

Manikdoh Leopard Rescue Centre

At/Post – Khamgaon Colony, Tal – Junnar Dist – Pune

Pin – 410502 (Maharashtra)

Annual Report for the year

2018-19



महाराष्ट्र वन विभाग

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1. Report of the Officer-in-charge

A. Junnar Forest Department

Mr. Ajit Shinde,
Range Forest Officer, Junnar
Junnar Forest Department, Junnar, Dist- Pune, Maharashtra (410502)
E-mail- rfojunnar22@gmail.com

B. Wildlife SOS, New Delhi

Dr. Ajay Deshmukh
Senior Veterinary Officer, Wildlife SOS,
Manikdoh Leopard Rescue Centre, Junnar, Dist- Pune, Maharashtra
(410502)
E-mail- ajay@wildlifesos.org

2. History of the Rescue Centre

Manikdoh Leopard Rescue Centre is a project which was started by the Maharashtra Forest Department in 2001 when the man-leopard conflict and the leopard “menace” was at its peak. Several leopard (*Panthera pardus*) were caught from the adjacent areas of ahamadnagar ,Nashik and many were caught in Junnar division itself by the forest department.

In December 2007 at MOU was signed between Wildlife SOS and the Maharashtra Forest Department wherein Wildlife SOS was given the responsibility to provide technical assistance and lifetime care for the leopards housed at the facility. Wildlife SOS would also ensure timely veterinary facilities for the leopards and would be involved in rescuing leopards in distress with assistance from the forest department.

3. Vision

The price vision of the rescue centre was to house these rescued leopards who were in considerable distress in trap cages/transit cages for long periods. Some of these leopards, only required medical aid and were consequently medicated and then released back in the wild.

4. **Mission**

The Mission of Manikdoh Leopard Rescue Centre to establish protocol to reduce man-leopard conflict around conflicted nearby area and distress animals which are injured or accidental caught in emergencies situation.

5. **Objective**

Manikdoh Leopard Rescue Centre objectives are:

- To Rescue leopards in distress and where possible rehabilitate them back in wild
- To house and treat injured leopards and provide best medication for the leopards which can then be released back in wild
- To house and treat leopards which for various reasons cannot be released in the wild and required life time care
- Raise general public awareness about leopard conservation through various educational programmes to educate the public and teach a way to co-exist with leopards in the wild
- Promote and develop scientific research both veterinary and behavioural , which will help us understand the complex nature of the species

6. About us

S.No.	Particulars	Information
Basic Information about the Rescue Centre		
1	Name of the Rescue Centre	Manikdoh Leopard Rescue Centre
2	Year of Establishment	2002
3	Address of the Rescue Centre	Manikdoh Leopard Rescue Centre At/Post – Khamgaon Colony, Tal -Junnar ,Dist Pune ,410502
4	State	Maharashtra
5	Telephone Number	02132222063
6	Fax Number	02132222063
7	E-mail address	forestdn@gmail.com
8	Website	www.mahaforest.com www.wildlifesos.org
9	Distance from nearest	Airport: 85 km

S.No.	Particulars	Information
		Railway Station:90 km Bus Stand: 7km
10	Recognition Valid up to (Date)	27/09/2019
11	Area (in Hectares)	4.38 Ha.
Management Personnel of the Rescue Centre		
12	Name with designation of the Officer in-charge	1. Mr. Ajit Shinde, Range Forest . Officer, JunnarJunnar Forest . Department E-mail- rfojunnar22@gmail.com 2. Dr. Ajay Deshmukh, Veterinary Officer, Manikdoh Leopard Rescue Centre, Junnar.E-mail- ajay@wildlifesos.org
	Name of the Veterinary Officer	Dr. Ajay B Deshmukh
	Name of the Curator	-
	Name of the Biologist	-
	Name of the Compounder/ Lab Assistant	Mr. Mahendra B Dhore
Owner / Operator of the Rescue Centre		
13	*Name of the Operator	Maharashtra Forest Department, Junnar
14	Address of the Operator	Junnar Forest Division, Near Tahasil Office Junnar, Tal - Junnar , Dist – Pune 410502 Maharashtra.
15	Contact details/Phone number of Operator	02132222063
16	E-mail address of Operator	junnarforestdn@gmail.com

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

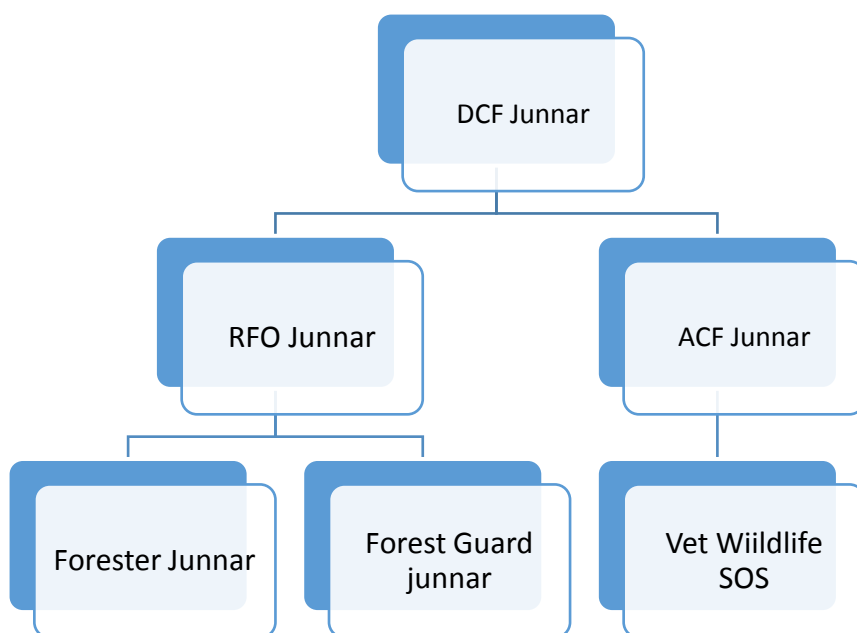
“Zoo Operator” means the person who has ultimate control over the affairs of the zoos provided that_____

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. Organizational Chart of the Rescue Centre



8. Human Resources deployment for management of Rescue Centre(Officer in-charge to Animal Keeper - Sanctioned posts, in-position and vacant posts)

Human Resources of the Rescue Centre*

Sl.No.	Designation	Number of Sanctioned Posts	Names of the incumbent
1	RFO Junnar	1	Maharashtra Forest Department
2	Forester Junnar	1	Maharashtra Forest Department
3	Forest Guard	1	Maharashtra Forest Department
4	Security Guard	4	Maharashtra Forest Department
5	Veterinary Officer(Wildlife SOS)	1	Wildlife SOS, New Delhi
6	Veterinary Assistant (Wildlife SOS)	1	Wildlife SOS, New Delhi
7	Animal Keeper (Wildlife SOS)	5	Wildlife SOS, New Delhi
8	Photographer (Wildlife SOS)	1	Wildlife SOS, New Delhi

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

9. Capacity Building of Rescue Centre personnel

Sl.No.	Name and designation of the Rescue Centre personnel	Subject matter of Training	Period of Training	Name of the Institution where the Training attended
1	Dr. Ajay Deshmukh Senior Veterinary Officer	Workshop on wildlife rescue and tranquilization techniques	07/08/2018	Van-Bhavan, Pune Forest Department, Pune
2	Mr. Mahendra Dhore Veterinary assistant	Workshop on wildlife rescue and tranquilization techniques	07/08/2018	Van-Bhavan, Pune Forest Department, Pune
3	Dr. Ajay Deshmukh Senior Veterinary Officer	Workshop on Management of zoos, rescue centres and safaris.	18/3/2019 to 19/3/2019	Sanjay Gandhi National Park by The Zoo Authority of Maharashtra

10. Rescue Centre Advisory Committee –

a. Date of constitution – 15/05/2017

b. Members .

1. DCF Junnar – Chairman
2. ACF Junnar – Member
3. RFO Junnar – Member Secretary
4. Senior Vet (Wildlife SOS) – Member
5. Live Stock Development Officer Grade – I - Member
6. Hon. Wildlife Warden - Member

c. Dates on which Meetings held during the year - 08/02/2019

11. Health Advisory Committee of the Rescue Centre –

a. Date of constitution -15/05/2017

b. Members

1. ACF Junnar– Chairman
2. RFO Junnar – Member Secretary
3. Senior Vet (Wildlife SOS) – Member
4. Vet (Wildlife SOS) - Member
5. Live Stock Development Officer Grade – I - Member

a. Dates on which Meetings held during the year - 28/03/2019

12. Statement of income and expenditure of the Rescue Centre

Sr. No.	Year	Name of Work	Sanctioned Grants (In Lakhs)	Expenditure done (In Lakhs)	Remarks
1	2018-19	Construction of hospital for wildlife	304.15	304.15	
		Expansion of old cages			
		Compunt wall and colour coated GI Root			
		Pipeline and gutter			
		Sintex tank and MS Stand			
		CCTV camera			
		Toilets			
		Compound wall RCC Pipe Gutter works	8.25	8.25	
		Total 2018-19	312.4	312.4	

Wildlife SOS, New Delhi Organisation expenditure on Daily maintenance and technical support of Leopard Rescue Centre.

13. Daily Feed Schedule of animals

Sl.No.	Species	Feed item	Quantity		Day of fasting
			Winter	Summer	
1	Leopard	Chicken	2.5 to 3 kg	2.5 to 3 kg	Weekly 2 Day Monday & Thursday

14. Vaccination Schedule of animals

Sl.No.	Species	Disease vaccinated for	Name of the Vaccine and dosage/ quantity used	Periodicity	Remarks
1	Leopard	Rabies	Anti-rabies 1MI	1 Year	

15. De-worming Schedule of animals

Sl.No.	Species	Drug used	Month
1	Leopard	Bandystar / wormstopTab	6 Month

16. Disinfection Schedule

Sl.No.	Species	Type of enclosure	Disinfectant used and method	Frequency of disinfection
1	Leopard	Feeding cage, Open paddock and squeeze cage	Liq .Kohrsoline	Every 15 Day

17. Health Check-up of employees for zoonotic diseases

Sr. No.	Name	Designation	Date of Health Check up	Findings of Health Check up
1	Dr. Ajay Deshmukh	Vet Officer	24.3.2019	Normal
2	Mr. Mahendra Dhore	Vet Assistant	24.3.2019	Normal
3	Mr. Dilip Deshpande	Animal keeper	24.3.2019	Normal
4	Mr. Shivaji Modhe	Animal Keeper	24.3.2019	Normal
5	Mr. Vaibhav Neharkar	Animal Keeper	24.3.2019	Normal
6	Mr. Salim Shaik	Animal Keeper	24.3.2019	Normal
7	Mr. Balu Mundhe	Animal Keeper	24.3.2019	Normal
8	Mr. Akash Dolas	Photographer	24.3.2019	Normal
9	Mr. Dhondu Kokane	Forest Dep. Security	24.3.2019	Normal
10	Mr. Pandu Mundhe	Forest Dep. Security	24.3.2019	Normal
11.	Mr. Sandip Jadhav	Forest Dep. Security	24.3.2019	Normal
12.	Mr. Sudhir Modhe	Forest Dep. Security	24.3.2019	Normal

18. Development Works carried out in the Rescue Centre during the year

1. In Process - Five Day and Night Cage at Rescue Centre are under construction.
2. In Process- Veterinary Hospital at rescue centre is under construction.
3. In process- Tender process completed for the extension of section-1 cages.
4. In process- Tender process completed for construction of feeding room.

19. Important Events and happenings – Attach List

20. Seasonal special arrangements for upkeep of animals –

- 1 Provide Sprinkler on a roof of leopard open enclosure during summer
- 2 Provide Green shed net around leopard enclosure during summer

24. 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 findings
1	Radhika (0006830916)	Panthera pardus	Female	21-06-2018	Closed pyometra (old age)
2	Gul (00061829AF)	Panthera pardus	Female	24-07-2018	Tumor growth attach to liver (old age)
3	Arjun (000658C1C6)	Panthera pardus	Male	26-10-2018	Renal failure (old age)
4	Mahalaxmi (982000410370031)	Panthera pardus	female	18-3-2019	Fungal growth attach to liver and intestine

25. 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
1	1.General requirements 10.1(2)	The Rescue Centre has failed to maintain the plants that have been planted inside the enclosure . As a result of which many plants have dried up. It should be addressed.	-	-	Now Planted bamboo, Arjun, Siras etc. species inside enclosure Dried plants are removed from enclosures. Complied
2	10.1(2)	The Rescue Centre has failed to provide the newly constructed enclosures with green vegetation efforts should be made to plant tall saplings in these enclosures so the animals should have natural shade in their enclosures.			In newly constructed enclosures tall plants like shisso,bamboo, kashid etc. planted to cover as natural sheds in their enclosures Complied
3	10.1(5)	The Rescue Centre has failed to built 2mts high boundary wall from the ground level on			Complied

		<p>both sides. The boundary wall constructed is not effective at many stretches on the outer side where the level of ground on the outer side of the rescue centre is very less. The human intruders and feral dogs may have easy entry in the campus. One of such points is near the incinerator. The boundary wall should be made effective all along the perimeter of the centre.</p>			
4	10.1(6)	<p>The Feed Store of the Rescue centre and the security hut is being used for residential purpose. In the feed store. The washed personal clothes including male inner wear were spread in the bathroom for drying. The Tv ,utensils. Gas-burner with cylinders, bed with mattresses, and daily use items like tooth brush ,tooth paste etc were kept. The staff admitted that it is being used for night time stay by them. Similarly the security Hut was having bed with mattress. The Rescue Centre premises should not be used for residential purposes.</p>			Complied
5	10.1(7)	<p>There should be environment friendly proper liquid and solid waste disposal in the Rescue Centre. The present arrangement of placing solid wastes including leftover food and bones in the pits is not hygienic . It should be stopped forthwith</p>			<p>For the leftover liquid and solid waste disposal prepared 6 x6x6 feet pit and that pit was covered with lead and spraying of disinfectant Complied</p>
6	10.1(7)	<p>The burning of leaves and litter within the Rescue Centre is</p>			Instruction issued to concerned staff

		being practised it was observed at a number of places and even near the animal enclosures also. It should be stopped forthwith			to avoid such type of activity immediately. Compiled
7.	2. Administrative And Staffing Pattern 10.2(2)	The Rescue Centre is housing endangered species of animals. As per provision to the rule 9(2) of the Recognition of Zoo Rules, 2009 it should deploy veterinarian and supervisory level staff to take care of the feed and upkeep of the animals There is no qualified supervisory level staff the curator and Biologist in the Rescue Centre They should be deployed immediately			Veterinarian is deployed by Wildlife SOS NGO as full time incharge of rescue centre. we are taking help Supervisory work done by Wildlife SoS employee Mr. Mahendra Dhore and Dr. Ashok Dhindale (Livestock Dev. Officer Grade-I) At-DingoreTal. Junnar visit to MLRC as Biologist.
8.	10.3(8)	The Rescue Centre has accepted rescued leopards. The RC should have submitted a report immediately and regularly to the CWLW of the state, with information regarding the source from which the animals has been received. legality of its acquisition and location But it has not been complied it should be complied with immediate effect			We will compile this issue within 3 months of period. Letter to CCF(T) Pune this office letter No. B/D-4/WL/5/2019-20 Date - 23.5.2019
9.	10.3(8)	In case the rescued animals is be housed the facilities available at the RC for housing, upkeep and healthcare should be informed to the CWLW of the state. The Rescue			We will compile this issue within 3 months of period

		Centre is for leopards which is an endangered species However, The CZA has not been informed about the rescue and housing of the leopards in a single case till date It should be complied with			
10	10.3(8)	The Rescue Centre should have obtained permission of the Chief Wildlife Warden for release of the rescued animals in the wild. The healthy animals should be released in the wild habitat. The problematic leopards and the leopards which may not be released in the wild due to health reasons. should only be kept in the Rescue Centre. The CWLW should issue a certificate stating the reasons why the animal cannot be released in the wild. only these animals should be kept in captivity for life time care. it should be complied with immediately			The Problematic leopards and leopards which may not be released in wild due to health reasons are kept in rescue centre. Certificate stating reasons of CWLW will be submitted in due course for that followup will taken from this office
11	4. Animals housing ,Display of animals and animal enclosures 10.4(1)	The newly constructed enclosures should be made into nature immersing enclosures			Compiled
12	10.4(1)	The paddock and feeding cell in all units should have kuccha ramp for animals to climb			Compiled
13	10.4(2)	The animal paddock are exposed to sun and does not have adequate shelter it should be provided with sufficient			Compiled

		shelter for animals			
14	10.4(2)	The Rescue Centre has failed to house animals within its holding capacity			Compiled
15	10.4(3)	The Enrichment efforts such as logs and wooden platforms in the paddock area have not been maintained properly. There were thick iron nails protruding on a number of wooden platforms that may cause injury to the animals it should be addressed properly			Compiled
16	10.4(8)	The animal paddock does not have any water pool or trough. Lookin into the extreme summers in maharashtra an adequate size pool with water should be provided			Compiled
17	10.4(8)	The construction of the Cub Cage in Section - 1 of the Rescue Centre for leopard has been carried out without approval of the CZA It is not as per the design standards and norms prescribed by the CZA. The directive of the CZA given on 9.4.2013 has been violated. The personnel responsible for this violation should explain why action should not be taken against him			As per design, standards & norms prescribed by CZA necessary alteration will be done within 3 months . We will take your permission for construction in future.
18	10.5(1)	The grills and floor of the feeding cells are not being cleaned properly the feeding cells and the grills of the			Complied

		<p>night shelter was having very old stuck to the grills. There were cobwebs inside the animal cells and night shelters. It should be addressed properly.</p>			
19	10.5(1)	<p>The outdoor areas of all animal houses are not being cleaned at all. The old scats of the leopards were strewn at many places in the outdoor area of the enclosures. The weed growth and old fallen leaves have not been removed from the outdoor enclosure it appears that the outdoor enclosure area is not being cleaned even once in a year It Should be addressed properly</p>			Complied
20	10.5(2)	<p>The feed being received daily is being supplied to the animals directly . There is no functional storage facility. There should be proper storage facility.</p>			Complied. In process to construction] Tender process complete.
21	10.5(2)	<p>The Rescue Centre has Failed to provide proper meat house</p>			Complied. Tender process complete
22	10.5(2)	<p>The meat handlers should change into a clean and disinfected boots and coveralls</p>			Complied
23	10.5(2)	<p>The Meat handlers should use clean gloves when handling the meat</p>			Complied
24	10.5(2)	<p>The Keepers should use clean gloves when they handle the meat prior to feeding</p>			Complied
25	10.5(2)	<p>The feeding cells and kraals are not</p>			Complied

		being cleaned properly. The feathers of the chickens were found in the kraals, along the sides of the water bowl and iron channels. These were very old were observed because of lack of proper cleaning . It should be addressed properly			
26	10.5(2)	There should be Deep Freezer for storage of meat			Complied
27	10.5(3)	It has been observed that number of animals showing positive for parasiticload after deworming has not been dewormed once again to make it free from parastic loads. It should be addressed properly			Complied
28.	10.5(3)	A leopard named Bhima died in the Rescue Centre on 11.10.2014 It was found that the cause of death was bebeiosis. However , no attempts were made to ascertain the reasons for this and the preventive measures were not taken afterwards to make the animals safe and secure form it			After death of Bhima because of babesiosis preventive measures taken there fore no leopard death after ever. Now preventive measure regular attempt Complied
29	10.5(5)	The left over bones and feathers of chicken should be cleaned regulary from the animals paddocks			Complied
30	10.5(10)	The Rescue Centre Operrator should maintain all the Records(animal acquisition, deaths, disposal, post mortem, daily report, keeper diary			Complied

		individual animals history sheet etc in the prescribed formate of CZA			
31	6. Veterinary and infrastructure facilities 10.6(1)	Veterinary unit treatment room, post mortem room quarantine and isolation wards be constructed immediately. It hasnot been complied in spite of the CZA 9.4.2013			Hospital construction started.
32	10.6(1)	The Rescue Centre is housing leopardsan endangered animals however there is no Threatment room in spite of the CZA directive since 9.4.2013 it should be complied			In process to construction.
33	10.6(1)	There Should be suitable and appropriately designed holding facilities for animals requiring extensive medical care			In process to construction.
34	10.6(1)	The veterinary facilities should have a separate area/room for equipment cleaning and sterilization			In process to construction.
35	10.6(1)	The Rescue Centre Should have basic surgery instuments			Complied
36	10.6(1)	As informed by the veterinarian of the Rescue Centre that the surgery on animals is being done in the open area in the Rescue Centre since there is no operation Theatre in the Centre It should be stopped immediately			Complied
37	10.6(1)	The firdge for storage of medicines is being used to store human consu- mption items such as sprite soft drinks and mineral waters, It should be stopped with immediate effect			Complied
38	10.6(1)	The Rescue Centre has failed to have qualified and trained			Presently qualified

		manpower to operate the diagnostic equipments At present there is no such manpower			veterinarian and assistant veterinarian to operate diagnostic equipment. Compiled
39	10.6.(3)	The Rescue Centre is housing leopards an endangered animal Therefore there should be veterinary support staff			Complied
40	7 Post - Mortem and disposal of carcasses of animals 10.7(1)	The PM Room is being constructed it should be made functional immediately			Complied
41	10.7(4)	The animals are disposed by burning in the open causing adverse impact on the hygiene and cleanliness of the zoo . All carcasses should be burnt in an incinerator			Complied
42	Research Activites 10.10(1)	A scientific paper has been written by the personnel of the wildlife SOS NGO for which samples has been collected from the captive animals by the veterinarians. However on permission from any of the competent authority has been obtained for the collection of samples of the animals for the study purpose . They should explain the same			None of the animals were sampled solely for the purpose of this study . The study was carried out by compiling and analyzing available haemato - biochemical test reports, carried out as part of routine health evaluations in the study sites.

**Deputy Conservator of Forest,
Junnar Forest Division Junnar**