

HAL DEER PARK

Annual Report for the Year

2017-18

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1. Report of the Officer – in – charge

2. **History of the Zoo:** Established in the Year 1979 for housing the animal Spotted Deer. The development of the park started mainly to create recreational facilities for the people in and around Sunabeda. Over the period the park was recognized as a Mini Zoo by the Central Zoo Authority, New Delhi.

3. **Vision:** To create awareness about conservation and protection of wild animals to have a balanced ecosystem.

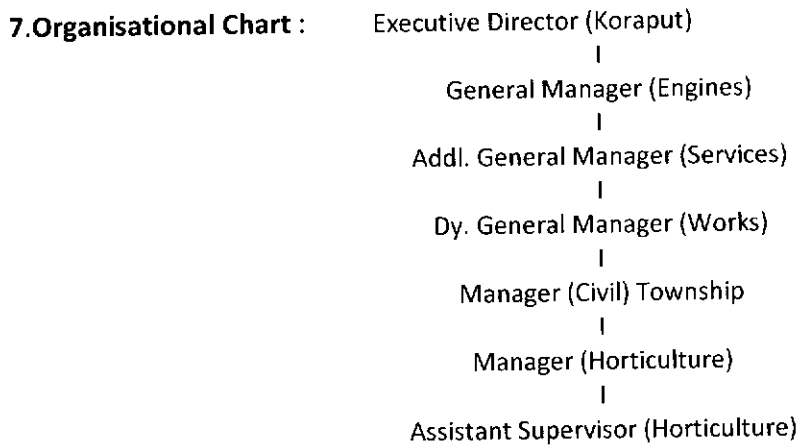
4. **Mission:** To protect the wild animals through conservation by providing a naturalistic environment and spreading awareness about importance of the wild life for a balanced ecosystem.

5. **Objective:** The main objective of building up of such mini zoo are to save from harm and safe guard the species. It also helps in recreation of the inhabitants of HAL Township. The Zoo also help to increase the number of Deer reserved within the premises of the zoo. Also, it aims to creating awareness among the public regarding conservation of wild life.

6. About Us

Sl.No.	Particulars	Information
Basic Information about the Zoo		
1.	Name of the Zoo	HAL Deer Park
2.	Year of Establishment	1979
3.	Address of the Zoo	Besides HAL Nursery, Sector-VII, HAL Township, Sunabeda-2, Dist.- Koraput, Odisha.
4.	State	Odisha
5.	Telephone Number	06853-220220-ext.-2497;2785;2779
6.	Fax Number	06853-220004
7.	E-mail address	civil.koraput@hal-india.com
8.	Website	www.hal-india.com
9.	Distance from nearest	Airport: 210 Km. Railway Station: 20 Km. Bus Stand: 02 Km.
10.	Recognition Valid upto (Date)	30.09.2014
11.	Category of Zoo	Mini Zoo
12.	Area (in Hectares)	20.02 Hectares
13.	Number of Visitors (Financial Year)	Adult: Children: Total Indian: 15000 Nos. Approx. Total Foreigners: Nil Total Visitors: 15000 Nos. Approx.
14.	Visitor's Facilities Available in Zoo	Available outside the zoo as it is a Single enclosure.
15.	Weekly Closure Day of the Zoo	It is opened everyday.
Management Personnel of the Zoo		
16.	Name with designation of the Officer-in-charge	M.R.Barik, Manager (Civil) Miss. Gayatri Das, Manager

		(Horticulture)
	Name of the Veterinary Officer	Dr.A.K.Setty, BVO, Semiliguda.
	Name of the Curator	Nil
	Name of the Biologist	Nil
	Name of the Education Officer	Nil
	Name of the Compounder/ Lab Assistant	Nil
Owner / Operator of the Zoo		
17.	Name of the Operator	N.C.Behera, AGM(Services)
18.	Address of the Operator	HAL Sunabeda-2, Koraput, Odisha-763002
19.	Contact details /Phone number of Operator	09438901035
20.	E-mail address of Operator	nirod.behera@hal-india.com



8. Human Resources

Manpower of the Zoo

Sl.No.	Designation	Number of Sanctioned Posts	Name of the incumbent
1.	Manager (Civil-Township)	-	M.R.Barik
2.	Manager (Horticulture)	-	Gayatri Das
3.	Asst. Supervisor (Horticulture)	-	Mamtarani Mallik

9. Capacity Building of the Zoo Personnel

Sl.No.	Name and designation of the zoo personnel	Subject matter of Training	Period of Training	Name of the Institution where the Training attended
1.	Nil			

10. Zoo Advisory Committee– NIL

- Date of Constitution:
- Members
- Dates on which Meetings held during the Year

11. Health Advisory Committee- NIL

- Date of Constitution
- Members
- Dates on which Meetings held during the Year

12. Statement of income and expenditure of the Zoo :

Income from the Zoo- NIL.

Expenditure for the Zoo:-

Sl.No.	Description	Amount (in Lakh)
1.	Deer Feed (Coarse Grain Feed)	Rs. 7.39
2.	Treatment and medicines for animals	Rs. 0.50
3.	Daily helper engagement	Rs. 9.53
4.	Minor Civil repair and renovation	Rs. 10.05
5.	Misc. expenditure	Rs. 1.00
	Total -	Rs. 28.47

13. Daily feed Schedule of animals:

Sl.No.	Species	Feed item	Quantity		Day of Fasting
			Winter	Summer	
1.	<i>Axis axis</i>	Crushed Maize Ground nut oil cake Kulthi Crushed Rice Bran Edible crystal salt Ragi Crush Wheat Bran Mineral Mix	Twice in a Day – 1Kg Feed Mixture per animal.	Twice in a Day – 1Kg Feed Mixture per animal.	Nil
2.		Green Grass, leaves, soft twigs of trees.	Four times a Day- 5 Kg per animal Approx.	Four times a Day- 5 Kg per animal Approx.	Nil

14. Vaccination Schedule of animals:

Sl.No.	Species	Disease vaccinated for	Names of the Vaccine and dosage/quantity used	Periodicity	Remarks
1.	<i>Axis axis</i>	NIL	NIL	As directed by the Local Veterinarian	Was not given in the year under consideration.

15. De-worming Schedule of animals:

Sl.No.	Species	Drug Used	Month
1.	<i>Axis axis</i>	Albendazole	May 2017 & November 2017

16. Disinfection Schedule:

Sl. No.	Species	Type of enclosure	Disinfectant used and method	Frequency of disinfection
1.	<i>Axis axis</i>	Single enclosure with double chain linked fencing.	-Pottasium permanganate with water for the footbath at the entrances.	Everyday.
			-Tetracyclin Powder with feed for animals	October 2017.
			-Sprinkling the soil with lime.	Every fortnight interval.
			-Sprinkling of bleaching powder for cleaning etc.	Every fortnight interval.

17. Health Check-up of employees for zoonotic diseases:

Sl.No.	Name	Designation	Date of Health Check up	Findings of Health Check up
1.	Ram Burudi	Helpers	October 2017	No signs of zoonotic diseases.
2.	DhanaGadaba			
3.	Ananta Raju			
4.	Ramesh Raju			
5.	SadanKhosla			
6.	DhanaJani			
7.	BudhuHantal			
8.	DayaGungia			
9.	TebuMajhi			
1.	Gayatri Das	Officer-in-charge, Manager (Horticulture)	October 2017	
2.	Mamta Rani Mallick	Asst.Supervisor (Horticulture)	October 2017	

18. Development Works carried out in the zoo during the Year :

- Double Chain link fencing
- Repair renovation of the Round the clock water supply channel & water Tanks
- Repair of Sheds, feed platforms, water channels, water tanks.
- Shade Giving tree plantation inside the Park.
- Construction of Foot Bath at the entrances of the enclosure.
- Painting of sheds, water tanks, channels etc.

19. Education and Awareness programme during the Year: NIL**20. Important Events and happenings in the zoo: NIL****21. Seasonal special arrangements for upkeep of animals:**

- Summer Season- Use of water sprinklers to beat the heat during peak summer.
- Plantation of shade giving tree saplings
- Implantation of wooden blocks for rubbing caused due itching during the growth of new horns in males.

22. Research Work carried out and Publications: NIL

23. Conservation Breeding Programme of the Zoo : NIL

24. Animal acquisition / transfer / exchange during the Year :

A. Animals arriving in the Zoo : NIL					
H. No.	Species	Number (M:F)	From which Zoo	Date of arrival in the Zoo	
-	-	-	-	-	
B. Animals going from the Zoo : NIL					
H.No.	Species	Number (M:F)	Going to which Zoo	Date of deposition from the Zoo	
-	-	-	-	-	

25. Rescue and Rehabilitation of the wild animals carried out by the zoo : NIL

Sl. No.	Date of Rescue	Species with number of animals rescued with their sex (M:F:U:T)	Received from	Date of Submission of Report to the CWLW/CZ A	Action taken	
					Date and Place of rehabilitation in their habitat	Reasons for housing in the zoo, if not released in their habitat
NA	-	--	-	-	-	-

26. Annual inventory of animals:

Form-II

Part-A

Inventory Report for the Year: 2017-18

Endangered Species : NIL

Sl.No.	Animal Name	Scientific Name	Opening Stock as on				Births			Acquisition			Disposals			Death			Closing			
			M	F	U	T	M	F	U	M	F	U	M	F	U	M	F	U	M	F	U	T
NA																						

Part-B

Other than Endangered Species

Sl. No.	Animal Name	Scientific Name	Opening Stock as on				Births			Acquisition			Disposals			Death			Closing			
			M	F	U	T	M	F	U	M	F	U	M	F	U	M	F	U	M	F	U	T
1.	Spotted Deer	Axis axis	13	19	19	51	5	2	-	-	-	-	-	-	3	1	-	15	22	17	54	

N.B- Out of the 19 unidentified Deer animals, 02 were identified as Females.

27. Mortality of animals:

Sl.No.	Animal Name (With individual identification mark,if any)	Scientific Name	Sex	Date of Death	Reason of Death as per the Post-mortem report
1.	Spotted Deer	<i>Axis axis</i>	Male	01.04.2017	Infighting
2.	-do-	-do-	Male	04.04.2017	Infighting
3.	-do-	-do-	Female	12.6.2017	Asphyxia resulting from pulmonary tissue damage caused by Pneumonia.
4.	-do-	-do-	Male	25.6.2017	Infighting

28. Status of the Compliance with conditions stipulated by the Central Zoo Authority:

Sl.No.	Norm No. under RZR 2009	Condition Stipulated	Time Period to Comply	Since when pending	Status with regard to compliance of the conditions
1. General Requirements					
1	1.2	Proper landscaping and planting of appropriate species to be provided for naturalistic environment.	Within three months	-	Complied.
2	1.3	The fence is adjacent to road may be set back by at least 10 m.	Within one year		The original fence is approximately 10m away from the road. However , in future extension of the park, adequate / requisite setback can be maintained
3	1.4	To increase the height of the chain-link fence with appropriate standoff barriers	Within six months		Complied
4	1.7	Solid wastes to dispose off on daily basis	Immediately		Complied.
2. Administrative and staffing pattern					
5	2.2	To have a full time staff (A biologist)	Immediately		Proposal is being put up for approval. However, presently the officer-in-charge has a qualification of MSc.(Ag.) specialization in Horticulture.
6	2.4	To have part time veterinary staff to response in emergency.	Within two months		The veterinary staff resides inside the Township and caters to

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					the emergency requirements.
3. Development and Planning					
7	3.1	To prepare Master Plan for approval of CZA	Within one Month		Master Plan has been submitted to CZA for approval
8	3.1	To develop 30% of the area	Within Six Months		Development of pertaining to infrastructure is updated time to time.
9	3.3	All small animal enclosures to be demolished which are being used as feed sheds.	Immediately		Complied
4. Animal housing display of animal enclosures					
10	4.4	Feeding of Deers to be done in separate areas to avoid infighting of dominant ones	Immediately		Complied
11	4.9	From the viewer side to be provided with standoff barriers	Within two Months		Complied
12	4.1	Signages may be provided in Hindi also with all biological information.	Within Two Months		Complied
6. Veterinary and infrastructure Facility					
13	6.1	To have basic Veterinay facility	Within Six months		Being implemented in consultation with the Veterinary Doctor
14	6.1	To develop facility of a treatment Room	Within Six months		Being implemented in consultation with the Veterinary Doctor. Also, projected in the Capital Budget.
15	6.1	To employ one veterinary compounder	Within Six months		Requirement is catered through the available veterinary staff residing inside Township
7. Post mortem and disposal of carcasses of animals					
16	7.2	Post mortem format to be prescribed CZA format	Immediately		Complied
17	7.3	Ensure to send samples after post mortem to any diagnostic laboratory	Immediately		Samples are sent to the veterinary collage under OUAT, BBSR as per the

					instructions of the veterinary doctor.
9.Acquisition and breeding of animals					
18	9.9	To implement population control measures by separating males	Immediately		Help from the local veterinary officials is being taken for vasectomy.
11.Education and outreach activities					
19	11.1	Appropriate signages to be provided	Within one month		Complied
12.Visitors Facility					
20	12.2	To make available First aid facility including Snake anti- venom	Immediately		Complied. However, anti-venom is kept in the Hospital situated besides the Deer Park.

29. List of free living wild animals within the zoo premises

- a. Mammals :- NIL
- b. Birds :- NIL
- c. Reptiles :- NIL

Jayalalitha
20/7/18
 Manager (Hoshikuttam)