

#### Assistance to Bharatpur Bird Sanctuary

†2295. SHRI ASHK ALI TAK: Will the Minister of ENVIRONMENT AND FORESTS be pleased to state:

(a) the details of the amount granted by the Central Government to Ghana Birds Sanctuary of Bharatpur in Rajasthan during the last five years, item-wise;

(b) whether it is a fact that migration of foreign birds in Ghana Birds Sanctuary is coming down each year due to increasing pollution and shortage of water therein; and

(c) if so, the details of steps being taken by the Central Government in this regard?

THE MINISTER OF STATE OF THE MINISTRY OF ENVIRONMENT AND FORESTS (SHRI JAIRAM RAMESH): (a) The details of the amount granted by the Central Government to Ghana Birds Sanctuary of Bharatpur in Rajasthan, under the Centrally Sponsored Scheme of 'Integrated Development of Wildlife Habitats' during the last five years, item-wise is at Statement (See below).

(b) and (c) As reported by the State Government of Rajasthan, there has been a reduction in the number of birds visiting the Park. Various reasons including shortage of water, disruptions along the migratory route, etc have been attributed to this reduction. However, there is no direct evidence of pollution affecting the number of migratory birds visiting the Bharatpur Bird Sanctuary. The important steps taken by the Government in this regard include:

(i) The State Government has completed the Chiksana Canal project which would draw 50 million cubic feet of flood water to Keoladeo National Park during the monsoon period. Further, four deep bore wells and two new shallow bore wells have also been dug inside the Park.

(ii) In order to bring a permanent solution to the water crisis faced by the Keoladeo National Park, a project was formulated that envisaged drawing about 350 million cubic feet water from Govardhan Drain for the Keoladeo National Park during monsoon every year through about 17 Kms. long dedicated underground pipeline. A team of the Planning Commission had inspected the project site in August 2008 and the project had been approved 'in principle'. An amount of Rs. 6.00 crore, against the Rs. 20.00 crore sanctioned by the Planning Commission, was released by the Ministry of

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†Original notice of the question was received in Hindi.

Finance to the Government of Rajasthan for construction of Govardhan Drain to solve the problem of supply of water to Keoladeo National Park. The remaining amount of Rs. 14.00 crore is to be borne by the State Government out of the overall allocation of Planning Commission to the State Govt.

(iii) Another project to divert Chambal river water to Mallah of Bharatpur for domestic purposes, is in progress. As informed by the State Government, about 310 million cubic feet of water per year for initial four years and about 62.5 million cubic feet of water per year after four years would be made available to the Park from this project.

(iv) The Keoladeo National Park has been designated as a UNESCO World Heritage Site under the Natural Heritage Sites category due to its uniqueness. A UNESCO funded project is also in operation for better management and improved co-ordination amongst all stakeholders of the National Park.

#### ***Statement***

*Details of the amount granted by the Central Government to Ghana Birds Sanctuary of Bharatpur in Rajasthan during the last five years, item-wise*

***Year 2005-06***

Sl.No.	Item of work	Allotment
1	2	3
1	Eco restoration planting & maintenance & 1 ha at Block A	0.50
2	Removal of <i>Prosopis</i> , <i>Ipomoea</i> etc (all block)	3.00
3	Deepening of main & feeder cannal (selected points)	1.50
4	Augmentation of water through the existing borewells & creation of two additional borewell (selected points)	3.00
5	Construction of boundary wall (selected points)	15.00
6	Raising of boundary wall (selected Points)	5.00
7	Strengthening the periphery & feeder roads	2.00

1	2	3
8	Construction & Renovation of viewing platforms	1.00
9	Renovation of rest house & office	1.50
10	Purchase of invertors	0.50
11	Purchase*of publicity articles	0.50
12	Conduction nature camps	0.25
13	Cattle health camps all EDCs	0.50
14	Promotion of alternate livelihood option & entry point activities in the village all EDCs	1.50
15	Purchase of research equipments	1.75
16	Purchase of fire fighting equipments & tractor mounted machine	0.20
17	Addition & renovation of toilets	0.15
18	Training of guides staff & rickshaw pullers	1.00
19	Vocational training to youth on nature interpretation.	0.50
20	Purchase of battery operated vehicle 1 no.	3.00
21	Purchase of Motor Cycles 2 no	1.00
Total		43.35

*Year 2006-07*

1.	Eco-restoration (electric fencing)	0.50
2'	Removal of weed	3.50
3	Construction of one watch tower	5.00
4	Renovation of sluice gate	0.50
5	Digging of deep bore hand pump desilting of old well	5.00
6	Construction of boundary wall	13.00
7	Strengthening of road network	1.00

1	2	3
8	Strengthening of wireless network	1.00
9	Purchase of motor Cycles and Bicycles	1.30
10	Catching transportation of dog- stray cattle Monkey	0.50
11	Construction and renovation of viewing platform	1.00
12	Renovation of office	1.00
13	Purchase of battery operated Tempo	0.80
14	Publication and publicity articles	0.50
15	Nature camps	0.35
16	Cattle health camp	0.25
17	Promotion of alternate livelihood option and entry point activities	2.00
18	Purchase of tranquillisation equipment	1.00
19	Purchase of equipments for research	1.00
20	Procurement of books films close circuit cameras, TV	1.00
21	Annual census	0.20
22	Maintenance of vehicles	0.50
23	Maintenance of building	0.50
24	Electric Connection for deep bore well 2 no.	4.00
Total		45.40
<i>Year 2007-08</i>		
1	Eco restoration (electric fencing) 1 ha 2006-07	0.50
2	Construction of one watch towers 2006-07	2.50
3	Tall planting of indigenous species in selective places using tree guards/fencing	0.495

1	2	3
4	Creation of advance closures in area from where <i>P. juliflora</i> has been removed	
5	Planting along boating canal in blank patches	1.005
6	Contour survey of KNP	1.50
7	Creation of one new deep water body of size 135x60 mts & 1.5 mt depth in Block D	4.98
8	Digging of water guiding channel	0.40
9	Extension of pipelines to ensure more water availability (location as per APO)	1.21
10	Creation of new water holes (location as per APO)	0.10
11	Creation of new water holes (location as per APO)	0.40
12	Reconstruction of damaged water inlets/outlets etc. (location as per APO)	0.30
13	Improvement of peripheral road	1.80
14	Procuring patrolling kits for field staff	1.60
15	Training in legal procedures/use of weapons and fire fighting equipment	0.25
16	Organization of nature camps	0.25
17	Organization of cattle breed improvement camps as part of the eco-development activity	0.15
18	Creation of bore wells/hand pumps in villages and schools part of eco-development activities	
19	Purchase of satellite imageries books and firms	
20	Construction and raising of boundary wall	11.40
21	Weed eradication of <i>P. juliflora</i> water hyacinth <i>Ipomoea</i> , <i>Typha</i> etc. from the water bodies	10.00

1	2	3
22	Upkeep of internal road network	1.50
23	Repair of old mounds (location as per APO)	0.50
24	Repair of canal bunds (location as per APO)	1.00
25	Deepening & cleaning of main canal and secondary canals	1.008
26	Organizing vaccination camps of cattle	0.15
27	Desilting and further deepening of existing water body in block D of size 135x75x1 mt.	3.34
28	Repair Maintenance & Upgradation of sluice gates grill culverts hum pipes etc.	0.50
29	Maintenance of Dr. Salim Ali interpretation centre	3.00
30	Publication of publicity materials	0.50
31	Upkeep of existing fire lines & controlled burning between stonewall and peripheral road	2.00
32	Maintenance & carpeting of the existing 8.45 Km.	1.49
33	Renovation and repair of chowkies and nakas	0.30
34	Annual census	0.20
Total		25.488

*Year 2008-09*

1	Planting of tall indigenous species in selective places using tree guards/fencing in Block C	1.500
2	Purchase of Solar Water pumps for augmenting water supply at Koladehar	2.000
3	Creation of new Water holes, bunds and extension of pipeline to augment water supply.	1.500
4	Construction of boundary wall to strengthen protection.	15.000

1	2	3
5	Strengthening wireless net work	1.500
6	Construction and upgradation of viewing platforms at Bakalia & Barriar	0.500
7	Providing patrolling kits to field staff	2.000
8	Construction of fire watchtower in Block L2.	4.000
9	Removal of weeds	2.000
10	Repair of old mounds for facilitating the nesting of birds	1.000
11	Desilting and further deepening of existing water body in Block D of size 135x75x1 mts.	2.000
12	Repair, maintenance and plugging of sluice gates, grills, culverts, humes pipes etc	1.000
13	Renovation of existing water bodies (Block D & K)	1.000
14	Repair of canal bunds at Aghapur to Bhainsa mori	1.000
15	Upkeep of internal/peripheral road network for strengthening protection.	5.000
16	Upkeep of existing fire lines & controlled burning	0.200
17	Cattle health camp	0.300
18	Purchase of electrolyte and diesel for augmentation of water supply from existing deep/shallow bore wells	4.500
19	Conducting Nature camps to stakeholders	. 0.300
20	Purchase of Batteries for Electric vans in the Sanctuary.	3.500
21	Upkeep of fiber glass boats used in protection	0.250
22	Upkeep of ticketing machine	0.350
23	Replacement of fiber glass boats in protection	1.500
24	Replacement of ticketing machines	0.500

1	2	3
25	Ecological monitoring of birds	0.250
26	Maintenance of buildings	3.000
	Total	41.825

*Year 2009-10*

**Non recurring activities**

1	Construction of Cattle impounding structure	0.500
2	Purchase of digital camera and accessories for monitoring	0.300
3	Construction of VRB cum sluice gate at Sankhala Hide to regulate water entry into different blocks	3.500
4	Purchase of Computer/Laptop with accessories	0.600
5	Purchase of Mist Nets for research	0.120
6	Purchase of Sherman Traps for research	0.020
7	Redesigning the entrance gate and signage of the park suiting a world heritage site	0.500
8	Breaking of Canker Pan using sub-soiler	1.000
9	Creation of new mounds and repair of old mounds	0.500
10	Construction of New boundary wall	45.600
11	Patrolling kits for the field staff	1.500
12	Retrofitting measure- Underground cabling of overhead electric lines	10.750
13	Running and Maintenance of vehicles (2 Gypsies] two electric tempos] 1 Canter, 1 tractor & 6 Bikes)	2.000
14	Publication of brochures	0.500
15	Up-gradation of Shanti Kutir Rest House, and Van Chetana Kendra	3.000



1	2	3
16	Up-gradation of Salim Ali Interpretation Centre	0.500
17	Up-gradation of road network used in protection	3.000
18	Control of undesirable species of plants like water hyacinth, <i>Ipomea</i> , <i>Lantana</i> etc.	0.200
19	Removal of invasive African Catfish ( <i>Clarias gariepinus</i> ) from wetland	0.150
20	Control of feral bulls inside the park - cost of tranquilizing drugs, syringe and charge, cost of hiring doctors	0.800
21	Cattle health camps in the villages including cost of hiring doctors	0.450
22	Biodiversity assessment of the park and aquatic vegetation monitoring	1.000
23	Raising of height of old boundary wall	4.400
24	Creation of fire lines	1.420
25	Nature Camps	0.300
26	Repair, Maintenance of sluice gates, grills, culverts, Hume pipes etc at various points in the park	0.250
27	Augmentation of water supply from bore wells, diesel for the pump sets for 5 months and water transportation to isolated waterholes during summer	4.500
28	Repair of the water entry and exit points in the park all around the park boundary	0.500
Total		87.860

#### Carbon emissions

2296. SHRI R.C. SINGH: Will the Minister of ENVIRONMENT AND FORESTS be pleased to state:

(a) whether it is a fact that India's emissions have gone up by 52 per cent between 1994 and 2007;