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Directorate of Forests  
Office of the Divisional Forest Officer  
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No.843/26C-13/SWAP/Zoo

Dated : 05.06.2024

To,  
The Dy. Inspector General of Forests  
Central Zoo Authority  
Ministry of Environment, Forest & Climate Change  
B-1 Wing, 6<sup>th</sup> Floor, Pt. Deendayal Antyodaya Bhawan  
C.G.O Complex, Lodhi Road, New Delhi 110003

**Sub: Submission of Annual Report (duly filled in template) of the Sundarban Wild Animal Park, Jharkhali (Mini Zoo), for the year 2023-24**

Sir/Ma'am,

With reference to the above, this is to submit herewith Annual Report (duly filled in PDF format) in respect of Sundarban Wild Animal Park, Jharkhali (Mini Zoo) for the year 2023-24 for favor of your kind information.

**Encl: Copies along with copy of Annual Report (duly filled) of the zoo for the year 2023-24**

Yours faithfully;

Shri. Milan Kanti Mandal,  
Ex-Officio Director  
Sundarban Wild Animal Park, Jharkhali  
&  
Divisional Forest Officer,  
24 Parganas (South), Forest Division

No.843/26C-13/SWAP/Zoo

Dated : 05.06.2024

Copy forwarded to:-

1. The Member Secretary, Central Zoo Authority
2. The Member Secretary, West Bengal Zoo Authority
3. The CF & Joint Director, Sundarban Biosphere Reserve, West Bengal

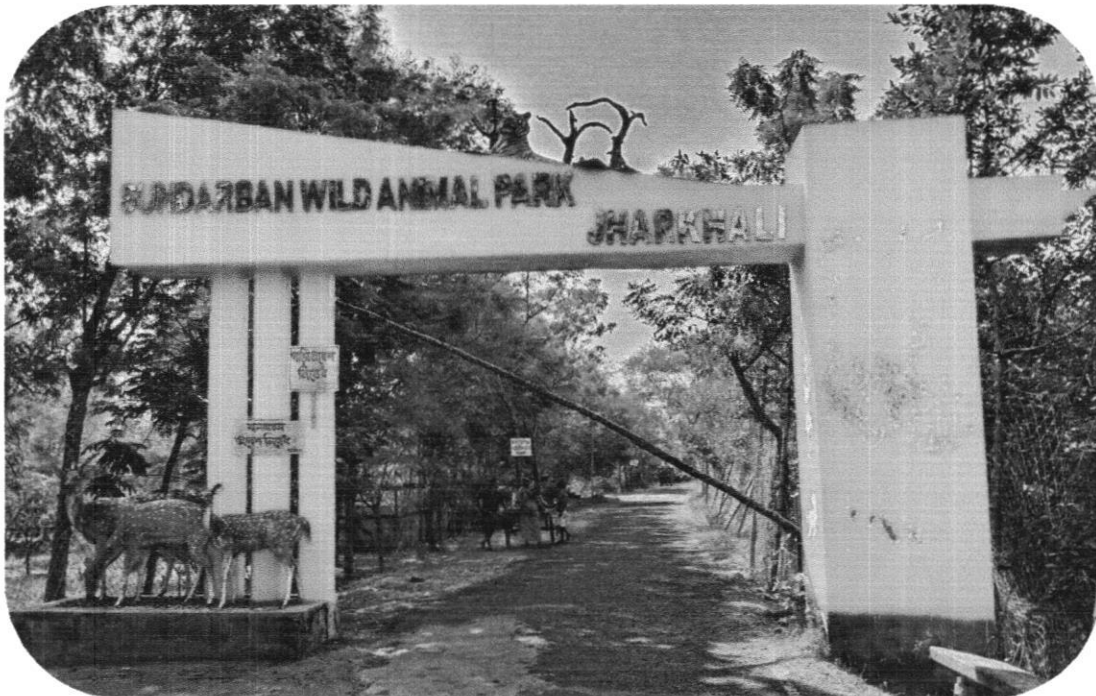
Shri. Milan Kanti Mandal,  
Ex-Officio Director  
Sundarban Wild Animal Park, Jharkhali  
&  
Divisional Forest Officer,  
24 Parganas (South), Forest Division

o/c



# **Sundarban Wild Animal Park, Jharkhali (Mini Zoo)**

**Annual Report for the year  
2023-24**



**Submitted by  
Ex-Officio Director,  
Sundarban Wild Animal Park, Jharkhali  
&  
Divisional Forest Officer  
24 Parganas (South) Forest Division**

## Contents

Sl. No.	Section	Page No.
1.	Report of the Officer-in Charge	2
2.	History of the Zoo	2
3.	Vision	2
4.	Mission	3
5.	Objectives	3
6.	About Us	3-4
7.	Organizational Chart	5
8.	Human Resources	5-6
9.	Capacity Building of Zoo Personnel	6
10.	Zoo Advisory Committee	6-7
11.	Health Advisory Committee	7
12.	Statement of Income & Expenditure of the Zoo	8
13.	Daily Feed Schedule of Animals	8
14.	Vaccination Schedule of Animals	8
15.	Deworming Schedule of Animals	8
16.	Disinfection Schedule	8
17.	Health Checkup of Employees for Zoonotic Disease	8-9
18.	Developmental Work Carried Out in the Zoo	10
19.	Educational & Awareness Programmes	10-11
20.	Important Events	11
21.	Seasonal Special Arrangement for Upkeep of Animals	11
22.	Research Work Carried Out & Publications	11
23.	Conservation Breeding Programme	11
24.	Animal Acquisition/ Transfers/Exchange in this Year	11
25.	Rescue and Rehabilitation of Wild Animals in this Year	11-12
26.	Annual Inventory of Animals	12
27.	Mortality of Animals	12
28.	Status of the Compliance with conditions stipulated by the Central Zoo Authority	13-15
29.	List of free-living wild animals within the zoo premises	15

**1. Report of the Officer-in-charge :** The Sundarban is the largest single block of tidal halophytic mangrove forest in the world. It is the deltaic area of lower Bengal and harbours a tropical estuarine swamp forest. Sundarban is a swampy land of distinct eco-system, which is very fragile. The tract is in a state of perpetual flux as a result of tidal rhythms superimposed with the cycle of seasons. The region is further subjected to vagaries of cyclonic storms often prevailing over the deltaic West Bengal. The forest is compact but criss-crossed by creeks and channels of varying widths and depths. The Sundarbans became a UNESCO World Heritage Site in 1999, most of which is situated in Bangladesh and the remaining in India. The Indian part of Sundarban region is located between 21°30' to 22°30'N latitude and 87°25' to 89°10'E longitude. The inter-tidal zone of Sundarban is bounded in the north by an imaginary line known as Dampier — Hodges line. Bay of Bengal is in the south, Ichamati, Kalindi and Raimangal rivers are to the east and river Hooghly in the west.

Historically, Sundarbans originated about 6000 years ago, measuring around 16,700 sq. km. It was declared as a Reserve Forest in 1875. The Bengali word “ban” means forest and the name “Sundarbans” was coined either from the forests of “sundari” tree i.e. ‘Sundari-ban’, or from the forests of the “samudra” (sea) i.e., ‘samudra-ban’, or from its association with the primitive tribe ‘chandra-bandhe’ of Sundarban. The generally accepted explanation, however, is its derivation from the ‘sundari’ tree.

Sundarban mangrove eco-system in the state of West Bengal, India is the estuarine phase of the Ganga as well as of the Brahmaputra River systems. The littoral forest is the only ecological habitat of the Tiger of its kind not only in India but also in the world, except in Bangladesh. The typical littoral forest of the Sundarbans comprises a host of tree species adapted to the peculiar estuarine condition of high salinity, lack of soil erosion and daily inundation by high tides.

There is a rich assembly of faunal elements with the Indian Tiger being the flagship species. 2585 sq. km. forests in the eastern front form the Sundarban Tiger Reserve and 1679sq. km. on the western side comprises of the South 24 Parganas Forest Division. The protection of the Sundarban mangrove ecosystem will have important significance for the future survival of the Bengal Tiger and other major species in the wild.

**2. History of the Zoo:** The Sundarban Wild Animal Park is the only mangrove zoo present in the World. The earliest proposal for creation of SWAP at Jharkhali as satellite facility of Zoological Garden, Alipore, submitted in the year 2009-10 for setting up a Tiger Rescue Centre. That time it was known as “Jharkhali Tiger Rescue Centre”. From April, 2012 this Tiger Rescue Centre was brought under the management control of West Bengal Zoo Authority as “Jharkhali Satellite Zoo” and The Divisional Forest Officer, 24 Parganas (South) Division took the charge of this zoo as Ex-Officio Director. On 08/12/2014 it was inaugurated by Hon’ble Chief Minister of West Bengal, Shrimati Mamata Banerjee as “Sundarban Wild Animal Park” and after that it is well known to us as “Sundarban wild Animal Park (SWAP), Jharkhali”. The main governing body of SWAP is the West Bengal Zoo Authority. At present it covers 40.46 ha (99.98 Acres) of the land at Lot. No. 26, Jharkhali, intends to complement the national effort in conservation of wildlife through breeding of endangered species of Sundarban & to develop empathy among visitors for wild animals. It follows all the norms and conditions applied by CZA.

**3. Vision:** The Sundarban Wild Animals Park, Jharkhali (South 24 Parganas, West Bengal) will provide rewarding experience to the visitors about the wildlife of this region. The display, care and awareness will be

of such level to promote conservation of wildlife. The Sundarban Animals Park will endeavor to breed the endangered species for display, exchange and rehabilitation in the wild. This animal park will be a showcase of rich biodiversity of Sundarban mangrove in the state of West Bengal. As such the flora and fauna exist in their natural pristine glory, unhindered and unaffected.

**4. Mission** The Sundarban Wild Animals' Park, Jharkhali (South 24 Parganas, West Bengal) intends to complement the national efforts in conservation of wildlife through breeding of endangered species of the region, develop empathy among visitors for wild animals and education and research for sustainable conservation of Wild fauna of Sundarbans.

### 5. Objectives

- a. A professionally run Park will serve a great variety of roles to benefit both the animals in display and the visiting public.
- b. Conservation breeding programmes can help propagate endangered species and continue gene pools for species whose habitats have been obliterated.
- c. Educational programmes can help foster the respect that wild animals deserve and familiarize the visitors with the important role these animals play in the ecosystem.
- d. The park may have to serve as the last bastion for threatened and endangered species.
- e. The objective of the park shall be the conservation of the rich biodiversity of the region i.e. Sundarban, as the animal species displayed shall be from the Sundarban mangrove eco-system only.
- f. To reduce the tourist pressure on the National Parks/Protected Areas.
- g. To create amongst the visitors empathy towards wild animals through appreciation and better understanding.
- h. To collect and collate the scientific data on the biology, behavior and health care of various species of wild animals displayed in the park and use the same in future management of the animals park.
- i. Recreation for the purpose of providing wholesome, healthy and educational activity to a large number of people by utilizing the outdoor natural setting without detriment to any of the preceding objectives.

### 6. About Us:

Sl. No.	Particulars	Information
<b>Basic Information about the Zoo</b>		
1	Name of the Zoo	SUNDARBAN WILD ANIMAL PARK
2	Year of Establishment	2011 (Rescue Centre for Tiger established)
3	Address of the Zoo	Herobhanga Camp-III, Jharkhali (45Km from Canning), Block-Basanti, 24-Parganas (South)
4	State	West Bengal
5	Telephone Number	(033) 2479 9032
6	Fax Number	(033) 2479 9032
7	E-mail address	<a href="mailto:dfo24pgss.fd-wb@gov.in">dfo24pgss.fd-wb@gov.in</a> <a href="mailto:sundarbanwildanimalpark@gmail.com">sundarbanwildanimalpark@gmail.com</a>
8	Website	NA
9	Distance from nearest	Airport: 150 Km (Netaji Subhash Chandra Bose International Airport, Dunn Dunn) Railway Station: 45 Km (Canning)

		Bus Stand: Jharkhali (5 Km)
10	Recognition Valid up to (Date)	5 <sup>th</sup> June, 2025
11	Category of zoo	'Mini Category Zoo'
12	Area (in Hectares)	40.46 Ha
13	Number of Visitors Allowed (Financial Year 2023)	Adult: 2,30,161 Minor: 23,510
14	Visitors' Facilities	Sitting Arrangements Visitor Rest Shed Toilet Garden Mangrove Nursery Water Plant RO First-AIDS Wheelchair for Physically Challenged Directional Signages
15.	Weekly Closure Day of Zoo	Thursday
Management Personnel of the Zoo		
16	Name with designation of the Officer in-Charge	Mr. Milan Kanti Mandal, WBFS, Ex-Officio Director, Sundarban Wild Animal Park & Divisional Forest Officer, 24-Parganas (South) Division
	Name of the Veterinary Officer	Dr. Asutosh Kumar Biswas
	Name of the Curator	NA
	Name of the Biologist/ Research Assistant	Mr. Soham Mitra
	Name of the Education Officer	NA
	Name of the Compounder/ Lab Assistant	NA
	Name of the Veterinary Assistant	Mr. Supravat Samui
Owner/Operator of the Zoo		
17	Name of the Operator	West Bengal Zoo Authority
18	Address of the Operator	2 <sup>nd</sup> Floor, KB-19, Sector — III, Salt Lake City, Kolkata — 700 098, West Bengal
19	Contact details/Phone number of Operator	+91 33 23355010 (Direct), 23355011 (EPABX), FAX: +91 33 23350012
20	E-mail address of Operator	mswbza@smai.com, wbzooauthoritv@vahoo.in

\* Rule 2(m) of the Recognition of Zoo Rules, 2009.

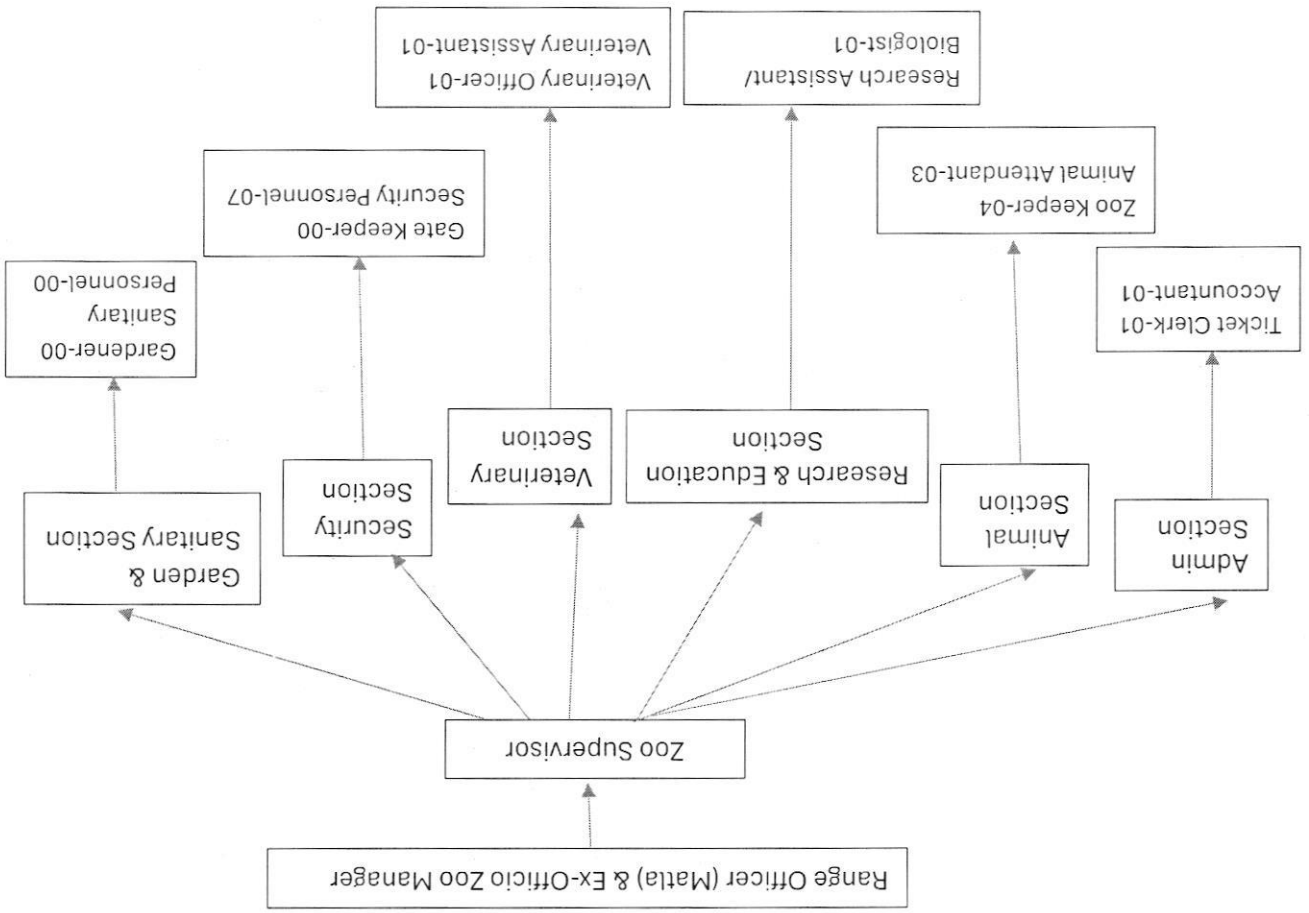
"Zoo Operator" means the person who has ultimate control over the affairs of the zoos provided that \_\_\_\_\_

- I. in the case of a firm or other association of individuals, any one of the individual partners or members thereof; or
- II. in the case of a company, any director, manager, secretary or other officer, who is in-charge of and responsible to the company for the affairs of the zoo, or
- III. In case of zoo owned or controlled by the Central Government or any State Government or Union Territory Administration or any Trust or Society funded by the Central Government or a State Government or a Union Territory Administration, the Secretary of the concerned Department of that Government, or as the case may be the Union Territory Administration, shall be deemed to be the Zoo Operator.

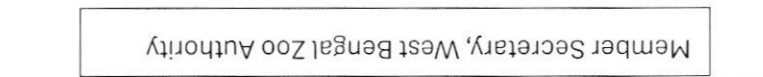
SL. No.	Designation	Number of Sanctioned Post	Name of Incumbent
1.	Zoo Supervisor	01	Shri. Dipankar Sarkar

Manpower of the Zoo

8. Human Resource of the Zoo:



7. Organization of the Zoo:



2.	Veterinary Officer	01	Dr.Asutosh Kumar Biswas
3.	Research Assistant	01	Shri. Soham Mitra
4.	Veterinary Assistant	01	Shri. Supravat Samui
5.	Accountant	01	Shri. Swarup Das
6.	Ticket Clerk	01	Smt. Debjani Das Gupta
7.	Zoo Keeper	04	Shri. Nirmal Halder Shri. Pijush Barui Shri. Alope Paul Shri. Bibekananda Sardar
8.	Animal Attendant	03	Shri. Sukumay Mondal Shri. Ramen Mondal Shri. Suman Bain
9.	Security Personnel	07	Shri. Nihar Mondal Shri. Govinda Sardar Shri. Animesh Mondal Shri. Krishnapada Mondal Shri. Krishna Mahato Shri. Arindam Sharma Shri. Palash Mondal

#### 9. Capacity Building of Zoo Personnel:

Sl. No.	Name & Designation of the Zoo Personnel	Subject matter of Training	Period of Training	Name of the Institution where the training attend
1.	Mr. Soham Mitra, Zoo Biologist/RA	National Biologists Conference	05/08-07/08/23	Sanjay Gandhi Biological Park, Patna
2.	Mr. Suprovat Samui Veterinary Assistant	Hands on Training Programme on Turtles and Tortoise	28/08-29/08/23	Garchumuk Zoological Garden
3.	Mr. Pijush Barui, Zookeeper.			
4.	Mr. Sukumay Mondal, Animal Attendant			
5.	Mr. Suman Barui, Animal Attendant			
6.	Mr. Suprovat Samui, Veterinary Assistant	Approaches & Advancement in Ex-Situ Management of Wild Animals	16/10-18/10/23	Van Vihar National Park & Zoo, Bhopal
7.	Mr. Nirmal Halder, Zoo Keeper	Capacity Building Programme for Zoo Keeper	05/03-07/03/24	Nandankanan Zoological Park, Bhubaneswar

#### 10. Zoo Advisory Committee –

As per the directives of the Central Zoo Authority is governed by a 14 Member Body headed by the Chief

Secretary, West Bengal as Chairman and Additional Chief Secretary/Principal Secretary, Department of Forests, Govt. of West Bengal the Vice Chairman. Member Secretary is the responsible for the management of the Zoo Authority. Detailed list of Governing Body of West Bengal Zoo Authority is appended below:

- The Chief Secretary to the Govt. of West Bengal Chairman
- Addl. Chief Secretary to the Govt. of West Bengal, Dept. of Forests Vice-Chairman
- Addl. Chief Secretary to the Govt. of West Bengal Dept. of Finance Member
- Principal Chief Conservator of Forests & HoFF, West Bengal Member
- Principal Chief Conservator of Forests (Wildlife) and Chief Wildlife Warden, West Bengal Member
- Member Secretary, Central Zoo Authority, New Delhi, Member
- Member Secretary, West Bengal Zoo Authority Convenor
- Director, Animal Husbandry & Vet. Services, West Bengal, Member
- Director, Padmaja Naidu Himalayan Zoological Park, Darjeeling Member
- Director, Zoological Garden, Alipore, Kolkata Member
- A Person from North Bengal to be nominated Member
- NGO from North Bengal to be nominated Member
- NGO from South Bengal to be nominated Member
- A Person from South Bengal to be nominated Member

#### 11. Health Advisory Committee

As per the directives of the Central Zoo Authority, one Health Advisory Committee has been constituted (ref. 1106/1(9)/5M-85/2005(Pt.-2), dated. 07.03.2018).

#### Details of the Health Advisory Committee: -

Sl. No.	Name of the member	Designation
1.	Joint Director, ARD IAH & VB (R&T) Belgachia, Kolkata-37,	Chairman
2.	Dr. Joyjit Mitra, Specialist (Sero-Epidemiology), RDDDL(ER), IAH&VB Belgachia, Kolkata-37	Member
3.	Dr. Debasish Chatterjee, Asst. Director, ARD(Vety), (Disease Investigation, IAH&VB Belgachia, Kolkata-37	Member
4.	Dr. Proloy Mandal, Asst. Director,ARD (Vety), IAH&VB Belgachia, Kolkata-37	Member

**12. Statement of income and expenditure of the Zoo –  
Income during the year 2023-24**

- From Entry Fee Collection: 71,18,750

**Expenditure during the year 2023-24**

- Direct Expenditure: 1,20,69,720
- Indirect Expenditure: 73,57,954

**13. Daily feed Schedule of animals**

Sl.No.	Species	Feed item	Quantity / Per day		Day of fasting
			Winter	Summer	
1.	Male Tiger (Sohan)	Beef with bone	5 Kg	5 Kg	Thursday
		Beef without bone	1 Kg	1 Kg	Thursday
	Male Tiger (Sundar)	Beef with bone	6 Kg	6 Kg	Thursday
		Beef without bone	1 Kg	1 Kg	Thursday
	Female Tiger (Sohini)	Beef with bone	5 Kg	5 Kg	Thursday
		Beef without bone	00	00	Thursday
2.	Crocodiles	Fish	10 Kg	10 Kg	Thursday

**14. Vaccination Schedule of animals**

Sl.No.	Species	Disease vaccinated for	Name of the Vaccine and dosage/ quantity used	Periodicity	Remarks
1.	Tiger (02 Males, 01 Female)	Feline Panleukopenia, Caliciviral, Herpesviral Infection & Rabies of Cats	Biofel PCHR, (1ml.)	Yearly	Booster dose given on 29/02/24, Next Vaccination on March, 2025
2.	Tiger	Canine Distemper	Distemper Vaccine	Yearly	Booster dose given on 15/03/24,

(02 Males, 01 Female)				Next Vaccination on March, 2025
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### 15. De-Worming Schedule of Animals

Name of the Medicine Applied: Drontal Plus

Sl. No.	Tiger Name	Last Date of De-worming
1.	Sohan (Old Male Tiger)	03/12/23
2.	Sohini (Old Female Tiger)	02/12/23
3.	Sundar (New Male Tiger)	02/12/23

Name of the Medicine Applied: Hitek Injection

Sl. No.	Tiger Name	Last Date of De-worming
1.	Sohan (Old Male Tiger)	04/11/23
2.	Sohini (Old Female Tiger)	04/11/23
3.	Sundar (New Male Tiger)	30/09/23

### 16. Disinfection Schedule

Sl.No.	Species	Type of Enclosure	Disinfectant Used and Methods	Frequency of Disinfection
1.	Tiger	Cemented Floor	Nymile/Pheynile	Everyday
		Foot Bath	Potassium Parmanganate	Everyday
		Disinfection with disinfectant	Formalin/Kohrsin	Every 7 days interval

### 17. Health Check-up of Employees for Zoonotic Disease

Sl. No.	Name	Designation	Date of Health Check up	Findings of Health Check-up
1.	Dipankar Sarkar	Zoo Supervisor	02/06/23	No Zoonotic Diseases detected
2.	Soham Mitra	Research Assistant/ Biologist		
3.	Supravat Samui	Veterinary Assistant		
4.	Aloke Paul	Zookeeper		
5.	Pijush Barui	Zookeeper		
6.	Nirmal Halder	Zookeeper		
7.	Bibekananda Sardar	Zookeeper		
8.	Ramen Mondal	Animal Attendant		
9.	Sukumay Mondal	Animal Attendant		
10.	Suman Bain	Animal Attendant		

11.	Animesh Mondal	Security Personnel		
12.	Palash Mondal	Security Personnel		
13.	Nihar Mondal	Security Personnel		
14.	Govinda Sardar	Security Personnel		
15.	Krishna Mahato	Security Personnel		
16.	Krishnapada Mondal	Security Personnel		
17.	Debjani Dasgupta	Ticket Clerk		

**18. Developmental Work carried out in the zoo during the year 2023-24**

- Sitting Arrangement at the Zoo
- Flower Garden
- Plantation of mangroves at nursery
- Open NIC
- Sluice gate
- Bird aviaries-02
- Signages
- Maintenance of restaurant
- New public toilet
- River side protection path
- Playing instruments for children park
- Drinking water RO Plant
- Boundary wall at end side of zoo
- Pilling work near sluice gate
- River embankment
- CCTV Camera installation
- Internet and Wi-fi Connection
- New ticket system installation

**19. Education and Awareness Programmes during this year:**

- On 3rd March, 2023 Sundarban Wild Animal Park celebrated the “ World Wildlife Day, 2023.”
  - On the auspicious occasion of World Crocodile Day, 17 th June, 2023 Sundarban Wild Animal Park had organized a training cum workshop program on "Identification, husbandry, safe handling of Saltwater Crocodile at Bhagabatpur for zoo and forest Staffs and released five nos. of crocodiles to the wild.
  - Sundarban Wild Animal Park is wholeheartedly celebrated “Banmahotshov” with staffs of Zoo and zoo visitors on 18 th July, 2023.
  - World Mangrove Day, 26th July, 2023.
  - On 29 th July Sundarban Wild Animal Park has successfully organized The Global Tiger Day, 2023 at Jharkhali. Major events are sequentially described below
- 1) Inauguration of Tablue of International Tiger Day by respected DFO Sir
  - 2) Playing of Tiger Anthem as the opening theme of ceremony.
  - 3)DFO 24 Parganas (South) Division & Ex-Officio Director sir took oath with all to conserve Royal Bengal Tiger & it's habitat & gave his short but engrossing speech on Swamp Tiger.
  - 4) Felicitation of Quick Response Team & other imminent guests.
  - 5) Drama & innovative puppet show on Sundarban forest & it's daily livelihood.
- Visit of 69th Forest Guard Trainees on 11th August 2023.

- Sundarban Wild Animal Park organized a cleanliness programme at the zoo premises and surrounding area to mark the massive cleanliness drive – “Swachhata Hi Seva” on 1 st Oct. 2023 and declared as “Single Use Plastic Free Zone.”
- Word wildlife week has been successfully organized by Sundarban Wild Animal Park under 24 Parganas South Forest Division on 4 th October, 2023. Different events have been organized which are mentioned below-
  - 1) A mass awareness campaign on conservation of wildlife and its habitat to aware local communities, students of different age groups, forest staffs etc.
  - 2) A sit & draw competition on wildlife where around 80 students of Herobhanga Vidyasagar Vidyamandir have taken part.
  - 3) Plantation of different species of plants by Respected DFO sir & ADFO sir, Zoo & Forest staffs, School students and teachers.
  - 4) Zoo visit & a colourful rally where Respected DFO sir & Ex-officio Director SWAP, Sri Milan Kanti Mondal shared his experience on the needs of wildlife conservation & took pledge to conserve wildlife with different age group of students.
  - 5) Garbage and plastic cleaning mission to celebrate **Swachhata Hi Seva** with school students.
  - 6) A training programme on Human-Wildlife Conflict has been also organized for front-line forest staffs of 24 Parganas (South) Forest Division by Wildlife Trust of India.

**20. Important Events & Happenings:**

- Celebration of “World Wildlife Day, 2023.”
- Celebration of “World Crocodile Day, 2023.
- Celebration of “World Mangrove Day, 2023
- Celebration of “Global Tiger Day, 2023”
- Celebration of Zoo Inauguration Day, 2023
- Cleanliness Drive Programme- “Swachhata Hi Seva”
- Inauguration of 02 no. of bird aviaries, Open NIC, Restaurant named “Parijayi” on 12<sup>th</sup> March.

**21. Seasonal Special Arrangement for upkeep of Animals:**

- Usage of pedestal fan during summer season.
- ORS given daily for 2 times in a day in summer season.

22. **Research Work carried out and Publication:** Basic level research work done.

23. **Conservation Breeding Programme:** Nil

24. **Animal Acquisition/Transfer/Exchange/Release during this year:** Nil

**25. Rescue & Rehabilitation of Wild Animals carried out by the Zoo (Financial Year 2023-24)**

S · N O ·	Date of rescue	Species with nos. of animals rescued	Received from	Date of submission of report to the CWLW/GZA	Action taken	
					Date and place of rehabilitation	Reason for housing in the zoo, if not released
1.	29/01/23	Jungle Cat – 05	R.O. Matla	-	11/02/23, released at	

					Kanmari jungle	
2.	06/02/23	Barn Owl	R.O. Matla	-	10/02/23, released at Kanmari jungle	
3.	17/02/23	Jungle cat -01	Shibganj		17/02/23, Released at nature	
4.	14/03/23	Barn Owl-01	Kumirmari		19/03/23, released at Kanmari Forest	
5.	13/05/23	Civet Cat-01	Range Office, Canning		17/05/23, released at Kanmari Forest	
6.	30/08/23	Oriental Honey Buzzard-01	Range Office Raidighi		06/09/23, dead at SWAP	
7.	23/09/23	Peacock-01	CKBS		23/01/24 dead at SWAP	
8.	23/09/23	Brahminy Kite-01	CKBS			Kept at SWAP for treatment and observation
9.	10/10/23	Civet Cat-01	Sonakhali		17/10/23, released to nature	
10.	22/10/23	Jungle Cat-03	CKBS, Bauipur		30/10/23, released to nature	
11.	11/11/23	Peacock-02	CKBS Baruipur		14/11/23, died at Swap	
12.	08/12/23	Brahminy Kite-01	Kultali		04/01/24, released to nature	
13.	25/01/24	Langur-01	Canning		01/02/24	
14.	13/02/24	Jungle Cat-01	Beat Office, Herobhanga		14/02/24, released to nature	
15.	17/02/24	Bengal Fox (Kitten)-08	Sonakhali		02/04/24, transferred to Alipore Zoo	

## 26. Annual Inventory:

Sl. No	Animal Name	Scientific Name	Opening Stock				Births				Acquisition				Disposal				Death				Closing Stock						
			(01/04/2023)																				(31/03/24)						
			M	F	U	T	M	F	U	T	M	F	U	T	M	F	U	T	M	F	U	T	M	F	U	T			
1	Royal Bengal Tiger	<i>Panthera tigris</i>	2	1	0	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	1	0	3
2	Spotted Deer	<i>Axis axis</i>	1	2	3	6	0	0	0	0	0	0	0	0	1	0	3	4	0	2	0	2	0	0	0	0	0	0	0
3	Saltwater Crocodile	<i>Crocodylus porosus</i>	1	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	0	1

## 27. Animal Mortality:

- One female Spotted Deer died on 23/04/23
- One female Spotted Deer died on 25/04/23

**28. Compliance with condition stipulated by Central Zoo Authority:**

Renewal of recognition of the Sundarban Wild Animal Park, Jharkhali, West Bengal under Section -38-H(1), (3) & (4) of the Wild Life (Protection) Act, 1972 for the period beyond 19<sup>th</sup> August, 2021

Compliance Report Vide letter No: 21-1/2021/CZA, Computer no.158516 dated 31.03.2022 on conditions stipulated by CZA during grant of recognition based on the zoo evaluation on 04/05/202

Sl. No.	Norms	Particular suggestion/recommendation	Time Period to Comply	Compliance Remark
1	General requirement			
1.	10.1(7)	Dustbin should be placed appropriately at suitable regular interval in the Deer Park	Immediately	Complied with
9.	Acquisition and breeding of animals			
2.	10.9(6)	Breeding programme for Royal Bengal Tiger & Estuarine Crocodile should be initiated with the aim to conserve the endangered species after taking prior permission from the CZA	Within six months	Noted
3.	10.12(1)	<ol style="list-style-type: none"> <li>1. Safe Drinking water should be available on multiple places.</li> <li>2. No. of benches in the zoo are very less, it is difficult and stressful for visitor to remain standing or moving position, this situation compounds in case of children, old age and ailing persons. At least 50-60 benches should be provided at the interval of 20-30m.</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. At least 4 visitors 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	<p>Complied</p> <p>Complied</p> <p>Complied</p> <p>Complied</p>
Other observation				
4.		Location of this zoo is unique and attractive at the shore of huge river and practically at the "End of Land". This zoo has immense potential to be evolved as estuarine zoo with objective to house marine animals including fishes, molluscs, reptiles, aves, mammals and other animals harbouring mainly on marine/backwater/seashore animals. Huge area, suitable climate and sparsely populated region may be helpful for early success. Zoo administration should seriously ponder over in this direction.	Prior approval shall be sought from the CZA.	Noted

5.		Aquarium can be established to house all possible varieties of marine fishes and molluscs.		Noted
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**29. List of free-living animals within the zoo premises:**

- **Mammals:** Fishing Cat, Jungle Cat, Rhesus Macaque, Squirrel, Mongoose, Civet Cat, Wild Boar etc.
- **Birds:** Fulvous Breasted Wood Pecker, Common Flame back, Barbet, Common Hoopoe, Asian Openbill, Black Headed Ibis, Pond Heron, Little Egret, Little Cormorant, Goliath Heron, Gull, Common Sand Piper, Little Tern, Spotted Dove, Yellow Footed Green Pigeon, Black Caped Kingfisher, Collared Kingfisher, Pied Kingfisher, Common Kingfisher, Green Bee Eater, Small Minivet, Black Drongo, Black Hooded Oriole, Mangrove Whistler, Large-billed Crow, Red-vented Bulbul, Jungle Myna, Flycatcher, Purple Sunbird, Indian Roller, Red Wattled Lapwing, Brahmini Kite etc.
- **Reptiles:** Water Monitor Lizard, Bengal Monitor Lizard, Indian Garden Lizard, Gecko, King Cobra, Monocled Cobra, Banded Krait, Common Krait, Buff- striped Keelback, Indian Rat Snake, Checkered Keelback, Common Wolf Snake, Russell Viper etc.
- **Others:** Fiddler Crab, Rosy Fiddler Crab, Hermit Crab, Grape-seed Crab etc.

  
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**Sundarban Wild Animal Park,**  
**Jharkhali**  
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