

AMBARDI SAFARI PARK

Annual Report for the year 2018-19



Reception Center Aambardi Safari Park-Dhari.



CONTENTS

Sr.No	Section	Page Number
1	Report of the Officer-in-charge (Forward)	1
2	History of the Zoo	3
3	Vision	5
4	Mission	5
5	Objective	5
6	About us	6
7	Organizational Chart	8
8	Human Resources	9
9	Capacity Building of the zoo personnel	9
10	Zoo Advisory Committee	9
11	Health Advisory Committee	9
12	Statement of income and expenditure of the Zoo	10
13	Daily feed Schedule of animals	10
14	Vaccination Schedule of animals	10
15	De-worming Schedule of animals	10
16	Disinfection Schedule	11
17	Health Check-up of employees for zoonotic diseases	11
18	Development Works carried out in the zoo during the year	12
19	Education and Awareness programmes during the year	13
20	Important Events and happenings in the zoo	14
21	Seasonal special arrangements for upkeep of animals	15
22	Research Work carried out and publications	15
23	Conservation Breeding Program of the Zoo	15
24	Animal acquisition / transfer / exchange during the year	15
25	Rescue and Rehabilitation of the wild animals carried out by the zoo	15
26	Annual Inventory of animals	16
27	Mortality of animals.	16
28	Status of the Compliance with conditions stipulated by the Central Zoo Authority	16
29	List of free living wild animals within the zoo premises	17



1. Report of the Officer-in-charge

It is a matter of great pleasure to publish the Second 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 two years 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 362.51 Ha. The outside area of the Park is of 15.00 Ha in which, we have built facilities like Entry, Reception Centre, 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 362.51 Ha. in which, we have built Double gate entry system, Animal house, Upkeep center with Kraals, Meat cutting room, Veterinary office, Store room and two rooms for keepers.

At present there are six lions brought from Sakkarbaugh Zoo of which there are 1 males and 5 females, squeeze cage, spray pumps, etc. There is a 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 Forest officer.

Eleven water points have been constructed where animal can drink water. These water points are filled by windmills and solar pumps. Water tankers are being used, whenever needed. 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, etc. The staff of the park especially



trackers are regularly undergo 'Keepers Training'.

Being just two years 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 centre, an interactive Interpretation Centre, 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.



Bird Eye View of Ambardi Safari Park



2 HISTORY:-

The free ranging Lions today exist as a two disjunctive population: *Panthera leo* in Africa and *Panthera leo leo* 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 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 Mitiyala 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 83rd Technical Committee meeting of CZA held on 19th 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 SasanGir.

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.

Sr.No	Particulars	Information
Basic Information about the Zoo.		
1	Name Of the Zoo	Ambardi Safari Park
2	Year Of Estabilshment	17.10.2017
3	Address Of the Zoo	Ambardi Safari Park, Dhari, Dist:Amreli.
4	State	Gujrat.
5	Telephone Number	02797 225044
6	Fax Number	02797 225132
7	E-mail address	dcf_dhari@yahoo.com
8	Website	girlion.gujarat.gov.in
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)	362.51 Ha
13	Number Of Visitors (Financial Year 2018-19)	Adult: 37687
		Children: 7353
		Total Indian: 45040
		Total Foreigners: 1
		Total Visitors: 45041
14	Visitors Facilities Available In Zoo	Drinking water facility, Sitting Arrangements, Ladies & Gents Toilet, Canteen Facility.
15	Weekly Closure Day Of the Zoo	Tuesday

Sr.No	Particulars	Information
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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	A.J. Sindhi, Curator
	Name of the Biologist	NA
	Name of the Education Officer	NA
	Name of the Compounder/ Lab Assistant	Vanrajbhai Dhandhal
17	*Name of the Operator	ACS, Forest and Environment Department
18	Address of the Operator	Forest and Environment Department, Sachivalay, Gandhinagar
19	Contact details/Phone number of Operator	Office No:02797 225044
20	E-mail address of Operator	dcf_dhari@yahoo.com

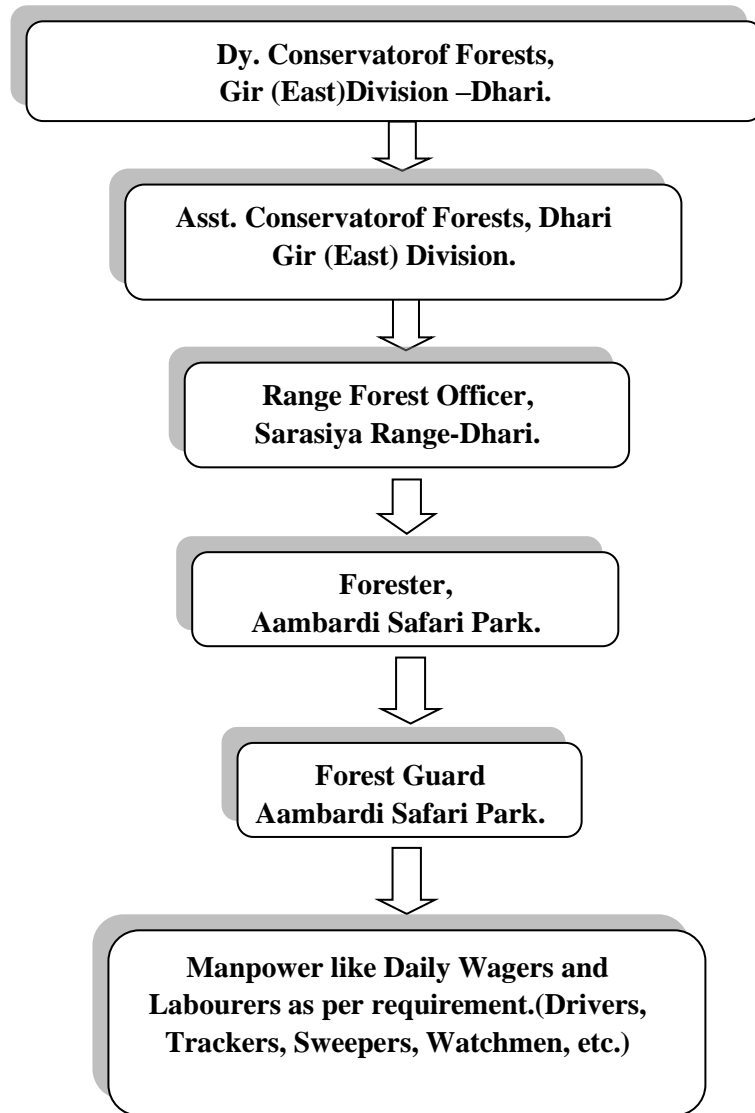
*** Rule 2(m) of the Recognition of Zoo Rules, 2009.**

“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*

Sr.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	1	
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:- Conducted training programmes / exposure visit to Zoos.

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 the year 2018-19.

➔ Total expenditure of the Park is Rs.2,58,68,292.00 for the year 2018-19.

a. Daily feed Schedule of animals : Six lions are feed everyday as per following schedule:

Sr.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	Geeta	Mutton	6.0 k.g	5.0 k.g	Sunday
3	Shiv	Mutton	8.0 k.g	6.0 k.g	Sunday
4	Tita	Mutton	6.0 k.g	5.0 k.g	Sunday
5	Malika	Mutton	6.0 k.g	5.0 k.g	Sunday
6	Amya	Mutton	6.0 k.g	5.0 k.g	Sunday

14. Vaccination Schedule Of animals.

Sr.No.	Species	Disease Vaccinated For	Name Of the Vaccine and Dosage/Quantity Used.	periodicity	Remarks.
1	Panthera leo leo	FLPV	Fel-O-Vex	Yearly	---

15. De-Worming Schedule Of animals.

Sr.No.	Species	Drug Used	Month
1	Panthera leo leo	Fenbendazol, Liv-52 and Oxyclosenide.	Every 3 Months



16. Desinfection Schedule.

Sr.No.	Species	Type Of Enclosure	Desinfectant used and method	Frequency Of Desinfection
1	Panthera leo leo	Open & Close	korsolin Spraying Method	Weekly

17. Health check-Up of employees for zoonotic diseases.

Sr.No.	Name	Designation	Date Of health Check up.	Findings Of Health Check up.
1	Samir Devmurari	Zoo keeper	10/6/2019	Physically fit
2	Amit Thakar	Zoo keeper	10/6/2019	Physically fit
3	KhodabhaiCharola	Sweeper	10/6/2019	Physically fit
4	SanjaybhaiSondarva	Sweeper	10/6/2019	Physically fit



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



CAUSEWAY NO.1
CONSTRUCTION.



CAUSEWAY NO.2
CONSTRUCTION.



STREEP ROAD IN
SAFARI PARK.



19. Education and awareness programmes during the year :

Students of Shivad Primary School-Dhari, Visited To Ambardi Safari Park.



2) School children at Safari Park



3) School children in Safari



20) Important Events and happenings:

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



21. Seasonal special arrangements for upkeep of animals :

- a. Foggers in Summer Season
- b. Application of Green net on the open shed at roof.
- c. Sand replacement in Kraal at every three months.

22. Research work carried out and publications:- NA

23. Conservation Breeding Programme of the Zoo:- NA

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

A. Animals arriving in the zoo between 01.04.2018 to 31.3.2019

Sr.No.	Animal	Animal Name	Scientific Name	No.	Event	Date.
1	Asiatic Lion	Geeta	Panthera leo leo	1	-	05.05.2018
2	Asiatic Lion	Malika	Panthera leo leo	1	-	05.05.2018
3	Asiatic Lion	Shiv	Panthera leo leo	1	-	06.05.2018
4	Asiatic Lion	Aimya	Panthera leo leo	1	-	05.06.2018
5	Asiatic Lion	Teeta	Panthera leo leo	1	-	05.06.2018

B. Animals Going From the Zoo.

Sr.No.	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.

Sr.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(11) }

Part-A

Inventory Report for the Year:

Sr. No.	Animal Name	Scientific name	Opening Stock as on	Births				Acquisition				Disposal				Death				Closing Stock as on							
				M	F	U	T	M	F	U	T	M	F	U	T	M	F	U	T	M	F	U	T				
1	Asiatic Lion	Panthera Leo Persica						2	6	0	8									1	1	0	2	1	5	0	6

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

Part - B

Other than Endangered Species

Sr. No.	Animal Name	Scientific name	Opening Stock as on	Births				Acquisition				Disposal				Death				Closing Stock as on							
				M	F	U	T	M	F	U	T	M	F	U	T	M	F	U	T	M	F	U	T				

27. Mortality of animals at Ambardi safari park during 01.04.2018 to 31.03.2019

Sr. No.	Animal Name	Scientific Name	Sex	No.	Date	Cause of Death
1.	Asiatic Lion (Ambalika)	<i>Pantheraleopersica</i>	Female	1	01.09.2018	Death might be due to Respiratory and Renal failure.
2.	Asiatic Lion (Gyan)	<i>Pantheraleopersica</i>	Male	1	07.01.2019	Death might be due to Shock because of Renal failure with Respiratory failure.

28. Compliance with conditions stipulated by the Central Zoo Authority. The condition stipulated by the Central Zoo Authority has been complied by The PCCF, Wildlife, Gujarat State, Gandhinagar by letter No. WLP/26/A/641-642/2018-19 dated 20/09/2018

Sr.No.	Norm No.under RZR,2009	Condition Stipulated.	Time Period to Comply.	Since When Pending.	Status with Regard to Compliance Of the Conditions.



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

A. Mammals

B. Birds

C. Reptiles

(A) Mammals:

- (1) Chinkara
- (2) Spotted Deer
- (3) Nilgai

(B) Birds:

- (1) Ababil
- (2) Peacock.
- (3) Bulbul
- (4) King Vulture.
- (5) Raptors
- (6) Grey francolin
- (7) Spotted dove
- (8) Loughing Dove
- (9) Iora
- (10) Barbets

(C) Reptiles:

- (1) Spectacle Cobra.
- (2) Rat Sanke
- (3) Python
- (4) Monitor lizard

