



# AMBARDI SAFARI PARK

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**Annual Report for the year 2017-18**



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## 1) Foreword

It is a matter of great pleasure to publish the first annual report of Ambardi Safari Park. I am privileged for having this great opportunity to explore the wildlife and to experience the wilderness. The Ambardi Safari Park is just 9 months old at the time of writing this report. We are aiming for improving this park in the coming years by adding more and more facilities to the park both for animals and the visitors.

The park is divided into two parts. Total area of the park is 387.00 Ha. The outside area of the Park is of 15.00 Ha in which, we have built facilities like Entry, Reception Center, Souvenir Shop, Toilets, Drinking water facility, Canteen, Rest Huts and Parking area at the entrance premises of the park. The inside area of the park is 367.00 Ha. in which, we have built Double gate entry system, Animal house, Upkeep center with Kraals, Food room, Veterinary office, Store room and two rooms for keepers.

At present there are eight lions brought from Sakkarbaugh Zoo of which there are 2 males and 6 females, squeeze cage, spray pumps, sterilizing equipment, refrigerator, pathological investigation equipment, etc. There is a separate storage area for feed as well as a separate meat inspection room. Sanitation section is divided in two parts 1) Maintenance of enclosures supervised by VO and 2) Maintenance of office section and public utilities supervised by Range officer in-charge.

Eleven water points have been constructed where animal can drink water. These water points are filled by windmills and solar pumps. Water tankers are sent in the area of plantation inside the park and to some of the water points. There is a sewerage line to collect waste from different part of the area including animal enclosures.

The area selected for the park is natural Habitat of the Lion though to improve vegetative cover of indigenous species necessary operations have been done. We have a disaster management plan in place for any disaster related to fire, flood, earthquake, cyclone or storm. We also have a Contingency plan in cases like: Escape of animals from enclosure, Infighting among animals, Non-supply of food by contractor, Injury to visitors, Epidemics, Breakdown of power supply, etc. The staff of the park especially trackers are regularly undergo 'Keepers Training'.

Being just nine months old Park, we are seeing a huge potential to develop this park with more facilities. Some of them included in the original master plan also. We are planning to develop facilities like: Information and help center, an interactive Interpretation Center, Cafeteria, Children's area/ Recreational area, Amphitheatre, Rest huts, sun and rain shelter, Library, Conference room, Watch tower, Staff quarters, a permanent drinking water facility, etc. Purchase of vehicles such as 1 a/c bus, 2 non a/c buses, 1 four-wheel vehicle and 4 two-wheel vehicles will be done as and when budgetary provisions are made.

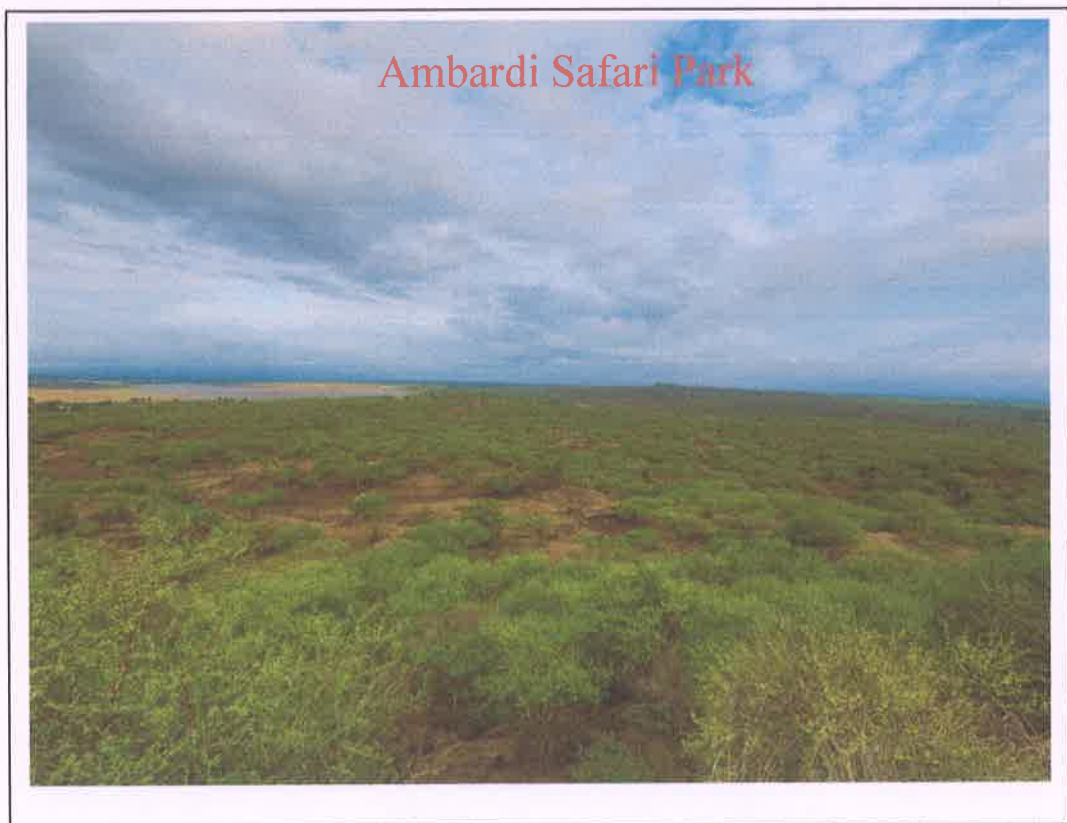
We are also planning to organize more and more nature education camps and events like quiz, debate, painting competition, wildlife essay, etc to create awareness in children about wildlife and nature. Education and awareness can be brought through developing a well-equipped audio-visual, touch and learn/interactive Interpretation center. The park can serve as a repository of information for student who wants to take up Research on Ex-situ conservation of lion and that would provide an excellent insight into the conservation biology





of species in captivity.

As far as capacity building is concerned, the staff may be trained for "Zoo management training" by CZA and WII. Exposure and hands-on training will be provided to staff by sending them to other zoos. The ticketing is computerized to prevent any scope of pilferage. We are planning to emphasize on e-governance by which stores and feed distributions will be entirely computerized as Gujarat is pioneer state in e-governance. In Security section, we are planning to use services of a security agency which can provide security guards with all equipment.





## 2) HISTORY :-

The free ranging Lions today exist as a two disjunctive population: *Panthera leo leo* in Africa and *Panthera leo persica* in India. The Gir Forest is well known all over the world for the only wild gene pool and for the last home of the Asiatic lion. The only surviving free ranging population of the Asiatic lion exist in the Gir Forests, Gujarat, India. The Asiatic lion was once widely distributed in Asia covering Mesopotamia, Arabia, Persia and the Indian subcontinent where it was fairly abundant up to the end of the 18th century. Within the Saurashtra region , they were found in Drangadhra, part of Jasdan, Chotila, Alech hills, Barda hills and Gir. By the turn of the 19th century large tracts of cultivation came to separate Gir, Alech and Barda hills. As a result, the lion population got fragmented and ultimately limited to Gir Forest. The Nawab of Junagadh provided adequate protection to the lions and their population increased between the 1904 and 1911. After the death of Nawab, about 12 to 13 lions were shot annually. From the year 1911 onwards shooting was rigidly controlled by the British Administration and during year 1913, the Chief Forest officer of Junagadh reported that there were not more than 20 lions.

Gir was connected with Girnar and Mitiyala hills by corridors of rough and semi wooded and sparsely populated country as also with Barda and Alech hills and a wild wooded strips between Dhank and Chorwad along the sea coast this enabled the Gir lions to commute freely to and from those pockets.

In recent years, lions have taken permanent residence in the coastal forest of Kodinar, Girnar, and Mitiyala forest. Lions deserted Barda and Alech hills towards the later half of the 19th century, probably as a result of the constant disturbance caused by British army 'Wagher' outlaws hiding in this hill. A pride consisting of lion, lioness and a cub was last seen in this area in 1879. But before the Porbandar state authorities could take a step to protect them, the animals were killed by the Rabaris and Navanagar state police stationed there.

Lions started appearing in the Mityiyala Forest from the 1917 onwards; around 23 lions were shot in this area between 1940 and 1946. Lions were last seen in small numbers in the Girnar hills adjoining Junagadh till 1963. The nine lions were captured from this area between 1944 and 1958. Wild lions in Girnar were obtained and attracted by roaring of captive lions kept in Sakkarbag Zoo maintained by the Forest Department.

In last three decades, the lion population has increased resulting in an increase in lion density within Gir, and constantly lions have dispersed and established themselves outside the



protected areas. Now they have taken permanent residence in the coastal forest of Kodinar, Girnar and Mitiyala forests.

Today Lions are present in Gir National park and sanctuary and its surroundings viz. GirnarSanctuary, MitiyalaSanctuary, PaniaSanctuary, Coastalarea, Savarkundala, Liliya and adjoining areas of Amreli and Bhavanagar districts.

### **AMBARDI Safari Park**

In this background a proposal for Ambardi Wildlife Interpretation Zone, Dhari at Ambardi Reserved Forest was proposed during the year 2006. MoEF, GoI, also communicated that the proposal does not attract the provisions of FCA, 1980 vide letter *F. No. 11-96/2006 dated 31.5.2006*. The Member Secretary, CZA, New Delhi, vide letter *F. No. 22-22/2007-CZA(M) dated 21.5.2008* conveyed the In-principal Approval under Section 38H(1A) of WPA, 1972 to establish Safari Park at Ambardi. The 83<sup>rd</sup> Technical Committee meeting of CZA held on 19<sup>th</sup> May, 2017 granted continual recognition to Ambardi Wildlife Interpretation Zone (Ambardi Safari Park) at Dhari in Amreli District under provision of section 38H(1) of the WPA, 1972 vide *F. No:22-2/2007 CZA (514) (Vol.1) (AK)/1023/2017 dated 5.6.2017*. The development of Ambardi Safari Park is financially supported by Govt. of India, Govt. of Gujarat and Gujarat State Lion Conservation Society.

### **3) Vision**

To establish state of Art Wildlife Interpretation Zone (Lion Safari Park) for augmenting lion conservation efforts and raise awareness among masses to connect them towards the cause of Gir lions.

### **4) Mission**

- (i) To strengthen the efforts towards lion conservation in wild through awareness among people,
- (ii) To enhance livelihood opportunities for communities around Dhari
- (iii) To lessen the tourist burden on Gir Wildlife Sanctuary and Devaliya Safari Park at Sasan Gir.



## 5) Objective

- Conservation of the Natural heritage
- Strengthen awareness regarding natural heritage
- Conservation through Eco tourism
- Ex-situ conservation of gene pool of Asiatic lions in near native ecological conditions and providing rehabilitation for troubled animals captured from outside Gir PA.
- Reducing tourist pressure on the Gir PA and Devaliya Safari Park by providing an alternate place for wildlife Safari.
- To create international level facilities for viewing of lions in open and in same habitat as that of wild.

## 6) About us

S. No.	Particulars	Information
<b>Basic Information about the Zoo</b>		
1	Name of the Zoo	Aambardi Safari Park
2	Year of Establishment	17.10.2017
3	Address of the Zoo	Aambardi Safari Park, Dhari, Dist: Amreli
4	State	Gujarat.
5	Telephone Number	02797 225044
6	Fax Number	02797 225132
7	E-mail address	Dcf_dhari@yahoo.com
8	Website	Yet to be created
9	Distance from nearest	Airport: Rajkot 131 K.M
		Railway Station: About 10 K.M
		Bus Stand: About 9 K.M





10	Recognition Valid upto (Date)	18.05.2019
11	Category of zoo	Mini Zoo
12	Area (in Hectares)	365.11 Ha.
13	Number of Visitors (Financial Year)	Adult : 37687
		Children : 7353
		Total Indian : 45040
		Total Foreigners : 1
		Total Visitors: 45041
14	Visitors' Facilities Available in Zoo	Sighting of lions and other wild animals Drinking Water, Ladies & Gents Toilet, Sitting Arrangement, Canteen Facility, Dam Site
15	Weekly Closure Day of the Zoo	Tuesday



S.No.	Particulars	Information
<b>Management Personnel of the zoo</b>		
16	Name with designation of the Officer in-charge	DCF, Gir (East) Forest Division, Dhari.
	Name of the Veterinary Officer	Dr.H.G.Vamja, Veterinary Officer.
	Name of the Curator	Yet to be appointed
	Name of the Biologist	Yet to be appointed
	Name of the Education Officer	Yet to be appointed
	Name of the Compounder/ Lab Assistant	Yet to be appointed
<b>Owner / Operator of the Zoo</b>		
17	*Name of the Operator	DCF, Gir(East)Forest Division, Dhari.
S.No.	Particulars	Information
18	Address of the Operator	Gir (East) Forest Division, Vekariyapara, Dhari, Dist:Amreli.
19	Contact details/Phone number of Operator	Office No:02797 225044 ContactNo:99784 05130
20	E-mail address of Operator	<a href="mailto:dcf_dhari@yahoo.com">dcf_dhari@yahoo.com</a>

\* 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*

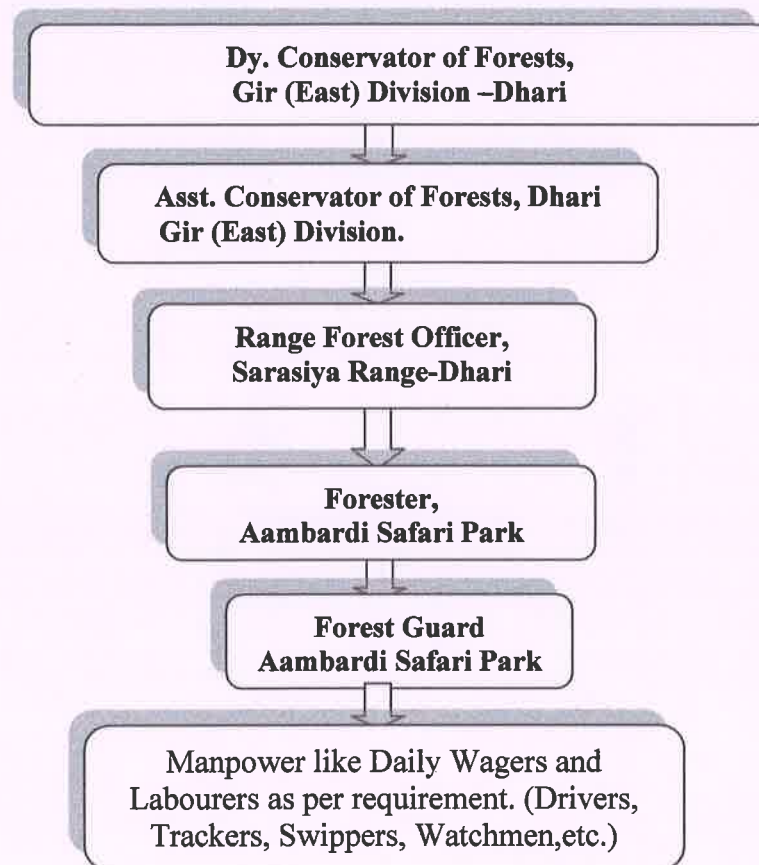
*II. in the case of a company, any director, manager, secretary or other officer, who is in-charge of and responsible to the company for the affairs of the zoo; or*

*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.*

## 7) Organization Chart





## 8) Human Resources

### Manpower of the Zoo\*

Sl.No.	Designation	Number of Sanctioned Posts	Names of the incumbent
1	Dy. CONSERVATOR OF FOREST	1	DCF, Gir (East) Division-Dhari.
2	ASST. CONSERVATOR OF FOREST	1	
3	RANGE FOREST OFFICER	1	
4	FORESTER	1	
5	GUARD	2	
6	DAILY WAGER	AS PER REQUIREMENT	
7	LABOUR	AS PER REQUIREMENT	

\*Please give above mentioned information in respect of all zoo personnel, from the Officer in-charge upto the Animal Keeper.

## 9) Capacity Building of 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	P.H.Rathod	How To Treat With wild animals.	Dt:8/2/2016 to Dt:13/2/2016.	Sakkarbaug Zoo, Junagadh.
2	S.R.Dhadhal			
3	J.D.Bayal			
4	S.N.Devmurari			Rescue Center, Sasan.
5	J.D.Sarvaiya			Devliya Safari Park-Devaliya
6	A.K.Thakar			
7	S.K.Bloch			

## 10) Safari Advisory Committee – Yet to be formed

- i. Date of constitution ---
- ii. Members ---
- iii. Dates on which Meetings held during the year ---





**11) Health Advisory Committee- Yet to be formed**

- i. Date of constitution ---
- ii. Members ---
- iii. Dates on which Meetings held during the year ---

**b. Statement of income and expenditure of the Safari:**

- ➔ Total Income of the Park is Rs.75,99,510.00 for FINANCIAL YEAR 2017-18.
- ➔ Total expenditure of the Park is Rs.2,58,68,292.00 for FINANCIAL Year 2017-18

**c. Daily feed Schedule of animals : Three lions are feed everyday as per following schedule :**

S. No.	Name of Lion	Feed item	Quantity		Day of fasting
			Winter	Summer	
1	Shailja	Mutton	6.0 K.G	5.0 K.G	SUNDAY
2	Ambalica	Mutton	6.0 KG	5.0 K.G	SUNDAY
3	Gyan	Mutton	8.0 K.G	6.0 KG.	SUNDAY

**14. Vaccination Schedule of animals**

S. No.	Species	Disease vaccinated for	Name of the Vaccine and dosage/ quantity used	Periodicity	Remarks
1	<i>Panthera leo persica</i>	FLPV	Fel-O-Vex	Yearly	----

**15. De-worming Schedule of animals**

Sr.No.	Species	Drug used	Month
1	<i>Panthera leo persica</i>	Fenbendasol	Every 3 Months



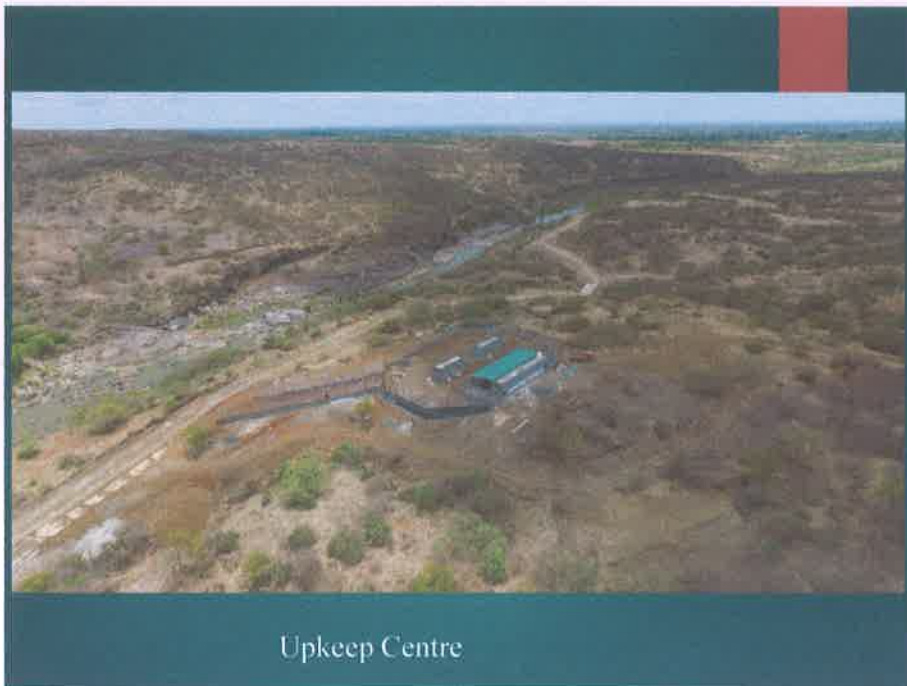
### 16. Disinfection Schedule

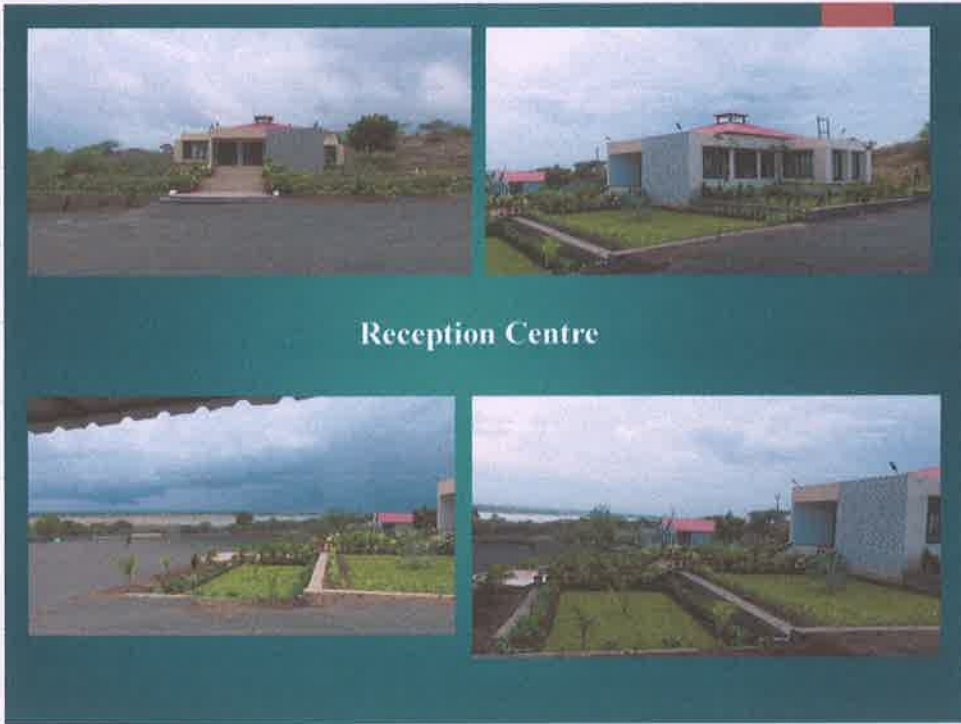
S. No.	Species	Type of enclosure	Disinfectant used and method	Frequency of disinfection
1	<i>Panthera leo persica</i>	Open & Close	Korsolin Spraying Method	Weekly

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

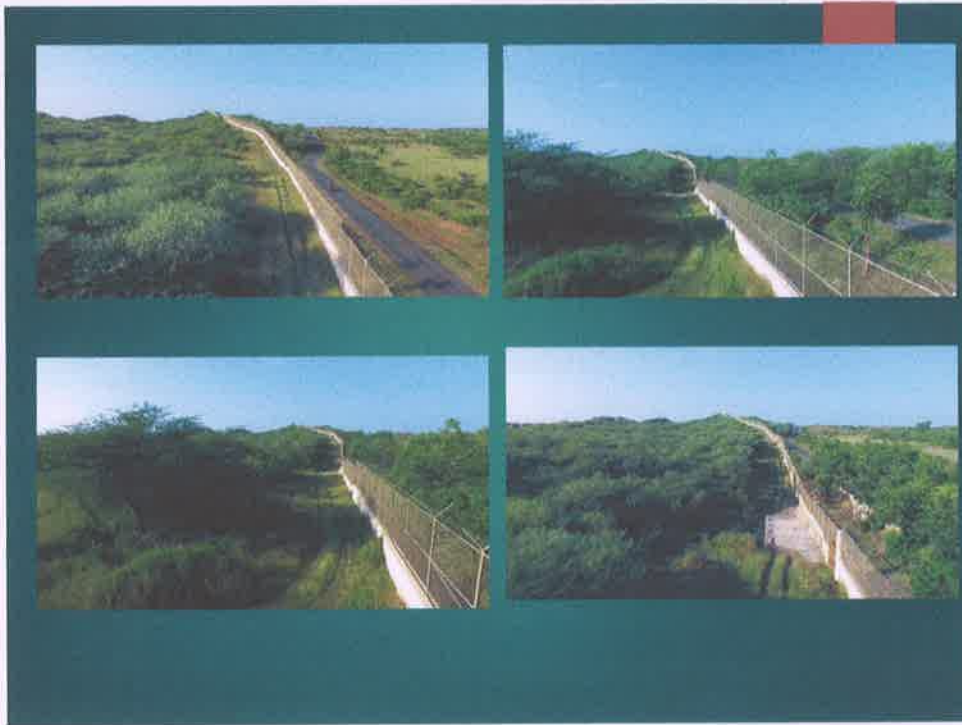
S. No.	Name	Designation	Date of Health Check up	Findings of Health Check up
	Nil	--	--	--

### 18) Development Works carried out in the zoo during the year : yes





Reception Centre







**19) Education and awareness programmes during the year :**

**Plastic free Zone cleanliness campaign at Ambardi Safari Park:**





## 20) Important Events and happenings :

Ambardi Safari Park Inaugurated by The Hon'ble Chief Minister of Gujarat, Shri Vijaybhai Rupani On 17<sup>th</sup> October, 2017



## Celebration of International Yoga Day on 21<sup>st</sup> of June 2018 at Ambardi Safari Park :





**21. Seasonal special arrangements for upkeep of animals :**

- a. Foggers in Summer Season
- b. Application of Green net in open shed at roof of The open shed in monsoon season.

**22. Research work carried out and publications :** No

**23. Conservation Breeding Programme of the Zoo : started**





**24. Animal acquisition / transfer / exchange during the year**

A. Animals arriving in the Zoo					
H.NO.	Species	Number (M:F)	From which Zoo	Date of arrival in the zoo	
	<i>Panther leo persica</i>	1:2	Sakkarbaug Zoo, Junagadh.	M:F 2:1 7/6/2017	
B. Animals going from the zoo					
H.NO.	Species	Number (M:F)	Going to which Zoo	Date of deposition from the zoo	
Nil	--	--	--	--	--

**25. Rescue and Rehabilitation of wild animals carried out by the Zoo**

S. 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 / CZA	Action taken	
					Date and Place of rehabilitation in their habitat	Reasons for housing in the zoo, if not released in their habitat
	Nil					





## 26. Annual Inventory of animals

Form - II

[See Rule 11(1)]

Part - A

Inventory Report for the Year:

### Endangered Species\*

S.N o.	Animal Name	Scientific name	Opening Stock as on				Births			Acquisition			Disposal			Death			Closing Stock as on						
			M	F	U	T	M	F	U	M	F	U	M	F	U	M	F	U	M	F	U	T			
			2	6	0	8	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	6	0	8

\*Animals under Schedule I and Schedule II of the Wild Life (Protection) Act, 1972

Part - B

### Other than Endangered Species

S.N o.	Animal Name	Scientific name	Opening Stock as on				Births			Acquisition			Disposal			Death			Closing Stock as on						
			M	F	U	T	M	F	U	M	F	U	M	F	U	M	F	U	M	F	U	T			
			0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

## 27. Mortality of animals

S. No.	Animal Name (with mark, if any)	Scientific Name	Sex	Date of Death	Reason for Death as per the post mortem report
	Nil	----	----	-----	----

## 28. Compliance with conditions stipulated by the Central Zoo Authority

Sr. No	Norm No. under RZR, 2009	Condition Stipulated	Time Period to Comply	Since when pending	Status with regard to compliance of the conditions
				Nil	



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

- A. Mammals
- B. Birds
- C. Reptiles

(A) Mammals: (1) Leopard  
(2) Chinkara.  
(3) Blue bull.  
(4) Spotted deer.

(B) Birds: (1) Aba bills.  
(2) Peacock.  
(3) Bulbul  
(4) King Vulture.  
(5) Raptors

(C) Reptiles: (1) Spectacle Cobra.  
(2) Red Sand Boa.  
(3) Python.