

PIPLI ZOO

(HARYANA)

**Annual
Report of
Activities**

2019-20

Report on the activities of Pipli Zoo Haryana for the period April 2019 to March 2020 is provided with supportive pictures of events. Status of compliance of conditions communicated vide CZA letter No. 19-89/92-CZA (83)(VOL.II)(NS)/4593/2018 Dated 16/10/2018.

**Prepared by
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Divisional Wildlife Officer
Panchkula**

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Report of the Officer incharge

Dear Readers,

I took over the charge of Divisional Wildlife Officer Panchkula on 1st April 2016 when Pipli Zoo was ready for inauguration after its up-gradation. Pipli zoo was started mini zoo in 1982. It was closed for public in 2013 for its construction as per new approved Master Plan. On 13th April 2016 (Baisakhi Day) zoo was opened for public after its inauguration by Rao Narbir Singh, Hon'ble Forest & Wild Life Minister, Govt. of Haryana. Pipli Zoo is small but beautiful zoo. Although the zoo is small but beautifully designed. During 2019-20 a healthy number of visitors (146817) visited the zoo. This number shows the attraction of the zoo.

As conservation education is the main objective of the zoos, we also organize various educational programmes to reach out as many people as possible. Wildlife Week 2019 was celebrated from 1st October to 7th October and the entry of visitors was free during this period. As a part of wildlife week 2019 celebration eco-quiz and drawing/painting competition were organized. School children of 9th class to 12th class took part in eco-quiz competition while the children of 6th class to 8th class in painting/drawing competition. All participants were given refreshments while winners were awarded with prizes also.

As per the approved Master Plan of the Zoo we have constructed all enclosures. Our main focus is on providing good hygienic condition to all animals and breeding programme of Lion. As the survival rate of Lion cub is less in comparison of other captive species then our zoo has taken it as a challenge.

During 2019-20 the zoo has been facilitated with a High Rise Publicity Sign and awareness Board, Earth Work and CC work in Hippo enclosure, White Wash of enclosures, Earth Work and Development of grass in cage of Black Buck enclosure. The open area of the zoo has been planted with fruit bearing and shady plants in a planned manner.

We have successfully provided good facilities to its animals and visitors. I take this opportunity to thank everyone who has dedicated their time and hard work supporting me towards the development of the zoo.

Divisional Wildlife Officer
Panchkula

2. **History of the Zoo –** Pipli Zoo was established as Deer Park in the year 1982 on an area of 7.20 hectares (18 acres) of Pipli protected forest. It is located on the right side on National Highway-1, i.e. G.T. road at 160 Km from New Delhi in Kurukshetra district. In 1988, the department acquired another 3.63 hectares (9 acres) adjoining to this Deer Park. As a consequence, the total area of Mini Zoo Pipli became 10.83 hectares (27 Acres). In September 1987, a few animals and birds were added to the Deer Park collection and it took the shape of a Mini Zoo. It is recognized as Mini Zoo by Central Zoo Authority of India on 10.08.2005.



PIPLI ZOO

3. **Vision -**

To create awareness about our rich fauna among general public and develop a health relationship between animals and human beings for maintaining ecological balance

4. **Mission-**

The Pipli Zoo is located at a very prestigious and important spot on National Highway No. 1 160km from New Delhi and about 100 km from Chandigarh in Distt. This Zoo has been upgraded/renovated during 2013 to 2015. Pipli Zoo is very beautifully designed and renovated. Some works proposed in Master Plan to be completed. Lot of religious tourists visit Kurukshetra every year because of its historical & religious importance. Moreover a large number of local tourists visit this zoo. Our mission is to maintain the zoo and complete the remaining works mentioned in the Master Plan.



5. **Objective-**

1. Our basic objective is to maintain the zoo and to provide healthy environments to zoo animals.
2. To provide better facilities to visitors and sensitize the local people about wild animals.
3. To provide housing and upkeep to the orphaned animals of endangered species rescued from the wild.
4. To collect and collate the scientific data on the biology behavior and health care of animals housed in the zoo and use the same in future management of the zoo.

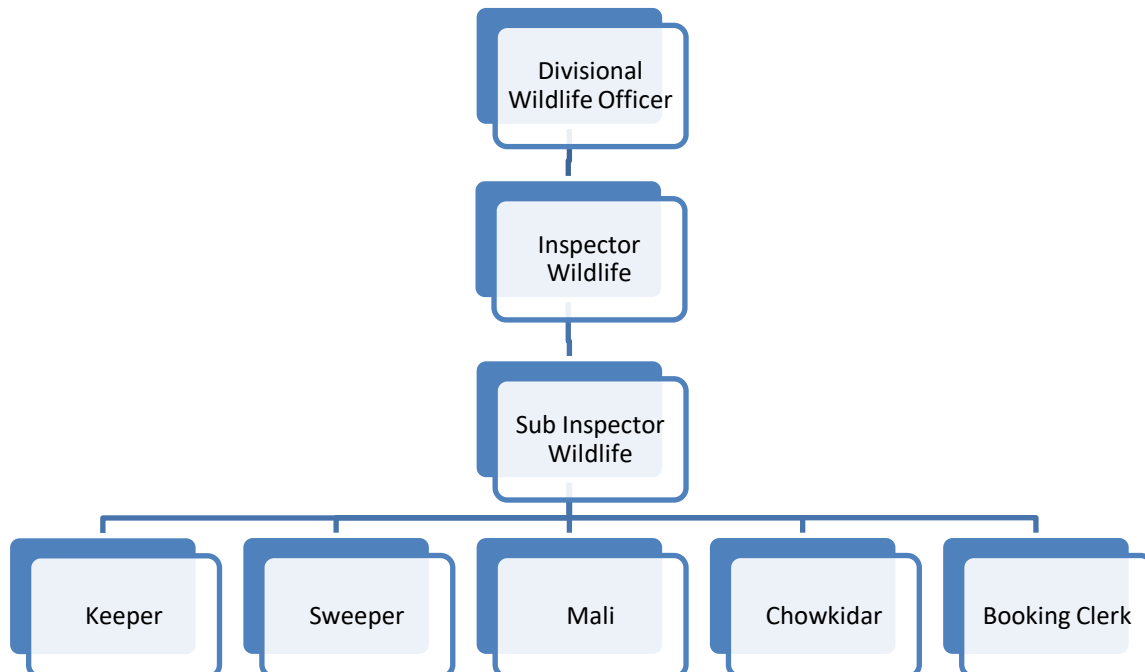
6. About us

S. No.	Particulars	Information
Basic information about the Zoo		
1	Name of the Zoo	PIPLI ZOO
2	Year of Establishment	1982
3	Address of the Zoo	GT ROAD PIPLI DISTT KURUKSHETRA
4	State	HARYANA
5	Telephone Number	01744-230951
6	Fax Number	-
7	E-mail address	dwlomorni@yahoo.com
8	Website	-
9	Distance from nearest	Airport: 160 Km (Delhi)
		Railway Station: 4 Km (Kurukshetra)
		Bus Stand: 400 Mtr
10	Recognition Valid upto (Date)	28-09-2020
11	Category of zoo	Small
12	Area (in Hectares)	10.93
13	Number of Visitors (2019-20)	Adult: 107223
		Children: 39594
		Total Indian: 146817
		Total Foreigners: -
		Total Visitors: 146817
14	Visitors' Facilities Available in Zoo	1. Drinking Water 2. Toilets 3. Visitors Sheds 4. Grass Lawn

		5. Disabled Wheel Chairs 6. Canteen 7. Seating benches 8. Car/Scooter parking
15	Weekly Closure Day of the Zoo	Monday
Management Personnel of the Zoo		
16	Name with designation of the officer in –charge	Sh. Tejbir Singh
	Name of the Veterinary Officer	Dr. Ashok Khasa
	Name of the Curator	-
	Name of the Biologist	-
	Name of the Education Officer	-
	Name of the Compounder/Lab Assistant	-
Owner/Operator of the Zoo		
17	*Name of the Operator	Additional Chief Secretary, Govt. of Haryana Forest & Wildlife Department
18	Address of the Operator	Haryana Civil Secretariat Sector 17 Chandigarh
19	Contact details/Phone number of Operator	0172-2714006
20	E-mail address of Operator	psforest505@gmail.com



7. Organization Chart



8. Human Resources

Manpower of the Zoo*

Sr No.	Designation	Number of Sanctioned Posts	Name of the incumbent
1.	Inspector Wildlife	1	1
2.	Sub Inspector Wildlife	-	1
3.	Sweeper	-	1
4.	Keeper	1	3
5.	Night Watchman	-	1

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.	Sh. Tejbir Singh Sub Inspector Wildlife	-	-	-

10. Zoo Advisory Committee- Not constituted

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

11. Health Advisory Committee- Not constituted

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

12. Statement of income and expenditure of the Zoo

1. Income (2019-2020) = 12.78 lakh (Entry Fee)
 2. Expenditure (2019-20) = 107.86 lakh (except salaries)

13. Daily feed Schedule of animals

Sr No.	Species	Feed item	Quantity		Day of fasting
			Winter	Summer	
1	Lion (M)	Buffalo Calf	8 Kg	8Kg	Tuesday
	-Do-	Mutton	8 Kg	8 Kg	
2	Lion (F)	Buffalo Calf	6 Kg	6Kg	Tuesday
	-Do-	Mutton	8 Kg	8 Kg	
3	Panther	Chicken	2.75 Kg each	2.75 Kg	Tuesday
	-Do-	Mutton	3 Kg each	3 Kg	
4	Hyena	Buffalo Calf	2.5 Kg each	2.5 Kg	Tuesday
5	Jackal	Buffalo Calf	1 Kg each	1 Kg	Tuesday
6	Langur	Banana	2no.	2no.	-
		Garlic	5gm	5gm	-
		Black Gram	50gm	50gm	-
		Bread	100gm	100gm	-
		Cabbage/Palak	75gm	75gm	-
		Guava /Apple	250gm	250gm	-
		Carrot Khera	50gm	50gm	-
7	Hippo	Green Fodder	40kg	40kg	-
		Cattle Feed	4kg	4kg	-
		Jaun	2kg	2kg	-
		Mung	1kg	1kg	-
		Haldi	25gm	25gm	-
8	Sambar	Dry Fodder	2kg	2kg	-
		Green fodder	15kg	15kg	-
		Cattle Feed	500gm	500gm	-
9	Black	Dry Fodder	1kg	1kg	-

	Buck				
		Green fodder	10kg	10kg	-
		Cattle Feed	250gm	250gm	-
10	Gharial	Live Fish	1kg	1kg	-
11	Crocodile	Live Fish	1.5 kg	1.5 kg	-
12	Red JungleFowl	Poultry Feed	150 gm	150 gm	
13	Peafowl	Poultry Feed	120gm	120gm	-
14	Kalij	Poultry Feed	120gm	120gm	-
15	Brown Partridge	Poultry Feed	50gm	50gm	-s

14. Vaccination Schedule of animals

Sr No.	Species	Disease	Name of Vaccine and dosage/quantity used	Periodicity	Remarks
1	Carnivores	Felinepanleukopenia	felo-vax	Annually	
		Calcivirus	felo-vax	Annually	
		Rihnotracheities	felo-vax	Annually	
		Rabies	felo-vax	Annually	

15. De-Worming Schedule of animals

Sr No.	Species	Drug used	Month
1	Carnivores	Paraziquantel/Fenbendazole	after three month
2	Herbivores	Albendazole/Fenbendazole	after three month
3	Birds	Piprazin/Albendazole/Fenbendazole	after three month

16. Disinfection Schedule

Sr No.	Species	Type of enclosure	Disinfectant used and method	Frequency of disinfection
1	Carnivores	Closed	Khorsoline/Aldasan 2000 Falaming (Iron rods)	Floor daily washed every first week of March, July, August, Sept., 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	Sparay 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
1	Sh. Parmal	Group- D	25.06.2018	Fit except Cataract left eye
2.	Sh. Sunder	-do-	26.06.2018	Fit
3.	Ram Baran	-do-	26.06.2018	Fit

18. Development Work carried out in the zoo during the year 2019-20

1. Construction of High Rise Publicity Sign and awareness Board.
2. Earth Work and CC work in Hippo enclosure.
3. Plantation.
4. White Wash of enclosures.
5. Earth Work and Development of grass in cage of Black Buck enclosure.



19. Education and Awareness programmes during the year

1. Every week children of one school of the city and surrounding rural area is called for zoo visit free of cost and children are given lecture on wild life in present scenario.
2. The zoo remains free for visitors during the wild life week.
3. Swachhata Pakhwara was celebrated twice during the last year.
4. Wild life eco-quiz and drawing competitions were held during wild life protection week.
5. World Wildlife Day 2020 was celebrated on March03, 2020.

20. Important Events and happenings –
As mentioned above.

21. Seasonal special arrangements for upkeep of animals

1. Arrangement of air coolers in summer season and blower heater during winter season for wild animals.
2. Sand mounds were constructed in Black buck enclosure for resting of Black buck during rainy season.

22. Research Work carried out and publications.

23. Conservation Breeding Programme of the Zoo

1. Breeding programme for the breeding of Lion has been started. Lioness gave birth to five cubs out of them three survived. As we learned many new things about the habits of Lion therefore we are hoping better results next time.

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

A.	Animal arriving in the zoo				
	H. NO.	Species	Number (M:F)	From which zoo	Date of arrival in the zoo
	-	-	-	-	-
B.	Animals going from the Zoo				
	H. NO.	Species	Number (M:F)	Going to which zoo	Date of Deposition from the zoo
	-	-	-	-	-

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

Sr. No.	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)]

Inventory Report for the year:2019-20

INVENTORY REPORT PIPLI ZOO FOR THE YEAR 2019-20(01.04.19 to 31.03.2020)

Endangered Species *

S.No.	Animal Name	Scientific Name	Opening stock as on 01-04-2019				Births			Acquisitions			Disposal						Closing Stock as on 31-03-2020					
			M	F	U	T	M	F	U	M	F	U	Transfer			Deaths			M	F	U	T		
Birds																								
1.	Peafowl	<i>Pavo cristatus</i>	1	3	-	4				-	-													
2.	Kalij	<i>Lophura leucomalanas</i>	2	2	-	4				-	-													
3.	Red jungle fowl	<i>Gallus gallus</i>	4	7	-	11			5															
4.	Grey partridge	<i>Francolinus pondicerianus</i>			4	4																		
Total Birds			7	12	4	23			5	-	-							1	2	7	11	7	25	
Mammals																								
1	Lion	<i>Panthera leo</i>	1	1	-	2	-	-	-	-	-													
2	Panther	<i>persica</i>	1	1	-	2	-	-	-	-	-													
3	Jackal	<i>Panthera Pardus</i>	3	3	-	6	-	-	1	-	-	-												
4	Black buck	<i>Canis aureus</i>	1	1	-	2	-	-	1	-	-	-												
5	Langur	<i>Antelope</i>	1	3	1	5																		
6	Sambhar	<i>Cervicapra</i>	1	-	-	1																		
7	Hynea	<i>Semnopithecus</i>	-	1	-	1																		
8	Hippo	<i>entellus</i>	1	1	-	2																		
		<i>Rusa unicolor</i>																						
		<i>Hyaena hyaena</i>																						
		<i>Hippopotanmus amphibius</i>																						
Total Mammals			9	11	1	21			2	-	-	-						1		8	11	3	22	
Reptiles/ Amphibians																								
1	Crocodile	<i>Crocodylus</i>	3	3	-	6				-	-													
2	Gharial	<i>Palustris</i>	1	3	-	4				-	-													
		<i>Gavialis gangeticus</i>																						
Total Reptiles Amphibolies			4	6	-	10				-	-									4	6	-	10	
Grand Total			20	29	5	54			7									1	1	2	19	28	10	57

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	Kalij	Lophurs leuomelana	F	-08-2019	
2	Red jungle fowl	Gallus gallus	M	12-12-2019	Due to excessive loss of blood.
3	Red jungle fowl	Gallus gallus	M	12-12-2019	Due to excessive loss of blood.
4	Blackbuck	Canis aureus	M	26-01-2020	The animal had died due to respiratory failure

28. Compliance with conditions stipulated by the Central Zoo Authority

Sr. no	RZR 2009 Norm No.	Condition Stipulated	Time Period to comply	Since pending when	Status with regard to compliance of the conditions
1	General Requirement				
1.	10.1 (1)	The zoo should take exchange programme for animal species housed in the zoo for infusion of new blood.	Immediately	No needs	No needs
2.	Administration and Staffing Pattern				
2.	10.02 (1)	The appointed Officer-In-Charge of the Zoo should be delegated adequate financial and administration powers for taking immediate decisions concerning health and welfare of the captive wild animals.	Immediately	-	Officer-in-charge of Zoo has been delegated adequate Financial and Administrative powers
3.	10.02 (2)	The zoo should deploy Biologists & Education officer at zoo sine it is housing endangered species of animals.	One year or as early as possible.	-	Proposal is being sent to higher authorities.
3.	Development and Planning				
4.	10.03 (1)	The zoo should get Master Plan for its development approved by the Central Zoo Authority.	Immediately	-	Master Plan has been approved by the Central Zoo Authority.
4.	Animal housing, display of animals and animal enclosures				
5.	10.04 (6)	The tyre used in bird enclosure as enrichment artefact should be removed immediately. The natural artifact only should be provided for enrichment.	Three Month	-	Work has been completed in prescribed time
6.	10.04 (10)	The Signage's needs improvement in terms of language. Presently the English language is used for displaying adequate detailed scientific information about species. The signage's should also be prepared in Hindi Language opting it as primary language.	Three Month	-	Work has been completed in prescribed time
5.	Upkeep and healthcare of animals.				
7.	10.5 (8)	The schedule of vaccination and de-worming of	Immediately	-	Being done

		each species housed in zoo should be displayed at the keeper gallery/night shelter of respective enclosure.			
8.	10.5 (10)	The Keeper's Diary Reports, Animal History Cards and Treatment Cards should be prepared as per the Central Zoo Authority specified standards/format.	Immediately	-	Done as per Central Zoo Authority specified standards/format.
6.	Veterinary and Infrastructure Facilities				
9.	10.6 (5)	The veterinary support staff should be deployed in the zoo.	Immediately	-	V.S. provide the veterinary support
9.	Acquisition and breeding of animals				
10.	10.9 (4)	The Blackbuck (1:0:0) & Hyena (0:1:0:) are housed single sexed at present. They should be paired by acquiring mate else they should be shifted to nearby recognized zoo with appropriate housing facility	Three Month	-	Black buck pairing done and pairing of hyena will be done soon
11.	10.9 (10)	The zoo should practice mock drills for disaster management plan for managing any such incidence in future.	Immediately	-	Being done
10.	Research Activities				
12.	10.10 (1)	The zoo should provide opportunity to the students from local educational institutions for their research activities. The zoo should also take up need based research by collaborating with local university/institutions.	One year	-	Being done
11.	Education and Outreach Activities				
13.	10.11 (1)	The zoo should carryout various educational activities by involving local educational institute or with the help of volunteers for raising awareness about conservation of wildlife among general public and students etc.	Immediately	-	Being done
12.	Visitor Facilities				
14.	10.12 (1)	The zoo is situated on the main Delhi-Chandigarh National Highway. It should have the cloak rooms and Kiosk for the visitors. The equipments like Public Announcement systems and fire alarm etc. helpful during emergency should also be provided.	Immediately	-	Cloak room and Kiosk are available

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

a. Mammals

1. Rhesus Macaque
2. Hare
3. Porcupine

b. Birds

1. Indian Peafowl
2. Brown Francolin
3. Common Quail
4. Comb Duck
5. Common Kingfisher
6. Rock Pigeon
7. Shikra
8. Little Cormorant
9. Little egret
10. House Crow
11. Common Myna
12. Red-Vented Bulbul
13. Purple Sunbird
14. House Sparrow
15. Baya Weaver
16. Dhanesh
17. Black Headed Munia

c. Reptiles

1. Monitor Lizard
2. Cobras
3. Squirrel
4. Mongoose