

No.C.I.4/_____/_____
Himachal Pradesh Forest Department.

Dated Kullu, the/_____/_____

From:

Divisional Forest Officer,
Wildlife Division, Kullu.

To:

The Member Secretary,
Central Zoo Authority,
Bikaner House, Annexe VI,
Shahjahan Road, New Delhi-110011

Subject: Submission of statutory Annual Report of the Nehru Pheasantry to the Central Zoo Authority for the year 2016-17- regarding.

Sir,

Kindly refer to this office letter No. 18-2/2017-CZA dated 26.04.2017 on the subject cited above.

2 In this connection, it is submitted the Annual report for the year 2016-17 of Nehru Pheasantry mentioning activities and compliance of the conditions stipulated under the Rule 10 of the recognition of Nehru Pheasantry Rules.2009 is enclosed for your kind perusal and necessary action please.

Encl. as above

Yours faithfully,

Divisional Forest Officer,
Wildlife Division, Kullu.

Endst. No. C.I.4/_____/_____ / Dated Kullu, the/_____/_____

Copy is forwarded to CF. GHNP Shamshi for information please.

Yours faithfully,

Divisional Forest Officer,
Wildlife Division, Kullu.

ANNUAL REPORT

NEHRU PHEASANTRY MANALI

1. ACTIVITIES OF PHEASANTRY FOR THE YEAR 2016-17 AND FUTURE ACTIVITIES PLAN 2017-18

2. COMPLIANCE OF THE CONDITIONS STIPULATED UNDER RULE 10 OF THE RECOGNITION OF ZOO RULES,20009

Divisional Forest Officer,
Wild Life Division, Kullu.

1. ACTIVITIES OF NEHRU PHEASANTRY FOR THE YEAR 2016-17

Sr. No.	A) Achievement of works done in Nehru Pheasantry as per requirement of CZA during 2016-17	
	Activities (Non recurrent Activities)	Compliance
1.	Infrastructure development and maintenance : New	
	C/o enclosure for Western Tragopan.	Needful done
2.	Entry gate	
	C/o Entry gate for Peasantry.	Needful done
4.	Maintenance.	
	C/o Path and Ramp and lawns.	Needful done
5.	Animal Welfare - Environmental enrichment.	
	Enrichment of enclosure with bushes and shrubs etc.	Needful done
	Foot bath at entrance of each enclosure	Needful done
6.	Zoo Education and Outreach Programs.	
	Signage's , Displays	Needful done
7.	Security and Monitoring –CCTV Monitoring	
	CCTV Camra	Needful done
8.	Boundary wall/ fencing	
	i) Construction brick wall separating residential colony from pheasantry.	Needful done
	ii) C/o railings	Needful done
	iii) Hedges in between stand of barriers in all enclosures	Needful done
10.	Solar lights	
	Solar lights	Needful done
	Activities (Recurrent Activities)	Compliance

1.	Medicines and Supplements	
	i) First aid kit and anti snake venom	Needful done
B) Achievement of works done in Conservation & Breeding Centre Manali in 2016-17		
	Activities (Non recurrent Activities)	Compliance
1.	Infrastructure development and maintenance : New	
	C/o of Chowkidar Quarter	Needful done
2.	Entry gate	
	Entry gate	Needful done
4.	Capacity building	
	i) Up gradation of information cum interpretation centre.	Needful done
5.	Security and Monitoring –CCTV monitoring	
	i) CCTV	Needful done
6.	Boundary wall/fencing	
	Solar light	Needful done
8.	Visitor Amnesties	
	i) C/o Library	Needful done and shall completed in 2017-18
9.	Parking space	
	i) C/o Entry gate for information Centre	Needful done
10.	Zoo campus-Habitat management.	
	i) Irrigation Facilities/ Kuhl from old Manali to Peasantry.	Needful done

Divisional Forest Officer,
Wild Life Division, Kullu.

Sr. No.	A) Plan of activities/ works to be done in Nehru Pheasantry as per requirement of CZA during 2017-18	
	Activities (Non recurrent Activities)	Remarks
1.	Infrastructure development and maintenance : New	
	i) Enclosure for Chukor	As per CZA approved layout Plan
	ii) Rescue cage for Birds and Pheasant.	
	iii) Rescue Cage for Leopard.	
	iv) C/o Store in the peasantry.	
	v) C/o Rain Shelter near water pond.	
	vi) Lawn development around pond	
	vii) Conference room facilities in I centre	
2.	C/o New Roads/Paths/fencing/WHS	
	i) Pond improvement cum WHS	
	ii) Benches,sitting places etc	
	iii) Road side fencing	
	iv)Repair of paths	
3	Water supply and storage tanks	
	i) C/o water storage tank	As per CZA requirement
	ii) C/o Drinking water facility	
4	Boundary wall/ fencing	
	i) C/o boundary wall around security hut and keeper shed	As per CZA approved layout
5	Security guards.	
	i) C/o of Keeper shed	
	ii) C/o Security hut	
6	Visitor Amnesties	
	i) C/o toilet in peasantry.	
	ii) C/o Rain Shelter in b/w off display-1&2	

	Recurrent Activities- Maintenance.	
1.	Infrastructure	
	i) Repair of off display-1	
2.	Capacity building/trg/Research & monitoring	
	i)Trg & workshop of Staff	
	ii)Exposure visit	
3.	Wildlife protection & conservation Activities	
	Vety facilities(medicines, handling & rescue equipments, cages etc	
4.	WL Awareness & education	
	Signages,dustbins,publicity materials	
5.	Soil & Moisture Conservation	
	i)Check walls toward Manalsu nalla	
6	Security and Monitoring	
	i) Rescue equipments (Ropes, Ladder, Nets Etc.	As per requirement
7	Operational Charges	
	i) Contingency (unforeseen expenditure including natural calamity, recue operation and treatment and up keep of animals.	As per requirement
B) Plan of activities/ works to be done in Conservation & Breeding Centre Manali in 2017-18		
	Activities (Non recurrent Activities)	Remarks
1.	Infrastructure development and maintenance : New	
	i) Office and administrative blocks	As per CZA requirement
	ii) Furniture, Furnishing and completion biologist room.	
	iii) C/O Store	
	iv) Painting of I centre	
	v) c/o Old Manali Gate	
2.	Water supply and storage tanks	As per requirement
	i) C/o water storage tank	
	ii) C/o water storage tank in residential colony	
3	Boundary wall/fencing	

	i) Brick wall around CBC separating it from pheasantry with gate	As per CZA
	ii) Stone fence wall	
4	Landscaping	
	i) Leveling and developing of CBC compound and landscaping	As per requirement
5	Visitor Amnesties	
	i) C/o Library	Books and shelves shall be procured and furnished.
	ii) Water cooler facility	
6	Parking space	
	i) Up gradation of parking facility	As per requirement
	Activities (Recurrent Activities)	Remarks
1	Capacity building/trg/Research & monitoring	
	i)Trg & workshop of Staff	
	ii)Tags,microchipping of Pheasants	
2	Wildlife prptection & conservation Activities	
	Vety facilities(handling equipments etc)	
	Incubator cum hatcher	
	Cod room/egg tray/cabinet etc	
3	WL Awareness & education	
	Signages,publicity materials	
4	Other Activities	
	i) Hiring of Chowkidar	Efforts to seek permission from govt. of HP on outsourcing basis
	ii) Hiring of animal attendant	
	iii) Hiring of animal attendant	
5	Operational Charges	
	i) Unforeseen expenditure including natural calamity, rescue operation and treatment and up keep of animals.	As per requirement

Divisional Forest Officer,
Wild Life Division, Kullu

**2. COMPLIANCE OF THE CONDITIONS STIPULATED UNDER RULE 10 OF
THE RECOGNITION OF ZOO RULES,2009**

A) Reference office letter F. No. 19-35/93-CZA (98) (M) dated 28.11.2007

B) Reference office letter F. No. 19-35/93-CZA (98) (M) dated 08.10.2010

C) Reference office letter F.No.19-35/93-CZA(98)(Vol.1) (NS)/ 8070dated 17.11.2015

Divisional Forest Officer,
Wild Life Division, Kullu.

A) Reference office letter F. No. 19-35/93-CZA (98) (M) dated 28.11.2007

Sr. No	Relevant Norm No	Condition	Compliance report
1. General			
1.	2	The Pheasantry shall not acquire any pheasants without the permission of the Chief Wildlife Warden under Section 11 (1) (a) and the Central Zoo Authority under Section 38I of the Act.	Instruction of CZA fully implemented
2.	8	The Pheasantry should be encompassed by a perimeter wall/ chain link fence/ hot wire barrier to prevent free ranging animals coming inside the Rescue Centre.	Needful done
2. Animal enclosure –Designs, Dimensions and other Essential Features			
3.	15	The aviaries in the Pheasantry Centre should be so designed as to fully ensure the safety of the animals and caretakers.	Designed as per CZA recommendations
4.	16	The Pheasantry Operator should create/ modify/ improve animal housing (for the targeted species identified under the Master Plan). The animal enclosures in the Pheasantry should be so designed as to meet the biological requirements of the animals housed therein. The enclosure should be of such size as to ensure that the animals get space for their free movement and exercise.	Needful done as per CZA guidelines.
5.	20	The designing of animal enclosures for endangered species should have got prior approval of the Central Zoo Authority before its construction.	Needful done
3. Hygiene, feed and upkeep			
6.	21	The Pheasantry operator should ensure timely supply of wholesome and unadulterated food in sufficient quantity to each animal as their required.	Needful done
7.	25	The veterinarian should be instructed to	Needful done

		explore the use of such disinfectant which should not harm the animal housed therein rather using chemical disinfectant.	
4 Animal Care, Health and Treatment			
8.	26	The Pheasants shall be handled only by the staff having appropriate experience and training in handing the animals. Every care shall be taken to avoid discomfort/ behavioral Stress or physical harm to any animal. The Operator may get in touch with the Director, M. C. Zoological Park, Chhatbir who shall be organizing training for keepers during the month of December, 2007 funded by the CZA.	Animal handled by experienced staff and vety doc only
9.	30	The Pheasantry shall maintain animal history sheets and treatment cards in respect of each animal/ bird of endangered species.	Needful done
5. Veterinary facilities			
10.	31	The veterinary unit shall have provision of isolation and quarantine wards to take care of newly arriving and sick animals / birds as to minimize the changes of infections spreading to other animals housed at the Rescue Centre.	Vety facilities are being upgraded.
11.	33	The Pheasantry shall have at least a treatment room in the premises where routine examination of animals can be undertaken and immediate treatment can be provided.	Biologist room stand constructed
14	34	Any animal that dies in the Pheasantry shall be subjected to a detailed post-mortem operation by a veterinarian registered with the State Veterinary Council or Veterinary Council of India and findings of the operation shall be recorded and maintained for a period of at least six year	Needful done

6. Maintenance of Records and Submission of inventory to the Central Zoo			
13.	42	The records of birth, acquisition, disposals and deaths of the pheasants should be maintained. The inventory of the animals in the zoo as on 31 st march of every year shall be submitted to the Central Zoo Authority by 30 th April of the same year.	Needful done
14.	43	A brief summary of the death of pheasants in the Pheasanry for every financial year, along with the reasons of death identified on the basis of the postmortem report and diagnostic tests should be submitted to the Central Zoo Authority.	Needful done
7. Development & Planning			
15.	51	The Pheasanry shall prepare a theme based long-term (for a minimum period of 10 years) master plan for its development including a management plan for next six years giving details of the proposals and activities of development during the period. The copies of the said plan shall be sent to the Central Zoo Authority.	Master layout Plan is dully approved and MP shall be shortly submitted for approval during Sept 2107.

Divisional Forest Officer,
Wild Life Division, Kullu.

B) Reference office letter F. No. 19-35/93-CZA (98) (M) dated 08.10.2010

Sr. No	Relevant Norm No	Stipulated Condition	Compliance report
1. General			
1.	6	(a) The cage constructed for rescued birds at display area should be dismantled and shifted to backside at off display area.	Dismantled and shifted
		(b) The sick birds under treatment housed in rescue cage should not be opened for visitors.	Needful done
		(c) The broken enclosure having good environment may be repaired and used for pheasants.	Repaired and new are also constructed
		(d) The enclosure used for rescued bear may be improved enriching and use for birds.	Needful done
2.	7	(a) Provision for door/ to close be provided at the broken peripheral wall to prevent of stray dogs.	done
		(b) The fencing erected at the river bank side has been damaged and serve no purpose. Same may be either revamped or removed & used to fence around conservation breeding site.	Revamped and CBC site is also dully fenced with concentric wires also.
2. Animal enclosure Designs.			
3.	15	Standoff barrier with line hedge at enclosure of Monal and Kalij pheasant need to be extended up to the visitors view site for safety of birds from stray dogs.	Needful done
4.	16	Plantation of bushes to provide shelter, security inside the enclosure may be carried out.	Needful done by enclosure enrichment
3. Hygiene, feed and upkeep			
5.	21	Although birds look apparently healthy but no breeding had taken place ever. The diet schedule may be reviewed in consultation with other Peasantry or Zoo.	Being regularly observed
6.	26	Staff/ officers may be sent for training whenever conducted by zoos sponsored Central Zoo Authority.	Efforts are always to stress on trg

4	Breeding programmes		
7.	39	<ul style="list-style-type: none"> The zoo is coordinating zoo for conservation Breeding of Monal Pheasants. 	
		<ul style="list-style-type: none"> So far periphery wall has been constructed. Construction of enclosures should be expedited. 	CBC Breeding enclosures has been constructed for H. Monal as per stipulations & designs.
		<ul style="list-style-type: none"> Design of enclosures of Conservation Breeding Centre be ensured in consultation with Central Zoo Authority before construction. 	
		<ul style="list-style-type: none"> The area needs to be fenced again to prevent the visitors & stray dogs to go to Conservation Breeding Centre site. 	Needful done
		<ul style="list-style-type: none"> Hospital and logistic building shown in layout within the wall of Conservation Breeding Centre should be shifted to outside of wall. 	Biologist Room has been constructed for CBC, well cordoned off from CBC by wall.
		<ul style="list-style-type: none"> Landscape as shown in layout inside the wall is not required. 	Being observed
5.	Education		
8	45	Signages with scientific information of the birds be displayed in each enclosures. Warning signages and directional signages in enclosure and zoo entry be placed.	Needful done
9	46	Leaflets, guidebooks may be published for visitors.	Needful done

Divisional Forest Officer,
Wild Life Division, Kullu.

C) Reference office letter F. No. 19-35/93-CZA (98) (Vol. 1) (NS)/8070 dated 17.11.2015

Sl. No	Norm No	Condition Stipulated	Compliance report
General Requirement			
1.			
1.	1(3)	Directional signage should be provided at each crossing for smooth movement of visitors	Needful done
2.	1(6)	A wall needs to be constructed to separated residential colony from zoo premises.	Needful done
3.	1(9)	The second gate needs to be strengthened to check entry of stray animals.	Needful done.
3. Development and Planning			
4	3(4)	The animal collection plan should be prepared as per CZA format.	Needful done wrt the collection plan for Pheasants.
5	3(6) (d)	A copy of detail of rescue birds must be sent to CZA.	Needful done
4. Animal housing display of animals and animal enclosures			
6	4.(5) & 4(6)	A) The area of enclosure of Chukor should be increased.	(A&B): Work shall be completed during 2017-18 FY.
		B) The floor of Chukor enclosure should be kaccha.	
		C) Bushes and shrubs should be planted in all enclosures.	(C) Needful done.
7	4(9)	Hedge in between stand of barriers should be provided in all enclosures.	Needful done.
8.	4(10)	A) Directional and warning signage's should be provided in all enclosures.	Needful done by providing animal signages, warning & directional signages and also awareness signages showing comparative account of 7 HP Pheasants
		B) Animal signage for Monal should be installed.	
5. Upkeep and Health Care			
9.	5(1)(a)	Chukor and Bar headed geese should be kept in social group.	Efforts are on for doing needful during (2017-18).
10.	5(1)(g)	Foot bath should be provided at the entrance of each enclosure.	Needful done
11.	5(2)(6)	The food and water samples should be got tested randomly.	Needful done
12.	5(3)(4)	A written schedule for vaccination should be prepared and kept near enclosures.	Needful done
13.	5 (3) (5)	The operator should be prepare and use keeper diary, daily report, animal treatment card, animal history card and studbook.	Needful done and stud book shall also be prepared during 2017-18

14.	5(3)(6)	The staff involved in the healthcare of animals should be screened against zoonotic diseases once every year.	Needful done
7. Post-mortem and disposal of carcasses of animals			
16.	7(2)	Post-mortem findings of animals /birds that dies in the peasantry should be recorded in CZA format	Needful done
9. Acquisition and breeding of animals			
17.	9(4)	Mates for Chukor and Bar headed geese should be procured from recognized zoos.	Efforts are on for the same and the observation shall be complied soon.
18.	8(6) (b) & 9(8)	The following works should be taken by the forest department of Himachal Pradesh for conservation breeding of Monal. A) May hire a biologist at its own cost to maintain records, behavioral observation and enrichment of aviaries, breeding in consultation with co-coordinating zoos and other recognized zoos.	For Conservation Breeding of Monal, guidance is taken from Biologist hired by HP WL wing at Sarahan Pheasantry time to time and efforts are also to hire biologist during 2017-18 and has sought permission for the same during 2017-18. <i>For first time a chick hatched from one out of 3 pair of Monal from CBC but survived only a month. Moreover 10 chicks of Kalij hatched are healthy and safe during 2017-18.</i>
6. Visitor Facilities			
18.	12(1)	A) Directional signages should be provided at every crossing at the zoo.	Needful done
		b) Roads, Paths and lawns should be made smooth and presentable.	Needful done and further improvement shall be done in 2017-18
19.	12(2)	First-aid kit and anti snake venom should be kept at the zoo premises.	Needful done.
21.	12(3)	Ramp should be made for handicapped visitors.	Needful done

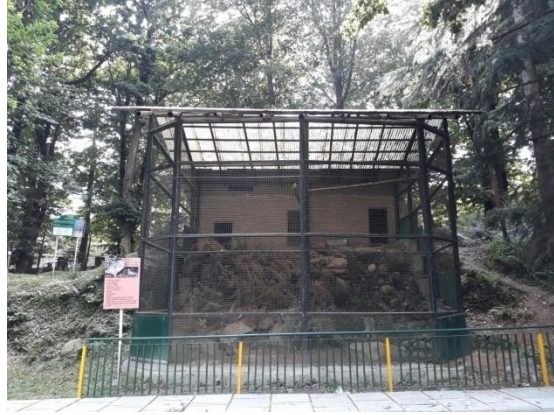
Yours faithfully,

Divisional Forest Officer,
Wild Life Division, Kullu.

Some works done during 2016-17







Divisional Forest Officer,
Wild Life Division, Kullu.