

ANNUAL PLAN OF OPERATION 2007-2008

Name of Sanctuary - Jawahar Sagar Sanctuary

Legal status -

The Forest area of sanctuary is 193.10 Sq. Km. It was declared as wild Life sanctuary wide government notification No. F. 3 (5) Rev / 8 / 73 dated 9 oct.1955. The Forest area of the sanctuary block wise is as follows :

Sr.	Name of Forest Block (Area in Hect.)						
	Forest Blocks	R F	P F	Govt. Land other than forest	Private Land	Water Bodies	Total
1.	Borawas	3018.008					3018.008
2.	Tholanpur	635.016					635.016
3.	Ambarani	6745.92					6745.92
4.	Guda Rajpura	3014.528					3014.528
5.	Bhungar	700.00					700.00
6.	Kaniya Talav	145.000					145.000
7.	Pirmagara	3615.00					3615.00
8.	Madar Chowk	401.027					401.027
9.	Khal Gaon	124.713					124.713
10.	Balapura	289.48					289.48
11.	Shripura	425.00					425.00
12.	Bhainsrodgarh	197.00					197.00
	Total	19310.695					19310.695

3. Status of Settlement of rights –

The rights of villagers in the sanctuary area have mostly been determined but decision in some blocks of District Chittorgarh is pending. Assistant Forest Settlement Officer, Kota is doing the necessary action.

4. Management Plan –

Management Plan has been prepared and sanctioned by the complement authority i.e. CWLW Rajasthan vide their office order no. 4540/45 on dated 31-03-2005. Items proposed in the management plan for Third year are being enlisted to be executed in the year 2007-08.

5. Census of Wild Life -

As per the census conducted during the previous three years following important species were reported in the sanctuary

S.No.	Name of Species	No found in the Census			
		2003	2004	2005	2006
1.	Leopard	09	06	-	-
2.	Jungle Cat	15	16	11	-
3.	Bear	04	00	08	-
4.	Jackal	30	31	32	-
5.	Hyaena	17	15	20	-
6.	Fox	16	16	12	-
7.	Wolf	10	03	02	-
8.	Cheetal	07	07	03	-
9.	Sambar	02	03	-	-
10.	Chinkara	42	44	42	-
11.	Blue –Bull	21	08	-	-
12.	Wild Boar	14	11	27	-
13.	Porcupine	04	05	01	-
14.	Langoor	210	201	524	-
15.	Rattal	03	02	02	-

Note:- Census was not done in 2006.

6. Animals found in the Sanctuary

The animals found in the sanctuary area are Leopard, Jungle Cat , Bear, Jackal, Hyaena, Fox, Cheetal, Blu Bull, Wild Boar, Porcupine, Langoor, Peafowl, Saras, Crane, Vulture Hare etc. Crocodile and Ghariyal are also found in the Chambal River flowing through the sanctuary area.

7. Forest Type with major species –

The forest area of the sanctuary falls under the Northern tropical dry deciduous mixed forest as per the Champion & Seth's classification of the forests with main species like Dhok, Khair, Salar, Gurjan, Beel and Bamboo on the right bank of Chambal River.

8. Staff Position –

Position of staff posted in the sanctuary is as under-

S.No	Name of Post	Actually Posted	Proposed Post
1.	Range forest officer	01	01
2.	Forester	01	04
3.	Astt. Forester	03	06
4.	Forest Guard	20	50

9. Status of the Training of the Field Staff –

The staff posted in the sanctuary is not specifically trained in the management but they are imparted with the training by the department which also covers wild life management. Thus special wild life management training is required for better management of the sanctuary. This will include weapon training too. fire fighting, rescue of wild animals, communication skill, Investigation of Wild Life offences driving etc.

10. Entry Fee Charged -

The entry fee in the sanctuary is being charged from the visitors as per the Rajasthan Govt. order F. 11 (35) Forest? Dated 16.11.200

(A)

Category	Entrance Fee in (Rs.)	Eco-dev Surcharge in (Rs.)	Total Fee per person per visit (in Rs.)
a. Indian Citizens	03	07	10
b. Foreigner	20	60	80
c. Student	01	01	02

(B) Entry Fee for vehicles at the following rates :

Type of Vehicles	Entrance Fee In (Rs.)	Eco – dev. Surcharge. In (Rs.)	Total Fee per person per visit (in Rs.)
a) Bus	25	75	100
b) Gypsy/Jeep/Car MiniBus/Canter	15	50	65
c) Auto driver two wheelers	03	07	10
d) Auto Riksha	05	15	20

(C) Guide Fees : 200/- per group / person/ per day

11. Number of Tourists / Visitors :

Many tourist come to visit Jawahar Sagar Dam and surrounding sanctuary area but due to non availability of ticketing complex and staff, entry fee is not being charged. To promote Eco Tourism basic facilities are being proposed along with its publicity.

12. Shooting of films / Documentaries carried out during last 5 year :

During last 5 year no shooting for films / documentaries have been carried out in the sanctuary.

13. Postal Address :

Deputy Conservator of forests
Wild Life, KOTA
Telephone 0744- 2321263
Range Forest Officer
Wild Life, Jawahar Sagar Dam District Bundi Rajasthan.

14. Status of Survey and demarcation of boundaries -

Boundaries of the sanctuary are defined by the various roads and natural land marks. This sanctuary is consisting of various forest blocks and compartments. Its boundary pillars are yet to be constructed. A separate project for three years for construction of boundary pillars according to the priority depending upon the conditions of the area has been submitted to PCCF Survey and demarcation Rajasthan Jaipur.

15. No of natural / unnatural deaths poaching and accidental deaths of the scheduled wild animals –

S.No	Name of Animals	Date	No. of animals	Causes of Death
1.	Chinkara	04-06-99	03	Poaching

16. Fire incidences in the sanctuary -

There has been no significant fire incident in the sanctuary during last three years yet the possibility of fire specially in bamboo areas and grassy land is there, hence its fighting provision is made.

17. Type and No. of weapons -

During year 2004 -05 one revolver and four pump action guns were provided to the staff for protection of Jawahar Sagar sanctuary. This is insufficient. There is a further need to purchase one revolver and four pump action guns for protection of the sanctuary and to combat the poachers. So the provision for purchase of fire arms is made.

18. Type and No. of vehicle –

S.No	Type of the Vehicle	No.	Use	Note
1.	Motorcycle	06	Protection and inspection of developments works	Two more motorcycles are required and there is a need of running cost and maintenance of the vehicles so provision for that is made.

19. Communications system –

Wireless system is the only source of communication. Following is the position of the wireless sets.

S.No	Types of Set	Place of use	Note
1.	Fix sets	1. Naka Khera 2. Naka Kota Dam 3. Naka Sripura 4. Naka Borawas	Working condition Working condition Working condition Not in working condition
2.	Hand sets	1. 1.Chowki Teen Manzil 2. Range Jawahar Sagar 3. Sripura 4. Naka Naya gaon 5. Ghagtana 6. Watch tower	Working condition Working condition Working condition Working condition Working condition Working condition

From the protection point of view in Jawahar Sagar sanctuary new barriers/ check posts and watch towers are proposed for construction. For these barriers communication system is essential. There for the provision to purchase 10 fixed wireless sets and 5 hand sets is made.

20. Management of the sanctuary –

Jawahar Sagar sanctuary is spread over three revenue districts Kota, Bundi and Chittorgarh , Dy. Conservator of forest Kota is the administrative In charge of the sanctuary for the management of the sanctuary the area has been divided as follows –

S.No	Name of the Range	No. of Section / Naka	No. of Beats
1.	Jawahar Sagar	04	25

21. Position of the vehicle and staff requisitioned by the District administration –

During year 2006-07 no field staff & vehicles was demanded by the district administration

22. Major problems of the area –

1. Illegal grazing of the cattle of the surrounding village is the major problem in the management of the sanctuary.
2. The area of the sanctuary is 193.1 Sq.Km but the protection staff is only 25 there fore more staff is required for the proper management of the sanctuary and to handle the wireless sets , Barriers, court cases leave reserve essential .

23. Tenure of incumbents / in charge of the sanctuary

S.No	Name	Rank	Duration
1.	Sh. Durga Shankar Sharma	Range forest officer	02-06-98 To 31.12.200
2.	Sh. Lalit Singh	Range forest officer	01.01.01 To 02.02.2001
3.	Sh. Ramkalyan Mundra	Range forest officer	02.03.2001 To 27.12.2002
4.	Sh. Jagdish Dahiya	Range forest officer	28.12.2001 To 31.03.2003
5.	Sh. Kalish Sharma	Forester	31.03.2003 To 30.04.2003
6.	Sh. Rajeev Kapoor	Range forest officer	01.05.2003 To continue

JAWAHAR SAGAR SANCTUARY

(1) Status of protected area –

S.No	Total area Sq. Km	Date of modification	Section under which notified	Settlement proceedings completed or not
1.	193.10	9 th Oct.1975	18	Settlement proceeding in some block is in progress.

Total area	R.F.	P.F	Govt. land other than forest land	Private land	Water Bodies
193.105 Sq.Km	178.73	14.37	-	-	-

- (a) Wild boars were rehabilitated in the selzar area during the year 2002-2003 from the Kota Zoo.
- (b) One tiger was reported during 2003-2004 in the month of April 2003 after a long period of two decades, because the conditions have become favorable specially after check on mining after supreme court order of 6.2.96

3. Census report -

Census report is enclosed as per census report year 2004 the figure shows the number of animals which are actually sighted during water holes census.

4. Measures taken to strengthen the sanctuary -

Effective patrolling is being done in the sanctuary area by the field staff and the flying squad. Presently sufficient wireless and motorcycle & one motor boat available but two more boat is required. Also a multi utility vehicle will help in the strengthening of patrolling.

5. No. of officers trained in wildlife management -

Nil

6. Officers transferred and posted in the sanctuary -

No officer was transferred during the year 2006-2007

7. Wild Life education campaigns organized –

Educational trips and Camping made in the year 2005-2006 and it is getting momentum.

8. Outstanding contribution made towards wild life conservation -

Awareness programmes pertaining to nature and wild life were conducted to in part education in school children, college student and villagers.

Funds Recived under C.S.S From 1999 – 2000 on Words

S.No	Year	Head	Sub Head	Sanc. Amount (in Lac Rs.)
1.	1999 – 2000	-	-	-
2.	2000 – 2001	-	-	-
3.	2001 – 2002	-	-	-
4.	2002 – 2003	-	-	-
5.	2003 – 2004	2406-02-110	0016	15.79
6.	2004 – 2005	-	-	19.80
7.	2005 – 2006	-	-	13.554
8-	2006 – 2007	-	-	11.296

Works under C.S.S during 2006-2007 is as Under

S.No	Item of Expenditure	Rs. (in Lac)	Expenditure
1.	Construction of closure & planting of suitable fruit bearing species for sloth bear habitat improvement -25 ha. At Block Borabas Near Selgar	0.50	0.30
2.	Rehabilitation of degraded buffer area and area around the sanctuary -50 ha.at Block Guda Rajpura Village Guda	1.75	0.99
3.	Development of silvipastural areas for herbivores by construction of dry R/R masonry closure & sowing / planting 25 ha. at Ambarani Near Borkui	1.75	0.54
4.	Construction of Dry R/R Stone masonry Check Dams-250 cum at Gudarajpura	1.00	0.56
5.	Construction of earthen water ponds with stone pitching at Blok Borabas	1.00	0.98
6.	Construction of Anicuts at Block Borabas	5.00	--
7.	Cleaning of fire lines- 10 km.	0.50	0.49
8.	Maintenance of vehicles- LS	0.50	0.50
9.	Entry point activities in Peripheral villages- 2 villagers at Gudda, Sripura	1.50	1.50
10.	Training of Villagers - LS	0.50	--
11.	Census of wild life- LS	0.25	--
12.	Transportation of water- LS	0.50	0.06
13.	Maintenance of wireless system- LS	0.25	0.25
Total		15.00	6.17
Less Unspent Balance		1.886	
Net Release		13.114	
First Installment		9.41	

DETAILS OF ITEM OF WORK PROPOSED FOR JAWAHAR SAGAR SANCTUARY ON PRIORITY BASIS
YEAR 2007-08

Item of works	Para of management plan which specifies this item	Quantity	Rate per unit	Amount (in Lac)	Location	Site specific justification
A. Habitat Improvement						
1. Development of Silvi pastoral areas for herbivores by construction of dry R/ R masonry closure & sowing / Planting (i) Plantation Maintenance	8.3.2	25 Hac	2000 per Hect.	0.50	Ambarani Near Borkui	To develop the degraded the forest areas in to grass lands with tree cover by creating slivipasture plantation for herbivore which is the demand of the day as there hardly any grasses in the degraded areas with the result the herbivores are forced to migrate to other areas.
2- Construction of closure & planting of suitable fruit bearing species for sloth bear habitat improemnt - (i) plantation Manitenance		25 Hac.	0.005	0.125	Block Borabas	
3- Rehabilitation of degraded buffer area and area round the sancturary- 50 ha. (i)Maintenance		50 Hac.	0.02	1.00	at Block Guda Rajpura Village Guda	

4. Soil and Moisture conservation measures						
(i) construction of earthen water ponds with stone pitching	8.4.2	01	1.00	1.00	Sreepura	To conserve soil and water and providing drinking water for wild animals through out the year along with improvement of flora.
(ii) Construction of Anicuts	6.3.81	01	4-00	4.00	Sreepura	
TOTAL				6.625		
B. PROTECTION MEASURES						
5. Purchase of vehicles	10.2.6					For protection of the sanctuary area
(i) Motor Boat		1		5.00	-	
(ii) Multi utility Vehicle		1		5.00		
6. Construction of cemented masonry protection wall	10.2.1	2-00 km..	10.00 Per Km.	20.00	Borabas	Protection of Forest
7. Running and Maintenance of Vehicles	10.2.6	L.S		0.50	-	Protection of the sanctuary
8. Construction of Wireless Stations		1	2.00	2.00	Borkui	
9. Construction of Barrier Check posts		1	2.00	2.00	Borkui	
10. Assistant of Police/ Home Guard/ EDC		L.S.		1.50		For Petrolling
11. Repair of forest roads		5.00 km.	0.06 Lac Per Km	0.30		
12. Repair of Solar laltain & Light		L.S.		0.20		
Total-				36.50		

Item of works	Para of management plan which specifies this item	Quantity	Rate per unit	Amount	Location	Site specific justification
C. Eco Development						
12. Training of Villagers E.D.C.Meetings	8.3.11	L.S L.S.		0.25 0.25	-	To educate the villagers in conservation and better management of sanctuary area.
Total				0.50		
D . Research and Training						
13. Census of wild life	9.1	L.S		0.25	-	Census operation
14. Training of Staff				0.50		
15. Biannual Work shop for up gradation of management plan of the sanctuary		1		0.75		
Total				1.50		
E. Maintenance						
16. Cleaning of fire lines		10 Km.		0.50	-	To maintain the communication system
Total				0.50		
Grand Total				45.625		

OFFICE OF THE DY. CONSERVATOR OF FORESTS, WILD LIFE KOTA

S/N

Date /

To,

The Conservator of Forest,
Eastern circle, Kota.

Sub :- Submission of A.P.O for Jawahar Sagar Wild Life sanctuary for the year 2007-08.

Sir,

With due respect the A.P.O for Jawahar Sagar sanctuary for the year of 2007-08 for 45.625 Lac.as per priority is submitted for kind persual.

Please get its sanctioned at the earliest so that timely action may be taken well respect to planting works and quality works may be ensured.

Enclosed 4 Sets

Yours faithfully

**Dy. Conservator of forests,
Wild Life Kota**

S/N

Date /

- 1- P.C.C.F. and C.W.L.W. Rajasthan jaipur.
- 2- Chief Conservator of forest FDP Kota.
- 3- Copy to Range forest officer, Wild Life Jawahar Sagar.

**Dy. Conservator of forests,
Wild Life Kota**

Form GRF – 19-A

[See Government of India's Decision (1) below rule 150]

Form of Utilisation Certificate

S.No	Letter No. and Date	Amount	
1.	Government of India Ministry of Environment and Forest vide letter no 13000620/W-L dated 4.8.06 and State Government of Rajasthan vide letter No.F 4(22) forest/2003/30.8.06 for Jawahar Sagar sanctuary	15.00	Certified that out of <u>Rs.11.296 Lac</u> of grants – in – aid sanctioned during the year <u>2006-07</u> in favour of <u>DCF Wild Life Kota</u> under this Ministry / Department Letter No. given in the margin including <u>Rs.1.886</u> on account of balance of the previous year, a Sum of <u>Rs.6.17 Lac</u> for has <u>utilized</u> against the net release of <u>Rs. 9.41</u> for the purpose, for which it was sanctioned and that the balance of <u>Rs.3.24</u> remaining unutilized at the end of the year has been surrendered to Government (Vide No.---Nil—dated will be adjusted towards the grants payable during the next year 2007-08..
Total		15.00	

2. Certified that I have satisfied myself that the condition on which the grants –in –aid was sanctioned have been duly fulfilled and I have exercised the checks to see that the money was actually utilized for the purpose for which it was sanctioned.

Signature

Designation

Date

CERTIFICATE

(For Wildlife Sanctuary/ National Park for which financial assistance is requested for the first time.)

It is certified that:

(Name of the NP/WLS : **Jawahar Sagar Sanctuary**)

(I) This NP/WLS is under the administrative and technical control of Wildlife wing of the State Headed by the CWLW.

(II) that the State Govt. will provide for trained manpower for management of this NP/WLS.

(III) that a detailed management plan would be drawn up as early as possible (if none exists already) for management of this Sanctjuary/ NP and its buffer areas.

(IV) that there will be no commercial forest working in any form within the boundary of NP/WLS.

(V) That the State Govt. agrees that the present boundaries of the NP/ WLS will not be changed to reduce the existing areas.

(VI) that the advice of the Director, Wildlife Preservation given on behalf of the GOI would be followed in matters concerning the implementation of the Scheme as well as the management of the NP/ WLS.

(VII) that the State Govt. accepts financial commitment for all such recurring and non-recurring expenditure which are not provided by the GOL.

(Signed)
Secretary Forests and Wildlife