

ANNUAL PLAN OF OPERATIONS
FOR
BHAINSRoadGARH
WILD LIFE
SANCTUARY



Crocodile

YEAR 2007-2008

DEPUTY CONSERVATOR OF FOREST (WILDLIFE)
CHITTORGARH (Raj.)

GOVERNMENT OF RAJASTHAN
FOREST DEPARTMENT

ANNUAL PLAN OF OPERATION
FOR
BHAINSROADGARH WILDLIFE SANCTUARY
FOR THE YEAR: 2007-2008

1. NAME OF THE SANCTUARY:-

"WILDLIFE SANCTUARY BHAINSROADGARH"

(i) The Bhainsroadgarh Wildlife Sanctuary-

The Sanctuary derives its name from the historical town Bainsroadgarh. The Sanctuary lies in the civil district of Chittorgarh in South Eastern part of Rajasthan. Approximately 1/3 part of the sanctuary boundary is surrounded by "RANA PRATAP SAGAR DAM" Rawatbhata and the BRAHIMANI RIVER.

Prior to independence this area was rich in forest and wildlife and was covered by dense vegetation. The sanctuary area harbours good bio-diversity along with rare and endangered wildlife species. Forest of the sanctuary provides ecological security and ameliorated environment to the arid region of south Rajasthan which is threatened by the frequent droughts.

RANA PRATAP SAGAR DAM constructed over the Chambal River lies on the eastern limits of the Sanctuary and RAJASTHAN ATOMIC POWER STATION is only one Km away from the Sanctuary on opposite bank of the Chambal River.

(ii) Location-

The Bhainsroadgarh Wildlife Sanctuary is situated in the South-East region of the Rajasthan in Chittorgarh district , between 75° 20´ and 75° 35´ East longitude and 24° 40´ and 25° North latitude.

(iii) Approach-

The Bhainsroadgarh Sanctuary lies on the Chittorgarh-Rawatbhata road at a distance of 140 Kms form Chittorgarh. The nearest railway station and airport is "Kota" which is 50 Kms away.

2. LEGAL STATUS:-

(Date of issue of initial notification and final notification) :

The whole area of sanctuary consists of eleven blocks having total area 195.01 Sq. Km. The State Govt. has notified all the blocks. The sanctuary area has been notified by the state Govt. vide notification no. F(11)/44/Raj/8/81 dated 05-02-83 under Wild Life Protection Act 1972. Final notification by the collector, Chittorgarh vide no. 971 dated 20.8.98 & 886 dated 10.9.98.

S. No.	Name of Block	Type of forest	Area of Block (In ha.)
1	Padajhar	R.F.	2703.00
2	Kolgarh	R.F.	6086.00
3	Bandarmutha	R.F.	1925.00
4	Richha kho	R.F.	1049.00
5	Mamorgarh	R.F.	1823.00
6	Nimri	R.F.	1929.00
7	Kalakhet with Hathipaga	R.F.	2313.00
8	Mandesara Part B.C.D.F.	P.F.	750.00
9	Dudhi Talai	P.F.	593.00
10	Ratoli	P.F.	305.00
11	Gol Dngari	P.F.	25.00
TOTAL:			19501.00
Total R.F.=			17828.00
Total P.F.=			1673.00

3- NUMBER OF VILLAGES WITHIN PA:-

The following revenue villages exists inside the sanctuary-

- | | |
|-------------------|----------------|
| 1- Udpuria | 2- Bhawanipura |
| 3- Khalgaon | 4- Luharia |
| 5- Parajhar Khurd | 6- Mortuka |
| 7- Hatholi | 8- Bakhatpura |
| 9- Suthala | 10- Prempura |
| 11- Dariba | 12- Dudhitalai |
| 13- Mandesara | 14- Ratanpura |
| 15- Footpal | 16- Bahelia |
| 17- Lasana | 18- Junjhla |
| 19- Nali | 20- Kolgath |
| 21- Chainpura | |

4. STATUS OF SETTLEMENT OF RIGHTS:

The rights of the villagers in wildlife sanctuary have been settled earlier under section 24 of the wildlife (Protection) Act 1972. However in compliance of order of Hon'ble Supreme Court of India in I.A. No.548 dated 11.5.2001 in respect of I.A. No.617&619 villagers are not allowed to exercise existing rights in the Sanctuary.

5. MANAGEMENT PLAN:

(Period of Management plan also to be given) :-

The Management plan for the year 2003-2004 to 2012-13 is approved by the Chief Wild Life Warden Rajasthan vide order no F.(.)Dev.\CWLW/2145 Dated 9.02.2004.

6- CENSUS:

(POPULATION FIGURES OF IMPORTANT WILD ANIMALS DURING LAST FIVE YEARS)

As per the Census conducted during previous years the estimated figures of the important animal species in the sanctuary are listed below:-

S. No.	Name of Wild Animals	2001-01	2002-03	2003-04	2004-05	2005-06
1	Panther	14	16	12	13	12
2	Hyena	45	17	17	24	18
3	Jackal	151	113	74	125	183
4	Crocodile	100	80	193	198	125
5	Indian gazelle	32	27	15	20	35
6	Fox	49	19	27	26	48
7	Porcupine	41	25	17	42	21
8	Peacock	49	129	208	426	244
9	Wolf	28	-	-	1	18
10	Blue bull	6	-	17	37	20
11	Sambhar	-	-	-	4	32
12	Wild boar	339	202	184	179	189
13	Bear	-	4	4	3	3
14	Wild cat	28	26	13	24	50
15	Monkey	124	306	748	1007	816
16	Hare	53	56	65	99	81
17	Mongoose	24	46	53	67	61
18	Civet	17	10	16	17	17
19	Python	-	-	-	3	1
20	Wild cock	-	42	30	49	51
21	Vulture	30	218	174	402	184
22	Crane	-	7	26	18	16
23	Four horned antelope	14	-	11	-	-

7. ANIMALS FOUND IN THE SANCTUARY:

The Bhainsroadgarh wild life Sanctuary is known for Crocodiles and different type of Vultures such as Red headed, Egyptian, White backed, cylinder billed, Urasion, Griffon, Indian vulture. However it is an ideal Habitat for herbivores, carnivores & varieties of territorial, arboreal and water birds.

Flora found in the sanctuary is as follows-

Panther, Python, Hyena, Wolf, Bear, Jackal, Fox, Porcupine, Mongoose, Lizards, Blue bull, Indian Gazelle, Chital, wild boar, Langoor, Wild cat etc. are common mammals.

Crocodile, Saras, Cormorant, Nakata, Kingfisher, Ibis, Chamcha, Cotton teal, Spot bolt-duck, Egrets, Storks are the water prominent aquatic animals.

Peacock, Jungal fowl, Partridge, Fly cather, Barboler, Babbler, Aba beel, Treepie, Baj, kite are common birds found in P.A.

Pintel, Vision, Mellard, Brahamani duck, Shavoler are the important migratory birds of P.A.

8. TYPES OF FOREST WITH MAJOR SPECIES:

5B Northern tropical dry deciduous forests are found on plateau and Edaphic E 1 Anogeisus pendula forest is found on hilly slopes and underlying grounds patches of Adaphic type B2 Boswellia forest. Principal species in this sub type is Dhokra, Block Bandarmutha, Kolgarh, Mamorgarh, Ravajhar and Nimri, represent the C2 Northern dry mixed, deciduous forest.

9. STAFF POSITION:-

S. No.	Name of Post	Sanctioned strength	Posted
1.	Ranger Grade I	1	1
2.	Forester	2	4
3.	Assistant Forester	2	1
4.	Forest Guard	13	8
5.	Work charged employee	16	9
	TOTAL :	34	23

10. TRAINED WILDLIFE STAFF:-

The staff posted in the sanctuary is not specially trained in the wildlife management; however the staff personnel's is trained in basic knowledge of wildlife protection by the Department during their induction training.

11. ENTRY FEE CHARGED:-

Since October 1999 the following entry fee is being charged from the visitors as per orders issued by state Govt,:-

S. No.	Particulars	Entry Fee (In Rs.)
A Individuals		
1.	Indian citizens	10.00
2.	Non Indian citizen	80.00
3.	Students (Indian)	02.00
B. Vehicles (In addition to column 'A')		
1.	Bus	100.00
2.	Gypsy, Car, Jeep, Mini Bus	65.00
3.	Auto driven two wheelers	10.00
C. Camera Fee (For other than still cameras)		
1.	Movie 8 mm-16mm and video camera used by amateur photographers	200.00 Per day
2.	Video camera and movie camera used by professional photographers	3,000.00 Per day
3.	Movie and video camera used for feature films	20,000 Per day

12. TOURIST VISITED THE BHAIROADGARH SANCTUARY DURING LAST YEARS ARE AS UNDER :-

YEAR	Tourists			Total
	Indian	Foreigner	Students	
2003-04	347	-	1470	1817
2004-05	249	-	1474	1723
2005-06	1009	-	1887	2896
2006-07				

13. SHOOTING FOR FILMS/ DOCUMENTARIES CARRIED OUT DURING LAST 5 YEARS:

No Film shooting / documentary have been done during the last five years.

14. POSTAL ADDRESS :-

Range Forest Officer
Wildlife Sanctuary Bhainsrodgarh,
H.Q. Saddle dam Rawatbhata -323305
Dist. Chittorgarh (Raj.)

15. FUNDS PROVIDED UNDER STATE PLAN DURING THE LAST YEARS:-

Year	2002-03	2003-04	2004-05	2005-06
Fund	-	12.90	13.83	1.02

16. FUNDS PROVIDED FOR SANCTUARY UNDER OTHER SCHEME:-

Provision of funds in other scheme during last five years for wildlife sanctuary Bhainsroadgarh is as under –

Year	2002-03	2003-04	2004-05	2005-06	2006-07
Fund	4.89	-	2.91	42.18	-

Provision of funds in other Schemes during 2006-2007 for wildlife sanctuary Bhainsroadgarh is as under-

S. No.	Name of the scheme	Amount (Rs. in lac)	Actual Expenditure	S. P.
1.	Rajasthan Forestry and Biodiversity Project	19.39	19.39	--
4.	C.S.S.	7.50	6.95	-

17. STATUS OF SURVEY AND DEMARCATION OF THE BOUNDARIES:

All the blocks have been surveyed by the Forest and demarcation of Settlement Officer. Boundaries have been demarcated at the time of settlement.

18. NO. OF NATURAL/ UNNATURAL DEATHS INCLUDING POACHING/ ACCIDENTAL DEATHS W.R.T SCHEDULED ANIMALS REPORTED :

A hunting case of Indian gazelle has been registered in the sanctuary area in 1999. The accused person has been arrested and a court challan has been put up to the MJM court Rawatbhata. The proceeding and hearing is in progress. After that no scheduled animal was hunted.

19. FIRE INCIDENTS IN THE SANCTUARY:-

The Forest of the Sanctuary are prone to forest fires, Occasionally ground fires incidences occur during summer which are controlled with the help of local people of Eco-Development Committees. Existing fire lines are maintained regularly subject to the availability of funds.

During 2005-2006 Existing fire lines were maintained with an amount of 39984/- Rs.under R.F.B.P.

20. TYPE AND NO. OF WEAPONS AND THEY ARE PUT TO USE:

Department has provided following weapons which are used by staff and officers during patrolling in the Forest area to prevent illicit felling and pouching: -

S. No.	Name of weapon	Nos.
1.	12 Bore Pumb action	2
2.	Country topidar Gun	1

21. TYPES AND NO. OF VEHICLES AND HOW THEY ARE PUT TO USE AND WEATHER PURCHASED FROM CENTRAL/STATE FUNDS:-

To control and protect the sanctuary area, a Bajaj Pulsar 180cc motorcycle has been given to Range Officer. It has been purchased under the Rajasthan Forestry & Biodiversity Project Scheme.

22. NO. OF VARIOUS TYPE OF WIRELESS SETS (FIXED/MOBILE/ HANDSETS) AND HOW THEY ARE PUT TO USE:-

The Sanctuary at present has four-fixed sets- Range office, Naka Luhariya, Ganeshpura, Agra and six mobile handsets. There are being used for Protection activities and communication purpose.

23. NO. OF BEATS/ SECTIONS/ RANGES :-

S. No.	Name of Range	No. of section	No. of Beats
1.	Range office Bhainsroadgarh	4	12
Total _-		4	12

24. HOW OFTEN THE VEHICLES ARE REQUISITIONED BY THE DISTRICT ADMINISTRATION :

The vehicles of wildlife are not normally requisitioned by district administration.

25. MAJOR PROBLEMS IN THE AREA:-

1. Cattle Pressure
2. Encroachment
3. Relocated person of RPS dam
4. Mutation

26. TENURE OF LAST 5 INCUMBENTS/ IN CHARGE OF THE SANCTUARY:-

S. No.	Name of officer	Rank	Duration
1.	Sh. B.S.Saktawat	Range Forest Officer	14.10.96 - 7.10.98
2.	Sh. V.K. Bissa	---"---	8.10.98 - 5.7.2K
3.	Sh. R.K. Gupta	---"---	6.7.2K - 7.10.04
4.	Sh. P.K. Saxena	---"---	8.10.04 - 27.10.05
5.	Sh. Abdul Salim	Forester	27.10.05 to till now

27. ANY OTHER RELEVANT INFORMATION:-

<u>S.No.</u>	<u>Special Features</u>
(1)	A famous temple of Lord Shiva located in the sanctuary area having a cave of 30 meter in length. In which a natural Shiv Ling located. A water-fall also exists near the temple having 35 meters height.
(2)	A number of cliffs exist in the sanctuary providing good habitat for wild animals. Some cliffs are breeding center for vultures.
(3)	Two third part of sanctuary surrounded by water of Rana Pratap Sagar dam and Brahmini River.
(4)	A number of other holly places like Kalasia Mahadev, Mordi Mahadev, Padajhar Mataji temple are situated in the sanctuary area having great opportunities of development.
(5)	There are 12 Gorges in sanctuary; it can be developed to improve Eco-tourism.
(6)	Excess Biotic pressure, presence of many revenue village causing honey combed situation thus degrading habitat quality, frequent and periodic droughts, numbers of poor herbivore constituting food chain, are the major limiting factor for the wildlife of area.

STATUS OF PROTECTED AREA

WLS	Area	Date of Notification	Section under which notified	Settlement proceeding Completed or not
Wild life Sanctuary Bhainsroadgarh	195.01 Sq.km.	F (11) / 44 / Raj . / 8 / 81 5 / 2 / 1983	Wild life Protection Act 1972 Section-18	Completed

TYPES OF THE AREA UNDER SANCTUARY

S. No.	Total Area	RF / PF / UC	Govt. Land other than Forest Land	Private Land	Water Bodies
1.	195.01 Sq.km.	-	-	-	-

**DETAILS OF ITEM OF WORKS PROPOSED
FOR THE YEAR : 2007-08**

Item of works	Para of Management Plan which specifies this item	Qty.	Rate		Location	Site specific Justification
			Per Unit	Total cost in lac.		
A-PROTECTION SYSTEM						
(1) Demarcation of Boundary pillars and their maintenance	Chapter-12 Item No. A.1 Page-81	100 No.	950 /-	0.95		
(2) Creation of Physical barriers (Pucca wall)	Chapter-12 Item No. A.2 Page-81	1000m.	1000/-	10.00		
(3) Construction of Watch tower	Chapter-12 Item No. E.8 Page-85	1 No.	2.00	2.00		
(4) Purchase of Motor vehicle 4.1. Fuel & maintenance	Chapter-12 Item No.A.6 Page-81	-	-	0.75		
(5) Construction of Fire line	Chapter-12 Item No.A.7 Page-81	20Km.	5000/-	1.00		
(6) Maintenance & Repair of forest Road	Chapter-12 Item No.A.9 Page-81	10 Km.	5000/-	0.50		
B-DEVELOPMENT OF INFRASTRUCTURE						
(1) Construction of Checkpost/ Forest Guard Chowki	Chapter-12 Item No.B.1.4 Page-82	1 No.	3.50	3.50		
C-HABITAT MANAGEMENT						
(1) HABITAT IMPROVEMENT Pucca wall	Chapter-12 Item No. 6.5.1(A) Page-48	2000 Rmt.	1000/-	20.00		
(2) Construction of closures- 1.1 New closure with SMC works 1.2 Maintenance of closure	Chapter-12 Item No. C.1.1 & 1.2 Page-83	100 Ha. 50 Ha.	- -	10.00 2.00		
(3) Drainage line treatment- 2.1 Construction of DLT 2.2 Construction of New anicut 2.3 Maintenance & repair of Old anicuts 2.4 Construction of New Nadi 2.5 Maintenance of old Nadis	Chapter-12 Item No. C.2.1, 2.3, 3.1 & 3.2 Page-83	4000cum 1 No. - 2No. 2 No.	- 5.00 - 0.60 0.30	2.50 5.00 0.50 1.20 0.60		
(4) Development of Relocation Centre	Chapter-12 Item No. C.8 Page-83	-	-	2.50		
D-PUBLICITY & AWARENESS ACTIVITIES						
(1) Printing of Awareness materials	Chapter-12 Item No. E.4 Page-85	-	-	0.20		
(2) Purchase awareness/ Publicity equipments 2.1 Slide Projector 2.2 DVD Player 2.3 Digital Camera	Chapter-12 Item No. E.7.1, 7.3 & 7.4 Page-85	1 No. 1 No. 2 No.	0.60 0.20 0.25	0.60 0.20 0.50		
Total:				64.50		

Map of Bhainsrorgarh Sanctuary

