals and animal enclosures</b>			
6	10.4(1&2)	Efforts should be made to camouflage fencing of the Safari which is visible from the Safari vehicle, by appropriate green cover.	Three months
7	10.4(1&2)	In Herbivore Safari, the kraal is visible to the visitors. It should also be camouflaged with appropriate green cover.	Three months
8	10.4(3)	The gate to enter kraal in Tiger Safari should have chain link mesh towards Keeper's gallery for the safety of zoo personnel.	Six months
9	10.4(10)	The signage provided inside the Tiger Safari stating Visitor Path, Water Body should be removed to allow natural feelings inside Safari. The guide in the vehicle may explain to visitors about the water body and its importance.	With immediate effect
<b>5. Upkeep and healthcare of animals</b>			
10	10.5(3)	The feed preparation area developed next to animal houses in Sloth bear Safari should be shifted away, as most bears stay near the feed preparing area whole day waiting for the food. Thus the food should be cooked in the Central Kitchen and it should be brought to Sloth bear enclosure, during their feeding hours only.	With immediate effect
<b>6. Veterinary and infrastructure facilities</b>			
11	10.6(1)	The floor of the Operation Theatre should have rounded corner, to prevent the waste blood and other bio material adhering to the corners on the floor.	Three months
12	10.6(1)	The Veterinary Hospital wing of the Safari should be strengthened, following the mandatory provisions laid under Recognition of Zoo Rules, 2009.	Three months
13	10.6(6)	The Veterinary Officers working with the Safari may be sent for exposure visit to other large recognized zoos in India and abroad.	-
14	10.12(1)	The Safari should have adequate number of public toilets, water drinking points located at appropriate locations, with facilities for <i>Divyang</i> visitors also.	Three months

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<b>12. Visitor Facilities</b>			
16	10.12(3)	The zoo should make arrangements for providing access to the handicapped persons (Divyang) for viewing wild animals at various animal enclosures.	Six months
<b>Other conditions:</b>			
15	---	Old site i.e. Nandan Van Zoo, Raipur should be closed to visitors and all animals should be shifted to new site.	With immediate effect

A half yearly report regarding progress made in implementation of the aforesaid conditions should be submitted to the Central Zoo Authority.

The renewal of recognition to the Nandanvan Jungle Safari, Naya Raipur for period beyond 21<sup>st</sup> March, 2020 as a "Small category zoo" would be considered on the basis of compliance of the conditions stated above and general performance of the zoo.

The recognition of the Nandanvan Jungle Safari, Naya Raipur shall be revoked by the Central Zoo Authority, at any point of time if the zoo operator is found not complying with the stipulated conditions.

**Enclosed – As above**

Yours sincerely,



**(Dr. D.N. Singh)**  
**Member Secretary**

**Copy to:**

1. The Secretary (Forests), Department of Forests, Government of Chattisgarh, Aranya Bhawan, Medical College Road, Fafadih, Raipur – 492 001. (Chattisgarh), E-mail: secyfcg@yahoo.com – for information with a request to ensure compliance of conditions stipulated by the Central Zoo Authority
2. The Chief Wildlife Warden, Department of Forests, Government of Chattisgarh, Aranya Bhawan, Medical College Road, Fafadih, Raipur – 492 001. (Chattisgarh) – for information and with a request that the conditions stipulated may be got implemented.
3. DPA, CZA – to update database





GOVERNMENT OF INDIA  
MINISTRY OF ENVIRONMENT, FOREST & CLIMATE CHANGE  
**Central Zoo Authority**



**THROUGH EMAIL/REGD. POST**

**F. No. 19-160/93-CZA(147)(Vol.I)(AK)/249/2016**  
(A)

**DATE: 15.02.2016**

To

The Chief Wildlife Warden,  
Government of Chattisgarh,  
Aranya Bhawan, Jail Road,  
Fafadih Chowk,  
Raipur – 492 001. (Chattisgarh)

*Noted*  
*File*  
*16/2/16*

**Subject:- Grant of renewal of recognition to Nandanvan Zoo, Raipur (to be relocated to Nandanvan Zoo and Safari at New Raipur, Chattisgarh) under Section 38H of the Wild Life (Protection) Act, 1972 for period beyond 30.04.2015 - regarding**

Sir,

Reference is invited to your letter No. DFO/WL/Raipur/1047 dated 09.07.2015 received in this office on 14.07.2015 seeking grant of renewal of recognition to Nandanvan Zoo, Raipur, Chattisgarh (to be relocated to Nandanvan Zoo and Safari, New Raipur) for period beyond 30.04.2015.

The evaluation of the Nandanvan Zoo, Raipur, Chattisgarh and site of relocation i.e. Nandanvan Zoo and Safari at New Raipur was carried out by Sri S. C. Sharma and Dr. A. K. Sharma on 06.01.2016. The evaluation report of the Nandanvan Zoo, Raipur as submitted by the evaluating officers was considered by the Technical Committee in its 77<sup>th</sup> Meeting held on 20<sup>th</sup> January, 2016.

The Central Zoo Authority has decided to grant renewal of recognition to Nandanvan Zoo, Raipur under Section 38H of the Wild Life (Protection) Act, for a period up to 20<sup>th</sup> January, 2017 to be relocated to new site at New Raipur, Chattisgarh subject to the compliance with the following directives under the Recognition of Zoo Rules, 2009 (Amended in 2013) and mid-term evaluation of the zoo:-

S. No.	Norm No.	Condition Stipulated	Time Period to Comply
1.	5.8	A written schedule should be prepared for regular screening of parasitic load of animals and the same should be displayed near the animals' enclosures.	With immediate effect
2.	5.9	All animal keeping staff should be screened and vaccinated against zoonotic diseases annually.	With immediate effect
3.	6.6	The zoo should establish linkage with the Centre for Wildlife at Jabalpur Veterinary College/Indian Veterinary Research Institute, Izatnagar, Bareilly	With immediate effect

4.	1.9	Food and water samples should be tested microbiological, toxicological and contaminants, if any.	With immediate effect
5.	5.4	Written schedule for vaccination and de-worming of various species of the zoo animals prepared and displayed in the hospital and various enclosures.	Three months
6.	4.8	Design of enclosure for Gharial be got approved from the Central Zoo Authority	Three months
7.	3.6	Report about schedule I animals received as rescued animals should be sent to the Central Zoo Authority regularly	Immediate effect
8.	General	Hospital staff handling diseased animals/dead animals should be protected against Rabies	Three months

Observations made by the evaluating officers on inspection of site of relocation i.e. Nandanvan Zoo and Safari at New Raipur are as follows:-

#### **Herbivore Safari:**

1. The chain-link fencing of all three Safaris has been completed. In Bear Safari, metal plate on the top are yet to be fixed.
2. The feeding cells, kraal of the Safari are also ready, however some minor rectifications are required which were discussed and suggested at the site.
3. Herbivore Safari kraal should be covered at the top with chain-link mesh or suitable net.
4. Feeding cells of Herbivore Safari should have appropriate arrangement for physically confining; the sick, injured, problematic animals in to small cubicles for physical handling, and design of the same may be obtained from the National Zoological Park, New Delhi.
5. At present herbivore Safari kraal gate is being operated by rake and pinion shaft system are too heavy and slow to operate. This should be replaced by lighter gates with push and pull system.
6. The feeding cell should have loose sand/soil substrate.

#### **Tiger Safari:**

1. In feeding cell of Tiger Safari, the drain constructed in front of the keeper's gallery will adversely effect smooth release of animals in to the feeding cells.
2. The drainage provision of feeding cell should suitably be modified.
3. The entry path of Tiger from feeding cells to paddock has given the shape of a tunnel. This may cause problem and the chances of tiger sitting in the tunnel cannot be ruled out. It should be dismantled.

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### **Bear Safari:**

1. In feeding cell of Bear Safari, the drain constructed in front of the keeper's gallery will adversely caused hindrance in release of animals in to the feeding cell. These need rectifications as above.
2. A mud ramp should be provided for entry of bear in to paddock from feeding cells.
3. In the continuous loop road arrangement should be made or a short cut road half way through as told in the field.

### **Hospital:**

1. Hospital building is ready but it is yet to be equipped. Necessary list of equipment must be kept in consultation with the Director, IVRI, Izatnagar, Bareilly and the same may be installed at appropriate places.
2. It was felt that there should be separate wards for indoor patients, at least two for carnivores and two for herbivores linking them to the hospital and sufficient kraal with each cell should be provided so that animals have ample sun light and air as per their requirement.
3. Director, Nandanvan Zoo and Safari has informed that certain other facilities like *Post-mortem* room, incineration chamber, fodder chopping center, staff quarters are yet to be constructed. The works are to be completed shortly.
4. Director, Nandanvan Zoo and Safari informed that at first instance release of only ungulates in the herbivore Safari shall be completed within 15 days.
5. Bear and Tiger will be first kept in feeding cells and kraal and after completion of paddock and all minor suggested works they will be released subsequently.

### **General observations:**

1. Gates of all the three Safaris are in final stage of construction and work is in progress, it will take a week or so for completion.
2. Water ponds created in Herbivore Safari cause drowning of young ones. Therefore, pond should be kept as such and water level maintained up to 75 cm depth.
3. Foot bath should be constructed at each entrance and exit gate of all Safaris and night houses in consultation of Zoo veterinarian.
4. The water channel of Herbivore Safari should be camouflaged by using local stones.
5. Wallowing ponds are not required and animals can wallow in the wet places they find near water channels.
6. Visitors' path of Safaris should be designed in such a way that these do not go very near to feeding cells.
7. The surface of the visitors' path should be stabilized with soil compaction technology.
8. In visitors' paths, provision should be so made that the vehicles could overtake / turn back as may be needed.
9. Existing store house in the herbivores Safari should be demolished.
10. Existing camp office in the herbivores Safari should be used to house the water pumping station and overhead tank.



11. In the chain link fence crossings over small nalahs the toe walls need to be strengthened, so that fence is not breached during rains.
12. Visitors' path should be tapered on both sides so that the vehicles can get down from the path as and when required.
13. Near the large water bodies in Tiger Safari, a portion of the road should have diversion to take it close to the water body and facilitate viewing of Tigers.

Recommendations on inspection of the site of relocation i.e. Nandanvan Zoo & Safari at New Raipur are as follows:-

1. Recognition should be granted to all the three Safaris under Section 38H of the Act.
2. Herbivore Safari should be allowed to get operational with immediate effect.
3. The Tiger Safari and Bear Safari should be made operational after all the works indicated above have been completed.
4. Initially small batches of Cheetal and Sambar will be soft released in the Safari. Ongoing repair works of Safari would not hinder the process any way.

A half yearly report regarding progress made in implementation of the aforesaid condition should be submitted to the Central Zoo Authority.

Further, it is to inform that the renewal of recognition to Nandanvan Zoo, Raipur, Chattisgarh under Section 38H of the Wild Life (Protection) Act, 1972 is granted for a period of one year till 20<sup>th</sup> January, 2017 and the intervening period ranging from 30.04.2015 to 20.01.2016 is hereby regularized by the Central Zoo Authority.

**The Zoo authorities are directed to comply with aforesaid conditions and to shift animals to relocated site i.e. Nandanvan Zoo & Safari at New Raipur.**

Grant of recognition to relocated site i.e. Nandanvan Zoo and Safari, New Raipur would be considered on the basis of compliance of the condition stated above and general performance of the zoo. The recognition to the Nandanvan Zoo, Raipur shall be revoked by the Central Zoo Authority, at any point of time if the Zoo Operator is found not complying with the stipulated conditions.

**Yours faithfully,**



**(Dr. D. N. Singh)  
Member Secretary**

**Copy to:-**

1. The Conservator of Forests, Nandanvan Zoo & Safari, New Raipur (Chattisgarh) – for information and necessary action
2. The Divisional Forest Officer, Jungle Safari Division, Raipur (Chattisgarh) – for information and necessary action
3. DPA, CZA – to update records



**(Dr. D. N. Singh)  
Member Secretary**



GOVERNMENT OF INDIA  
MINISTRY OF ENVIRONMENT & FORESTS  
**Central Zoo Authority**



THROUGH REGISTERED POST

F. No. 19-160/93-CZA(147)(M)/4623

DATE: 09.04.2014

To

The Divisional Forest Officer  
Raipur Division,  
Raipur (Chhattisgarh).

**Sub:- Grant of renewal of recognition to the Nandan Van Zoo, Raipur, Chhattisgarh beyond the period of 31.07.2013 under Section 38H of the Wild Life (Protection) Act, 1972.**

Sir,

Reference is invited to your letter No. DFO/WL/Raipur/1991 dated 02.05.2013 seeking renewal of recognition to the Nandan Van Zoo, Raipur, Chhattisgarh beyond the period of 31.07.2013 under Section 38H of the Wild Life (Protection) Act, 1972.

The evaluation of the Nandan Van Zoo, Raipur, Chhattisgarh was carried out on 10.03.2014 by Sh. Bipul Chakrabarty and Sh. S. K. Sahu. The evaluation report (enclosed) submitted by the evaluating officers was placed before the 69<sup>th</sup> Technical Committee Meeting held on 26<sup>th</sup> March, 2014.

The Central Zoo Authority has decided to grant of renewal of recognition to the Nandan Van Zoo, Raipur, Chhattisgarh as "Mini Category Zoo" under Section 38H of the Wild Life (Protection) Act, for a period up to 30<sup>th</sup> April, 2015 subject to the compliance of the following directives under the Recognition of Zoo (Amendment) Rules, 2013 and mid-term evaluation of the Zoo and subject to that master plan for new site should have got approved within the period of 6<sup>th</sup> months from the date of issue of this letter and necessary action should have got initiated for its relocation during the given period:-

S. No.	Relevant Schedule No.	Conditions	Time Period to comply the conditions
<b>1. General requirements</b>			
1.	1.1	Parakeets like moustache, alexandrine and rose ring should be displayed separately in appropriately designed enclosures.	With immediate effect

*[Handwritten signature]*

2.	1.5	Concertina barbed wire fence should be provided over the boundary wall.	Within six months
3.	1.7	(a) The solid wastes generated in the zoo should be disposed off through incinerator. (b) Soak pits of appropriate dimensions should be provided outside all large mammalian enclosure for disposal of liquid wastes.	With immediate effect
4.	1.8	The infirmed leopard should be removed from display and shifted to the newly built rescue centre.	With immediate effect

**2. Administrative and Staffing Pattern**

1.	2. 2 & 3	The zoo qualifies as a small category zoo. Therefore, one full time Curator and biologist should be posted. Appropriate mechanism for their carrier progression should be inbuilt in the recruitment rules.	Within six months
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**3. Development and Planning**

2.	3.1	The zoo authorities should take immediate steps for implementation of the Master (layout) Plan and Master Plan for shifting of the existing zoo from hathbandh to new Raipur city/ Jungle Safari and maintain the existing facility as a rescue/ conservation breeding centre.	Immediately
3.	3.6	A collection plan for the animals to be exhibited at new site should be prepared immediately and got approved from CZA.	Immediately
4.	3.7	Rescued animals like ratel should not be exhibited to visitors and all efforts should be made for its rehabilitation in wild/ natural habitat.	With immediate effect

**4. Animal housing, display of animals and animal enclosures**

5.	4.5	Appropriately designed enclosures as per the prescribed standards of CZA should be provided for Jackal, Rhesus monkey, Barn owl, Parakeets, Black kite, F. H. antelope, Barking deer and Leopard.	With immediate effect
6.	4.8	The design of partially constructed Gharial enclosure should be got approved from CZA before carrying on further construction.	Immediately



3.	1.5 1.7	Concertina barbed wire fence should be provided over the boundary wall. (a) The solid wastes generated in the zoo should be disposed off through incinerator. (b) Soak pits of appropriate dimensions should be provided outside all large mammalian enclosure for disposal of liquid wastes.	Within six months With immediate effect
4.	1.8	The infirmed leopard should be removed from display and shifted to the newly built rescue centre.	With immediate effect
<b>2. Administrative and Staffing Pattern</b>			
1.	2. 2 & 3	The zoo qualifies as a small category zoo. Therefore, one full time Curator and biologist should be posted. Appropriate mechanism for their carrier progression should be inbuilt in the recruitment rules.	Within six months
<b>3. Development and Planning</b>			
2.	3.1	The zoo authorities should take immediate steps for implementation of the Master (layout) Plan and Master Plan for shifting of the existing zoo from hathbandh to new Raipur city/ Jungle Safari and maintain the existing facility as a rescue/ conservation breeding centre.	Immediately
3.	3.6	A collection plan for the animals to be exhibited at new site should be prepared immediately and got approved from CZA.	Immediately
4.	3.7	Rescued animals like ratel should not be exhibited to visitors and all efforts should be made for its rehabilitation in wild/ natural habitat.	With immediate effect
<b>4. Animal housing, display of animals and animal enclosures</b>			
5.	4.5	Appropriately designed enclosures as per the prescribed standards of CZA should be provided for Jackal, Rhesus monkey, Barn owl, Parakeets, Black kite, F. H. antelope, Barking deer and Leopard.	With immediate effect
6.	4.8	The design of partially constructed Gharial enclosure should be got approved from CZA before carrying on further construction.	Immediately

### 3. Upkeep and Healthcare of animal

	5.2	In order to reduce pathogen level in supplied meat the same should be freeze (deep freezer) for adequate time period before feeding carnivores.	With immediate effect
8.	5.5	Left over meat and bones should be removed from carnivore feeding cells daily.	With immediate effect
9.	5.8	A written schedule should be prepared for regular screening of parasitic load of animals and the same should be displayed near the animals enclosures.	With immediate effect
10.	5.9	All animal keeping staff should be screened against zoonotic diseases annually.	With immediate effect
11.	5.10	Keepers dairy and daily reports should be maintained as per prescribed formats of CZA.	With immediate effect
<b>6. Veterinary and infrastructure facilities</b>			
12.	6.1 (b)	The zoo should provide a full fledged veterinary unit with all basic diagnostic facility.	Within six months
13.	6.3	Post-mortem room, isolation ward, quarantine ward, animal restraining and tranquilizing equipments and veterinary care reference library should be provided.	Within six months
14.	6.5	A full time compounder should be posted.	Within six months
15.	6.6 (a)	The zoo should establish linkages with the Centre for wildlife at Jabalpur Veterinary College.	With immediate effect
16.	6.6(b)	The zoo should depute the staff and officers to nearby zoos liked Nandankanan Biological Park, Bhubaneswar for training and upgradation of skills.	Within three months
<b>7. Post-mortem and disposal of carcasses of animals</b>			
17.	7.1	Unless otherwise specifically needed by the state Government for a very board, post-mortem examinations should be carried out by the zoo veterinarian/registered veterinarian.	With immediate effect
18.	7.2	Post-mortem findings should be maintained as per the prescribed formats of CZA.	With immediate effect

19.	7.4	Carcasses of animals should be disposed off by incineration ensuring maintenance of proper hygiene int eh zoo campus.	With immediate effect
<b>9. Acquisition and Breeding of Animals</b>			
20.	9.2	The adult Tiger pair (F1 generation) being kin should not be bred. Efforts for exchange of male with zoos should be made.	With immediate effect
21.	9.4	Immediate efforts should be made to pair the Giant squirrel and Ring necked pheasant.	With immediate effect
22.	9.8	Studbooks should be maintained for Bengal tiger, Four horned antelope, Sloth bear and Himalayan black bear.	With immediate effect
23.	9.9	Population control measures should be put in place for Black buck, Spotted deer and Hybrid lions.	With immediate effect
24.	9.10	A disaster management plan as per the CZA guidelines should be prepared and implemented through regular drills.	Within three months
<b>11. Education and outreach activities</b>			
25.	11	Appropriate sign boards having biological and ecological information of the animals exhibited should be provided in place of the existing signboards.	Within three months

**Other observations on new site at Naya Raipur (Earmarked for relocation of Nandan Van Zoo from Hathbandh):-**

1. The name Jungle Safari should be removed, it should be named as Nandan Van Zoo at new Raipur.
2. The State Government is keen to establish the Zoo at new site, however no plan exists for relocation of the old zoo.
3. A total of 202.87 hectare of land has been earmarked in Section 39 of Naya Raipur (near village Khandwa) for relocation of existing Nandan Van Zoo.
4. As of date a Master (layout) Plan for the same has been approved by Central Zoo Authority. However, the Master Plan has not been submitted so far to CZA for its approval as mandatory .The project proposal envisages to complete the entire works within 2 years time frame. However, the forest department has not yet phased out various activities that are required to be taken up in coming year.
5. Layout of water & sewerage channels/ line and electrical line has not been finalized.
6. Out of the area earmarked for establishing the relocated zoo, 32 hectares is disputed land and has not been yet allotted by Naya Raipur Development



- Authority (NRDA) to the forest department. A justification in this regard should be submitted to the Central Zoo Authority, immediately.
7. A golf course has been proposed adjacent to the campus/ near the proposed Conservation Breeding Centre.
  8. It has come to the notice to this Authority from evaluating officers that the matter regarding transfer of disputed land of 32 hectares is pending before the court. Therefore, there will be greater delay extending upto 5 years time before the old zoo could be relocated, detailed justification should be submitted.
  9. There will be large scale felling of fruit bearing trees to accommodate the Forensic lab and other animal facilities like night shelters for Bears, Tiger and Lion, which is not permitted under the National Zoo Policy, 1998.

A half yearly report regarding progress made in implementation of the aforesaid conditions should be submitted to the Central Zoo Authority.

Grant of recognition beyond 30<sup>th</sup> April, 2015 to the Nandan Van Zoo, Raipur, Chhattisgarh as a 'Mini Category Zoo' would be considered on the basis of compliance of the conditions stated above, general performance and physical evaluation of the zoo.

The recognition to the Nandan Van Zoo, Raipur, Chhattisgarh shall be revoked by the Central Zoo Authority, at any point in time if the Zoo Operator is found not complying with the stipulated conditions.

**Yours faithfully,**

**(Inder Dhamija)**  
**DIG (Hqr.)**

**Encl: as above**

Copy for favour of information & necessary action to:-

1. The Chief Secretary, Government of Chhattisgarh, Room No. 9-4/21, Mantralaya Machanadi Bhawan, Naya Raipur, Chhattisgarh – 492 002.
2. The Chief Wildlife Warden, Government of Chhattisgarh, Raipur.
3. Sh. Vivek Goel, DPA, CZA.

*Inder Dhamija*  
9/4/2014  
**(Inder Dhamija)**  
**DIG (Hqr.)**

SPEED POST



सत्यमेव जयते

GOVERNMENT OF INDIA  
MINISTRY OF ENVIRONMENT & FORESTS  
**Central Zoo Authority**



जहाँ है हरियाली।  
वहाँ है खुशहाली।।

**BY REGISTERED POST**

F. No. 19-160/93- CZA(147)(M)/236

DATE: 14.07.2011

19

To

The Divisional Forest Officer  
Raipur Division,  
Raipur (Chhatisgarh).

**Sub:- Renewal of Recognition to the Nandan Van Zoo, Raipur beyond the period of 31.03.2010 under Section 38 H of the Wild Life (Protection) Act, 1972 - Regarding.**

Sir,

Reference is invited to your letter No. 2719 dated 02.07.2011 seeking renewal of recognition to the Nandan Van Zoo, Raipur, Chhattisgarh beyond the period of 31.03.2010 under Section 38H of the Wild Life (Protection) Act, 1972.

The evaluation of the Nandan Van Zoo, Raipur was carried out on 28.12.2010 by Sh. Bipul Chakrabarty, Director, Tata Steel Zoological Park, Jamshedpur. The evaluation report of the Nandan Van Zoo, Raipur as submitted by the evaluating officer was considered by the Technical Committee in its 57<sup>th</sup> Meeting held on 24<sup>th</sup> March, 2011.

The Central Zoo Authority has decided to grant of recognition to Nandan Van Zoo, Raipur as a Mini Category Zoo under Section 38H of the Wild Life (Protection) Act, for a period up to 31<sup>st</sup> July, 2013 subject to the compliance of the following directives under the Recognition of Zoo Rules, 2009 and mid-term evaluation of the zoo:-

Norm No.	Conditions to be Complied	Time Period
<b>1. General requirements</b>		
8	The infected Rhesus macaques should immediately be removed from display and appropriate prophylactic measures taken to provide relief to the animals.	With immediate effect
9	Silky bantam hem should be removed from display.	With immediate effect

3. Development & Planning		
2	The revised master plan shall be prepared keeping in view of the comments as communicated by the Central Zoo Authority and got approved from CZA. Appropriate area for creating a rescue centre for Leopards and small mammals & birds should be earmarked in the plan.	Immediately

A half yearly report regarding progress made in implementation of the aforesaid conditions should be submitted to the Central Zoo Authority.

Grant of recognition to Nandan Van Zoo, Raipur beyond 31<sup>st</sup> July 2013 as "a Mini Category zoos" would be considered on the basis of compliance of the conditions stated above and general performance of the zoo.

The recognition to the Nandan Van Zoo, Raipur shall be revoked by the Central Zoo Authority, at any point of time if the Zoo Operator is found not complying with the stipulated conditions.

**Yours faithfully,**  
sd/-  
**(B. S. Bonal)**  
**Member Secretary**

Copy to:-

1. The Chief Wildlife Warden, Government of Chhattisgarh, Raipur for favour of information and with a request that the stipulated conditions may be got implemented.
2. Sh. Vivek Goel, DPA, CZA



**(Dr. Brij Kishor Gupta)**  
**Evaluation & Monitoring Officer**