

कार्यालय: मण्डलीय वन्य प्राणी अधिकारी, हिसार।
कोठी नं० एफ०-३६, वन विभाग कालोनी, नजदीक मील गेट, हिसार।

फोन एवं फैक्स नं० — 01662-259233, E-mail : dwlohisar@gmail.com, dwlo.hsr-hry@nic.in

क्रमांक 105 दिनांक 22-04-2020

सेवा में,

सदस्य सचिव,
केन्द्रीय चिड़ियाघर प्राधिकरण,
बी-१ विंग छठा तल पंडित दीनदयाल अन्तोदया भवन,
सी०जी०ओ० परिसर, लोधी रोड़,
नई दिल्ली।

विषय : **Submission of statutory Annual Report of the Zoo to the Central Zoo Authority for the Year 2019-20- regarding.**

उपरोक्त विषय के सम्बन्ध में मिनी जू भिवानी की वर्ष 2019-20 (1-4-2019 से 31-3-2020 तक) की Annual Report साथ संलग्न करके आपकी सेवा में आगामी आवश्यक कार्यवाही हेतु प्रेषित है।

संलग्न: यथोपरि।

मण्डलीय वन्य प्राणी अधिकारी, *o/c*
हिसार।

पृष्ठांकन क्रमांक 106-07 दिनांक 22-04-2020

इसकी एक प्रति निम्नलिखित को सूचनार्थ एवं आवश्यक कायवाही हेतु प्रेषित है:-

1. प्रधान मुख्य वन संरक्षक एवं मुख्य वन्य प्राणी वार्डन, हरियाणा, पंचकूला।
2. मुख्य वन संरक्षक (वन्य प्राणी), गुरुग्राम।

मण्डलीय वन्य प्राणी अधिकारी, *o/c*
हिसार।

MINI ZOO, BHIWANI

Annual Report for the year
2019-20

CONTENTS

S.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	2-4
7.	Organizational Chart	4
8.	Human Resources	5
9.	Capacity Building of the zoo personnel	5
10.	Zoo Advisory Committee	5
11.	Health Advisory Committee	5
12.	Statement of income and expenditure of the Zoo	6
13.	Daily feed Schedule of animals	6-7
14.	Vaccination Schedule of animals	8
15.	De-worming Schedule of animals	8

S.No	Section	Page Number
16.	Disinfection Schedule	8
17.	Health Check-up of employees for zoonotic diseases	8
18.	Development Works carried out in the zoo during the year	9
19.	Education and Awareness programmes during the year	9
20.	Important Events and happenings in the zoo	9
21.	Seasonal special arrangements for upkeep of animals	9
22.	Research Work carried out and publications	9
23.	Conservation Breeding Programme of the Zoo	9
24.	Animal acquisition / transfer / exchange during the year	10
25.	Rescue and Rehabilitation of the wild animals carried out by the zoo	10
26.	Annual Inventory of animals	11
27.	Mortality of animals.	11-12
28.	Status of the Compliance with conditions stipulated by the Central Zoo Authority	12
29.	List of free living wild animals within the zoo premises	12

1. Report of the Officer-in-charge

Mini Zoo Bhiwani has an area of 4.44 hect.and displays about 91 animals. This was started in 1982. It is one of the favourite place for the people of Bhiwani. About 98146 visitors visited the zoo 2019-20. The zoo experiences the shortage of the staff and absence of attractive animals like tiger. Further the zoo has limited space. It is surrounded by water tanks, residential colony and Mini secretariat. Bhiwani, as such there is no scope for its expansion.

2. History of the Zoo

Foundation stone of bird aviaries in this zoo was laid by late Ch. Surender Singh, the then Hon'ble Minister for Agriculture & Wildlife Preservation, Govt of Haryana on 16.08.1982. Though, this Zoo was set up in 1982 but because of its poor condition the state Government decided to close it down. Later on with the special efforts by Smt. KiranChoudhry, the then Hon'ble Minister of Forests, Haryana, this zoo was revived by CZA, New Delhi in Sept.2006 and some more enclosures for Bear, Crocodile, Gharial, Hippopotamus, Leopard, Tiger and Deer species were constructed in this zoo under extension program. The total area of this zoo is 4.44 hectare (10.97 acres). At present the animals housed in this zoo are Panther, Himalayan Black bear, Crocodile, Gharial, Fox, Spotted Deer, Sambar, Chinkara, Hippopotamus, Red Jungle Fowl, Cockatiel, Parakeats and etc.

3. Vision

To impart conservation message to the visitors.

4. Mission

To develop amongst visitors an empathy for wild animals and motivate them to support the cause of conservation..

5. Objective

1. To educate and generate awareness among people with a view to develop a healthy relationship between animals and human beings.

2. To educate and motivate the society towards the conservation of wildlife, biodiversity and natural resources.

3. To promote conservation of endangered species through breeding under captive conditions.

4. To create awareness among the general people about our rich fauna & flora hence to develop a healthy relationship between men and animal for maintaining a healthy ecological balance.

6. About us

Sr.No.	Particulars	Information
Basic Information about the Zoo		
1	Name of the Zoo	MINI ZOO, BHIWANI
2	Year of Establishment	1982
3	Address of the Zoo	City Railway Station Road, Near New Mini Sectrt. Bhiwani.
4	State	Haryana

Sr.No.	Particulars	Information
5	Telephone Number	01664-248141, 01662-259233
6	Fax Number	-
7	E-mail address	iwlbhiwani@gmail.com , dwlohisar@gmail.com
8	Website	haryanaforest.gov.in
9	Distance from nearest	Airport: 150 K.M
		Railway Station: 4 K.M
		Bus Stand: 2 K.M
10	Recognition Valid upto (Date)	21, March 2019
11	Category of zoo	Mini Zoo
12	Area (in Hectares)	4.44 hect.
13	Number of Visitors (Financial Year)	Adult :69988
		Children :28158
		Total Indian :98146
		Total Foreigners :0
		Total Visitors:98146
14	Visitors' Facilities Available in Zoo	Water Point, Toilet , Sitting benches
15	Weekly Closure Day of the Zoo	Monday
Management Personnel of the zoo		
16	Name with designation of the Officer in-charge	Sh. Devidayal, Inspector Wildlife
	Name of the Veterinary Officer	Dr.Neha, Veterinary surgeon (On call)

Sr.No.	Particulars	Information
	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	Sh. Alok Nigam, I.A.S, Addl. Chief Secretary
18	Address of the Operator	4th floor, Mini Secretariat, Sect.-17, Chandigarh.
19	Contact details/Phone number of Operator	0172-2711658
20	E-mail address of Operator	fcforest@hry.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 _____

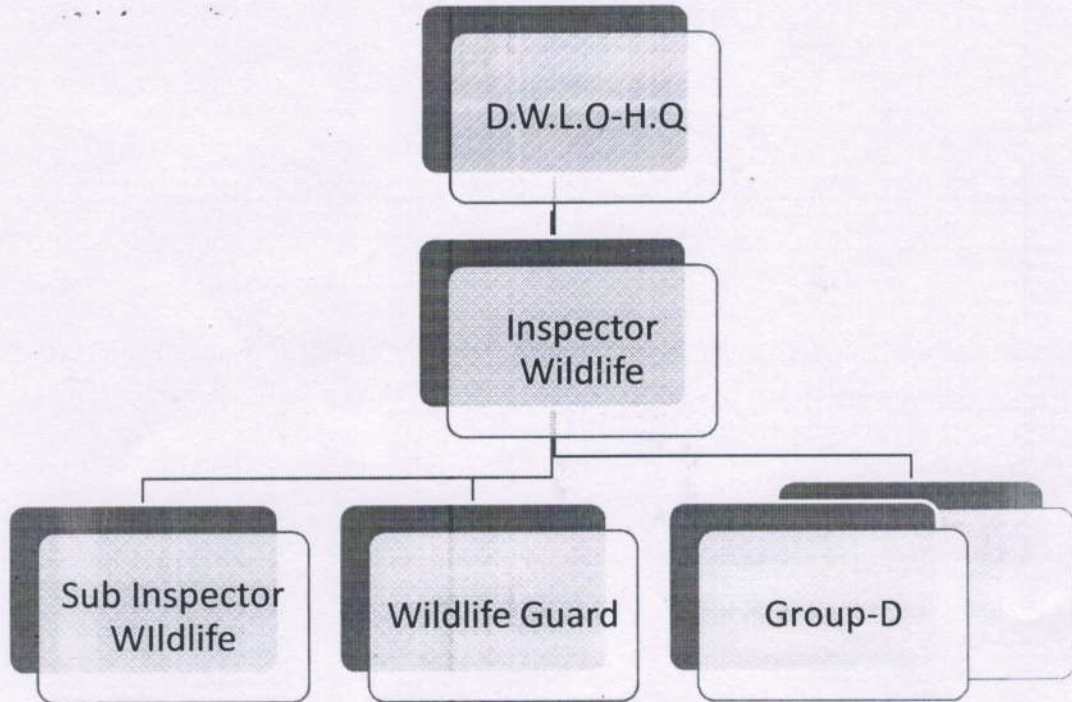
I. in the case of a firm or other association of individuals, any one of the individual partners or members thereof; or

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*

Sr.No.	Designation	Number of Sanctioned Posts	Names of the incumbent
1	Inspector Wildlife	1	Sh. Devidayal
2	Exempted Forester	1	Sh. Dinesh
3	Wildlife Guard	1	1.Sh. Sachin Tyagi 2. Sh. Virbhan
4	Group-D(Labourer)	7	1 Sh. Dilbag Singh 2 Sh. Dana 3 ShHosiyar Singh 4 Sh. Krishan Kumar 5 Smt. Ompati

			6 Smt. Anguri
			7 Sh. Ramesh Keeper
5	Peon cum Chokidar	1	Sh. Pardeep Kumar

*Please give abovementioned information in respect of all zoo personnel, from the Officer in-charge upto 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	Ramesh, Keeper	Keeper Training	09-12-2019 to 13-12-2019	Etawa lion Safari, Etawa(U.P)

10. Zoo Advisory Committee – No

a. Date of constitution

b. Members

c. Dates on which Meetings held during the year

11. Health Advisory Committee– No

a. Date of constitution

b. Members

c. Dates on which Meetings held during the year

12. Statement of income and expenditure of the Zoo

Income
840670-00

Expenditure
50.48

13. Daily feed Schedule of animals

Sr.No.	Species	Feed item	Quantity		Day of fasting
			Winter	Summer	
1	Crocodile	Live fish	1.5kg.	1.5kg.	Nil
2	Gharial	Live fish	1.5kg.	1.5kg.	Nil
3	Hippo	Cattle feed	4kg.	4kg.	Nil
		Haldi	0.075gm.	0.075gm.	Nil

		Green fodder	40kg.	40kg.	Nil
		Joan Delia	2kg.	2kg.	Nil
		MoongDalia	1kg.	1kg.	Nil
4	Spotted Deer	Cattle feed	0.250gm.	0.250gm	Nil
		Green fodder	10kg.	10kg.	Nil
		Dry fodder	1kg.(Nov. to Jan.)	1kg.(April to July)	Nil
5	Chikara	Cattle feed	0.250gm.	0.250gm	Nil
		Green fodder	10kg.	10kg.	Nil
		Dry fodder	1kg.(Nov. to Jan.)	1kg.(April to July)	Nil
6	Samber	Cattle feed	0.500gm.	0.500gm	Nil
		Green fodder	15kg.	15kg.	Nil
		Dry fodder	2kg.(Nov. to Jan.)	2kg.(April to July)	Nil
7	Panther	Goat meat	3.5kg.	3.5kg.	Tues, Wed, Sat
		Chicken meat	3kg.	3kg.	Sun, Mon, Tue, Thu, Fri
8	Desert fox	Goat meat	1kg.	1kg	Tuesday
9	Owl	Chicken meat	0.250gm	0.250gm	Tuesday
10	Red Jungle fowl	Poultry feed	0.150gm	0.150gm	Nil
11	Cockatiel	Palak	0.020gm	0.020gm	Nil
		Kangni	0.020gm	0.020gm	Nil
12	Budgerigar	Palak	0.020gm	0.020gm	Nil
		Kangni	0.020gm	0.020gm	Nil
13	Himalayan Black Bear	Bread or dalia	2kgs.	2Kgs.	Nil
		Sattu	---	1 Kgs.(April to Aug.)	Nil
		Milk	1Kgs.	1Kgs.	Nil
		Banana	3 Nos.	3 Nos.	Nil
		Carrot	0.500gm.(Oct. to Feb.)	---	Nil
		Guava	---	0.300gms.(March to Sept.)	Nil
14	Parakeet	Ground nut	0.020gm	0.020gm	Nil
		Green	0.010gm	0.010gm	Nil

		Chelly			
		Paddy	0.005gm	0.005gm	Nil
		Apple	0.020gm	0.020gm	Nil
15	Black Buck	Cattle feed	0.250gms.	0.250gms.	Nil
		Green fodder	10 kgs.	10 Kgs.	Nil
		Dry fodder	1kg.(Nov. to Jan.)	1kg.(April to July)	Nil

14. Vaccination Schedule of animals

Sr.No.	Species	Disease vaccinated for	Name of the Vaccine and dosage/ quantity used	Periodicity	Remarks
1	Carnivores	Felinepanleukopenia	Felo-vax	Annually	
		Calici virus	Felo-vax	Annually	
		Rihnotracheitls	Felo-vax	Annually	
		Rabies	ARV	Annually	

15. De-worming Schedule of animals

Sr.No.	Species	Drug used	Month
1	Carnivores	Paraziquantel/Fenbendazole	After three month
2	Heribivores	Albendazole/Fenbendazole	After three month
3	Birds	Poprazin/ Albendazole/ Fendazole	After three month

16. Disinfection Schedule

Sr. No.	Species	Type of enclosure	Disinfectant used and method	Frequency of disinfection
1	Carnivores	Closed	Khorsoline/ Aldassan 2000 Flaming (Iron rods)	Floor daily washed Every first week of March, July, August Sep/ & Dec.
2	Herbivores	Open	Clean with lime (Chuna) Feeding platform is clean with lime (Chuna)	Every Week Every month on 1 st & 15 th
3	Birds	Closed	Spray with Khorsoline	Every month

17. Health Check-up of employees for zoonotic diseases

Sr.No.	Name	Designation	Date of Health Check up	Findings of Health Check up
attached				

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

- (1) Const. of I.W.L Bhiwani zoo Office.
- (2) Raising of Boundary wall.

19. Education and Awareness programmes during the year

Wildlife week Celebration: During Wildlife Week celebration a District level eco-quiz Competition for the students of 9th to 12th and a Painting Competition for the 5th to 8th student were organized. The winner were awarded with prizes by I.W.L Bhiwani. Moreover the zoo remained open Free for all days during the week celebration & Awareness camp celebration on Dtd. 20/01/2020 in the zoo.

20. Important Events and happenings

- (1) **World Wildlife Day:** The state level function of the World Wildlife Day 2019 was also celebrated
- (2) **SwachhtaPakhwara:** SwachhtaPakhwara was Celebrated in the zoo. Collages and school students with the wildlife staff participated in the cleaning mission.

21. Seasonal special arrangements for upkeep of animals

In summer, Cooler is provided to Bear, Tiger, Panther. In Winter Heater is provided.(

Tiger are no more at the moment)

22. Research Work carried out and publications- Nil

23. Conservation Breeding Programme of the Zoo- Nil

24. Animal acquisition / transfer / exchange during the year:-copy enclosed

A. Animals arriving in the Zoo					
H.NO.	Species	Number (M:F)		From which Zoo	Date of arrival in the zoo
	Jungle Parakeet	53 Y		IWL Sirsa	17-04-2019
	Leopard	1 F		M.C. Zoological Park, Chhatbir, Punjab	21-12-2019
	Black Buck	2 M			
	Sambar	1 M			
	Black Bear	M	F	Dhauladhar Nature Park, Gopalpur Kangra (H.P)	21-10-2019
		1	1		
B. Animals going from the zoo					
H.NO.	Species	Number (M:F)		Going to which Zoo	Date of deposition from the zoo
	Chinkara Deer	M	F	M.C. Zoological Park, Chhatbir, Punjab	21-12-2019
		2	2		
	Chinkara Deer	M	F	Dhauladhar Nature Park, Gopalpur Kangra (H.P)	20-10-2019
		1	1		

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	Reasons for housing in the zoo, if not released

8	Crocodile	Crocodilus Palustris	1	M	14/01/2020	Old age
9	Chinkara	Indian Gazelle	1	U	27/12/2019	Penemoinea

28. Compliance with conditions stipulated by the Central Zoo Authority- Copy enclosed

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 – copy enclosed

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

Endst. No. 32

Dated: 20-4-2020

A copy is forwarded to Divisional Wildlife Officer Hisar for information and necessary action please.

S. D. Dey
Inspector Wildlife,
Bhiwani.

d/s
[Signature]
Divisional Wildlife Officer.
HISAR

A.S.K. Koushik

Handwritten signature



ANNEXURE -XIII

CERTIFICATE OF MEDICAL FITNESS

Senior Medical Officer Civil Hospital, Bhiwani

(TO BE DEPOSITED AT THE TIME OF JOINING)

To be obtained only from gazetted Government Medical officer/Medical Officer of a Government Undertaking. Please note that in no other form this certificate will be accepted. Medical Certificates issued by private medical practitioners will not be accepted. (Please refer to prescribed standards given overleaf)

Name: A.N.G.U.R.I. DEVI

(In Block Letters)

Father's Name: Sh. Ramsavaroop

Height: 5'4" Weight: 50 kg

Chest: 80 cm.

Heart and Lungs: NA

Vision: L: 6/6 R: 6/6

Colour Vision: Normal

Hearing: Checking normal

Hernia/Hydrocele/Piles: NA

Remarks: Medically Fit

I certify that I have carefully examined

Mr/Ms.....son/daughter of Shri.....

Who has signified my presence. He/she has no mental and physical disease and is FIT.

Signature of the candidate

Station: Bhiwani

Date: 18/10/19

Signature of the Medical Officer with legible seal.

Senior Medical Officer Civil Hospital, Bhiwani

ANNEXURE -XIII

CERTIFICATE OF MEDICAL FITNESS

(TO BE DEPOSITED AT THE TIME OF JOINING)



Senior Medical Officer
Civil Hospital, Bhiwani

To be obtained only from gazetted Government Medical officer/Medical Officer of a Government Undertaking. Please note that in no other form this certificate will be accepted. Medical Certificates issued by private medical practitioners will not be accepted. (Please refer to prescribed standards given overleaf)

Name.....DANA.....

(in Block Letters)

Father's Name: Sh. Parbhti.....

Height: 5'7"..... Weight 62 kg.....

Chest: 54 cm.....

Heart and Lungs: Normal.....

Vision: L: 6/6..... R: 6/6.....

Colour Vision: Normal.....

Hearing: clearing Normal.....

Hernia/Hydrocele/Piles:

Remarks: Marching fit.....

I certify that I have carefully examined

Mr/Ms. DANA..... son/daughter of Shri. Parbhti.....

Who has signed in my presence. He/she has no mental and physical disease and is FIT.

Signature of the candidate

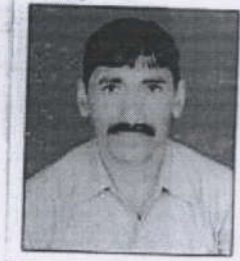
Station: Bhiwani.....

Date: 03/02/2020.....

Senior Medical Officer
Civil Hospital, Bhiwani
Signature of Medical Officer

with legible seal.

Dr. P. K. Bafar
Surgeon / Surgeon
740



ANNEXURE - XIII

CERTIFICATE OF MEDICAL FITNESS

(TO BE DEPOSITED AT THE TIME OF JOINING)

To be obtained only from gazetted Government Medical officer/Medical Officer of a Government Undertaking. Please note that in no other form this certificate will be accepted. Medical Certificates issued by private medical practitioners will not be accepted. (Please refer to prescribed standards given overleaf)

Name..... DILBAG.....

(in Block Letters)

Father's Name: Sh. Kishan Lal.....

Height: 5.5..... Weight: 50 kg.....

Chest: 52.0.....

Heart and Lungs: Normal.....

Vision: L: 6/6..... R: 6/6.....

Colour Vision: Normal.....

Hearing: clearing 372000 Normal..... *AV 08/02/22*

Hernia/Hydrocele/Piles:

Remarks: Medically fit.....

I certify that I have carefully examined

Mr./Ms. Dilbag..... son/daughter of Shri. Kishan Lal.....

Who has signed in my presence. He/she has no mental and physical disease and is FIT.

Signature of the candidate
Signature of the candidate

Station: Bhiwani.....

Date: 03/02/2022.....

Signature of the Medical Officer
Senior Medical Officer
Civil Hospital Bhiwani
with legible seal.

ANNEXURE -XIII

CERTIFICATE OF MEDICAL FITNESS

(TO BE DEPOSITED AT THE TIME OF JOINING)



Senior Medical Officer
Civil Hospital, Bhiwani

To be obtained only from gazetted Government Medical officer/Medical Officer of a Government Undertaking. Please note that in no other form this certificate will be accepted. Medical Certificates issued by private medical practitioners will not be accepted. (Please refer to prescribed standards given overleaf)

Name..... Hoshiyar Singh

(in Block Letters)

Father's Name: Sh. Lal ji

Height: 5.5 Weight: 55 Kg

Chest: 54 cms

Heart and Lungs: Normal

Vision: L: 6/6 R: 6/6

Colour Vision: Normal 08/12

Hearing: Normal clearing 08/12

Hernia/Hydrocele/Piles:

Remarks: Medically fit

I certify that I have carefully examined

Mr./Ms. Hoshiyar Singh son/daughter of Shri. Lal ji

Who has signed in my presence. He/she has no mental and physical disease and is FIT.

Signature of the candidate

Station: Bhiwani

Date: 08/12/2020

Senior Medical Officer
Signature of the Medical Officer
Civil Hospital, Bhiwani
with legible seal.

Dr. Sanjeev

[Handwritten signature]



Senior Medical Officer
Civil Hospital, Bhiwani

ANNEXURE - XIII

CERTIFICATE OF MEDICAL FITNESS

(TO BE DEPOSITED AT THE TIME OF JOINING)

To be obtained only from gazetted Government Medical officer/Medical Officer of a Government Undertaking. Please note that in no other form this certificate will be accepted. Medical Certificates issued by private medical practitioners will not be accepted. (Please refer to prescribed standards given overleaf)

Name: KRISHAN KUMAR

(in Block Letters)

Father's Name: Sh. RISHALA

Height: 5.4 Weight: 70 kg

Chest: 85

Heart and Lungs: Normal

Vision: L: 6/6 c/glass R: 6/6 c/glass *[Signature]*

Colour Vision: Normal

Hearing: Centaury acousty 11/10/15

Hernia/Hydrocele/Piles: None

Remarks: Rest Dr. Sanjeev

I certify that I have carefully examined

Mr./Ms. Krishan Kumar son/daughter of Shri. Rishala

Who has signed in my presence. He/she has no mental and physical disease and is FIT.

Signature of the candidate

Station: [Signature]

Date: 7/10/19

Signature of the Medical Officer
with legible seal.
Senior Medical Officer
Civil Hospital, Bhiwani

S. S. K. Koushi G.



Officer
Bhiwani

Om
18/10/19
ANNEXURE - XIII

CERTIFICATE OF MEDICAL FITNESS

(TO BE DEPOSITED AT THE TIME OF JOINING)

To be obtained only from gazetted Government Medical officer/Medical Officer of a Government Undertaking. Please note that in no other form this certificate will be accepted. Medical Certificates issued by private medical practitioners will not be accepted. (Please refer to prescribed standards given overleaf)

Name..... OMPATI

(in Block Letters)

Father's Name: Sh. Chanduram

Height: 5.4" Weight: 57 Kg.

Chest: 80 C.m.

Heart and Lungs: Normal

Vision: L: 6/6 R: 6/6 *18/10/19*

Colour Vision: Normal

Hearing: Checking normal *18/10/19*

Hernia/Hydrocele/Piles: NA

Remarks: Healthy fit

I certify that I have carefully examined

Mr./Ms..... son/daughter of Shri.....

Who has signed in my presence. He/she has no mental and physical disease and is FIT

Signature of the candidate

Station: Bhiwani

Date: 18/10/19

18/10/19
Signature of the Medical Officer,
Senior Medical Officer
Civil Hospital, Bhiwani

D.R. Sanjeet

11/10/19



Senior Medical Officer
Civil Hospital, Bhiwan

ANNEXURE - XIII

CERTIFICATE OF MEDICAL FITNESS

(TO BE DEPOSITED AT THE TIME OF JOINING)

To be obtained only from gazetted Government Medical officer/Medical Officer of a Government Undertaking. Please note that in no other form this certificate will be accepted. Medical Certificates issued by private medical practitioners will not be accepted. (Please refer to prescribed standards given overleaf)

Name: RAMESH KUMAR

(in Block Letters)

Father's Name: Sh. BANWARI LAL

Height: 5.4" Weight: 62 kg

Chest: 85

Heart and Lungs: Normal

Vision: L: 6/6 R: 6/6

11/10/19

Colour Vision: Normal

Hearing: auditory normal

Hernia/Hydrocele/Piles: NA

Remarks: fit to work

I certify that I have carefully examined

Mr./Ms. Ramesh Kumar son/daughter of Shri. Banwari Lal

Who has signed in my presence. He/she has no mental and physical disease and is FIT.

Ramesh Kumar
Signature of the candidate

Station: Bhiwani

Date: 11/10/2019

[Signature]
Signature of the Medical Officer

with legible seal.
Senior Medical Officer
Civil Hospital, Bhiwani

Sr. No. 28

72

Status of compliance w.r.t. conditions conveyed by central Zoo Authority vide their letter no. 19-95/92-CZA(VOL.I)(82)(BKG)/744/2017 Dated. 31.03.2017.

S.No.	Norm No.	Violation of Recognition of Zoo Rules, 2009	Time Period to rectify
2. Administrative and staffing pattern			
1	10.2(1)	An officer of appropriate rank as 'whole time in-charge' of the zoo with power to take decision and ensure adequate financial resources should be appointed.	We have proposed an officer rank of DWLO or ACF in Master Plan with adequate administrative financial powers
2. Administrative and staffing pattern			
2	10.2(2)	The Scientific and the technical staff to support the officer-in-charge of the zoo in carrying out the responsibilities of housing, upkeep and healthcare of zoo animals should be appointed.	The Vet. is on call and shares the technical responsibilities
3. Development and Planning			
2	10.3(1&3)	The zoo should submit the master plan to CZA for approval	The Master Plan was submitted, but CZA has given a few

			comments which are being addressed
5. Upkeep and healthcare of animals			
3	10.5(9)	The staff involved in the healthcare of animals should be screened against zoonotic diseases should be done at least once every year and records should be maintained.	This has been done on dtd. 27-07-2017
4	10.5(10)	The zoo should prepare and use keeper Diary, Daily Report, Animal Treatment Card etc. as prescribed by the CZA.	Not possible to be done because all Labourers working as keepers are illiterate. 27-

6 Veterinary and Infrastructure facilities			
	10.6(1)	The zoo should have basic diagnostic equipment's and comprehensive range of drugs	Basic diagnostic equipments and drugs are available as
6	10.6(3)	The zoo should have post-mortem room.	Available as
7	10.7(2)	The zoo should record Post mortem findings in CZA	P.M findings are

		prescribed format. Record should be maintained for a period not less than six years.	being recorded CZA format
--	--	--	---------------------------

9 Acquisition and breeding of animals

8	10.9(4)	The zoo should pair the single housed animals as soon as possible and efforts should also be made to acquire animals for empty enclosures like Tiger & bear.	Under Process
---	---------	--	---------------

12 Visitors facilities

	10.12(2)	The zoo should have first aid facilities including snake anti-venom and life saving drugs.	Yes & Present
--	----------	--	---------------

It is to inform that following are other condition stipulated based on recommendation of the evaluating officer.

S.No.	Norm No.	Particulars of Suggestions	Time Required to Comply
-------	----------	----------------------------	-------------------------

1. General requirements

1	10.1(7)	The reaming drainage system should be covered as soon as possible.	Done
---	---------	--	------

4. Animal housing, display of animals and animal enclosures

3	10.4(5)	The existing Bird enclosures should be revamped as per master (layout) plan.	Under Process
4	10.4(7)	Local shrub species should be planted for further natural screening in between the enclosures.	Done

5.	10.4(10)	Bilingual signage should be displayed with information of the species about biological behavioral and population status of the species in the wild.	Done
----	----------	---	------

5. Upkeep and healthcare of animals

6	10.5(1)	Footbaths should be provided at the entrances & exit of each enclosure.	Done
7	10.5(2)	The food and water samples should be maintained.	Done
8	10.5(5)	The solid waste as observed in one of the hippo enclosure should be removed on daily basis and manure pits be constructed to process the same.	Done
9	10.5(8)	Health monitoring of animals should be carried out periodically and animal Vaccination & de-worming schedule should be prepared, displayed and followed.	Yes

6. Veterinary and Infrastructure facilities

10	10.6(1)(b)	The treatment room should be upgraded with equipment. Efforts should be upgraded with equipment. Efforts should be made to employ veterinary doctor and vet. Supporting	This is being done
----	------------	---	--------------------

		staff.	
11	10.6(5)	The work of remaining portion of boundary wall near water body behind crocodile enclosure should be completed on priority basis.	Under Process
11. Eduaction and outreach activities			
12	10.11(1)	Zoo should take up educational and other activities in planned way.	In Process
12. Visitors' Facilities			
13	10.12(1)	Visitors shed/rain shelter should be constructed	Done

Annexure -3

Free ranging species of Mini Zoo (Fauna)

Sr. Name	Local Name	English Name	Scientific Name
1.	Khargosh	Hare	<i>Lepus nigricollis</i>
2.	Gilheri	Three striped squirrel	<i>Funambulus palmarum</i>
3.	Choocha, Musak	Common house rat	<i>Tattus rattus</i>
4.	Girgit	Common garden lizard	<i>Calotes versicolor</i>
5.	Goh	Monitor Lizard	<i>Varanus griseus</i>
6.	Hara Mendak	Toad	<i>Bufo melanostictus</i>
7.	Mendak	Frog	<i>Rana tigrina</i>
8.	Chhota Pankaua	Lesser Cormorant	<i>Phalacrocorax</i>
9.	Anjan	Grey Heron	<i>Ardeola cinerea</i>
10.	Bagula	Pond Heron	<i>Ardeola grayii</i>
11.	Gai Bagula	Cattle Egret	<i>Bubulcus ibis</i>
12.	Dhok	Painted Stork	<i>Ibis leucocephalus</i>
13.	Kala Baja	Black Ibis	<i>Pseudibis papillosa</i>
14.	Chhoti Murgabi	Common Teal	<i>Anas crecca versicolor</i>
15.	Gugraal	Spotbilled Duck	<i>Anas poecilorhynchos</i>
16.	Cheel	Black Kite	<i>Milvus migrans</i>
17.	Shikra	Shikra	<i>Accipiter badius</i>
18.	Ukab	Tawny Eagle	<i>Aquila rapax</i>
19.	Kala Titar	Black Partridge	<i>Francolinus francolinus</i>
20.	Bhoora Titar	Grey Partridge	<i>Francolinus pondicerianus</i>
21.	Bater	Common Quail	<i>Coturnix coturnix</i>
22.	Mor, Mayur	Common Pea-fowl	<i>Pavocristatus</i>
23.	Jal Murgai	Water Hen	<i>Amaurornis phaeeni</i>

			<i>curus</i>
24.	JalMurag	Coot	<i>Fulicaatra</i>
25.	Titheri	Redwattled Lapwing	<i>Vanellusindicus</i>
26.	Gahwal, Bugbud	Ruff and Reeve	<i>Philimachuspugna</i> x
27.	Harial	Green Pigeon	<i>Treronphaenicopte</i> <i>ra</i>
28.	Kabutar	Blue Rockpigeon	<i>Columba livia</i>
29.	ChitkabraFakta	Spotted Dove	<i>Streptopeliachinensis</i>
30.	Tota, Haria	Roseringed Parakeet	<i>Psittaculakrameri</i>
31.	TuiaTota	Blossom Headed Parakeet	<i>Psittaculakrameri</i>
32.	Koel	Koel	<i>Eudynamysscolop</i> <i>acea</i>
33.	Mahoka	Crow Pheasant	<i>Centropussinensis</i>
34.	Kothi	Spotted Owlet	<i>AtheneBrama</i>
35.	ChhotaKilkila	Common Kingfisher	<i>Alcedoatthis</i>
36.	Hara Panninga	Green Bee-eater	<i>MeropsOrientalis</i>
37.	Neelkanth	Blue Jay	<i>Coraciasbenghalensis</i>
38.	Hudhud	Hoopoe	<i>upupaepops</i>
39.	Kathpoda	Crimsonbreasted Barbet	<i>Megalaimahaemac</i> <i>ephala</i>
40.	Chandool	Crested Lark	<i>Galeridacristata</i>
41.	GhareluAbabil	House Swallow	<i>Hirundotahitica</i>
42.	Pilak	Golden Oriole	<i>Oriolusoriolus</i>
43.	Kotwal	King Crow	<i>Dicrurusadsimilis</i>

44.	Myna	Common Myna	<i>Acridotherestristis</i>
45.	Darji	Tailor Bird	<i>Orthotomussutorius</i>
46.	Bulbul	Paradise Fly Catcher	<i>Terpsiphoneparadisi</i>
47.	Kaua	House Crow	<i>Corvussplendens</i>
48.	Dumani	Common Babbler	<i>Turdoiedscaudatus</i>
49.	Shama	Shama	<i>Copsychusmalabaricus</i>
50.	Kali Chiri	Indian Robin	<i>Saxicoloidesfulicata</i>
51.	Sonchiri, Dhoban	White Wagtail	<i>Motacilla alba</i>
52.	Shakkarkhora	Purple Sunbird	<i>Nectariniaasiatica</i>
53.	Goraya	House Sparrow	<i>Passer domesticusindicus</i>
54.	Baya	Common Baya	<i>Ploceusphilippinus philippinus malabar</i>
55.	Kala Pidda	Pied Bushchat	<i>saxicolacaprata</i>
56.	LalMunia	Red Munia	<i>estrildaamandava</i>
57.	Sar- Munia, Pidda	Whitethroated Munia	<i>Lonchuramalabarica</i>

Proforma for Quarterly Inventory Report

Inventory Report for the Year : 01-04-2019 to 31-03-2020

Endangered Species

S.No	Animal Name	Scientific Name	Opening Stock as on 01-04-2019				Births				Acquisitions				Disposals				Deaths				Closing Stock as on 31-03-2020							
			M	F	U	T	M	F	U		M	F	U		M	F	U		M	F	U		M	F	U	T				
	Mammals																													
1	Leopard	Panthera Pardus	1	0	0	1	-	-	-	-	-	1	-	-	-	-	-	-	-	-	-	-	1	1	0	2	1	1	0	2
2	Desert Fox	Vulpes bucapus	1	1	0	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	1	0	2	1	1	0	2
3	Chinkara	Gajela gajela	2	2	0	4	-	-	3	-	-	-	-	2	2	2	-	-	-	-	-	-	0	0	2	2	2	0	2	2
4	Black buck	Antilope cervicapra	0	0	0	0	-	-	-	-	2	-	-	-	-	-	-	-	-	-	-	-	2	0	0	2	2	0	0	2
5	Himalyan black bear	Ursus thibetanus laniger	0	0	0	0	-	-	-	-	1	1	-	-	-	-	-	-	-	-	-	-	1	1	0	2	1	1	0	2
	Reptiles																													
1	Crocodile	Crocodilus Palustris	10	6	5	21	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	0	9	6	20	0	9	6	20
2	Gharial	Gravialis gangeticus	1	1	10	12	-	-	3	-	-	-	-	-	-	-	-	-	-	-	-	-	1	1	1	14	1	1	1	14
	Total Reptiles		11	7	15	33			3										1				1	10	7	34	1	10	7	34
	Total Animals		15	10	15	40			6		3	2		2	2	2			1				2	15	10	44	2	15	10	44

Sch. I & II of Wild Life Act. 1972.

C/S

Divisional Wildlife Officer,
Hisar.

(Signature)
Inspector Wildlife,
Bhiwani.

Proforma for Annual Inventory Report

Inventory Report for the Year : 01-04-2019 to 31-03-2020

Other than Endangered Species

Sr. No	Animal Name	Scientific Name	Opening Stock as on 01-04-2019			Births			Acquisitions			Disposals			Deaths			Closing Stock as on 31-03-2020				
			M	F	T	M	F	U	M	F	U	M	F	U	M	F	U	M	F	U	T	
Birds																						
1	Red Jungle Fowl	Gallus gallus	1	2	0	3	-	-	2	-	-	-	-	-	-	1	-	-	2	2	0	4
2	Cocktail	Ymphious ollondicus	4	6	0	10	-	-	-	-	-	-	-	-	-	-	-	-	4	6	0	10
3	Budgriger	Melopsittacus undulatus	2	2	0	4	-	-	-	-	-	-	-	-	-	-	-	-	2	2	0	4
4	Scops Owl	Tyto alba	2	1	0	3	-	-	-	-	-	-	-	-	1	-	-	1	1	0	2	
5	Parakeet	Citacide	21	14	0	35	-	-	-	20	33	-	-	-	7	8	-	34	39	0	73	
Total			30	25	0	55			2	20	33				8	9		43	50	0	93	
Mammals																						
1	Spotted Deer	Axis axis	15	21	6	42	-	-	6	-	-	-	-	-	-	-	-	18	26	4	48	
2	Samber	Cervus unicolor	0	1	0	1	-	-	-	1	-	-	-	-	-	-	-	1	1	0	2	
3	Hippo	Hippo potamus	2	1	0	3	-	-	1	-	-	-	-	-	-	-	-	2	1	1	4	
Total			17	23	6	46			7	1								21	28	5	54	
Total Animals			47	48	6	101			9	21	33				8	9		64	78	5	147	

C/S

Bhivani
Inspector Wildlife,
Bhiwani

[Signature]
Divisional Wildlife Officer,
Hisar.

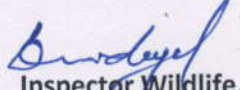
29

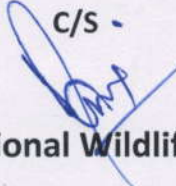
Proforma for Death Report
Death Report from 01/04/2019 to 31/03/2020

Endangered Species & Other than Endangered Species

Sr. No.	Animal Name (With individual identification mark, if any)	Scientific Name	No.	Sex	Date of Death	Reason of Death
1	Chinkara	Gajela gajela	1	Unkown	27/12/2019	Pnemonia
2	Crocodile	Crocodylus Palustris	1	Male	14/01/2020	Age factor
3	Gharial	Gravialis gangetivus	1	Unkown	7/9/2019	Cold strock

Animals under Sch-I & II of Wildlife (Protection Act,1972).


Inspector Wildlife,
Bhiwani.

C/S -

Divisional Wildlife officer,
Hisar.

31

Annexure - V

Zoological Park

Post-Mortem Report

No. 30

Date: 27/12/19

Kind of animal: Chinkara Scientific name: Gazella Gazella Sex: Female Personal name: _____ Age: 2-4 months Size: 1.5 feet Weight: 3 Kg. approx

Animal ID/ or National Studbook number (if any): _____

Time, date and place of death: 10:00 Am 27/12/19 Minzoo Bhiwani

Time and date of post-mortem examination: 12:00 pm 27/12/19 do -

Short history of illness, if any: No history of illness

A. General description:

B. Organ-wise description of lesions

1. Head and neck Nasal discharge with thick mucoid (a) Skull and brain
2. Thorax Froths present in trachea (b) Cervical vertebrae
Lungs congested with pinkish green Lungs
Haemorrhages in heart
3. Abdomen Liver is congested (a) Liver
Normal (b) Stomach
Congested (c) Intestines
Normal (d) Kidney
Normal (e) Spleen
4. Pelvic girdle Normal (a) Uterus and Ovaries
Normal (b) Bladder
Normal (c) Genital passage
5. Limbs Normal (a) Fore limbs
Normal (b) Hind limbs
6. Any other special features:
 Biological tests done (if any)
 i) Blood
 ii) Urine
 iii) Discharges No
 iv) None
7. Opinion (cause of death) In my opinion the above said chinkara died due to
8. Instruction for disposal After P.M burnt to fibre & bury in ground. 'pneumonia'.

Place: Minzoo, Bhiwani

DATE: 27/12/19

Signature: Sandeep
27/12/19

Name: DR. Sandeep Kumar

Designation: Veterinary Surgeon
Vety. Polytechnic, Bhiwani

(Seal)

V/C GVH Bhiwani

Zoological Park

Post-Mortem Report

No. _____

Date: 14/1/2020

Kind of animal: crocodile
 Scientific name: Crocodylus
 Sex: Male
 Personal name: _____
 Age: 40 years
 Size: 125 kg approx
 Weight: _____
 Animal ID/ or National Studbook number (if any): APOA

Time, date and place of death: 14/1/2020, Bhiwani Zoo, 11 am.

Time and date of post-mortem examination: 14/1/2020, Bhiwani Zoo, 4.30 pm.

Short history of illness, if any. —

A. General description: —

B. Organ-wise description of lesions _____

1. Head and neck (a) Skull and brain: Brushes like injuries present on
 (b) Cervical vertebrae: fore head

Thorax (a) Lungs: lungs are brosed at the margin of all lobes irregular changes in alveoli and bronchioles

3. Abdomen (a) Liver: enlarged and pale in color
 (b) Stomach
 (c) Intestines
 (d) Kidney
 (e) Spleen: degenerative changes found

→ Heart: Degenerative changes in Auricle and ventricular wall

4. Pelvic girdle: Regressed form found in both kidney. Rt kidney Atrophied
 (a) Uterus and Ovaries
 (b) Bladder
 (c) Genital passage

5. Limbs: All fat globules were loose in interstices
 (a) Fore limbs
 (b) Hind limbs

6. Any other special features: All muscle fibres loose in texture.

- Biological tests done (if any)
- i) Blood —
- ii) Urine —
- iii) Discharges —
- iv) Biopsy —

7. Opinion (cause of death): In my opinion the animal may be died due to

8. Instruction for disposal: Irreversible degenerative changes due to ageing factor
 Place: Bhiwani Zoo → Burial

Signature: [Signature]
 Name: Dr. Ashwini
 Designation: H.V.S - I, Forest and Wild Life Dept.

DATE: 14/1/2020

(Seal)

35

Annexure - V

Zoological Park

Post-Mortem Report

No. 27

Date: 7/9/19

Kind of animal	Scientific name	Sex	Personal name	Age	Size	Weight
Gharial Cub (one)	Goravialis gangeticus			1 1/4 yr	2.5 feet	1.5 Kg approx.
			Animal ID/or National Studbook number (if any)			

Time, date and place of death	7/9/19	6 AM
Time and date of post-mortem Examination	7/9/19	8:30 AM

Short history of illness, if any.

A. General description:

B. Organ-wise description of lesions

1. Head and neck *Severe hemorrhagic* (a) Skull and brain
brain (b) Cervical vertebrae
2. Thorax *N.A.D.* (a) Lungs
both lungs highly congested (b) Heart
Heart pale in color (c) Ribs
3. Abdomen *N.A.D.* (a) Liver
Liver pale in color (b) Stomach
(c) Intestines
(d) Kidney
(e) Spleen
4. Pelvic girdle *N.A.D.* (a) Uterus and Ovaries
(b) Bladder
(c) Genital passage
5. Limbs (a) Fore limbs
(b) Hind limbs

6. Any other special features:
Biological tests done (if any)
i) Blood
ii) Urine
iii) Discharges
iv) Biopsy

7. Opinion (cause of death)
8. Instruction for disposal

In my opinion the Gharial cub may be died due to Cold stroke. After PM advised to be sent to fire.

Place: *Bhiwani*

DATE: 7/9/19

Signature *Sandeep*
Name *Dr. Sandeep Kumar*
Designation *Veterinary Surgeon*

(Seal)
Veterinary Surgeon
F.V.S.
W/o, G.V.H. Bhiwani