

**Computer No. 147521  
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: +911124367846/51/52  
cza@nic.in  
Date: 26-05-2023

To,

The Chief Wildlife Warden,  
Govt. of West Bengal,  
North Block-3rd Floor,  
Vikas Bhawan, Salt Lake City,  
Kolkata-700091, West Bengal  
(Email: wbwildlife@gmail.com)

**Sub.-: Renewal of recognition of Surulia Mini Zoo, Purulia, West Bengal under Section 38-H(1), (3)&(4) of the Wild Life (Protection) Act, 1972 for period beyond 19<sup>th</sup> August, 2021- regarding.**

**Reference:**

1. This office letter no. 21-1/2021-CZA, Computer no. 158516 dated 31.03.2022 .
2. Application vide letter no 2618/26-3 dated 27.08.2021, from DFO Kangsabati North Division & Ex-officio Director, Surulia Mini Zoo, Purulia for recognition of Surulia Mini Zoo.
3. This office letter no. File No.22-71/2004-CZA(457)(NE), Computer No. 147521, dated 22.02.2021.

Sir/Madam,

With reference to above, it is to inform that the recognition of Surulia Mini Zoo, Purulia, West Bengal was accorded up to August 19<sup>th</sup>, 2021 vide reference no. 3 above. The application for the renewal of recognition of Surulia Mini Zoo, Purulia, West Bengal for the period beyond August 19<sup>th</sup>, 2021 was received by this office vide reference no. 2 above.

Sh. R.K. Singh, IFS (Retd.) was deputed by this office to carry out the evaluation of the Surulia Mini Zoo, Purulia, West Bengal vide CZA letter at reference no. 1 above. The zoo was accordingly evaluated on May 3<sup>rd</sup> 2022.

The evaluation report (copy enclosed) as submitted by the evaluation officer was deliberated in the 107<sup>th</sup> meeting of the Technical Committee of the Central Zoo Authority held on April 19<sup>th</sup>, 2023. The Technical Committee after detailed deliberations recommended to the Central Zoo Authority for the renewal of recognition Surulia Mini Zoo, Purulia, West Bengal for a period of two years and to regularise the period after August 19<sup>th</sup>, 2021, subject to compliance with observation/ recommendation in the table below and mid-term evaluation. The members also recommended that the zoo operator may be directed to submit half-yearly compliance report with respect to observation/ recommendation stipulated while renewal of recognition.

Subsequently, the recommendation of 107<sup>th</sup> Technical Committee Meeting was approved by the Chairperson, Central Zoo Authority. Accordingly, the Central Zoo Authority has regularised the period

I/44790/2023

after August 19<sup>th</sup>, 2021 and renewed the recognition of Surulia Mini Zoo, Purulia, West Bengal for a period up to May 25, 2025 under Section 38-H(1), (3) & (4) of the Wild Life (Protection) Act, 1972. This is subject to the ratification of this decision in the next meeting of the Central Zoo Authority.

Sr. No.	Norm No.	Particulars of suggestions/ recommendation	Time Period to Comply
<b>1. General Requirements</b>			
1.	10.1(7)	Dustbin should be placed appropriately at suitable regular interval in the Deer Park.	Immediately
<b>4. Animal housing, display of animals and animal enclosures</b>			
2.	10.4(10)	Proper signages describing location and salient features of zoo should be installed at various locations to create awareness among citizens and children.	Within three months
<b>9. Acquisition and breeding of animals</b>			
3.	10.9(1)	The zoo has ample space and resources, no of animals may be increased	Within six months
<b>12. Visitors facilities</b>			
4.	10.12(1)	<ol style="list-style-type: none"> <li>1. Safe drinking water should be available on multiple places.</li> <li>2. There is no bench in the zoo, it is very difficult and stressful for visitors to remain standing or moving position, this situation compounded in case of children, old age and ailing persons. At least 30-40 benches should be provided at the interval of 20-30 m.</li> <li>3. No visitor shed is available in the zoo, it's very difficult for visitors to save themselves from rains, scorching heat and sun. Atleast 4 visitor shed should be installed.</li> <li>4. Canteen facility is also required to facilitate visitors for tea, snacks and other edible requirements.</li> </ol>	Within three months
<b>Other observations</b>			
5.		Zoo is located inside the forest area, connecting road is quite far away, local conveyance is necessary to transport visitors from connecting road to zoo and vice versa.	As appropriate and availability of resources.
6.		Public conveyance from Purulia can also be arranged.	

A compliance report to the Central Zoo Authority on implementation of the aforesaid observation/ recommendation shall be submitted by the zoo within three months of issue of this letter. Further, half yearly report regarding progress made in the implementation of the aforesaid conditions should also be submitted to the Central Zoo Authority.

The recognition of Surulia Mini Zoo, Purulia, West Bengal for the period beyond May 25, 2025 would be considered on the basis of compliance of the conditions stated above, mid-term evaluation and general performance of the zoo.

The recognition of Surulia Mini Zoo, Purulia, West Bengal 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 the approval of the competent authority.

Yours sincerely,

Encl.: As above.

(SANJAY KUMAR SHUKLA)

**MEMBER SECRETARY**

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

1. The Principal Secretary to the Government of West Bengal, Department of Forests, Aranya Bhawan, Block LA-10A, Sector – III, Salt lake, Kolkata – 700 106, West Bengal (E-mail: secforest@wb.gov.in) [Zoo Operator of the Surulia Mini Zoo, Purulia, West Bengal under Rule 2(m)(III) of the Recognition of Zoo Rules, 2009]
2. The Member Secretary, West Bengal Zoo Authority, Aranya Bhawan, 7<sup>th</sup> Floor, Block LA-10A, Sector III, Salt Lake City, Kolkata – 700, West Bengal (Email: mswbza@gmail.com, wbzooauthority@yahoo.in).
3. The Ex-Officio Director, Surulia Mini Zoo, Purulia, Kangsabati North Division, Raghabpur Mor, P.O. & District Purulia, West Bengal - 723101 (Email: dfoknd@gmail.com).
4. The DPA, O/o CZA, (E-mail: dpa-cza@nic.in) – to update database and to upload on official website of the CZA.

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**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 22/02/2021

To  
The Chief Wildlife Warden,  
Department of Forests,  
Aranya Bhawan, Bidhan Nagar,  
Block -LA , No - 10A , Sector –III, Kolkata - 700 106,  
E-mail: wb.wildlife@gmail.com

**Subject: Renewal of recognition of the Surulia Mini Zoo, Purulia, West Bengal, 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)/2075/2020 dated January 10, 2020
3. This Office letter F.No.22-71/2004-CZA(457)(Vol-I)(NS)/156/2019 dated January 29, 2019
4. Application vide letter No.301/26-3 dated January 24, 2020 from the Divisional Forest Officer, Kangsabati North Division and Ex-officio Director, Surulia Mini Zoo, Purulia

Sir,

With reference to above, the undersigned is directed to inform that recognition of the Surulia Mini Zoo, Purulia under Section 38-H of the Wild Life (Protection) Act, 1972, was valid till September 28, 2019. Application vide letter dated January 24, 2020 received in this office for renewal of recognition from the Divisional Forest Officer, Kangsabati North Division and Ex-officio Director, Surulia Mini Zoo, Purulia, for renewal of recognition. Shri Rupak De, IFS (Retired) and Dr. A. B. Shrivastava, evaluating officers deputed by this office have evaluated the zoo on March 18, 2020. Copy of the Evaluation Report is enclosed herewith for your perusal and needful action.

2. Evaluation Report of the Surulia Mini Zoo, Purulia 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 September 28, 2019 and renewed recognition of the Surulia Mini Zoo, Purulia as a Mini Zoo for a period up to **August 19, 2021** 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(6)	Rest-House and Zoo should be separated by a boundary wall of two meters height with independent entry and exit.	By next evaluation
2	10.1(7)	Best water harvesting and retention structures using efficient groundwater recharge methodology should be put in place.	By next evaluation
<b>3. Development and Planning:</b>			
3	10.3(1)	Approval of the CZA should be obtained for Master Plan of the zoo and the same should be executed effectively.	Six months
4	10.3(3)	Approach road to be metalled in coordination with civic authorities.	Two years
5	10.3(3) & 10.6(1)	New Treatment room with all facilities should be completed.	One year
<b>4. Animal housing, display of animals and animal enclosures:</b>			
6	10.4(2)	Currently constructed Leopard Enclosure is not as per norms prescribed by the CZA. It should be modified in compliance with norms prescribed by the CZA. The night shelter should have fly-proofing and sufficient light to provide veterinary aid in odd hours.	Immediately
7	10.4(3) & 10.5(4)	Kraal needs to be modified and relocated to isolated portion as indicated during evaluation. Service Road should be completed.	One year
8	10.4(3)	Regular greasing of locking arrangements of Carnivore enclosures are to be done.	On arrival of carnivores
9	10.4(5)	Porcupine enclosure should be completed.	Six months
10	10.4(9)	Stand-off barriers for all animal enclosures should be completed.	One year
11	10.4(10)	Interpretation material/publicity material should be developed and Interpretation Centre should be made operational.	Six months
<b>5. Upkeep and healthcare of animals:</b>			
12	10.5(2)	Meat House should be constructed as per norms prescribed by the CZA along with proper drainage. Regular disinfection and hygienic handling should be ensured.	Before arrival of carnivores
13	10.5(2)	New Kitchen for animals should be completed.	One year
14	10.5(5)	Schedule should be prepared and implemented for daily cleaning and fortnightly disinfection of food serving bowls, water containers inside enclosure and night shelters for all the enclosures.	Immediately
15	10.5(6) & 10.6(6)	Zoo personnel including veterinary staff should be deputed to well managed zoos for training in wildlife.	Six months

Sl.	Norm No. under RZR	Condition	Time period to comply
<b>6. Veterinary and infrastructure facilities:</b>			
16	10.6(1)	Following equipment should be procured by the zoo: (a)Refrigerator for storage of food, drugs, and vaccines; (b)Freezer for storage of pathological samples; (c)Stethoscope; (d)Scales for weighing animals; (e)Transponders; (f)Thermometer; (g)One double-barrel tranquiliser gun with necessary accessories and proper storage; (h)Oxygen support; (i)Basic Surgery Instruments; (j)Surgical Light & (k)Autoclave respectively	One year
17	10.6(3)	New Rescue-cum Quarantine Centre should be completed.	One year
18	10.6(6)	Veterinarian and veterinary support staff should be deputed for basic training in Wildlife healthcare.	Within six months
<b>9. Acquisition and breeding of animals:</b>			
19	10.9(2)	Exchange of captive animals should be completed in compliance with statutory requirement.	Six months
20	10.9(3) & 10.9(4)	All unpaired animals should be paired.	Six months
<b>10. Research activities:</b>			
21	10.10	Zoo should prepare research plan according to local need.	By next evaluation

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 Surulia Mini Zoo, Purulia for period beyond August 19, 2021 as a Mini 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 Surulia Mini Zoo, Purulia 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 West Bengal, Department of Forests, Aranya Bhawan, Block LA-10A, Sector – III, Saltlake, Kolkata – 700 106, West Bengal, E-mail: secforest@wb.gov.in [Zoo Operator of the Surulia Mini Zoo, Purulia under Rule 2(m)(III) of the Recognition of Zoo Rules, 2009]
2. The Member Secretary, West Bengal Zoo Authority, 2<sup>nd</sup> Floor, KB-19, Sector-III, Salt Lake City, Kolkata – 700 098, West Bengal, E-mail: mswbza@gmail.com, wbzooauthority@yahoo.in
3. The Divisional Forest Officer, Kangsabati North Division and Ex-officio Director, Surulia Mini Zoo, Purulia, Raghampur More, P.O. & District Purulia – 723 101, West Bengal, E-mail: dfoknd@gmail.com
4. 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**

**From,**

Rupak De,

1/303, Vardaan Khand,

Gomti nagar Extension, Lucknow.

**To,**

Member Secretary,

Central Zoo Authority,

New Delhi.

Sub: Evaluation of Zoo's in West Bengal

**Sir,**

Kindly find enclosed herewith the evaluation reports of **Surulia Mini Zoo, Purulia.**

**Encl:** as above(1)

**Yours faithfully,**

  
(Rupak De)

18/3/20

**cc:** Dr A B Shrivastava, for information



**PART-I**

(to be filled by the officer-in-charge of the zoo)

Date of Evaluation: 18.03.2020

Name of the Evaluator/s: Shri Rupak De, IFS (retired), ex-PCCF, Uttar Pradesh and Dr. A.B. Shrivastav, former Director, SWFH, Jabalpur

1	Name of the Zoo	<b>Surulia Mini Zoo</b> , Purulia, West Bengal
2	Name/designation of the officer in-charge of the zoo	Amrita Dutta, IFS Divisional Forest Officer, Kangsabati North Division & Ex-Officio Director, Surulia Mini Zoo  Zoo Supervisor: Nalini KantaMahato, Range Officer
	Address:	Zoo Address : Vill .-Surulia, P.O. -Vivekananda Nagar, P.S.- Purulia (M), Pin – 723147, West Bengal  Division Address :Kangsabati North Division Raghabpur More, Purulia, Pin – 723101, West Bengal
	Mobile Phone:	Zoo Director : 9647053953 Zoo Supervisor : 9434883204
	Email:	<a href="mailto:dfoknd@gmail.com">dfoknd@gmail.com</a>
	Website:	NA
3	Location and Area of the Zoo (also indicate the distance from the city/town):	Location : Surulia Area : 6.5992 ha Distance from nearby town: 6 km
	Whether the office of Zoo Director is within campus, if outside, how far?	No 6 km.
4	If the Zoo Director is in-charge of any activity other than the zoo, if yes, please specify.	Yes Divisional Forest Officer, Kangsabati North Division (Territorial)
5	Operator/Agency under whose control the Zoo, and	Member Secretary West Bengal Zoo Authority
	Contact person	Shri V.K. Yadav, IFS, Member-Secretary, West Bengal Zoo Authority
	Address	Member-Secretary: Aranya Bhawan (7 <sup>th</sup> Floor), Block- LA-10A, Sector- III, Salt Lake City, Kolkata – 700 106
6	If the Zoo having a society/foundation/trust for financing and development of the zoo, if so, the details, thereof, attach a separate sheet	West Bengal Zoo Authority
7	Approximate population of the city where the zoo is located	2927965 (According 2011 Census)
8	Year of the Zoo founded	Recognized by the CZA in 2005
9	Year first opened to public	2005
10	Mission Statement of the Zoo	<ul style="list-style-type: none"> <li>To develop this mini zoo as a centre of excellence for ex-situ conservation and education and awareness programme by offering</li> </ul>

		<p>exceptional public service, recreation and interaction to help the future generation to become active citizens in wildlife conservation through nature education and awareness programmes.</p> <ul style="list-style-type: none"> <li>To act as a centre for receiving ill, injured, seized, and orphaned animals of Purulia District for temporary shelter, treatment and release of the same in the wild subject to availability of suitable habitat or otherwise scientific upkeep with strict adherence to the guidelines framed for the purpose.</li> </ul>																																				
11	Vision Statement of the Zoo	To develop the zoo to serve as a dynamic ex-situ nature conservation centre for the animals by preserving the indigenous bio-diversity of the region through scientific zoo management by trained staff and engaging in research activities the zoo can be developed as a centre of learning for people and make it self-sufficient to accomplish its objectives.																																				
12	The day on which the zoo closed to public	Tuesday																																				
13	Last Recognition valid up to and evaluated by (mention name of the team members)	28.09.2019, Dr Devender Kumar, Scientific Officer, CZA																																				
14	Whether your zoo is member of WAZA or any other such organizations, if so, provide details	No																																				
15	Officers present during the evaluation	1. Smt Amrita Dutta, IFS, Ex-officio Director 2. Smt Ankita Bhaduri, WBFS, ADFO, Kangsabati North Division 3. Sri Nalini Kanta Mahato, Zoo Supervisor & Range Officer																																				
16	<ul style="list-style-type: none"> <li>Total no. of animals exhibited by the zoo (during the last evaluation &amp; as on the date of evaluation)</li> <li>Species exhibited &amp; numbers</li> </ul>	<table border="1"> <thead> <tr> <th>Species</th> <th>During the last evaluation</th> <th>As on the date of evaluation</th> </tr> </thead> <tbody> <tr> <td>Peafowl</td> <td>0:2:0</td> <td>Nil</td> </tr> <tr> <td>Sloth Bear</td> <td>1:1:0</td> <td>0:1:0</td> </tr> <tr> <td>Common Langur</td> <td>3:0:0</td> <td>2:0:0</td> </tr> <tr> <td>Rhesus Macaque</td> <td>2:0:0</td> <td>2:0:0</td> </tr> <tr> <td>Indian Rock Python</td> <td>0:0:1</td> <td>0:1:0</td> </tr> <tr> <td>Owl</td> <td>0:0:1</td> <td>Nil</td> </tr> <tr> <td>Lesser Adjutant Stork</td> <td>0:0:2</td> <td>0:0:2</td> </tr> <tr> <td>Spotted Deer</td> <td>19:18:11</td> <td>7:13:4</td> </tr> <tr> <td>Porcupine</td> <td>0:0:2</td> <td>1:1:0</td> </tr> <tr> <td>Sambar</td> <td>Nil</td> <td>1:2:0</td> </tr> <tr> <td>Red jungle Fowl</td> <td>Nil</td> <td>1:2:0</td> </tr> </tbody> </table>	Species	During the last evaluation	As on the date of evaluation	Peafowl	0:2:0	Nil	Sloth Bear	1:1:0	0:1:0	Common Langur	3:0:0	2:0:0	Rhesus Macaque	2:0:0	2:0:0	Indian Rock Python	0:0:1	0:1:0	Owl	0:0:1	Nil	Lesser Adjutant Stork	0:0:2	0:0:2	Spotted Deer	19:18:11	7:13:4	Porcupine	0:0:2	1:1:0	Sambar	Nil	1:2:0	Red jungle Fowl	Nil	1:2:0
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17	List of Surplus Animals (attach a list)	None.																																				
18	List of additional facilities available at the zoo like and their entrance fees, if any;	NA																																				
	1. Nocturnal House																																					
	2. Reptile House																																					
	3. Aquarium																																					
	4. Safari																																					
	5. Boating																																					
	6. Morning Walks																																					
	7. Train Ride																																					
	9. Elephant Ride etc																																					
	10. Others, specify																																					
19	No. of visitors (during the current and last three financial year)	2016-17: 30635 Nos. 2017-18: 39174 Nos. 2018-19 :44104 Nos. 2019-20 (till December) : 25426 Nos.																																				

407195/2021/CZA	Surulia Zoo (last three years) (attach separate sheet if required)	2016-17 : Rs. 63,43,908/- 2017-18 : Rs. 90,74,138/- 2018-19 : Rs. 1,22,50,354/-														
	Revenue earned (last three years)	2016-17 : Rs. 2,82,064/- 2017-18 : Rs. 4,60,736/- 2018-19 : Rs. 5,06,465/- 2019-20 (till December) : Rs. 2,88,491/-														
22	Utilization of financial Assistance received from the CZA during last three years and its utilization	<table border="1" data-bbox="657 357 1518 514"> <thead> <tr> <th data-bbox="657 357 722 514">Year</th> <th data-bbox="722 357 860 514">Funds Recived From CZA</th> <th data-bbox="860 357 1047 514">Amount Spent With Item Wise Details</th> <th data-bbox="1047 357 1193 514">Savings, if any</th> <th data-bbox="1193 357 1518 514">Remarks Utilization Certificates Pending, if any, Provide Details</th> </tr> </thead> <tbody> <tr> <td colspan="5" data-bbox="657 535 1518 661">           Attach a Separate Sheet as Annexure:-             No Fund received from CZA         </td> </tr> </tbody> </table>					Year	Funds Recived From CZA	Amount Spent With Item Wise Details	Savings, if any	Remarks Utilization Certificates Pending, if any, Provide Details	Attach a Separate Sheet as Annexure:-  No Fund received from CZA				
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Attach a Separate Sheet as Annexure:-  No Fund received from CZA																



Ex-officio Director, Surulia Mini-Zoo  
&  
DFO, Kangsabati North Division

## PART-II

Details on compliance of the conditions stipulated by the Central Zoo Authority  
(as per the earlier letter of grant of recognition issued to the zoo)

F. No. 22-71/2004-CZA(457)(Vol. D)(NS)/156/2019, dated 29.01.2019

Sl.	RZR, 2009 Norm No.	Particulars of suggestions/ recommendation	Time Period to Comply	Since When Pending	Status with regard to compliance of the conditions as submitted by the Officer-in-charge of the Zoo	Status with regard to compliance as noted physically by the evaluator during the visit
<b>1. General requirements</b>						
1.	10.1 (2)	The zoo should plant indigenous species of the plants in and around the newly constructed enclosures.	Immediately	29.01.2019	Complied.	Seen.
2.	10.1 (6)	There is a rest house constructed inside the zoo premises. The same should be separated by a boundary wall of 2 mtr. Height with independent entry and exit facility.	Immediately	29.01.2019	Under process.	The wall should be completed by the next evaluation.
3.	10.1 (9)	The entry of the zoo through main entrance and from rest house side should have appropriate barrier to ensure prevention of entry of stray animals in the zoo premises.	Immediately	29.01.2019	Complied.	Seen.
<b>2. Administrative and Staffing Pattern</b>						
4.	10.2 (1)	The Zoo Director is also having the additional responsibility of the Forest division. A whole time officer-in-charge of the zoo should be deputed to work exclusively for the zoo who shall be of	Immediately	29.01.2019 and 15.06.2016	Complied. An In-Charge of rank Range Officer with adequate administrative and financial powers deputed as Zoo Supervisor.	Seen.

appropriate rank with adequate administrative and financial powers.

### 3. Development and Planning

5.	10.3 (1)	The zoo should get the Master Plan approved from the CZA for its long term development.	Immediately	29.01.2019	Complied.  Master Layout Plan approved on 28 <sup>th</sup> September, 2017 by CZA in its 30 <sup>th</sup> meeting.  Master plan approval is pending with CZA.	Concerned authority may be requested to grant approval within next 6 months.
6.	10.3 (7)	The zoo should not accept any rescued animal unless the zoo has appropriate housing facility for the animal.	Immediately	29.01.2019 and 15.06.2016	Complied.	Seen.

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

7.	10.4 (2)	At present the rescued monkey and birds are housed in very poor condition in small cages. The zoo should construct appropriate housing facility for the rescued animal as per the approved Master (Layout) plan following design and dimension of the enclosure prescribed by the CZA for similar species.	Immediately	29.01.2019	Complied.  Old Rescue Enclosures have been repaired properly.  Tendering Process for new Rescue-cum-Quarantine Centre is complete.	Seen.  New Rescue-cum-Quarantine Centre should be completed within 1 year.
8.	10.4 (3)	The keeper entry to the Spotted deer enclosure is from the visitor side. It should be modified by constructing Night House following CZA prescribed norms and guidelines. A Kraal should be constructed with feeding cells which may also be	Immediately	29.01.2019	Kraal has been constructed in the deer enclosure.  Keeper Entry shall be through Service Road side when the Service Road is constructed (Tendering process complete).	Kraal needs to be modified and relocated to isolated portion as indicated during evaluation.  Service Road should be completed

		used as night shelter for animals in extreme weather conditions.				within 1 year.
9.	10.4 (6)	The zoo should provide species specific enrichment to the animals of all species housed in zoo.	Six month	29.01.2019	Complied.  All enclosures are provided with species-specific enrichments e.g. Mud-pool for Sambar, Cave and water-pool for Striped Hyena, Climbing provision and water-pool for Common Leopard, Burrowing provision for Indian Crested Porcupine etc.	Seen.
10.	10.4 (10)	The bilingual Signage's should be displayed with adequate scientific information of the species housed in the enclosure.	Three month	29.01.2019	Complied.	Seen.  Signage is well-designed.
<b>5. Upkeep and healthcare of animals</b>						
11.		The left over excreta of animals and other wastes should be removed on daily basis.	Immediately	29.01.2019	Complied.	Seen.
12.	10.5 (5)	The provision of footbath should be made at entry and exit point of the each enclosure. Further, the footbath should have provision of proper disinfectant.	Immediately	29.01.2019	Complied.	Seen.
13.	10.5 (6)	The food and water samples should be tested randomly and periodically for any contaminants at recognized laboratory.	Immediately	29.01.2019	On process.	Seen.

		The animal vaccination and de-worming schedule should be prepared and displayed at each enclosure and the same should be implemented.	Immediately	29.01.2019	Complied.	Seen.
15.	10.5 (9)	The zoo staff handling the animals should be screened against zoonotic diseases at least once in a year and the record should be maintained thereof.	Immediately	29.01.2019	Complied. Last done in September, 2019.	Seen.
16.	10.5 (10)	The Keeper's Diary, Daily Reports, Animal History Cards and Treatment Cards should be prepared as per the specified standards/format of the Central Zoo Authority.	Immediately	29.01.2019 and 15.06.2016	Complied.	Seen.
<b>6. Veterinary and Infrastructure Facilities</b>						
17.	10.6 (1)	The zoo is constructing a treatment room for animals. It should have provision of sufficient light and should be well equipped.	Three month	29.01.2019	Treatment Room is complete and will be equipped with sufficient illumination and medical equipments. Procurement is on process.	Should be completed with all necessary arrangements within 1 year.
18.	10.6 (5)	Whole time veterinary support staff should be deputed.	Immediately	29.01.2019	Recruitment of whole-time veterinary support staff has been done.	Seen.
<b>7. Post-Mortem and disposal of carcasses of animals</b>						
19.	10.7 (2)	The zoo should record the finding of the post mortem of every animals dying in zoo. The CZA prescribed format should be used to record the finding and records should be maintained for not less than six years.	Immediately	29.01.2019	Complied.	Seen.
<b>9. Acquisition and breeding of animals</b>						

		2) The zoo should also take animal exchange programme especially for Spotted deer with other nearby recognized zoos as a safeguard against ill effects of inbreeding.	Immediately, as not done from long past.	29.01.2019 and 15.06.2016	Application for permission of Exchange program has been sent vide memo no 6544 dated 27 <sup>th</sup> December, 2019 of this office.	Seen. Animal exchange should be completed within 6 months.
21.	10.9 (7)	The surplus population of the Spotted deer should be transfer to nearby recognized zoo having appropriate housing facility or should be released in their natural habitat following procedure and guidelines laid in this regard with prior approval of the CZA.	Immediately	29.01.2019 and 15.06.2016	Complied. 30 no of spotted deers were translocated to natural habitat during March 2019 with due permission of CZA vide memo no. F.No.23/-1/2018- CZA(PKR)/4571/2018 dated 12.10.2018	Seen.
22.	10.9 (7)	The zoo should implement scientific population control methods to limit the growing population of the Spotted deer.	Immediately	29.01.2019 and 15.06.2016	Will be taken up in compliance with CZA norms.	Seen.
<b>10. Research Activities</b>						
23.	10.10 (1)	The zoo by involving local education institutions should initiate need based research programme in the zoo.	One year	29.01.2019	Complied. Students from local colleges take part in research activities.	Seen.
<b>11. Education and Outreach Activities</b>						
24.	10.11(1)	The zoo should celebrate various environment days and wildlife week as Education and Outreach activity for the local people to make them aware of environment conservation.	Immediately	29.01.2019	Complied. Regular Celebration of Environment and Wildlife Days involving School Children and Public is taken up.	Seen.
<b>12. Visitor Facilities</b>						



		The zoo should also procure and maintain snake anti-venom and made available to the visitor or zoo staff as and when required.	Immediately	29.01.2019	Available for staff and visitor at the District Healthcare Facility which is very close to the zoo.	Seen.
26.	10.12 (3)	The zoo should make arrangement of wheel chair to facilitate the visit of "divyangjan".	Immediately	29.01.2019	"Divyangjan"-friendly navigation and other facilities are present.	Seen.

Table 10: Standards and Norms subject to which recognition under section 38H of the Act shall be considered.

Condition		Detailed status of implementation and enclosure specific recommendation	
		To be filled by the Zoo Director	Comments of the Evaluating Officers
<b>1. General requirements</b>			
1.1	Does the zoo make efforts to maintain population of physically, genetically and behaviourally healthy animals for furthering the cause of wildlife conservation and communicating credible conservation message to the visitors?	Yes	Seen.
	b) If not please specify cases where it is violated? * Only in cases where stud books are maintained	-	-
	(c) If any introduction of new blood has been made after last evaluation to increase the genetic viability of animals.	Not yet.	
1.2	Whether any endeavour has been made for proper landscaping and planting of appropriate species done to provide a naturalistic environment within the zoo?	Yes, landscaping and planting of indigenous species has been done.	Seen.
	(b) If not indicate cases of deviation.	-	-
1.3	(a) Whether the movement of visitors in the zoo has been regulated in such a manner that zoo animals are not unduly disturbed?	Yes	Seen.
	(b) Is the zoo closed to visitors at least one day in a week?	Yes	Seen.
	(c) Which day?	Tuesday	Seen.
1.4	(a) Whether the zoo has appropriate barriers along the boundary of the zoo in accordance with the standards issued by the Central Zoo Authority, as a safeguard against the un-regulated access of visitors to the zoo and zoo animals and being subjected to injury, pilferage and predation?	Yes.  The zoo area is covered by a perimeter chain link fence of more than 2 metre height since 2014. Further, the Zoo lies within forest area far from villages.	Seen.
	(b) If not which stretch and its length?	-	
1.5	(a) Is the zoo surrounded by human landscape?	No	Seen
	(b) If yes, whether encompassed by a perimeter wall of at least two meter in height from the ground level on both sides?	-	-
1.6	(a) Is there residential colony constructed within the zoo premises?	Yes	Seen
	(b) If yes, whether separated by wall from the zoo premises by a boundary wall with a minimum height of two meters from the ground level?	Residential Colony separated from zoo area by 3m height woven wire fence	Seen
	(c) Is the entry to the residential colony through the zoo premises?	No	Seen
1.7	(a) What are arrangements for managing solid and liquid waste and storm water?	Solid waste is being disposed with the help of local municipal authority. Storm water is channelled into the waterbody using landscaping, waterpipes	

		and existing soak pits to recharge groundwater..																										
	(b) Is it adequate?	No.	Best Water Harvesting and Retention Structures using efficient groundwater recharge methodology should be put in place.																									
	(c)What are the short comings?	-																										
1.8	(a) Is the zoo displaying sick, injured, infirm and tethered animals to the visitors?	No	Seen																									
	(b) If yes, what are the species and each of their number?	-	-																									
1.9	a) Is the zoo housing domestic animals within the zoo premises?	No	Seen																									
	b) Is there adequate safeguards in place to prevent the entry of domestic livestock, stray animals and pets into the zoo premises?	Yes, entire zoo area is bounded by sacrosanct woven wire fencing, livestock-barring gate has been installed at rear entry gate.	Seen																									
<b>2. Administrative &amp; Staffing Pattern</b>																												
2.1	Does the zoo have an officer of appropriate rank as "whole time in-charge" of the zoo with powers to take decision and ensure that adequate financial resources and infrastructural support is made available to such officer for proper housing, upkeep and healthcare of the zoo animals and managing the zoo in a planned manner?	In-Charge of rank Range Officer with adequate administrative and financial powers deputed as Zoo Supervisor. Accordingly adequate financial resources and infrastructural support is being provided for betterment of the zoo and its inmates. In addition an officer of rank ACF has been deputed to assist the ex-officio direction in technical scrutiny and decision making.	Seen																									
2.2	Does the zoo have adequate scientific and technical staff to support the officer-in-charge of the zoo in carrying out the responsibilities of housing, upkeep and healthcare of zoo animals, research and visitor education as specified in the Table below, namely:	Recruitment of whole-time veterinary support staff has been done.	Seen																									
	<table border="1"> <thead> <tr> <th>Sl</th> <th>Category of staff</th> <th>Large zoo</th> <th>Medium zoo</th> <th>Small zoo</th> </tr> </thead> <tbody> <tr> <td></td> <td>Curator</td> <td>1</td> <td>1</td> <td>1</td> </tr> <tr> <td></td> <td>Veterinarian</td> <td>2</td> <td>1</td> <td>1</td> </tr> <tr> <td></td> <td>Education officer</td> <td>1</td> <td>1</td> <td></td> </tr> <tr> <td></td> <td>Biologist</td> <td>1</td> <td>1</td> <td>1</td> </tr> </tbody> </table>	Sl	Category of staff	Large zoo	Medium zoo	Small zoo		Curator	1	1	1		Veterinarian	2	1	1		Education officer	1	1			Biologist	1	1	1		
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	Biologist	1	1	1																								
2.3	If the scientific and technical posts are filled by direct recruitment, does the recruitment rule for such posts provide for their carrier progression including the benefit of flexible complementing scheme for their promotions?	Not Applicable	-																									

	In case of emergency, what is the response time when the veterinarian is off the premises (i.e. distance between officer, residence and zoo)	20 minutes only	Seen
<b>Development and planning</b>			
	(a) Has the zoo prepared and got the master plan approved by the Central Zoo Authority?	Revised Master Plan has been submitted to CZA for approval vide this Office Letter No. 1626/26-3, dated 18.04.2018	Relevant authority may be requested to grant approval within 6 months.
	(b) If not, what is the stage?	-	-
3.2	(a) Has at least 30% of the area earmarked for the zoo been kept under green belt and natural vegetation and the area for animal housing does not exceed 30% area of the zoo?	Yes	Seen
	(b) If not, approx what percentage?	-	-
3.3	(a) Have all 'pucca' buildings including the visitor facilities been planned and located in such a manner that the natural landscape of the zoo have not been masked and the cleanliness and hygiene of the zoo is not been affected due to such animal enclosures/structures?	Natural beauty, cleanliness and hygiene of the zoo is not affected due to pucca structures. All new buildings are being laid out according to CZA approved layout plan.	Seen
	(b) If not what improvements are suggested?	-	-
3.4	Has the zoo prepared a collection plan in consultation with the Central Zoo Authority, indicating the names of the species and maximum number of animals of each species to be housed in the zoo, having due regard to the congeniality of the climatic conditions of the locality for the general health and well-being of the species, availability of space and infrastructural support for proper upkeep and healthcare of the species, proximity of the zoo to the habitat range of the species and the past record of the zoo in management and breeding of the species and the zoo is not compromising on housing and upkeep standards of animals for accommodating new species or additional animals of the species in its collection?	Collection plan has been approved vide memo no. F.No.22-71/2004-CZA(457))Vol. I(NS)/762/2019 dated 07.05.2019 of the Central Zoo Authority.	Seen
3.5	(a) Has the zoo accepted any rescued animal for which it does not have appropriately designed enclosure and upkeep facilities as well as the facilities for keeping it in isolation during quarantine period?	Rescue facilities are currently adequate.	Seen
	(b) If yes which species and from where received?	-	-
	(c) The location of quarantine and isolation area?	New Rescue-cum-quarantine centre in an isolated location within the premises is under process.	Should be completed within 1 year.
3.6	a) Has the zoo accepted any rescued animal for housing?	No	Seen
	b) If so what is the species and number?	-	-
	c) Has the details been reported to CWLW of the state including a detailed report regarding the source from which the animal has been received, legality of its acquisition and the facilities available at the zoo for housing, upkeep and healthcare?	-	-
	d) If the rescued animal pertains to an endangered species whether a copy of the report has been sent to the Central Zoo Authority?	-	-
3.7	(a) Whether the Central Zoo Authority has advised to transfer any animal to a particular zoo for augmenting the number of founder animals for the	No	-

	ation breeding program?	-	-
	whether the same has been complied with?	-	-
<b>Animal Housing, display of animals &amp; animal enclosures</b>			
	(a) Are the animals displayed in nature immersing (naturalistic) enclosures?	Yes. As per CZA approved Master Layout Plan.	Seen
	(b) How many such enclosures for which species exist?	Rhesus monkey-1 no. Common langur-1 no. Spotted deer and Sambar - 1 no. Sloth bear-1 no. <u>Under Construction:</u> Common Leopard – 1 Striped Hyena –1 Indian Porcupine –1 Lesser Cat -1	Seen
4.2	(a) If the designs and dimensions of various enclosures have been decided having due regard to the biological behavior of the species and the number of animals to be housed	Yes, as per CZA approved Master Layout Plan.	Seen
4.3	(a) Are the enclosures safe and secure for the animals, animal keepers and the visitors and has requisite space for free movement, exercise and expression of their natural behavior?	Yes	Seen
	(b) If not, in which cases?	-	-
4.4	(a) Is adequate space available to the animals in order to maintain safe distance from the dominant animals in the group or herd?	Yes	Seen
	(b) If not, in which cases?	-	-
4.5	Which animals are kept in substandard enclosures as per CZA specification?	Porcupines are housed in cages until their CZA approved enclosure is completed.	Porcupine enclosures should be completed within 6 months.
4.6	(a) Has efforts been made to enrich the environment of the enclosures to meet the species specific behavioural requirements of the animals in accordance with the standards specified by the Central Zoo Authority?	Yes.	Seen
	(b) Where are the deviations?	-	-
4.7	(a) Has adequate screening been provided between adjacent enclosures to safeguard against the animals getting unduly excited or stressed due to visibility of animals housed in these enclosures?	Yes	Seen
	(b) What are the deviations?	-	-
4.8	(a) Has any new enclosure for endangered species constructed without prior approval of the Central Zoo Authority?	No	Seen
	(b) If yes, which ones and why?	-	-
4.9	(a) Has the zoo provided appropriately designed and effective standoff barriers at every animal display enclosure to regulate the movement of visitors in the zoo in a manner that facilitates the visitors in getting unobstructed view of wild animals, without reaching in the vicinity or proximity of the animals and getting the opportunity to physically touch or provoke the animals and are there adequate sign boards so as to give warning to the visitors to keep a safe distance from the animals?	Provided for all the current residents.  Required for Common Leopard, Hyena and other carnivores in the CZA-approved Animal Collection Plan.	Stand-off barriers for all enclosures to be completed within 1 year.
	(b) Where are the deviations?	-	-
4.10	(a) Have appropriate signage been provided with relevant information on the biology, behavior and the population status of the species in the wild at every display enclosure?	Yes	Seen

(c) In case of large and medium zoos whether interactive interpretation facilities have been provided for the purpose of explaining behaviour and biology of the species displayed in the enclosure?  
(d) Details thereof.

### 5. Upkeep and healthcare of animals

5.1	<b>Enclosures and animal facilities</b>	As per CZA-approved Animal Collection Plan.	All unpaired animals should be paired.
	(a) Whether the animals in its collection are maintained in socially and behaviorally viable groups?		
	(b) If any animal is separated from the group, the justification for the same and whether the animals, so separated, have been housed in accordance with standards specified by the Central Zoo Authority in this regard.	-	
	(c) Whether the food containers and water bowls are cleaned and disinfected on daily basis?	Yes	Seen
	(d) Whether grills and floor of feeding cells, night shelters and chain link fence of outdoor enclosures are being disinfected on routine basis.	Yes	Seen
	(e) Whether perches and shelves are cleaned regularly and kept free of faeces and urine?	Yes	Seen
	(f) Whether dirt substrates in outdoor planted exhibits are raked and spot- cleaned periodically?	NA	Seen
	(g) Whether the zoo has provision of secondary holding areas for safe movement of animals from primary enclosures for cleaning/ feeding/ medical procedures?	Yes	Seen
	(h) Provision of footbath of adequate size with proper disinfectant at entry and exit points of animal house is provided or not?	Yes	Seen
	(i) Whether the indoor exhibits have separate ventilation system between exhibits and visitors area to reduce the potentials of disease transmission, in case of reptile and nocturnal animal houses?	NA	-
	(j) Whether the drainage system is covered properly and away from animal houses?	Yes	Seen
5.2	<b>Nutrition and food hygiene</b>		
	<b>General</b>		
	1. Are the animals ensured timely supply of :		
	(a) adequate quality feed as per species specific diet of such a composition and in such quantities that nutritional and physiological requirement of each animal is fully met and no animal remains under-nourished on account of dominant animals not permitting other animals getting their share of the feed?	Yes	Seen
	(b) Is round the clock supply of potable water to all the animals is ensured?	Yes	Seen
	2. Whether inventory of daily received and distribution record of food items is maintained?	Yes	Seen
	3. Whether the storage conditions of the food items are appropriate (free from moisture, moulds and pests)?	New Kitchen-cum-store construction is under process (Tendering done).	Work should be completed within one year
	4. Whether the food storage facilities and working platforms are cleaned and disinfected on regular basis?	Yes	Seen
	5. Whether the regular inspection of food items is being done for its quality and freshness and transported hygienically to the respective enclosures?	Yes	Seen
	6. Whether random food and water samples are being tested periodically for microbiological, toxicological and any other contaminants at recognized laboratory	Water samples are being tested by PHE.	Seen

*Food and hygiene*

<p>1. Whether the meat house is fly proof and pest free and located at a reasonable distance from the feed store and kitchen?</p>	<p>NA</p>	<p>Presently not required.</p>
<p>2. Whether the zoo maintains strict hygienic conditions in the entire food stream, from the butchery to feeding platforms in order to prevent food contamination and overgrowth of potential pathogenic bacteria?</p>	<p>NA</p>	<p>Should be done once the carnivores arrive.</p>
<p>3. Whether the zoo has a sufficient size functioning freezer in the meat processing facility for storage of meat products and to keep cold until it is fed?</p>	<p>NA</p>	
<p>4. Whether the meat handlers entering the facility change into a clean and disinfected boots and coveralls?</p>	<p>NA</p>	
<p>5. Whether the meat handlers use clean gloves when handling the meat?</p>	<p>NA</p>	
<p>6. Whether the meat preparation facility is thoroughly cleaned and disinfected on regular basis after the meat preparation is completed?</p>	<p>NA</p>	
<p>7. Whether there is a covered drainage system to prevent wastes and water from the meat preparation facility from draining onto the ground surrounding the facility where foot traffic will carry pathogens around and where wildlife may become exposed to the waste?</p>	<p>NA</p>	
<p>8. Whether the meat is fed on a clean and disinfected surface and at a time when the animal will consume it as quickly as possible?</p>	<p>NA</p>	
<p>9. Whether the keepers use clean gloves, if they handle the meat prior to feeding?</p>	<p>NA</p>	
<p><b>Food distribution</b> 1. (a) Is the timing of distribution of food, placement of food and way of distribution of food to the animals regulated in such a manner that the animals get maximum opportunity to express natural instincts and skills and behaviour related to feeding?</p>	<p>Yes</p>	
<p><b>Removal of unused feed and excreta</b> Are the left over feed, excreta of animals and all other wastes are removed promptly from the feeding cells and kraals and the feeding cells and kraals are washed and disinfected as per the advice of the authorized veterinary officers and the solid and the liquid waste generated during the process are disposed off in such manner that has no adverse impact on the hygiene and cleanliness of the zoo and the landscape surrounding the zoo?</p>	<p>Yes</p>	<p>Seen</p>
<p>(a) In which cases improvement is recommended?</p>	<p>NA</p>	<p>-</p>
<p>(b) Are the dimensions and designs of the feeding cells and kraal as per the standards specified by the Central Zoo Authority?</p>	<p>Yes.</p>	<p>Seen</p>
<p>(c) Cases of deviation, if any?</p>	<p>No</p>	<p>-</p>
<p>5.3 <b>Visual observation on daily activity pattern of animals and preventive healthcare</b></p>	<p>Yes</p>	<p>Seen</p>
<p>1. (a) Do the curatorial and the veterinary staff keep a close watch on the general behavior and health parameters of the zoo animals?</p>	<p>Yes</p>	<p>Seen</p>
<p>(b) Are the animals handled only by the staff having experience and training in handling the individual animals?</p>	<p>Yes</p>	<p>Seen</p>
<p>(c) Whether periodical health monitoring of animals have been carried out regularly?</p>	<p>Yes</p>	<p>Seen</p>
<p>2. If any animal shows any sign of dullness, loss of appetite, injury or abnormal behaviour: is the animal thoroughly assessed and provided medical attention promptly as per the standards specified by the Central Zoo Authority in this regard from time to time and the direction of the zoo administration?</p>	<p>Yes</p>	<p>Seen</p>
<p>3. Is every zoo animal screened for parasitic loads as per written schedule prepared by the zoo in consultation with the veterinary officer and prophylactic medicines administered as per clinical requirements and vaccination of animals against infectious diseases are also done, as per the schedule prescribed by the Veterinary Officer from time to time?</p>	<p>Yes</p>	<p>Seen</p>

Do the zoo have written schedule of vaccination and de-worming for different species of the zoo animals and displayed at the enclosure site?

Written schedule is present. Displayed at the enclosures.

Seen

5. Does the zoo maintains detailed records of observations of biological and social behaviour and health status of the animals including feed intake, medication and treatment provided in the keeper's diary, daily reports, animal history cards and treatment cards, as per standards specified by the Central Zoo Authority?

Yes

Seen

6. Are all staff involved with upkeep and healthcare of zoo animals screened against zoonotic diseases once every year and those found positive to any communicable disease are provided appropriate treatment till they get cured and become free of the infection and during the period of such treatment, the infected employees are kept away from the responsibility of upkeep and healthcare of the animals?

Yes.

Seen

Screening of staff done regularly. Last done in September 2019.

7. Whether the zoo has clause of employing a zoo keeper temporarily ailing for usefully utilizing them elsewhere in the zoo in the intervening period.

Yes

Seen

8. Every zoo should have formal linkages through a MoU on healthcare, preventive, health management, surgical interventions, clinical tests, disease diagnosis and consultation in treatment and management during the period of convalescence.

Written order of Director, Animal Husbandry and Veterinary Services, West Bengal designating officers to render health care services to the zoo exists. Designated VO, SAHC, Purulia looks after healthcare in this zoo.

Seen

(a) Whether the zoo has any such MoU with the nearest veterinary institution?

(b) Whether the MoU contains names and contact details of person/ persons to be contacted to assist zoo management in all aspects in health management for zoo animals?

## 6. Veterinary and Infrastructure Facilities

6.1	<b>Zoo hospital</b> (a) Are veterinary facilities appropriate to the size and type of the animal collection of the zoo including isolation ward and quarantine facilities located away from the hospital and other animal collections?	Appropriate Veterinary facilities available.	Seen
	(b) Does the zoo have a full fledged veterinary unit with all basic diagnostic facilities, pharmacy, diagnostic and treatment room, comprehensive range of drugs, operation theatre and in-patient wards?	A new treatment room as per CZA approved plan is being developed.	Should be completed within 1 year
	(c) Are there suitable and appropriately designed holding facilities for animals requiring extensive medical care?	Yes	Seen
	(d) Whether the veterinary facilities have a separate area / room for equipment cleaning and sterilization?	Yes	Seen
	(e) Whether the zoo has basic hospital and monitoring equipment:		
	✓ refrigerator (5°C)	No	Following equipments should be procured- 1. Refridgerator for storage of food, drugs, and vaccines. 2. Freezer for storage of pathological samples. 3. Stethoscope 4. Scales for
	✓ stethoscope	No	
	✓ freezer (-17°C)	No	
	✓ scales for weighing animals	No	
	✓ transponders for animal ID and transponder reader	No	
	✓ ultra-low freezer (-70°C) for serum banking and diagnostic samples	No	
	✓ ophthalmoscope	No	
	✓ otoscope,	No	
	✓ thermometer	No	
	✓ capture equipment (i.e. darts and dart projectors)	No	
	✓ laryngoscope and blades	No	
	✓ endotracheal tubes	No	
	✓ oxygen support (regulators and demand valves)	No	
	✓ inhalation anesthesia machine that can support a tiger-sized animal	No	



anesthesia monitoring equipment (single or multiparameter)	No	
pulse oximeter	No	5. Transponders
✓ ECG (blood pressure monitor included)	No	6. Thermometer
✓ basic surgery instruments	No	7. One double-barrel tranquiliser gun with necessary accessories and proper storage.
✓ surgical light	No	8. Oxygen support
✓ autoclave	No	9. Basic Surgery Instruments
✓ basic dental instruments	No	10. Surgical Light
		11. Autoclave
(f) Whether the zoo has basic diagnostic support to enable and make rapid assessments of physiologic status of sick and injured animals:	Samples are sent to the Veterinary Institute and to the Hospital of Zoological Garden, Alipore for analysis.	Requirement to be developed as per CZA guidelines.
✓ Hematocrit and hematocrit centrifuge for Packet Cell Volume	No	-
✓ Hand-held refractometer for Total Serum Solids	No	-
✓ Hemacytometer and associated items for Manual RBC and WBC counts	No	-
✓ Standard laboratory centrifuge, microscope and glassware for Fecal Parasite Examination	No	-
✓ Standard laboratory centrifuge and glassware for Serum / Plasma separation	No	-
g) Whether the zoo has arrangements of reference laboratory support and rapid transportation of diagnostic samples to nearest veterinary institution equipped with following facilities: <ul style="list-style-type: none"> <li>✓ Automated blood cell counting</li> <li>✓ Clinical chemistry</li> <li>✓ Bacterial culture and antibiotic susceptibility</li> <li>✓ Viral isolation and identification</li> <li>✓ Antibody/ antigen serology</li> <li>✓ Pathogen identification through ELISA or PCR</li> <li>✓ Toxic agent analysis</li> <li>✓ Parasite identification</li> </ul>	No	-
(h) Has the zoo acquired sophisticated and costly diagnostic equipments for which there are no technically qualified manpower to operate and use the same?	No	-
(i) Whether the veterinarian and technician have requisite training for equipment use and data analysis?	No	Veterinarian and parastaff need basic training on wildlife healthcare.
(j) Are there proper storage facilities for various medicaments and chemical immobilization drugs?	No	-
(k) If a mini zoo, does it have at least facilities of a treatment room?	A new treatment room as per CZA approved plan is ready, which will be furnished with modern treatment facilities.	Should be completed within 1 year.

	Animal restraining cages are present. Other equipment or drugs are not.	Suitable equipment may be procured as per CZA norms.															
(2) Whether the animal restraint equipment are being kept and maintained as per standard protocol ?	Yes	Seen															
(3) Whether the veterinarian and technician have requisite training in equipment use and animal restraint techniques including handling of drugs and management of human emergencies?	Yes	-															
(4) Is it the restraint of an animal requiring chemical immobilization done exercising utmost care and following the standards specified in this regard by the Central Zoo Authority from time to time?	NA	CZA standards should be followed in chemical immobilisation in future.															
(5) Whether the veterinarian has requisite training in Animal immobilization with specific reference to wildlife?	NA	-															
(6) Is there a dedicated refrigerator for storage of chemical restraint drugs?	No	May be procured as per CZA norms.															
<b>6.3 Veterinary Support staff</b> Does the zoo have the zoo veterinary support staff as specified in the Table below ; namely – <table border="1" data-bbox="181 825 935 968"> <thead> <tr> <th>S.No</th> <th>Support staff</th> <th>Large Zoo</th> <th>Medium Zoo</th> <th>Small Zoo</th> </tr> </thead> <tbody> <tr> <td>1</td> <td>Lab Assistant (Technician)</td> <td>1</td> <td>1</td> <td></td> </tr> <tr> <td>2</td> <td>Stockman / compounder</td> <td>2</td> <td>1</td> <td>1</td> </tr> </tbody> </table>	S.No	Support staff	Large Zoo	Medium Zoo	Small Zoo	1	Lab Assistant (Technician)	1	1		2	Stockman / compounder	2	1	1	Recruitment for Veterinary staff has been done.	Seen.
S.No	Support staff	Large Zoo	Medium Zoo	Small Zoo													
1	Lab Assistant (Technician)	1	1														
2	Stockman / compounder	2	1	1													
<b>6.4 Wildlife veterinary medical education and training</b> 1. Does the zoo have linkages with the eminent institutions and organizations working in the field of wild animal healthcare with the objectives to provide for : <ol style="list-style-type: none"> <li>Assistance in scientific diagnosis of diseases of serious nature and advice on the effective remedial treatment.</li> <li>Training and upgrading technical skills of animal health staff.</li> <li>Development of protocols for preventive medicines and vaccination</li> </ol>	Institutions like WII, IBRI, SWFH are contacted as and when required.	Seen.															
2. Whether the veterinary officer has requisite training/education in wildlife medicine/health ?	Yes	Seen.															
3. Whether the zoo has any training programme/residency for skill development for the zoo veterinary medical officer in wildlife medicine in a large foreign zoo ?	No	Should be done as per CZA norms.															
<b>7. Post-mortem and disposal of carcasses of animals</b>																	
<b>7.1 Post mortem facilities</b> 1. Does the zoo, unless it is mini zoo have a modern post mortem room, equipped with sufficient light and post mortem equipment?	Post Mortem room has been constructed.	Seen.															
2. Whether the zoo veterinarian has specialized knowledge and skills in wildlife pathology?	Yes	Seen.															
3. Is there availability of pathology support from nearest veterinary institution to provide specialized capabilities and consultation particularly for post mortem of an endangered species requiring definitive diagnosis and collection of samples in a scientific way and as per protocols required by reference laboratories / veterinary institute?	Yes	Seen.															

	Every animal dying in the zoo is being subjected to a detailed post mortem examination by registered veterinarian to determine conclusively the cause of the death?	Yes	Seen.
	Are the findings of the post-mortem examination referred to in sub-paragraph (1) recorded in such format as have been prescribed by Central Zoo Authority in this regard and is it maintained for a period of not less than six years?	Yes	Seen.
7.3	1. In the event of the post mortem being inconclusive and no specific reason for death is identified, do the zoo authorities send the samples of the tissues and organs, blood, viscera etc. for further examination to the qualified diagnostic laboratory having adequate specialization for further investigation and identifying the cause of death?	Yes	Seen.
	2. Whether the post mortem report is corroborated with other diagnostic findings in consultation with specialized reference laboratories / veterinary institutions?	Yes, as and when required.	Seen.
7.4	Does the zoo ensure that the carcasses of the animals, after the post-mortem has been conducted, is disposed off by burying or burning in a manner that does not have any adverse impact on the hygiene and cleanliness of the zoo ?	Yes	Seen.
	a) Are the carcasses of large cats disposed off by burning in the presence of Director of the zoo or any officer in the next rank to him and authorized by him in this behalf?	NA	-
	b) Are the carcasses of animals which died due to Anthrax or such other communicable diseases not opened and subjected to post-mortem, as a safeguard against spread of the disease and they are buried intact?	NA	-
<b>8. Euthanasia</b>			
8.1	No animal in the zoo shall be euthanized unless doing so is essential for relieving from suffering from incurable disease /condition as per the norms of CZA.	Noted	-
<b>9. Acquisition and breeding of animals</b>			
9.1	Are animals of various species kept and maintained in social viable groups and with such a sex ratio that optimizes breeding and helps in developing a self-sustaining population of each species?	No, population management is needed for Rhesus Macaque, Grey Langur, Indian rock Python.	Unpaired animals should be paired
9.2	(a) Has the zoo acquired animals based on scientific assessment of its lineage and genetic relatedness to Safeguard against ill effects of inbreeding on the zoo population, through exchange, loaning and getting gifts of animals from other zoos? (b) If there is any deviation, details thereof.	Yes	Seen.
9.3	(a) Has the zoo acquired single animals or genetically non-viable number of animals unless such acquisition is necessary for pairing of single animals or making the group genetically/ biologically viable? (b) Please indicate such cases.	No -	Seen. -
9.4	(a) Has the zoo tried to acquire mates for single and unpaired animals on priority basis and in the event of any zoo failing to find a mate for single and unpaired animal within a period of six months, the unpaired or single animal have been transferred or exchanged or given on breeding loan to any other zoo in accordance with the norms specified by the Central Zoo Authority in this regard? (b) Please indicate unpaired species, its sex and for the period it has been kept unpaired.	Yes Rhesus Macaque (2 M) Grey Langur (2 M) Indian Rock Python (1 F)	Unpaired animals should be paired

	Has the zoo transported animals from one place to another and if so CZA protocols were followed?	Yes	Seen
	of the purpose of transportation of animals from one place to another, are the standards specified in this regard by the CZA complied with.		
	a. Has the Central Zoo Authority assigned any endangered species for Conservation Breeding Programme to the zoo, if so please indicate?	No	-
	b. If a scientific conservation breeding plan species recovery plans for the species have been prepared or not? If the plan is being followed by the zoo?	NA	-
	c. Is the Conservation Breeding Facility situated in off display area of the zoo?	NA	-
	d. Has the founder population of the species bred in zoo, indicate numbers bred in the zoo?	NA	-
	e. Have the animals been conditioned for reintroduction in the wild?	NA	-
	f. Has there been sufficient technical inputs from the species experts? Please elaborate the responsibility of conservation breeding of the identified critically endangered species to identified zoos having technical capabilities and housing facilities, preferably close to the distribution range of the species and every zoo shall help the identified zoos in implementing the breeding programme. Please indicate specific cases for the zoo.	NA	-
9.7	Has the zoo spared surplus animals from the breeding population to the participating zoos for display purposes on the basis of quality of housing and infrastructural facilities available with the concerned zoos?	NA	-
9.8	With a view to prevent inbreeding and the loss of heterozygosity is the zoo maintaining the animal history cards & stud and herd book for the animals of endangered species housed in the zoo and putting appropriate identification marks for transfer or exchange animals with other zoos?	Animal history cards are being maintained.	Seen
9.9	a. Is the zoo limiting the number of animals of each species within the limits set by the animal collection plan of the zoo by implementing appropriate population control measures like segregation of sexes, vasectomy, tubectomy and implantation of pellets etc., with due consideration of the health and welfare of the animals and interest of their long term survival? Please indicate species wise numbers over the last three years.	Done as per CZA norms as and when required.	Seen
	b. What methods of population control were employed and comparative success?	No	-
9.10	Has the zoo implemented disaster management plan, training and mock drills to prevent accidents in zoo in accordance with master plan?	No	-
	Indicate action taken for safeguard against any accident/ escape of the zoo animals from the premises of the zoo and in the event of any accidental escape, immediate action was taken to retrieve the escaped animals?	Zoo boundary woven wire fencing exists on all sides to contain animals, if they ever escape from their enclosures.	Seen
9.11	Has the zoo released any surplus captive animal into the wild except in accordance with the norms specified by the Central Zoo Authority in this regard? Annex details	Yes. 30 no of Spotted deers.	Seen
9.12	Is the hybridization of species or races of same species taking place in the zoo? Which species?	No	Seen
<b>10. Research Activities</b>			
10.1	a. Has the zoo implemented a research plan as indicated in the Master Plan and conducted research on the prioritized species and specific areas of concern?	Not done yet	Zoo to plan according to local need by next evaluation.
	b. Has the zoo accessed grants form CZA or other institutions/agencies for the Research Project. Indicate details and outcomes?	No	-

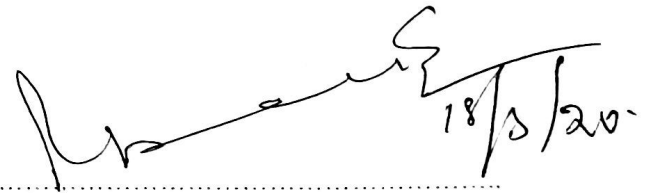
	to carrying out collaborative research for evolving innovative techniques for providing the animals housed in the zoo a better quality of life, enhanced longevity, higher genetic and behavioural viability and improved reproduction potential and to achieve the said goal. (Every zoo, other than mini zoos, shall make arrangements for meticulous recording of data on the social behaviour, group dynamics and reproductive biology of the species housed in the zoo and developing a data base to be shared with other zoos and the identified institutions, in accordance with norms specified by the Central Zoo Authority in this regard)	No	-
	d. Research paper/ technical reports published. Details of its implementation.	No	-
<b>11. Education and Outreach Activities</b>			
11.1	a. Has the zoo made efforts to educate the visitors to the zoo and the people at large about the significance of wildlife conservation for the general well-being of the people and keeping the life support system of nature intact and to make people aware about the role played by the zoos in this regard and the ways and means through which general public can participate and contribute for the same?	Yes, regular trainings are undertaken in the zoo involving students of schools, colleges, other trainees. Important days such as Earth Day, World Environment Day, Wildlife Week, Wildlife Film Fest, etc are celebrated to generate awareness among the public.	Seen
	b. Whether the zoo has appropriate signages and interpretation facilities, Souvenir Shop, Library Facility accessible, dedicated Website and carrying out the Outreach and awareness, Guided Tour, celebrations of various events	Appropriate signage, dedicated website present. Various events are celebrated throughout the year.	Seen
11.2	Is physical handling or performances by animals permitted as part of educational activity?	No.	-
<b>12. Visitor Facilities</b>			
12.1	Is the zoo providing adequate civic facilities for visitors at appropriate and convenient places in the zoo including physically disadvantaged persons and such facilities are so located that they do not mask or impact the view of enclosures?		Seen
	a. Drinking Water	Yes	
	b. Urinals	Yes	
	c. Ramps	Yes	
	d. Wheel chairs	-	
	e. Battery Operated vehicles	-	
	f. Lawns	Yes	
	g. Visitor shed	-	
	h. Kiosks	-	
	i. rain shelters	-	
	j. cloak rooms for the visitors	-	
	k. zoo visitor guides	-	
	l. Public Announcement systems, fire alarm during emergency.	-	
12.2	Does the zoo have first aid facilities including snake anti-venom and life saving drugs, readily available in the zoo premises?	First Aid facilities present. Anti-venom available in nearby district healthcare facility.	Seen
12.3	Is the zoo making arrangements for providing access to the physically challenged persons for viewing wild animals at various animal enclosures?	Yes	Seen

**PART-IV  
RECOMMENDATION**

(On the basis of observations of the status as per Recognition of Zoo Rules, 2009)

Norm No.	Particulars of suggestions/recommendation	Time Period to Comply
1	10.1 (6) Resthouse and Zoo should be separated by a boundary wall of 2 mtr. Height with independent entry and exit facility.	Next Evaluation
2	10.3 (1) and 3.1(a) Concerned authority should be requested for grant of approval of the Master Plan	6 months
3	10.4 (2) New Rescue-cum-Quarantine Centre should be completed.	1 year
4	10.4 (3) Kraal needs to be modified and relocated to isolated portion as indicated during evaluation.  Service Road should be completed.	1 year
5	10.6 (1) and 3.5(c) and 6.1 (b) & (k) New Treatment Room with all facilities should be completed.	1 year
6	10.9 (2) Animal Exchange should be completed.	6 months.
7	1.7 (b) Best Water Harvesting and Retention Structures using efficient groundwater recharge methodology should be put in place.	Next Evaluation
8	4.5 Porcupine enclosure to be completed.	6 months.
9	4.9 (a) Stand-off barriers for all enclosures to be completed.	1 year.
10	5.1 (a) & 9.1 and 9.4 All unpaired animals should be paired.	Next evaluation
11	5.2.3. New Kitchen-cum-store should be completed.	1 year.
12	6.1(e) Following equipments should be procured- 1. Refridgerator for storage of food, drugs, and vaccines. 2. Freezer for storage of pathological samples. 3. Stethoscope 4. Scales for weighing animals 5. Transponders 6. Thermometer 7. One double-barrel tranquiliser gun with necessary accessories and proper storage. 8. Oxygen support 9. Basic Surgery Instruments 10. Surgical Light 11. Autoclave	1 year.

		Zoo to make research plan according to local need.	Next evaluation.
		Zoo personnel including veterinary staff should be sent to well managed zoos for training in wildlife.	6 months
5.1		Schedule to be fixed for daily cleaning fortnightly disinfection of food serving bowls and water containers inside enclosures and night shelters for all the enclosures. Officers should regularly check and verify scheduled tasks.	Immediately.
17	5.2	Meat House to be constructed as per CZA norms along with proper drainage. Regular disinfection and hygienic handling to be ensured.	Before arrival of the carnivores.
18	6.1 (i)	Veterinarian and parastaff need basic training on wildlife healthcare.	Within 6 months
19	4	Regular greasing of locking arrangements of Carnivore enclosures are to be done.	On arrival of the carnivores
20	4.2	Currently constructed Leopard Enclosure is not as per CZA norms. It should be modified in compliance with CZA norms. The night shelter should have fly-proofing and sufficient light to provide veterinary aid in odd hours	Immediately
21	11.1	Interpretation Center to be made operational. Interpretation material/Publicity material to be developed.	6 months
22	1	Approach Road to be metalled in coordination with civic authorities.	2 years



Shri Rupak De, IFS(Retired), Ex-PCCF, Uttar Pradesh



Dr. A.B. Shrivastav, former Director, SWFH, Jabalpur

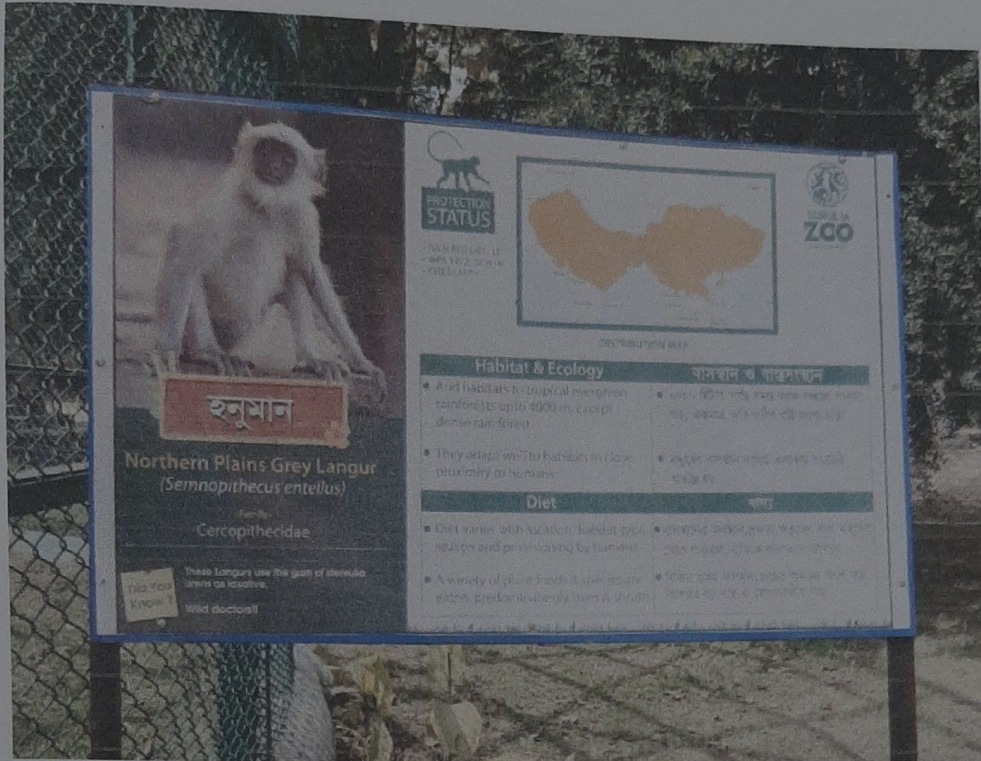


Entrance Gate

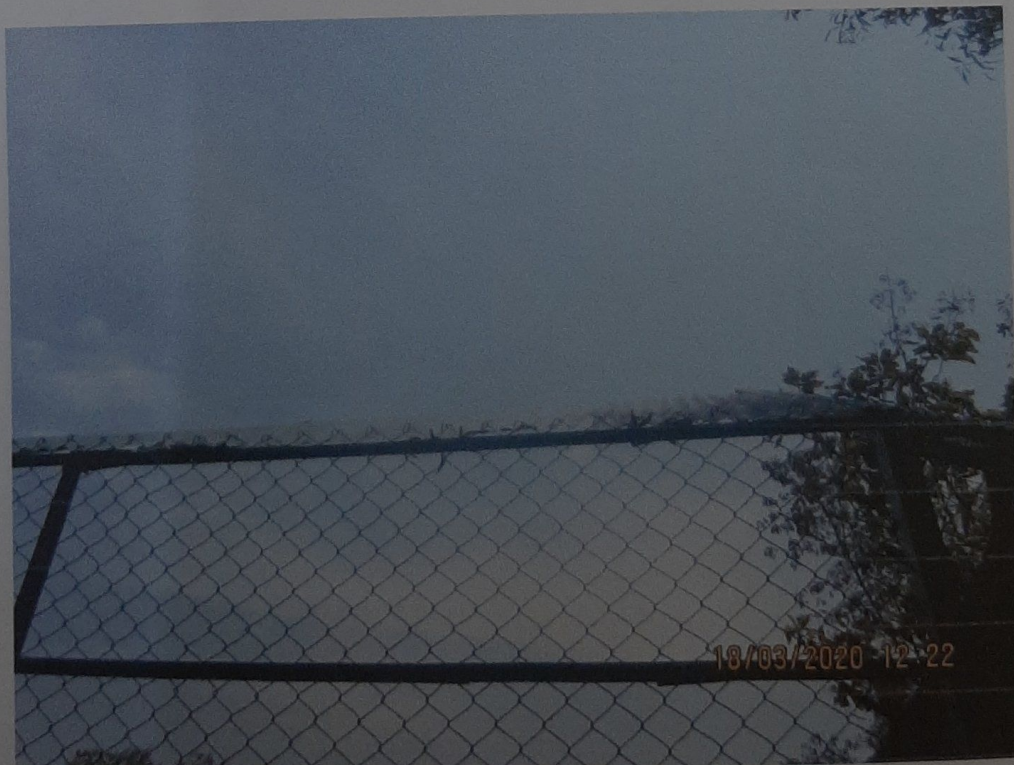


Nature Interpretation Center under construction





Signage



Two images of leopard enclosure under construction where design must be relooked to be in consonance with CZA regulations



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

F. No. 22-71/2004-CZA(457)(NS) / 902/2016

**Email**  
**DATE: 15.06.2016**

To

The Divisional Forest Officer  
Kangsabati North Division  
Ranghabpur More,  
PO & District Purulia (West Bengal)  
Email: [dfoknd@gmail.com](mailto:dfoknd@gmail.com)

*Notes*  
*File*

**Sub:-Renewal of recognition to Surulia Mini Zoo, Purulia, West Bengal under Section 38H of the Wild Life (Protection) Act, 1972 beyond the period of 31.12.2015-Reg.**

Sir,

Reference is invited to your letter No. nil, dated 23.12.2015 received in this office on 05.01.2016 seeking grant of renewal of recognition to Surulia Mini Zoo, Purulia, West Bengal for period beyond 31.12.2015.

The evaluation of the Surulia Mini Zoo, Purulia, West Bengal was carried out by Sh. Bipul Chakrabarty on 11.03.2016. The evaluation report of the Surulia Mini Zoo, Purulia, West Bengal as submitted by the evaluating officer was considered by the Technical Committee in its 78<sup>th</sup> Meeting held on 6<sup>th</sup> May, 2016.

The Central Zoo Authority has decided to grant renewal of recognition to Surulia Mini Zoo, Purulia, West Bengal as a "Mini category Zoo" under Section 38H of the Wild Life (Protection) Act, for a period up to 05.05.2018 subject to the compliance of the following directives under the Recognition of Zoo Rules, 2009 and mid-term evaluation of the zoo:-

S. No.	Norm No.	Condition Stipulated	Time Period to Comply
<b>1. General Requirements</b>			
1	1.1	The Zoo has been breeding among the existing population of spotted deer since 1998. There has not been any effort to infuse new bloodline. This should be done as soon as possible including bringing down the population of animals according to the holding capacity of their enclosure.	One year

2	1.5	The zoo perimeter wall of the CZA prescribed height should be constructed for securing the campus.	Two year
3	1.6	A boundary wall of the CZA prescribed height should be constructed to separate the staff quarters from the zoo with separate entry/ exit gate for the quarters not passing through the zoo.	With immediate effect
4	1.7	a) Soil should be turned inside the animal enclosures on regular basis and enclosures disinfected to reduce soil borne parasites and diseases. b) All uneaten grains etc. should be removed from the animal enclosures on daily basis and disposed of in hygienic manner in specially dug covered pits outside the zoo campus.	With immediate effect
5	1.9	a. The zoo is displaying rabbits and white mice. They should be removed from the zoo campus. b. The zoo has become a breeding ground for stray dogs due to the staff quarters. c. The zoo till date is serving the purpose of a Rescue Centre for both domestic and wild animals. The zoo should not keep any domestic animals.	With immediate effect
<b>2. Administrative and staffing pattern</b>			
6	2.1	A full time regular Range Forest officer of appropriate rank as "whole time in-charge" of the Zoo with powers to take decision and ensure that adequate financial resources and infrastructural support is made available to such officer for proper housing, upkeep and health care of the zoo animals and managing the zoo in a planned manner.	With immediate effect
<b>3. Development &amp; Planning</b>			
7	3.1	All Annual plan of operation (APO) of the zoo should be as per the master plan approved by the Central Zoo Authority. All construction should be carried out in the zoo as per the CZA approved layout plan of the zoo.	With immediate effect
8	3.4	The zoo has rescued python and does not have an enclosure for its display.	One year

		Appropriately designed reptile house / python enclosure should be constructed at the area as earmarked in the proposed zoo master plan.	
9	3.6	The future collection plan of animals to be displayed in the zoo should be prepared and got approved from CZA. Carrying capacity of animal enclosures should be fixed.	With immediate effect
10	3.7	The zoo should have adequate quarantine and isolation area for keeping the rescued animals.	With immediate effect
<b>4. Animal housing, display of animals and animal enclosures</b>			
11	4.5	Grey langur, Rhesus macaque, Porcupine, Horned owl and Peafowl are kept in sub-standard enclosures. The zoo should construct enclosures as per the CZA approved prototypes and master plan.	Two years
12	4.6	There exists opportunity to create near naturalistic habitat for both Chital. Eucalyptus monotony may be broken by thinning and creating grassland and planting more fruit bearing & fodder tree species like Ber (Ziziphus mauritiana), Gular ( Ficus racemosa), Bargad ( Ficus bengalensis), Jamun ( Syzygium cumini, Peltophorum etc.	Two years
13	4.9	Standoff barriers should be provided all along the new proposed enclosures & visitor pathway to prevent teasing and feeding of animals. Appropriate signage warning the visitors of consequences of violation may also be provided at various places.	One year
14	4.10	Chital enclosure does not have signage having relevant information on the biology of the animals and population status of the species. This should be done and continued for all other zoo animals proposed to be displayed in the zoo.	Six months
<b>5. Upkeep and health care of animals</b>			
15	5.2	a) Suitably designed platforms should be provided in the feeding store for stocking dry ration. Stainless Steel drums could be used for storage of choker, gram etc. Exhaust fans should be installed to reduce moisture inside	One year

		the feed store. b) Food store should not be used as residential accommodation.	With immediate effect
16	5.4	Kraals of dimensions prescribed by the CZA shall be created in both Chital enclosures	One year
17	5.5	Leftover food shall be removed from the enclosures on daily basis. Dung should also be removed from the enclosures periodically and in consultation with veterinary doctor.	With immediate effect
18	5.8	Herd animals should be screened periodically through random sampling for parasitic loads and prophylactic measures taken under guidance of the visiting veterinary doctor. A written schedule should be prepared and implemented.	With immediate effect
19	5.9	a) The sloth bear keeper passage is being used as washroom by the care takers. This should be stopped. b) All zoo staff involved in upkeep & healthcare of animals should be subjected to annual health checkup {stool & urine examination, sputum examination, blood examination and X-ray (PA view)} to avoid spread of Zoonotic diseases.	With immediate effect
20	5.10	Daily reporting by the animal keepers should be introduced through Keepers Diaries and Daily Reports as per the CZA prescribed format.	With immediate effect
<b>6. Veterinary &amp; Infrastructure facilities</b>			
21	6.1	The existing treatment room is not fit to qualify for treating sick and injured animals. A treatment room should be of such dimensions that it can cater to attending small mammals like pangolin to large animals like sambar by the doctor. A kraal for recuperating of animals, a dispensary for storing lifesaving drugs and other veterinary equipment's should also be provided with the treatment room.	One year
22	6.6	The zoo should enter into a written agreement with the District Veterinary Hospital, Purulia for 1. Round the year veterinary support	With immediate effect

		2. Training of zoo personnel 3. Animal population management	
<b>7. Postmortem and disposal of carcasses of animals</b>			
23	7.1 & 2	Every animal that dies in the zoo should be subjected to detailed postmortem by a registered veterinarian. The findings should be recorded in the CZA prescribed format and maintained at the zoo premises and open for inspection.	With immediate effect
24	7.4	A wood fired incinerator may be installed for safe disposal of animal carcasses and other bio wastes including shed antlers etc.	With immediate effect
<b>9. Acquisition and breeding of animals</b>			
25	9.1&2	Though not visible, inbreeding has taken place in the population over the years. Mortality of young born are also happening very frequently. Efforts should be made for selective swap of female animals amongst deer population of other nearby zoos like Bokaro and Ranchi.	One year
26	9.7	The zoo should initiate programs for restocking of Protected Areas of the state with their surplus deer population by entering into an agreement with them and provide founder animals for breeding in soft release areas created specifically in the buffer zones of PA's. This will help in augmenting the ever decreasing prey base for carnivores in PA's of South West Bengal.	Two year
27	9.9	The zoo has total population of 40+ Chital and there is a visible space constraint. The population control measures should be implemented immediately.	With immediate effect
<b>10. Research activities</b>			
28	10	The zoo authorities should enter into an agreement with local colleges for allowing graduate/postgraduate students to carry out their dissertation on various aspects of animal biology. The findings can help the zoo in better and scientific management of captive animals.	With immediate effect
<b>11. Education and outreach activities</b>			

29	11.1	<p>a) The nature interpretation center(NIC) created within the zoo premises is a very well thought concept. However, due to small space, it is not capable to cater to the load of large group of visitors at a time. A plan of action should be in place for managing visitors to the Centre to avoid stampede and vandalism. The NIC should also be made disable friendly.</p> <p>b) The zoo could place interactive signage for children at strategic locations like at NIC, and near the visitor areas for engaging experience and learning.</p> <p>c) Signage on role of ecosystem service providers and their contribution to the humankind in form of food, medicine should be provided.</p>	<p>With immediate effect</p> <p>One year</p>
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A half yearly report regarding progress made in implementation of the aforesaid condition should be submitted to the Central Zoo Authority.

Grant of recognition to Surulia Mini Zoo, Purulia, West Bengal beyond the period of 5<sup>th</sup> May, 2018 would be considered on the basis of compliance of the condition stated above and general performance of the Zoo at that point of time.

The recognition to the Surulia Mini Zoo, Purulia, West Bengal shall be revoked by the Central Zoo Authority, at any point of time if the Zoo Operator is found not complying with the above stipulated conditions.

**Yours faithfully,**



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

**Copy to:-**

1. The Chief Wildlife Warden, Government of West Bengal, Kolkata for information.
2. The Member Secretary, Zoo Authority of West Bengal for information and with a request that the stipulated conditions may be got implemented.
3. DPA, CZA.



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





GOVERNMENT OF INDIA  
MINISTRY OF ENVIRONMENT & FORESTS

**Central Zoo Authority**

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वहाँ है खुशहाली।।

**THROUGH REGISTERED POST**

F. No. 22-71/2004-CZA(457)(M)/1959

DATE: 31.12.2012  
1 JAN 2013

To

The Divisional Forest Officer  
Kangsabati North Division,  
Raghabpur More,  
PO & District Purulia (West Bengal).

**Sub:- Renewal of recognition to Surulia Mini Zoo, Purulia beyond the period of 31<sup>st</sup> January, 2013 under Section 38H of the Wild Life (Protection) Act, 1972.**

Sir,

The evaluation of the Surulia Mini Zoo, Purulia was carried out by Dr. Mohan Lal Smith, Forest Veterinary Officer, Assam State Zoo, Guwahati on 05.11.2012. The evaluation report of the Purulia Mini Zoo, Surulia as submitted by the evaluating officer was considered by the Technical Committee in its 63<sup>rd</sup> Meeting held on 5<sup>th</sup> December 2012.

The Central Zoo Authority has decided to grant of recognition to Purulia Mini Zoo, Surulia as "Mini Category Zoo" under Section 38H of the Wild Life (Protection) Act, for a period up to 31<sup>st</sup> December 2015 subject to the compliance of the following directives under the Recognition of Zoo Rules, 2009 and mid-term evaluation of the zoo:-

S. No.	Norm No.	Condition Stipulated	Time Period to Comply
<b>1. General Conditions</b>			
1.	1.3 (b)	The Zoo should be closed atleast once in a week.	Immediately
2.	1.7 (a)	The Zoo should have permanent arrangement for managing solid wastes by making one sanitary tank with soak pit.	Within six months
<b>2. Administrative and Staffing Pattern</b>			
3.	2.3 (a)	The Zoo should involve one local knowledgeable person on biology for visitors' education with management of the Zoo.	Within three months

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E-mail : cza@nic.in Website : http://www.cza.nic.in

### 3. Development and Planning

4.	3.1 (a)	The zoo should get the Master Plan approved by Central Zoo Authority.	Immediately
5.	3.4 (a)	The Zoo should have facility for isolation room to keep and observe rescued animals during quarantine and treat them with care.	Within six years.

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

6.	4.3 (b) & 4.5	Enclosure for common langur be made safe and secure for animals, animal keeper and visitors and as per requisite space for free movement, exercise and expression of their natural behaviors approved by the Central Zoo Authority.	With one year
7.	4.8	The existing water body inside the fenced Deer Park may be improved for free ranging birds or may be incorporated as part of animal enclosure with prior approval from Central Zoo Authority.	With immediate effect
8.	4.10	Appropriate signage be provided with relevant information on biology, behavior and population status of the species in the wild at every display enclosure.	Immediately

### 6. Veterinary and infrastructure facilities

9.	6.1 (a)	The existing treatment room be improved with suitable steel treatment table and with necessary day to day required drugs. Both treatment and post-mortem room be white washed with lime and cleaned with disinfectant regularly. Fix a appropriate sign board outside the treatment and post-mortem rooms at the Zoo.	Immediately
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### 11. Education and outreach activities

10.	11.1 (a)	Water pipe line be laid immediately and connect with drinking water point already constructed.	Immediately
11.	11.1 (b)	Though temporary arrangement is done at staff's toilet, permanent arrangement be done as soon as possible as a part visitors' facility at the Zoo.	Within three months

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 Surulia Mini Zoo, Purulia beyond 31.12.2015 as "a Mini Category Zoo" would be considered on the basis of compliance of the conditions stated above and general performance of the zoo.

The recognition to the Surulia Mini Zoo, Purulia 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,**



**(B. S. Bonal)**  
**Member Secretary**

Copy to:-

1. The Chief Wildlife Warden, Government of West Bengal, Kolkata for favour of information and with a request that the stipulated conditions may be got implemented.
2. The Member Secretary, Zoo Authority of West Bengal, Office of the Zoological Garden, Alipore, Kolkata.
3. Mr. Vivek Goel, DPA, CZA



**(B. S. Bonal)**  
**Member Secretary**





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वहाँ है खुशहाली।।



GOVERNMENT OF INDIA  
MINISTRY OF ENVIRONMENT & FORESTS

## Central Zoo Authority

SPEED POST



**BY REGISTERED POST**

**F. No. 22-71/2004-CZA(457)(M)**

**DATE: 20.01.2011**

To

The Divisional Forest Officer  
Kangsabati North Division,  
Raghabpur More,  
P. O. & Distt. Purulia (West Bengal)

**Sub:- Grant of renewal of recognition to Surulia Mini Zoo, Purulia beyond the period of 31.08.2009 under Section 38H of the Wild Life (Protection) Act, 1972 - Regarding.**

**Ref:- Your office letter No. 3016-/26-3 dated 14.08.2009.**

Sir,

Reference is invited to the above cited correspondence.

The evaluation of the Zoo was carried out on 13.0-9.2010 to 14.09.2010 and the evaluation report of the Surulia Mini Zoo, Purulia as submitted by Dr. Mohal Lal Smith was considered by the Technical Committee in its 56<sup>th</sup> Meeting held on 22<sup>nd</sup> December, 2010.

The Central Zoo Authority has decided to grant of recognition to Surulia Mini Zoo, Purulia as "a mini category zoo" under Section 38H of the Wild Life (Protection) Act, for a period up to 31<sup>st</sup> January, 2013 subject to mid-term evaluation on receipt of compliance of the following directives under the Recognition of Zoo Rules, 2009:-

Sl. No.	Relevant Norm No.	Stipulated Condition	Time period for compliance
1.	1 (8)	The zoo shall refrain from display of sick, injured, infirmed animals to the visitors as such animal should be housed in off-display facilities earmarked for and providing appropriate healthcare of such animals.	Immediately

### 3. Development and Planning

2.	3 (1)	The zoo should prepare the Master Plan keeping in view of the observations communicated vide this office letter of even number dated 02.11.2010 and five copies of the same should be submitted to the Central Zoo Authority for its approval.	Immediately
3.	3 (7)	The zoo should not accept any rescued animal/ bird unless it has appropriately designed enclosure and upkeep facilities for the animal as well as the facilities for keeping it in isolation during quarantine period.	With immediate effect

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

4.	4 (4)	The zoo should not acquire and display animals in the enclosures unless they are not made in accordance with the standards specified by the Central Zoo Authority in this regard.	With immediate effect
5.	4 (8)	The existing water body inside fenced Deer Park may be improved for free ranging birds or may be incorporated as a part of animal enclosure. However, the design of the animal enclosure should have got prior approval from the Central Zoo Authority.	With immediate effect
6.	4 (10)	Signboards at enclosures need to be thoroughly revised displaying scientific and ecological information regarding animals exhibited therein.	Three months

### 5. Upkeep and healthcare of animals

7.	5 (10)	Keeper diary as per the format of CZA should be maintained	Immediately
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### 6. Veterinary facilities

8.	6 (1)	The zoo should strengthened treatment and post mortem room.	Immediately
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### 12. Visitors facilities

9.	12 (1)	The zoo should provide toilets and drinking water points for the use of visitors at an appropriate place.	Three months
10.	8 (3)	Special provision like ramps, properly laid pathways etc. should be provided at animal enclosures for facilitating use by persons on wheel chairs.	Six months

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 Surulia Mini Zoo, Purulia beyond 31<sup>st</sup> January, 2013 as a mini category zoo would be considered on the basis of midterm evaluation <sup>on</sup> receipt of compliance of the conditions stated above and general performance of the zoo.

The recognition to the Surulia Mini Zoo, Purulia 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 for favor of information & necessary action to:-

1. The Chief Wildlife Warden, Government of West Bengal, Kolkata for favour of information.
2. DPA, CZA.



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

