

MINI ZOO RIWALSAR

ANNUAL REPORT 2022-2023



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

1. **Report of the Officer-in-charge:**

**Divisional Forest Officer,
Wild Life Division, Kullu**

2. **History of the Zoo:-**

Rewalsar Mini Zoo spreading over an area of 4 hac, is one of the centre of attraction for visitors and Nature lovers in Rewalsar. Established in April 1983, it served as main rescue centre for injured or accidentally caught animals from surrounding areas. The Mini Zoo is recognized by Central Zoo Authority, MoEF& CC, Govt. of India. At present, this Zoo harbors and displays species like Barking Deer, Sambar, Goral, Spotted deer, Himalayan Black Bear, Porcupine.

3. **Vision:**

The zoo will have healthy animals in naturalistic enclosures in presence of Competent staff to handle them and also with good educational and interpretative facilities.

4. **Mission :**

To offer excellent public service, recreation, and to provide eco- awareness to Public. To encourage the people to develop a caring attitude towards wild animals.

5. **Objective:**

- (1) To create awareness about Nature and Wild Life Conservation, recreation and knowledge of Wild Life through study of animal behavior.
- (2) To exhibit the Wild animals in an environment as close as possible to their natural one with opportunity to the visitors also to watch them in similar natural conditions.
- (3) The main objective is to conserve wild animals and to impart conservation education and awareness about the wild animals of the region.
- (4) To exhibit the Wild animals in such a way so as to provide them an environment as close as possible to their natural one and extending an opportunity to the visitors also to watch them in similar natural conditions.
- (5) To provide required recreation and entertainment facilities to the visitors.
- (6) To provide opportunities of research to students on the animal ecology, behavior and disease etc.

6. **About us**

S. No.	Particulars	Information
Basic Information about the Zoo		
1	Name of the Zoo	Mini Zoo, Rewalsar
2	Year of Establishment	April, 1983
3	Address of the Zoo	Mini Zoo Rewalsar, Teh. Balh, Distt. Mandi, HP.
4	State	Himachal Pradesh.
5	Telephone Number	01902-222276.
6	Fax Number	01902-222276.
7	E-mail address	dfowlkul-hp@nic.in

S. No.	Particulars	Information	
8	Website	-	
9	Distance from nearest	By Air: <ul style="list-style-type: none"> 95 km. from nearest Kullu-Manali Airport, Bhunter. 	
		By Railway : <ul style="list-style-type: none"> 55 Km. from nearest Railway station Joginder Nagar. 	
		By Bus : <ul style="list-style-type: none"> Sundernagar to Rewalsar 30 Km. Mandi to Rewalsar 26 Km. 	
10	Recognition Valid up to (Date)		
11	Category of zoo	Mini Zoo	
12	Area (in Hectares)	4 ha.	
13	Number of Visitors (Financial Year)	Adult :	28016
		Children :	3542
		Total Indian :	31558
		Total Foreigners :	
		Total Visitors:	31558
14	Visitors' Facilities Available in Zoo	<ul style="list-style-type: none"> Limited Parking available Ticket Window, Drinking Water & Toilets facility Resting places Signage's, information Centre and Souvenir Shop 	
15	Weekly Closure Day of the Zoo	Monday	
Management Personnel of the zoo			
16	Name with designation of the Officer in-charge	Smt. L.C bandana, DFO, WL, Kullu.	
	Name of the Veterinary Officer	Veterinary officer has not been posted specifically for mini Zoo however , Dr. Subermanium Thakur Veterinary Officer, Monkey Sterilization Centre, Slappar at Dhanog visits the Zoo from time to time for routine checkup of animals.	
	Name of the Curator	NA	
	Name of the Biologist	NA	
	Name of the Education Officer	NA	
	Name of the Compounder/ Lab Assistant	No Veterinary Compounder/ Lab Assistant has been provided for Mini Zoo Rewalsar. Sh. Chaman Lal, Pharmacist, posted in Monkey Sterilization Centre, Slappar at Dhanog assists veterinary Doctor.	
Owner / Operator of the Zoo			
17	*Name of the Operator	Addl. Chief Secretary (Forests) to the Govt. of HP.	

S. No.	Particulars	Information
18	Address of the Operator	Addl. Chief Secretary (Forests) to the Govt. of HP. Shimla, Distt. Shimla HP-171002.
19	Contact details/Phone number of Operator	0177-2622383 Fax-0177-2621154
20	E-mail address of Operator	forestsect-hp@nic.in

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

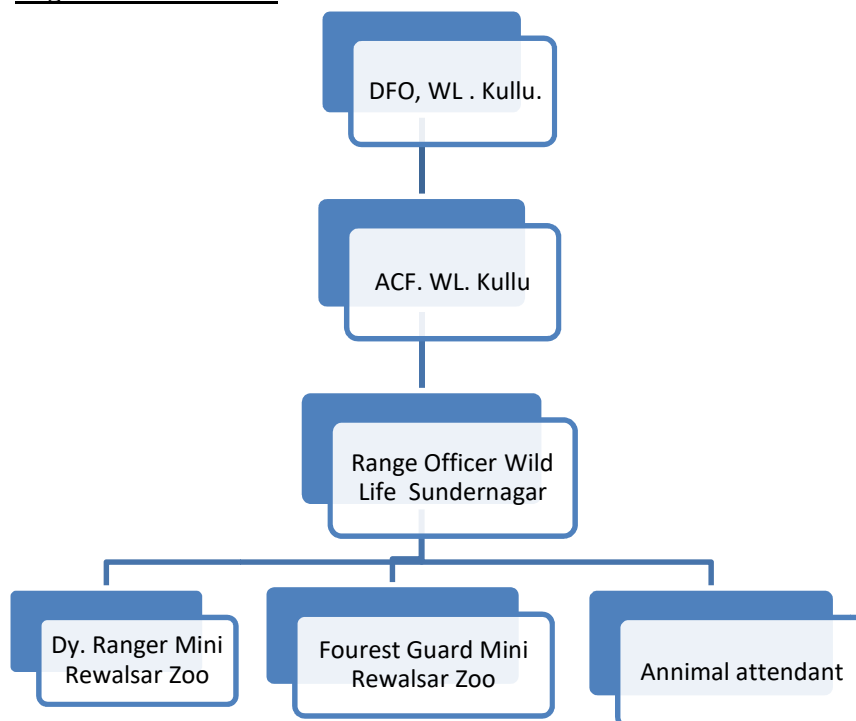
“Zoo Operator” means the person who has ultimate control over the affairs of the zoos provided that _____

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.

7. Organizational Chart :



8. **Human Resources:**

Manpower of the Zoo*

Sl.No.	Designation	Number of Sanctioned Posts	Names of the incumbent
1	DFO	1	Smt. L.C bandana
2	Range Officer	1	Sh. Jagdish Jagta
3	Block Officer,	1	Sh. Uma Kant
4	Forest Guard	1	Mr. Ajay Thakur
5	Animal Attendant	2	i. Sh. Raj Kumar ii. Sh. Devinder Kumar
6	chowkidhar	1	1. Sh. Chinta Mani

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

9. **Capacity Building of zoo personnel:**

Sr.No.	Name and designation of the zoo personnel	Subject matter of Training	Period of Training	Name of the Institution where the Training attended
1	1. Raj Kumar (Animal attendant) 2. Devender Kumar (Animal attendant)	-regional capacity enhancement	3days (13march to 15 march)	National zoological park new Delhi

10. Zoo Advisory Committee **No Zoo Advisory Committee has been constituted for Mini Zoo Rewalsar.**

- a. **Date of constitution** -
- b. **Members** -
- c. **Dates on which Meetings held during the year**

11. Health Advisory Committee: **No Health Advisory Committee has been constituted for Mini Zoo Rewalsar.**

- a. **Date of constitution** -
- b. **Members** -
- c. **Dates on which Meetings held during the year.** -

12.Statement of income and expenditure of the Zoo :

Statement of income and expenditure of the Zoo is as under:-

I. Income from Zoo during year: 2022-2023

Entry fee collected from the Visitors:		
Sr. No.	Visitors	No. of visitors
i)	Children	3542
ii)	Adults	28016
iii)	Foreigner	
Total Visitors		31558
Total Visitors Income		595740.00
Total Income Souvenir Shop		40055.00
Grant Total Income of Mini Zoo Rewalsar		635795.00

12.a.Expenditure statement of Mini Zoo Rewalsar for the year 2022-23

S.NO	NAME OF WORK	AMOUNT
1	Godwon articles	100000.00
2	Const. of dry stone check dam	90000.00
3	Annual health care of zoo staff	50000.00
4	Water supply for aviary	90000.00
5	construction of drain along road from main gate to post mortem room	100000.00
6	MAINT. OF F.GD HUT DURING AT MINI ZOO REWALSAR	60000.00
7	C/O DRAIN AT AVAIRY	100000.00
8	SPECIES SPECIFIC ENRICHMENT OF ENCLOSURE	100000.000
9	Laying of paver tiles in front of lawn	200000.00
10	Construction of damaged boundary wall(amount of discretionary D.F.O/CCF (w/L)	500000.00
11	Painting of boundary wall at mini zoo rewalsar	100000.00
12	Repair / maint. Of electricity at mini zoo Rewalsar	100000.00
13	Signages board	50000.00
14	Repair of visitor path from ticket window to aviary	200000.00
15	Conts. Of breast wall in aviary and f.gd hut	500000.00
16	Const. of wall in aviary no.3	500000.00
17	Completion of visitor path and railing	300000.00
18	Const. of stand of barrier at avairy	200000.00
19	Repair of upper side present Sambar enclosure interlink chain fencing	500000.00
20	Const. of check dam in Siyar nala	200000.00

21	Day to day maint. of existing enclosure	250000.00
	Total	5190000.00

13. Daily feeding Schedule of animals:

S.No	Species	Feed item	Quantity		Day of fasting
			Winter	Summer	
1	Spotted Deer	Green Tree Leaves	5.00Kg Each	5.00Kg Each	
		Cattle Feed	0.500kg each	0.500kg each	
		Choker	0.100kg each	0.100kg each	
		Salt	0.025kg each	0.025kg each	
2	Barking Deer	Green Tree Leaves	3.00kg each	3.00kg each	
		Cattle Feed	0.400kg each	0.400kg each	
		Choker	0.100kg each	0.100kg each	
		Salt	0.025kg each	0.025kg each	
3	Sambar	Green Tree Leaves	7.00kg each	7.00kg each	
		Cattle Feed	1.500kg each	1.500kg each	
		Choker	0.200kg each	0.200kg each	
		Salt	0.025kg each	0.025kg each	
4	Goral	Green Tree Leaves	3.00kg each	3.00kg each	
		Cattle Feed	0.400kg each	0.400kg each	
		Choker	0.100kg each	0.100kg each	
		Salt	0.025kg each	0.025kg each	
5	Black Bear	Wheat	1.00kg each	1.00kg each	
		Maize	1.00kg each	1.00kg each	
		Green Vegetables	0.500kg each	0.500kg each	
		Ground Nuts	0.200kg each	0.200kg each	
6	Indian Porcupine	Potato	0.500kg each	0.500kg each	
		Ground Nuts	0.050kg each	0.050kg each	
		Black Gram	0.050kg each	0.050kg each	
		Green Vegetables	0.100kg each	0.100kg each	

14. **Vaccination Schedule of animals:**

S.No.	Species	Disease vaccinated for	Name of the Vaccine and dosage/ quantity used	Periodicity	Remarks
No Vaccination schedule has been prepared for Mini Zoo Rewalsar,.					

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

Sr. No.	Species	Drug used	Month
De-worming Schedule has been prepared for Mini Zoo Rewalsar by MSC Veterinarian after fecal examination of Zoo animals as recommended. The De-worming of Animals is done from time to time by Veterinary Officer of MSC, Slappar as per schedule.			

16. **Disinfection Schedule:**

Sr. No.	Species	Type of enclosure	Disinfectant used and method	Frequency of disinfection
Regular disinfection of the enclosures is done by using disinfectant other than phenyl.				

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

Sr. No.	Name	Designation	Date of Health Check up	Findings of Health Check up
All zoo staff vaccinated by rabies vaccination				

18. Development Works carried out in the zoo during the year 2022-23 are shown below:

Name of work: c/o dry stone check dam in Sambar enclosure at mini zoo Rewalsar during 2022-23



Before



AFTER

Water supply for aviary



BEFORE



AFTER

construction of drain along road from main gate to post mortem room at Mini Zoo Rewalsar in



BEFORE



AFTER

MAINT. OF F.GD HUT DURING AT MINI ZOO REWALSAR



BEFORE



AFTER

C/O DRAIN AT AVAIRY



BEFORE



AFTER

(SPECIES SPECIFIC ENRICHMENT OF ENCLOSURE)



BEFORE



AFTER

SPECIES SPECIFIC ENRICHMENT OF VARIOUS ENCLOSURE





Laying of paver tiles in front of lawn



Before



After

Construction of damaged boundary wall(amount of discretionary D.F.O/CCF (w/L)



Before



During



After

Painting of boundary wall at mini zoo rewalsar



Before



After

Repair / maint. Of electricity at mini zoo rewalsar



Before





Before



After

Sinages board



Before





After

Repair of visitor path from ticket window to aviary



Before



After

Const. of breast wall in aviary and fgd hut



Before



After

19. Education and Awareness programme during the year: Awarness workshops conducted for public

20. Important Events and happenings: Nil

21. Seasonal special arrangements for upkeep of animals: Nil

22. Research Work carried out and publications: **No Research work has been carried out during the year 2022-2023.**

23. Conservation Breeding Programme of the Zoo: **No Conservation Breeding Programme is going on in the Zoo.**

24. Animal acquisition / transfer / exchange during the year 2022-2023

A. Animals arriving in the Zoo					
H.NO.	Species	Number (M:F)	From which Zoo	Date of arrival in the zoo	
	Red jungle fowl	(2:2)	Sh. Renuka ji mini zoo	01-10-2022	
	Spotted deer	(1:1)	Rohtak zoo	08-01-2023	
B. Animals going from the zoo					
H.NO.	Species	Number (M:F)	Going to which Zoo	Date of deposition from the zoo	
Nil	Nil	Nil	Nil	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

26. Annual inventory of animals

Form-II

(see rule 11(1))

Part-b

Inventory report for the year

Sr. no.	Animal name	Scientific name	Opening stock				Birth			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
Schedule II.			M	F	U	T	M	F	U	M	F	U	M	F	U	M	F	U	M	F	U	T
1	Himalayan black bear	Ursus thibetanus	3			3									1			2				2
*Animals under Schedule I and Schedule II of the WildLife(Protection) Act 1972		Total animals schedule II																				
Schedule III			M	F	U	T	M	F	U	M	F	U	M	F	U	M	F	U	M	F	U	T
1	Barking deer	Muntiacus muntjak	2	4	6	12			2	1					1			7	5	2	14	
2	Sambar deer	Rusa unicolor	5	19	6	30			4	1					1	5	3	5	17	4	26	
3	Spotted deer	Axis Axis	1			1			1	1					1	1		1			1	
4	Himalyan goral	Naemorhedus goral	2			2												2			2	
Total animal schedule III			10	23	12	45			6	3	1				3	6	3	15	22	6	43	
Schedule IV.																						
1	Indian porcupine	Hystrix Indica	1			1												1			1	
2	Red jungle fowl	Gallus Gallus	0	0	0	0			2	2	2					1		2	1	2	5	
G. total of schedule II,III&IV.			14	23	12	49			8	5	3				4	7	3	20	23	8	51	

27. Mortality of animals

Sr. 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	Sambar	<i>Rusa unicolor</i>	Young	17-04-2022	one young sambar died on 17/04/2022 due to cardio vascular failure
			Female	19-09-2022	one female sambar died on 19/09/2022 due to septic shock
			young	12-11-2022	one number young sambar died on 12/11/2022 due to respiratory failure
			female	24-11-2022	one number adult female sambar died on 24/11/2022 due to respiratory failure
			female	18-12-2022	one old age female sambar died on 18/12/2022 due to multiple organ failure
			female	07-01-2023	one female sambar died on 07-01-2023 due to septic shock
			kid	21-01-2023	one sambar kid died on 21/01/2023 due to pneumonia
			female	12-02-2023	one female sambar died on 12/02/2023 due to respiratory failure
			Male (rescued)	17-02-2023	A rescued heavy leg injured male sambar died on dated 17-02-2023 due to septicaemia (antlers attached)
2	Barking deer	<i>Muntiacus muntjak</i>	male	11-11-2022	one number male barking deer died on 11/11/2022 due to hypovolemic shock
3	Red jungle fowl	<i>Gallus gallus</i>	female	12-10-2022	one female red jungle fowl died on 12-10-2022 due to head trauma severity
4	Kalij(rescued)	<i>Lophura leucomelanos</i>	male	08-11-2022	one number rescued injure kalij died on 08/11/2022 due to entritis
			male	12-11-2022	one number rescued kalij died on 12/11/2022 due to septic shock
5	Himalyan black bear	<i>Ursus thibetanus</i>	male	01-12-2022	one adult male himalyan black bear died on 01/12/2022 due to septic shock
6	Spotted deer	<i>Axis Axis</i>	male	24-01-2023	one male spotted deer found dead on dated 24-01-2023 due to respiratory failure(antlers attached)
			female	08-01-2023	one female spotted deer found dead on dated 08-01-2023 in morning due to hypovolemic shock

28. Status of the 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
-	-	Most of the conditions stipulated has been complied and rest are being complied on priority			

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

- a. Mammals- -nil-
- b. ,Mongoose, monkey(rhesus macaque)
- c. Birds - Jungle Babbler, Red Billed Blue Magpie, Russet Sparrow, Red Jungle Fowl, House Sparrow, Common Myna, Spotted Dove, White Throated Kingfisher, White Caped Redstart, whistling Trush Blue,
- d. Reptiles - Common Lizard, chameleons, Goh

Yours Sincerely,

Sd/-

Deputy Conservator of Forests,
Wild Life Division, Kullu