

**GOVERNMENT OF NCT OF DELHI
DEPARTMENT OF FORESTS & WILDLIFE
A-BLOCK, 2nd FLOOR, VIKAS BHAWAN, IP ESTATE, NEW DELHI-110002**

F. No. 16/CAMPA/F&WL/APO /2024-25 / 1456-59

Date: 31/05/24

To,

The Chief Executive Officer
National CAMPA
Ministry of Environment, Forests & Climate Change
Hall No.1, 4th Floor, Block No. 3
CGO complex, Lodhi Road
New Delhi-110003

Sub: Submission of Annual Plan of Operations 2024-25 for Delhi State CAMPA-reg.

Sir,

Please find enclosed herewith the Annual Plan of Operations (APO) 2024-25 for Delhi State CAMPA, with a proposed outlay of Rs.62.50 crores. The APO has been duly recommended by the Executive Committee and Steering Committee Delhi CAMPA.

A copy of the APO 2024-25, along with the following annexures as desired by NCAMPA are hereby submitted for your kind consideration and approval by the National Authority.

1	Minutes of Steering Committee	Annexure-1
2	Signed copy of integrated APO/ APO (Each page signed by State Authority)	Annexure-2
3	Certificate in case of change of site location	No proposal for change of site location is proposed.
4	Details of interest accrued on State CAMPA fund annually till 2023	Annexure-3
5	Details of Fund Release by State Govt. to State Forest Department	Annexure-4
6	Geo coordinates / KML files of proposed sites	The KML files have been hyperlinked in the soft copy of the APO enclosed with the email.
7	Declaration certificate signed by the CEO, State CAMPA	Annexure-5
8	Status of the Third-Party monitoring	Third party monitoring of CAMPA plantation 2011-12 & 2012-13 was done by AFC India

	Ltd. (Copy of the report is enclosed as Annexure-6). The proposal for third party monitoring of subsequent years is under process.
9 Reconciliation of CA sites since 1980	Annexure-7.

Yours faithfully,



(Dr. Suneesh Buxy)
APPCF/HoD/

Nodal Officer CAMPA

Copy to:

1. CCF (A), Department of Forests & Wildlife, Govt. of NCT of Delhi.
2. DCF (HQ), Department of Forests & Wildlife, Govt. of NCT of Delhi.
3. Sr. Accounts Officer, Department of Forests & Wildlife, Govt. of NCT of Delhi.



(Dr. Suneesh Buxy)
APPCF/HoD/

Nodal Officer CAMPA

**GOVT OF N.C.T. OF DELHI
DEPARTMENT OF FOREST & WILDLIFE
VIKAS BHAWAN, A-BLOCK, 2nd FLOOR, I.P ESTATE, NEW DELHI-110002**

**MINUTES OF THE MEETING OF THE STEERING COMMITTEE, DELHI CAMPA
HELD UNDER THE CHAIRMANSHIP OF THE CHIEF SECRETARY, GNCTD ON
13.05.2024 AT 4:00 PM TO DISCUSS ANNUAL PLAN OF OPERATION 2024-25
UNDER DELHI CAMPA**

F. No. 16/CAMPA/F&WL/APO/2024-25/ 1412-22

Date: 30.5.24

The meeting of the Steering Committee, Delhi CAMPA was held on 13.05.2024 under the chairmanship of the Chief Secretary, Govt. of NCT of Delhi to discuss and recommend the State Annual Plan of Operation for the year 2024-25 for utilizing funds made available to the NCT of Delhi under CAMPA.

Accordingly, the draft integrated APO based on the format prescribed by Compensatory Afforestation Fund (CAF) Rules, 2016, CAF Guidelines, 2018 and NCAMPA was placed before the committee for deliberations.

The details of funds available in the various CAMPA heads along with the details regarding progress of works undertaken in the last APO 2023-24 were placed before the committee. After reviewing the progress of APO 2023-24, the Chairman observed that the major issue being faced by the Department for implementation of works is finalisation and approval of tenders. It was desired that in order to ensure timely completion of works, format of the tenders may be standardised by the Department. He directed that as Compensatory Afforestation Component of CAMPA is a mandatory activity, preparatory works for carrying out the plantation should be initiated by the Forest Divisions in anticipation of the approval from NCAMPA, so that plantation could be carried out timely in the coming monsoon season once the formal approval is accorded by the NCAMPA.

The Committee was informed that an amount of Rs.47.15 Crores was approved by the National CAMPA against APO 2023-24. An amount of Rs.282.13 crores has been received from NCAMPA till date, balance Rs.257.11 crores is available, as on date.

The APO 2024-25 was discussed in detail and the following suggestions were made by the committee for incorporation in the APO:

- The number of DGPS for surveying and demarcation may be increased to 03 nos.
- The rain water recharge structures and check dams may be increased to 100/ division.
- The Department may include the provision for engagement of scientist & research associates on contractual basis preferably retired ones for operating the tissue culture lab. Therefore the engagement of retired scientists shall also be explored by the Department.
- The watch towers proposed to be constructed by the Department should be done by using eco-friendly materials such as seasoned bamboos instead of iron angles/ steel.
- The number of e-golf carts to be hired for ecotourism purposes may be reduced to 12 nos.
- The Department may include the provision for raising of 09 lakh saplings of native species in the Forest nurseries for the purpose of plantations in the year 2024-25.
- The provision for purchase of 01 bobcat or equivalent brand excavator may be included in the APO for undertaking plantation and other forestry activities.

Accordingly, the following APO 2024-25 was recommended by the Steering Committee:

1. **Creation and maintenance of CA Plantations:**

- A. Creation of CA plantations is proposed over an area of 41.27 ha against approvals (Stage-I/ Stage-II) granted by MoEF&CC for diversion of Forest Land for Non-Forestry purposes under Forest (Conservation) Act, 1980. Total amount proposed for carrying out CA is **Rs.6.56 crores.**
- B. Maintenance of CA plantations is proposed over an area of 47.34 ha (1st year maintenance) at the cost of Rs.5.72 crores; 70.58 ha (2nd year maintenance) at the cost of Rs.3.68; 23.02 ha (3rd year maintenance) at the cost of Rs.3.20 crores; 49.54 ha (4th year maintenance) at the cost of Rs.3.06 crores. Total amount proposed for carrying out CA is **Rs.15.66 crores.**

C. Some other allied activities as per approved CA scheme are proposed to be undertaken as per the conditions imposed in Forest clearance amounting to **Rs.0.53 crores**.

2. **Activities under NPV:** The Committee was informed that activities like development of recharge structures, check dams, construction of watch towers, soil moisture conservation activities, protection and monitoring activities, establishment and management of wildlife rescue centre along with purchase of equipment for wildlife rescue operations, modernization of forest nurseries etc. are proposed to be carried out from the funds made available under NPV. Details are as given below:-

	Activities as per Rule 5(2) & 5(3) of CAF, 2018	Financial Target (Rs. in crores)
1	Maintenance of 4000 Plantation at Shikarpur (1st Year) (WFD)	0.20
2	Eco-restoration/ plantation over an area of 30 ha	1.80
3	Crane/ Boom-lift for pruning of trees for eco-restoration works	0.50
4	Installation of Solar panels at parking shed, office building and beat	0.30
5	Construction of Boundary walls for protection of Central Ridge (4 kms)	3.50
6	Soil moisture conservation works (Recharge structures 100 nos.&Check dams 100 nos.)	3.00
7	Regular filling up of existing water holes at AB Wildlife Sanctuary. (ABWLS)	0.60
8	Regular maintenance of existing patrolling paths and measures for dust suppression at ABWLS (20 kms)	1.00
9	Plastic bottle shredder (for ABWLS)	0.20
10	Establishment and management of wildlife rescue centre along with purchase of equipment for wildlife rescue operations.	3.36
11	Removal of invasive species especially Lantana camara in ABWLS & Central Ridge	2.00

12	Development of Tissue Culture lab at Asola Bhatti Wildlife Sanctuary	1.46
13	Development of Interpretation Centre at AB Wildlife Sanctuary	2.00
14	Upgradation/ Development/ Modernisation works in Nursery (SFD)	1.30
15	Raising of 9 lakhs saplings of native species in the modern nursery for plantation in GNCTD	5.20
16	Purchase of Electric Motorcycles (For Forest Guards)	0.50
17	Conducting third party monitoring of CAMPA works/ plantations	0.20

The total proposed expenditure from the NPV fund is **Rs.27.12 crores**.

3. **Activities proposed under Interest component:** Activities such as hiring of contractual staff for functioning of state CAMPA, purchase of E- cycle & camera traps, capacity building programmes, residential buildings for staff etc. have been proposed from the Interest accrued from Deposits in CAMPA fund. Details are as given below:-

	Activities as per Rule 6 (a) & 6 (b) of CAF, 2018	Financial Target (in crores)
1	Hiring of manpower	0.51
2	Solar tree for charging mobile devices	0.10
3	Purchase of Wireless set	0.15
4	Purchase of E-cycles for eco-tourism	0.15
5	Purchase of Camera traps	0.20
6	Construction of Pucca beds for raising saplings (100 nos) Beds of size 12 Mtr.X 1 Mtr.	0.28
7	Construction of residential/office buildings for frontline staff (Beat offices and Range offices)	3.60
8	Capacity building for frontline Executive Staff/Wildlife Staff & workers of the Department	0.25

9	Exposure visit of frontline Executive Staff	0.25
10	Construction of watch tower	0.05
11	Procurement of DGPS for surveying and demarcation of forest land (3 nos.)	0.90
12	Purchase of Computers/Laptops (20 nos.)	0.20
13	Purchase of Bobcat Mini Excavator	0.30
14	Hiring of electric golf carts for eco-tourism purpose in Asola Bhatti Wildlife Sanctuary for one year	0.72
15	Hiring of electric vehicles for Departmental use for one year	0.30

The total proposed expenditure from the NPV fund is **Rs.7.96 crores**.

Certain activities which were approved under the APO 2022-23 & 2023-24 but could not be completed or pending for release of payments have been included in the spillover works. Revalidation is being sought for **Rs.4.65 crores**.

The Steering Committee recommended the APO 2024-25 amounting to **Rs.62.50 crores** for consideration of the National Authority, CAMPA. A copy of the CAMPA APO 2024-25 is enclosed herewith

The meeting ended with thanks to the Chair and members of the Committee.

(Dr. P. Viswakannan)
Chief Conservator of Forests (Admn.)

F. No. 16/CAMPA/F&WL/APO/2024-25/1412-28

Date: 30.5.24

Distribution:

1. OSD to the Chief Secretary, 5th Level, Delhi Secretariat, New Delhi for kind information.
2. Pr. Secretary (E&F), Member, Delhi Secretariat, I.P. Estate, New Delhi-02
3. Pr. Secretary (Finance), Department of Finance, Govt. of NCT of Delhi, 4th Level, A-Wing, Delhi Secretariat, IP Estate, New Delhi
4. Principal Secretary (Planning), Govt. of NCT of Delhi, Delhi Secretariat, I.P. Estate, New Delhi-02.
5. DDG (C), Ministry of Environment, Forests & Climate Change (Regional Office), Kendriya Bhawan, 5th Floor, Sector-H, Aliganj, Lucknow-226020.
6. APCCF & HoD, Department of Forests & Wildlife, Govt. of NCT of Delhi.

7. Prof. C.R. Babu, Member, Director, CEMDE, School of Environmental Sciences, Delhi University.
8. Chief Conservator of Forests (A), Department of Forests & Wildlife, Govt. of NCT of Delhi.
9. Conservator of Forests, Department of Forests & Wildlife, Govt. of NCT of Delhi.
10. DCF (Central /South/ West/ North), Department of Forests & Wildlife, Govt. of NCT of Delhi for information and necessary action.
11. Sr. Accounts Officer, Department and Wildlife, A Block, Vikas Bhawan, I.P.Estate, New Delhi.


(Dr. P.Viswakannan)

Chief Conservator of Forests (Admn.)

GOVERNMENT OF NCT OF DELHI
DEPARTMENT OF FORESTS & WILDLIFE
A-BLOCK, 2ND FLOOR, VIKAS BHAWAN, IP ESTATE, NEW DELHI 110002

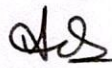




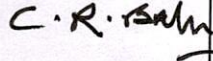




ATTENDANCE SHEET

Meeting of the Steering Committee Delhi CAMPA

Venue: Conference Room of the Chief Secretary, GNCTD

Date: 13.05.2024

Time: 4:00 PM

S.No.	Name/Dept.&Designation	Contact No.	E mail id	Signature
1.	A. C. Verma		PSF	
2.	ANIL KUMAR SINGH to Secretary GOF	9999237373	sunv@nic.in	
3.	Suneesh Buxy	9868948253		
4.	Dr. J. Bagaria Spt. Feeds (B&F)	9810163729		
5.	Cheshta Singh DCF N	8130618418		
6.	C. R. Barbu		C26abu26@gmail.com	
7.	Anamika	8130979292		
8.	P. Viswakannan, CCF			
9.	Vipul Pandey DCF (S)	9599272820		
10.	D. B. Gupta Director (Ply)	9718392776		
11.	Mandeep Mittal DCF (W).			

Annexure II**Format for Annual Plan of Operation Summary Submission 2024-25****Annual Plan of Operation (APO) for the financial year 2024-25 of Delhi State CAMPA**

1. Date of Receipt:
2. Date of approval of EC of State/UT: 09.05.2024
3. Date of approval of the Steering Committee: 13.05.2024
4. Total Amount/Outlay: Rs.62.50 Crores
5. Funds status with the State/UT along with outlay proposed:

S.No	CAMPA Activity	Fund Available with the State/UT as on 01.04.2024 (Rs. in crores)	Outlay proposed during current FY (Rs. in crores)
1.	Mandatory Activity		
	CA/PCA/Additional CA	219.74	22.76
	Catchment Area Treatment Plan	0	0
	Integrated Wildlife Management Plan	0	0
	Others	0	0
2.	Net Present Value	27.04	27.13
3.	Interest	10.33	7.96
4.	Other Components (spillover)	0	4.65
	Total		62.50



6. Funds released by State Government during the FY

(Rs. in Crores)

Year	Total Outlay of the APO	APO approved by National Authority during current financial year	Fund Released by State Government	Fund Utilised by State Authority
2018-19	-	-	-	-
2019-20	-	-	-	--
2020-21	20.75	19.55	-	-
2021-22	17.18	16.15	9.78	4.18
2022-23	46.64	33.93	16.58	11.97
2023-24	60.30	47.15	47.15	8.93

7. Financial outlays/ Budgetary Support under various Schemes (amount spent). (in lakhs)

Year	CSS		CAMPA		State Plan/ Scheme Fund under a relevant head		Any other scheme
	Name of the scheme	Expenditure /Provisions	Name of the scheme/Head of CAMPA Fund	Expenditure /Provisions	Name of the scheme	Expenditure/ Provisions	
2020-21	a. Intensification of forest Protection Scheme	-	-	-	DEVELOPMENT OF WILD LIFE SANCTUARY / WILD LIFE SECTION - SUPPLIES AND MATERIALS	195.12	-
	b. Integrated Wildlife Management Scheme	-	-	-	DEVELOPMENT OF WILD LIFE SANCTUARY / WILD LIFE SECTION - MINOR WORKS	69.98	-
	c. Project Tiger	-	-	-	DEVELOPMENT OF WILD LIFE SANCTUARY / WILD LIFE SECTION - OTHER CHARGES	99.35	-
	d. Project Elephant	-	-	-	MONITORING OF GREENING ACTIVITIES IN DELHI - SUPPLIES AND MATERIALS	-	-
	e.	-	-	-	MONITORING OF GREENING ACTIVITIES IN DELHI - OTHER CHARGES	3.85	-

for

f.	-	-	-	DEVELOPMENT OF FOREST INCLUDING CONSOLIDATIONS - MAJOR WORKS	1852.10	-
g.	-	-	-	DEVELOPMENT OF FOREST INCLUDING CONSOLIDATIONS - SUPPLIES AND MATERIALS	184.33	-
h.	-	-	-	DEVELOPMENT OF FOREST INCLUDING CONSOLIDATIONS - MINOR WORKS	104.34	-
i.	-	-	-	DEVELOPMENT OF FOREST INCLUDING CONSOLIDATIONS - OTHER CHARGES	334.72	-
j.	-	-	-	CREATION AND MAINTENANCE OF URBAN FOREST - SUPPLIES AND MATERIALS	83.79	-
k.	-	-	-	CREATION AND MAINTENANCE OF URBAN FOREST - MINOR WORKS	28.85	-
l.	-	-	-	CREATION AND MAINTENANCE OF URBAN FOREST - OTHER CHARGES	179.72	-
m.	-	-	-	DEVELOPMENT OF WILDLIFE HABITATS (CSS) - OTHER CHARGES	10.00	-
n.	-	-	-	DEVELOPMENT OF WILD LIFE SANCTUARY/WILD LIFE SECTION - OTHER CAPITAL EXPENDITURE	1639.10	-

for

	o.	-	-	-	DEVELOPMENT OF NATIONAL PARKS & SANCTUARIES - ASOLA BHATTI WILDLIFE SANCTUARY (CSS) - OTHER CHARGES	13.81	-
	p.	-	-	-	BIRTH CONTROL AND IMMUNIZATION OF STRAY DOGS (CSS) - OTHER CHARGES	10.21	-
	q.	-	-	-	PROVISION OF SHELTER HOUSE FOR LOOKING AFTER THE ANIMALS (CSS) - OTHER CHARGES	-	-
	r.	-	-	-	DEVELOPMENT OF WILD LIFE SANCTUARY / WILD LIFE SECTION - SUPPLIES AND MATERIALS	5.95	-
2021-22	a. Intensification of forest Protection Scheme	-	OTHERS - FINANCED FROM STATE COMPENSATORY AFFORESTATION FUND (SCAF) - OTHER CHARGES	-	DEVELOPMENT OF WILD LIFE SANCTUARY / WILD LIFE SECTION - SUPPLIES AND MATERIALS	199.61	-
2	b. Integrated Wildlife Management Scheme	-	NET PRESENT VALUE OF FOREST LAND FINANCED FROM STATE COMPENSATORY AFFORESTATION FUND (SCAF) - OTHER CHARGES	127.48	DEVELOPMENT OF WILD LIFE SANCTUARY / WILD LIFE SECTION - MINOR WORKS	89.47	-

for

c. Project Tiger	-	COMPENSATORY AFFORESTATION FINANCED FROM STATE COMPENSATORY AFFORESTATION FUND (SCAF) - OTHER CHARGES	1067.22	DEVELOPMENT OF WILD LIFE SANCTUARY / WILD LIFE SECTION - OTHER CHARGES	99.54	-
d. Project Elephant	-	INTEGRATED WILDLIFE MANAGEMENT PLAN FINANCED FROM STATE COMPENSATORY AFFRESTATION FUND (SCAF) - OTHER CHARGES	-	MONITORING OF GREENING ACTIVITIES IN DELHI - SUPPLIES AND MATERIALS	-	-
e.	-	CATCHMENT AREA TREATMENT PLANT FINANCED FROM STATE COMPENSATORY AFFORESTATION FUND (SCAF) - OTHER CHARGES	-	MONITORING OF GREENING ACTIVITIES IN DELHI - OTHER CHARGES	4.61	-
f.	-	INTEREST FINANCED FROM STATE COMPENSATORY AFFORESTATION FUND (SCAF) - OTHER REVENUE EXPENDITURE	-	DEVELOPMENT OF FOREST INCLUDING CONSOLIDATIONS - MAJOR WORKS	4131.43	-
g.	-	-	-	DEVELOPMENT OF FOREST INCLUDING CONSOLIDATIONS - SUPPLIES AND MATERIALS	290.29	-
h.	-	-	-	DEVELOPMENT OF FOREST INCLUDING CONSOLIDATIONS - MINOR WORKS	248.36	-

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i.	-	-	-	DEVELOPMENT OF FOREST INCLUDING CONSOLIDATIONS - OTHER CHARGES	489.41	-
j.	-	-	-	CREATION AND MAINTENANCE OF URBAN FOREST - SUPPLIES AND MATERIALS	109.23	-
k.	-	-	-	CREATION AND MAINTENANCE OF URBAN FOREST - MINOR WORKS	52.58	-
l.	-	-	-	CREATION AND MAINTENANCE OF URBAN FOREST - OTHER CHARGES	244.36	-
m.	-	-	-	DEVELOPMENT OF WILDLIFE HABITATS (CSS) - OTHER CHARGES	500.00	-
n.	-	-	-	DEVELOPMENT OF WILD LIFE SANCTUARY/WILD LIFE SECTION - OTHER CAPITAL EXPENDITURE	3542.80	-
o.	-	-	-	DEVELOPMENT OF NATIONAL PARKS & SANCTUARIES - ASOLA BHATTI WILDLIFE SANCTUARY (CSS) - OTHER CHARGES	-	-
p.	-	-	-	BIRTH CONTROL AND IMMUNIZATION OF STRAY DOGS (CSS) - OTHER CHARGES	-	-

JK

	q.	-	-	-	PROVISION OF SHELTER HOUSE FOR LOOKING AFTER THE ANIMALS (CSS) - OTHER CHARGES	-	-
2022-23	a. Intensification of forest Protection Scheme	-	INTEREST FINANCED FROM STATE COMPENSATORY AFFORESTATION FUND (SCAF) - OTHER REVENUE EXPENDITURE	-	DEVELOPMENT OF WILD LIFE SANCTUARY / WILD LIFE SECTION - SUPPLIES AND MATERIALS	3.00	-
	b. Integrated Wildlife Management Scheme	-	OTHERS - FINANCED FROM STATE COMPENSATORY AFFORESTATION FUND (SCAF) - OTHER CHARGES	-	DEVELOPMENT OF WILD LIFE SANCTUARY / WILD LIFE SECTION - MINOR WORKS	0.90	-
	c. Project Tiger	-	NET PRESENT VALUE OF FOREST LAND FINANCED FROM STATE COMPENSATORY AFFORESTATION FUND (SCAF) - OTHER CHARGES	-	DEVELOPMENT OF WILD LIFE SANCTUARY / WILD LIFE SECTION - OTHER CHARGES	1.00	-
	d. Project Elephant	-	COMPENSATORY AFFORESTATION FINANCED FROM STATE COMPENSATORY AFFORESTATION FUND (SCAF) - OTHER CHARGES	-	MONITORING OF GREENING ACTIVITIES IN DELHI - SUPPLIES AND MATERIALS	-	-
	e.	-	INTEGRATED WILDLIFE MANAGEMENT PLAN FINANCED FROM STATE COMPENSATORY AFFORESTATION FUND (SCAF) - OTHER CHARGES	-	MONITORING OF GREENING ACTIVITIES IN DELHI - OTHER CHARGES	0.02	-

f.		CATCHEMENT AREA TREATMENT PLANT FINANCED FROM STATE COMPENSATORY AFFORESTATION FUND (SCAF) - OTHER CHARGES	-	DEVELOPMENT OF FOREST INCLUDING CONSOLIDATIONS - MAJOR WORKS	37.85	-
g.	-	-	-	DEVELOPMENT OF FOREST INCLUDING CONSOLIDATIONS - SUPPLIES AND MATERIALS	2.48	-
h.	-	-	-	DEVELOPMENT OF FOREST INCLUDING CONSOLIDATIONS - MINOR WORKS	2.46	-
i.	-	-	-	DEVELOPMENT OF FOREST INCLUDING CONSOLIDATIONS - OTHER CHARGES	5.00	-
j.	-	-	-	CREATION AND MAINTENANCE OF URBAN FOREST - SUPPLIES AND MATERIALS	1.14	-
k.	-	-	-	CREATION AND MAINTENANCE OF URBAN FOREST - MINOR WORKS	0.57	-

for

	l.	-	-	-	CREATION AND MAINTENANCE OF URBAN FOREST - OTHER CHARGES	2.87	-
	m.	-	-	-	DEVELOPMENT OF WILDLIFE HABITATS (CSS) - OTHER CHARGES	0.33	-
	n.	-	-	-	DEVELOPMENT OF WILD LIFE SANCTUARY/WILD LIFE SECTION - OTHER CAPITAL EXPENDITURE	49.98	-
2023-24	a. Intensification of forest Protection Scheme	-	INTEREST FINANCED FROM STATE COMPENSATORY AFFORESTATION FUND (SCAF) - OTHER REVENUE EXPENDITURE	43.38	DEVELOPMENT OF WILD LIFE SANCTUARY / WILD LIFE SECTION - MATERIALS AND SUPPLIES	199.38	-
	b. Integrated Wildlife Management Scheme	-	OTHERS - FINANCED FROM STATE COMPENSATORY AFFORESTATION FUND (SCAF) - OTHER CHARGES	-	DEVELOPMENT OF WILD LIFE SANCTUARY / WILD LIFE SECTION - MINOR CIVIL AND ELECTRIC WORKS	89.92	-
	c. Project Tiger	-	NET PRESENT VALUE OF FOREST LAND FINANCED FROM STATE COMPENSATORY AFFORESTATION FUND (SCAF) - OTHER CHARGES	71.86	DEVELOPMENT OF WILD LIFE SANCTUARY / WILD LIFE SECTION - OTHER REVENUE EXPENDITURE	109.36	-

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d. Project Elephant	-	COMPENSATORY AFFORESTATION FINANCED FROM STATE COMPENSATORY AFFORESTATION FUND (SCAF) - OTHER CHARGES	778.18	MONITORING OF GREENING ACTIVITIES IN DELHI - MATERIALS AND SUPPLIES	-	-
e.	-	INTEGRATED WILDLIFE MANAGEMENT PLAN FINANCED FROM STATE COMPENSATORY AFFRESTATION FUND (SCAF) - OTHER CHARGES	-	MONITORING OF GREENING ACTIVITIES IN DELHI - OTHER REVENUE EXPENDITURE	-	-
f.	-	CATCHEMENT AREA TREATMENT PLANT FINANCED FROM STATE COMPENSATORY AFFORESTATION FUND (SCAF) - OTHER CHARGES	-	DEVELOPMENT OF FOREST INCLUDING CONSOLIDATIONS - OTHER FIXED ASSETS	5347.18	-
g.	-	-	-	DEVELOPMENT OF FOREST INCLUDING CONSOLIDATIONS - MATERIALS AND SUPPLIES	249.63	-
h.	-	-	-	DEVELOPMENT OF FOREST INCLUDING CONSOLIDATIONS - MINOR CIVIL AND ELECTRIC WORKS	149.20	-

m

	i.		-	-	-	DEVELOPMENT OF FOREST INCLUDING CONSOLIDATIONS - OTHER REVENUE EXPENDITURE	399.49	-
	j.		-	-	-	CREATION AND MAINTENANCE OF URBAN FOREST - MATERIALS AND SUPPLIES	99.22	-
	k.		-	-	-	CREATION AND MAINTENANCE OF URBAN FOREST - MINOR CIVIL AND ELECTRIC WORKS	49.36	-
	l.		-	-	-	CREATION AND MAINTENANCE OF URBAN FOREST - OTHER REVENUE EXPENDITURE	249.92	-
	m.		-	-	-	DEVELOPMENT OF WILD LIFE SANCTUARY/WILD LIFE SECTION - OTHER CAPITAL EXPENDITURE	2499.89	-
2024-25	a.	Intensification of forest Protection Scheme	-		0.30	INTEREST FINANCED FROM STATE COMPENSATORY AFFORESTATION FUND (SCAF) - OTHER REVENUE EXPENDITURE		-
						DEVELOPMENT OF WILD LIFE SANCTUARY / WILD LIFE SECTION - MATERIALS AND SUPPLIES		-

Jr

b. Integrated Wildlife Management Scheme	-	OTHERS - FINANCED FROM STATE COMPENSATORY AFFORESTATION FUND (SCAF) - OTHER CHARGES		DEVELOPMENT OF WILD LIFE SANCTUARY / WILD LIFE SECTION - MINOR CIVIL AND ELECTRIC WORKS	-	-
c. Project Tiger	-	NET PRESENT VALUE OF FOREST LAND FINANCED FROM STATE COMPENSATORY AFFORESTATION FUND (SCAF) - OTHER CHARGES	-	DEVELOPMENT OF WILD LIFE SANCTUARY / WILD LIFE SECTION - OTHER REVENUE EXPENDITURE	-	-
d. Project Elephant	-	COMPENSATORY AFFORESTATION FINANCED FROM STATE COMPENSATORY AFFORESTATION FUND (SCAF) - OTHER CHARGES	-	MONITORING OF GREENING ACTIVITIES IN DELHI - MATERIALS AND SUPPLIES	-	-
e.	-	INTEGRATED WILDLIFE MANAGEMENT PLAN FINANCED FROM STATE COMPENSATORY AFFRESTATION FUND (SCAF) - OTHER CHARGES	-	MONITORING OF GREENING ACTIVITIES IN DELHI - OTHER REVENUE EXPENDITURE	-	-
f.	-	CATCHMENT AREA TREATMENT PLANT FINANCED FROM STATE COMPENSATORY AFFORESTATION FUND (SCAF) - OTHER CHARGES	-	DEVELOPMENT OF FOREST INCLUDING CONSOLIDATIONS - OTHER FIXED ASSETS	775.03	-

for

	g.	-	-	-	DEVELOPMENT OF FOREST INCLUDING CONSOLIDATIONS - MATERIALS AND SUPPLIES	-	-
	h.	-	-	-	DEVELOPMENT OF FOREST INCLUDING CONSOLIDATIONS - MINOR CIVIL AND ELECTRIC WORKS	-	-
	i.	-	-	-	DEVELOPMENT OF FOREST INCLUDING CONSOLIDATIONS - OTHER REVENUE EXPENDITURE	-	-
	j.	-	-	-	CREATION AND MAINTENANCE OF URBAN FOREST - MATERIALS AND SUPPLIES	-	-
	k.	-	-	-	CREATION AND MAINTENANCE OF URBAN FOREST - MINOR CIVIL AND ELECTRIC WORKS	-	-
	l.	-	-	-	CREATION AND MAINTENANCE OF URBAN FOREST - OTHER REVENUE EXPENDITURE	-	-

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	m.	-	-	-	DEVELOPMENT OF WILD LIFE SANCTUARY/WILD LIFE SECTION - OTHER CAPITAL EXPENDITURE	37.66	-
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*Provision made in 2024-25. Details to be filled up in Annexure IV

8. Status of Compensatory Afforestation

(Area In Ha.)

Afforestation required as per site specific scheme submitted along with approved proposal for diversion of forest land under FC Act, 1980 till 31.3.2024			Afforestation carried out in the State as per site specific scheme till 2023-24			Afforestation to be carried out 2024-25	Afforestation carried out percentage	Total Balance upto 2024-25
(CA)	(PCA)	(CA+PCA)	(CA)	(PCA)	(CA+PCA)	(CA+PCA)	(CA+PCA)	(CA+PCA)
286.06	0.97	287.03	310.39	0.97	311.36	41.27	108.47	41.27

9. Balance afforestation status

(Area in Ha.)

Balance Afforestation required as per FC Act (in ha.)	Balance Afforestation to be completed in Financial Year (in Ha)		
	2024-25	2025-26	2026-27
41.27	41.27	-	-

10. Details of APO are as under

(Rs. In Crore and Area in Ha.)

S.No.	CAF Act/Rules	Activity	Proposed outlay		Green Employment to be generated (in Mandays)	Page No. of the APO	Remarks	
			Physical Target	Financial Target (in crore)				
1.		Site- specific activities as per section 6(a) of the CAF Act, 2016						
	Mandatory Activity	Compensatory Afforestation						
		i)	Advance soil work	NIL	NIL			
		ii)	Nursery raising	NIL	NIL			
	iii)	New Plantation	41.27	6.56				

		iv) Maintenance of existing/older plantation	190.48	15.66			
		v) Spill over work/committed liabilities:					
		Construction of 7 Km long Boundary wall along with concertina fencing at CA site Holambi & Sannoth (NFD)		3.12			
		Construction of 02 nos. of Watch Towers at CA site Holambi & Sannoth (NFD)	02 nos.	0.44			
		LMV- (02 nos.) Farm Machinery (Tractor 02 nos.) (NFD)		0.30			
		Maintenance of CA on 1.48 ha NFL land wrt Diversion of 13.5165 Ha land for construction of LILO of 400 KV Bawana –Mandola T/L at Maharani Bagh of Power Grid Corporation Limited (CFD) Location: along Yudhister Setu on Western Bank of River Yamuna Year of Creation -2023-24	1.48	0.024			
		Maintenance of Plantation of dwarf species/ shrubs under the Transmission line wrt	0.9	0.007			

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		Diversion of 13.5165 Ha land for construction of LILO of 400 KV Bawana –Mandola T/L at Maharani Bagh of PGCIL (CFD) Year of Creation -2023-24					
		Second year maintenance of CA plantation & fencing of CA land 2820 m created wrt Diversion of 13.5165 Ha land for construction of LILO of 400 KV Bawana –Mandola T/L at Maharani Bagh of Power Grid (CFD) Year of creation: 2021-22	12.04	0.12			
		Second year maintenance of CA plantation & fencing of CA land (3011 m) created wrt Diversion of 10.9736 Ha land for construction of LILO of 400 KV Bamnauli-Jhatikara T/L at Dwarka of PGCIL (CFD) Year of Creation: 2021-22	10.98	0.22			
		Third year Maintenance of CA plantation & fencing of CA land (2777 m) wrt Construction of LILO of 400 KV Bamnauli-Samaypur Transmission Line & Construction of LILO of 220 KV Mehrauli-BTPS/Okhla	35.73	0.27			

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		Transmission Line of PGCIL (CFD) Year of Creation: 2020-21					
		Third year Maintenance of CA plantation & fencing of CA land (627m) wrt Construction of CPWD Flyover (CFD) Year of Creation: 2020-21	1.81	0.016			
	vi)	Other (Site Specific activities in accordance with FC approval)- Other mandatory activities approved as part of CA Scheme		0.53			
		Catchment Area Treatment Plan	NIL	NIL			
	i)	Watershed Management	NIL	NIL			
	ii)	Plantation to check erosion	NIL	NIL			
	iii)	Any other relevant activities	NIL	NIL			
	iv)	Spill over work/committed liabilities					
		Integrated Wildlife Management Plan	NIL	NIL			
	i)	Habitat management for flora and fauna (Food/cover/water management)	NIL	NIL			
	ii)	Weed removal	NIL	NIL			

for

		iii) Human wildlife conflict management	NIL	NIL			
		iv) Spill over work/ committed liabilities	NIL	NIL			
		Other (Site Specific activities in accordance with FC approval)	NIL	NIL			
		Total site specific activities under CA					
		* Note- Details as per FC/WLA proposals as Annexure					
2.		Activity as per Rule 5(2) of CAF Rules, 2018					
	5(2)a	Assisted Natural Regeneration					
		i) Advance soil work	NIL	NIL			
		ii) New Plantation	30 ha	1.80			
		iii) Maintenance	10 ha	0.20			
		iv) Nursery raising	NIL	NIL			
		v) Any other relevant activities:					
		vi) Spill over work/ committed liabilities	NIL	NIL			
	5(2)b	Artificial Regeneration	NIL	NIL			
		i) Advance soil work	NIL	NIL			
		ii) New Plantation	NIL	NIL			
		iii) Maintenance	NIL	NIL			
		iv) Nursery raising	NIL	NIL			

for

		v) Any other relevant activities	NIL	NIL			
		vi) Spill over work/ committed liabilities	NIL	NIL			
	5(2)c	Silvicultural operations					
		i) Tending operations (Weeding, cleaning, thinning, pruning & climber cutting)- • Crane/Boom-lift for the purpose of pruning of trees for eco-restoration works	4 nos.	0.50			
		ii) Any other relevant activities	NIL	NIL			
		iii) Spill over work/committed liabilities	NIL	NIL			
	5(2)d	Protection of Plantations and forests					
		i) Demarcation of forest boundary a. Installation of Solar panels at parking shed, office building and beat (SFD)	03 nos.	0.30			
		b. Construction of Boundary walls for protection of Central Ridge (4 kms) (WFD)	01	3.50			
		ii) Patrolling (hiring of vehicles)	NIL	NIL			
		iii) Purchase of equipments relevant for patrolling	NIL	NIL			
		iv) Any other relevant activities	NIL	NIL			

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		v) Spill over work/committed liabilities	NIL	NIL			
	5(2)e	Pest and disease control in forests	NIL	NIL			
		Site specific measures for controlling pest and disease as per report of Technical Agency	NIL	NIL			
	5(2)f	Forest fire prevention and control operations	NIL	NIL			
		i) Fire line (creation and maintenance)	NIL	NIL			
		ii) Fire watchers	NIL	NIL			
		iii) Purchase of fire equipment	NIL	NIL			
		iv) Any other relevant activities	NIL	NIL			
		v) Spill over work/committed liabilities	NIL	NIL			
	5(2)g	Soil and moisture conservation works					
		i) Water bodies (name & size) a. Ponds b. Trenches c. Check dams- Check Dams @ Rs 1 lakh per check dam (SFD & WFD) d. Spur e. Retaining wall/ Breast wall	100 nos.	1.00			
		ii) Any other relevant activities	100 nos.	2.00			

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		Development of Rain Water Recharge Structures @ Rs.2 lakh/Recharge structure (SFD & WFD)					
		iii) Spill over work/committed liabilities	NIL	NIL			
	5(2)h	Voluntary relocation of villages from protected areas	NIL	NIL			
		i) Name of village ii) Population iii) No. of eligible families willing iv) Availability of land for relocation	NIL	NIL			
		v) Spill over work/committed liabilities	NIL	NIL			
	5(2)i	Improvement of wildlife habitat					
		i) Habitat management for flora and fauna pertaining to a. Food b. Cover c. Water management- • Regular filling up of existing water holes at ABWLS (SFD) • Regular maintenance of existing patrolling paths and measures for dust suppression (20 kms) (SFD) d. Weed removal	NIL 130 nos. Lumpsu m	NIL 0.60 1.00			

for

		ii) Human wildlife conflict management	NIL	NIL			
		iii) Protection activities a. Patrolling b. Prevention of Illicit felling c. Eco- development work in surrounding village to reduce conflict	NIL	NIL			
		iv) Any other relevant activities a. Plastic bottle shredder (ABWLS) (SFD)	04 nos.	0.20			
		v) Spill over work/committed liabilities	NIL	NIL			
	5(2)j	Planting and rejuvenation of forest cover on non-forest land falling in wildlife corridors	NIL	NIL			
	5(2)k	Establishment and maintenance of animal rescue centre and veterinary treatment facilities for wild animals	-	3.36			
		i) Spill over work/committed liabilities	NIL	NIL			
	5(2)l	Supply of wood saving, cooking appliances and other forest produce saving devices	NIL	NIL			
	5(2)m	Management of biological diversity and biological resource					
		i) Creation of seed stock/Orchards	NIL	NIL			

for

		ii) Research Plots	NIL	NIL			
		iii) Any other relevant activities- Removal of invasive species especially Lantana camara in ABWLS & Central Ridge (SFD & CFD)	100	2.00			
		iv) Spill over work/committed liabilities	NIL	NIL			
3.		Activities as per Rule 5(3) of the CAF Rule, 2018					
	5(3)a	Establishment, Maintenance of modern nurseries					
		i) Detailed estimate of nursery- ● Establishment of modern nursery (SFD)	1	1.30			
		● Raising of 09 lakh saplings in the modern nursery (all divisions)	1	5.20			
		ii) Any other relevant activities Development of Tissue Culture lab at Asola Bhatti Wildlife Sanctuary (SFD)	1	1.46			
		iii) Spill over work/committed liabilities- Construction of Polyhouse at KNR Nursery for modernization of nursery (CFD)	01 nos.	0.05			

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5(3)b	Promoting conservation, sustainable use and documentation of biological diversity					
	i) Documentation -Development of Interpretation Centre (SFD)	01 nos.	2.00			
	ii) Conference work	NIL	NIL			
	iii) Spill over work/committed liabilities	NIL	NIL			
5(3)c	Purchase and maintenance of equipments of devices for communication, information and technology (Details of equipment & devices)					
	i) Wireless	NIL	NIL			
	ii) Phones	NIL	NIL			
	iii) Others- a. Motorcycles (Forest Guard)	50 nos.	0.50			
	iv) Spill over work/committed liabilities-					
5(3)d	Construction, upgradation and maintenance of inspection paths, forest roads in forest areas, watch towers, check posts and timber posts					
	i) Details of roads	NIL	NIL			
	ii) Watch towers	NIL	NIL			

		iii) Check post	NIL	NIL			
		iv) Timber depot	NIL	NIL			
		v) Any other relevant activities	NIL	NIL			
		vi) Spill over work/committed liabilities: Construction of Watch Tower at Shastri Park plantation area near Metro Station (CFD)	01 nos.	0.08			
	5(3)e	Construction of residential and official buildings for frontline staff					
		i) Spill over work/committed liabilities	NIL	NIL			
	5(3)f	Casual engagement of local people or labours to assist regular staff of State Forest Department	NIL	NIL			
	5(3)g	Survey and mapping for APO making/preparation (hiring of staff for survey & mapping)	NIL	NIL			
	5(3)h	Independent concurrent monitoring and Third-party monitoring and evaluation					
		i) Independent concurrent monitoring	NIL	NIL			
		ii) Third party monitoring and evaluation	1	0.20			

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		iii) Spill over work/committed liabilities-	NIL	NIL			
	5(3)i	Publicity cum awareness programme					
		i) Publicity for common people	NIL	NIL			
		ii) Training for staff	NIL	NIL			
	5(3)j	Production and distribution of quality planting material (A detailed plan) for Govt. land other than forest area	NIL	NIL			
		i) Spill over work/committed liabilities	NIL	NIL			
	5(3)k	Forest Certification and development of certification standards by agency	NIL	NIL			
4.		Activities as per Rule 6(a) of CAF Rules, 2018					
	6(a)i	To offset incremental cost of CA/PCA at increased wage rate	NIL	NIL			
	6(a)ii	To offset incremental cost of CAT at increased wage rate	NIL	NIL			
	6(a)iii	To offset incremental cost of IWMP at increased wage rate	NIL	NIL			
	6(a)iv	For disbursement of salary & allowances state CAMPA Authority & Staff	05	0.51			
	6(a)v	For disbursement of sitting fees and allowances to nominated list of members	NIL	NIL			
	6(a)vi	Activities referred to in sub rule- (2) and (3) of Rule 5 <ul style="list-style-type: none"> ● Solar tree for charging phone (SFD) 	01 nos.	0.10			

for

		<ul style="list-style-type: none"> • Wireless set • E-cycle for ecotourism • Camera traps • Capacity Building for frontline Executive Staff/ wildlife staff & workers of the Department • Exposure visit of frontline Executive Staff/ Rescue Team • Construction of watch tower using iron angles with outer finishing of bamboo/ wood so as it camouflages with the forest area CA site at Yamuna Bank Metro Station • Construction of residential and official buildings for frontline staff (beat offices) @2 lakh in each Division (SFD) • Construction of residential and official buildings for frontline staff (Range offices) @1 in each Division • Construction of Pucca beds for raising saplings (100 Nos.) Beds of Size 12 Mtr. X 1 Mtr. (NFD) • Purchase of Bobcat Mini Excavator/equivalent brand (SFD) 	04 nos.	0.15			
			20 nos.	0.15			
			40 nos.	0.20			
			10 nos.	0.25			
			05 nos	0.25			
			01 nos.	0.05			
			08 nos.	1.60			
			04 nos.	2.00			
			100 nos	0.28			
			01 no.	0.30			
5.		Activities as per Rule 6(b) of CAF Rules, 2018					
	6(b)i	Management of office establishment State CAMPA CEO with details	NIL	NIL			
	6(b)ii	Office equipment including computers and peripherals and its maintenance					

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	<ul style="list-style-type: none"> • Purchase of laptops/ Computers • Procurement of DGPS for surveying and demarcation of forest land (SFD) 	20 nos. 03 nos.	0.20 0.90			
6(b)iii	Hiring of staff cars for the use only for CEO office- <ul style="list-style-type: none"> • Hiring of electric vehicles for Departmental use for one year 	05 nos.	0.30			
6(b)iv	Hiring of buildings on lease for office establishment and residence only for CEO	NIL	NIL			
6(b)v	Other contingencies for management of State Authority	NIL	NIL			
6(b)vi	Any other activity for management of forests and wildlife with the approval of Steering Committee and included in the APO- <ul style="list-style-type: none"> • Hiring of electric golf carts for eco-tourism purpose in Asola Bhatti Wildlife Sanctuary (SFD) for one year 	12	0.72			
	Spillover activities:					

* Specify the wage rate, wherever applicable.

* For a new activity not mentioned here new row may be inserted below the relevant rules

* Specify the provision of wage employment in mandays during the proposed activities

hr

CAMPA ANNUAL PLAN OF OPERATIONS 2024-25			STATE: DELHI				ANNEXURE-III					
Table 1: Mandatory Activities-Compensatory Afforestation (CA)/ Penal Compensatory Afforestation (PCA)												
S.No	FC Proposal Details	CA Area as per FC proposal (Details as per the original FC proposal for 10 years) (GT)			CA Executed (A) (Year wise details of activity & expenditure to be provided)		CA Proposed for current Financial Year (B)		Remaining CA (GT - (A+B))		Interest Amount to offset incremental cost of CA/PCA (in lakhs)	Remarks
		Area (In Ha)	Location (KML File)	Financial (in lakhs)	Physical (In Ha.)	Financial (in lakhs)	Physical (In Ha.)	Financial (in lakhs)	Physical (In Ha.)	Financial (in lakhs)		
1	2	3	4	5	6	7	8	9	10	11	12	13
Creation of Compensatory Afforestation												
1	Creation of CA on 0.0719 ha NFL wrt construction of six lane RCC bridge on downstream of existing bridge on Chhawla Najafgarh Road, Amberheri Village (WFD)	0.0719	https://drive.google.com/drive/folders/1mNqPFqpHJegrRf13dU2eGGP5uoHwYxs2?usp=sharing	26.42	0	0	0.289	4.31	0	22.11	0	
2	Creation of CA on 0.9627 ha NFL wrt Boring and installation of 150 nos tubewells at Nilothi and Najafgarh area etc for augmentation of water supply. Ghittorni (WFD)	0.9627	https://drive.google.com/file/d/1NqM6DkUn83JNlWgT0nhrRpZhm9Mfsflvlew?usp=sharing	88.21	0	0	0.9627	14.5	0	73.71	0	
3	Creation of CA on 0.10 ha NFL wrt G-20 preparedness work construction of approach road from Mathura Road to Gate No. 8 & 9 ITPO complex, Pragati Maidan, Ujjawa (WFD)	0.1	https://drive.google.com/file/d/1HXuG7gaa1ZNS5C8nkQLD10Dd0bbLiHbviow?usp=sharing	9.14	0	0	0.1	1.5	0	7.64	0	
4	Creation of CA on 3.05 ha NFL wrt construction of East Vinod Nagar Depot by Transport Department, GNCTD. Rawta (WFD)	3.05	https://drive.google.com/file/d/1c3B9qRhSh1s8-6t7AcWQe82X99MHmlL/view?usp=sharing	145.4	0	0	3.05	73.62	0	71.78	0	
5	Creation of CA on 1.282 ha NFL wrt construction of Delhi Gurugram SNB RRTS corridor by NCRTC. Dhoolsiras, Dwarka (WFD)	1.282	https://drive.google.com/file/d/1S7HTS0finalDulXGD-iYobeeNAyIyV1v/view?usp=sharing	149.59	0	0	1.282	71.8	0	77.79	0	
6	Creation of CA and fencing of plantation area wrt Diversion of 21.173 ha land for Anand Vihar-Tilak Bridge Area Badarpur Khadar, Yamuna Flood Plains (Northern railway) (CFD)	6.17	https://drive.google.com/file/d/1X5McZnqaQPcQLdMxd3b5AhTuxfZ6zH4R/view?usp=sharing	576.65	0	0	6.17	166	0	410.65	0	Fencing -100 Lakh Site Preparation- 11 Lakh Plantation activities - 25 Lakh Maintenance 1 yr- 30 Lakh
7	Casualty replacement of CA carried out on 19.9 ha land against Diversion of 19.9 ha land for construction of Vinod Nagar Depot (CFD) (Casualty replacement) (CFD)	19.9	https://drive.google.com/file/d/12KFKoMAuHJKCDmf4snA4U0s7AzB59nVg/view?usp=share_link	1998.37	19.9	161.7	19.9	215	0	1621.67	0	Fencing -125 Lakh Site Preparation- 8 Lakh Creation- 28 Lakh Maintenance - 52 Lakh
8	Creation of CA on 0.124 ha NFL wrt Construction of Guru Ravidas Temple (CFD) Location: Village Usmanpur	0.124	https://drive.google.com/file/d/1qszboDONPn9VX5L-J08QB28SeJc8SgI/view?usp=share_link	17.7	0	0	0.124	6	0	11.7	0	Site Preparation- 0.25 Lakh Plantation activities - 0.25 Lakh Maintenance 1 yr- 5.5

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S.No	FC Proposal Details	Table 1: Mandatory Activities-Compensatory Afforestation (CA)/ Penal Compensatory Afforestation (PCA)										
		CA Area as per FC proposal (Details as per the original FC proposal for 10 years) (GT)			CA Executed (A) (Year wise details of activity & expenditure to be provided)		CA Proposed for current Financial Year (B)		Remaining CA (GT - (A+B))		Interest Amount to offset incremental cost of CA/PCA (in lakhs)	Remarks
Area	Location	Financial	Physical	Financial	Physical	Financial	Physical	Financial	Physical	Financial		
9	Creation of CA on 0.35 Ha NFL wrt Construction of 6 Lane access controlled Highway from DND Maharani Bagh to Junction with Jaitpur-Pushta Road Section of NH-148 NA R (PKG – I) (SFD) Location: NTPC, Ecopark Badarpur	0.35	https://drive.google.com/file/d/1-5WBW7b-1Czqf0W0DxXyTylwJfAE3zwUQ/view?usp=drivesdk	39	0	0	0.35	23.23	0	15.77	0	
10	Creation of CA on 3.0955 ha NFL wrt Construction of 6 Lane access controlled Highway from DND Maharani Bagh to Junction with Jaitpur-Pushta Road Section of NH-148 NA (Design Ch. 2+900 to 6+700) in the NCR of Delhi (PKG – I) under Bharat in South East District in Delhi State. (SFD) Location: NTPC, Eco Park, Badarpur	3.0955	https://drive.google.com/file/d/1-3UEOeyam68nbkKOTFixM0N3oAqehYyY/view?usp=drivesdk	255.64	0	53	3.0955	21.6	0	181.04	0	
11	Creation and maintenance of 569 saplings on DFL in ABWLS as CA site for FCA proposal for Boring and installation of tube wells at Garhi Mandu forest for augmentation of water supply FP/DL/WATER/424015/2023 (SFD)	0.7	https://drive.google.com/drive/folders/1Avp5yz-BGqQxZNXKXzCjBRFLe6zPpJ7?usp=drive_link	46.33	0	0	0.7	9.46	0.7	36.87	0	
12	Creation and maintenance of 374 saplings on DFL in ABWLS as CA site for FCA proposal for Diversion of 0.1682 Ha. Forest Land between Nanaksar Gurudwara and Garhi Mandu Forest range for erection of 2 nos. Monopoles for shifting of South of Wazirabad to Gopalpur 220 kV D/C line of DTL FP/DL/TRANS/415346/2023 (SFD)	0.336	https://drive.google.com/file/d/1cH8jXgZc-DjGRwUtkvsmbv_zgGL5IB9wT/view?usp=drivesdk	30.45	0	0	1	6.21	1	24.24	0	
13	Creation and maintenance of 1902 saplings on DFL in Jaunapur village as CA site for FCA proposal for construction of 765kV Khetri-Narela transmission line FP/DL/TRANS/441848/2023 (SFD)	3.7022	https://drive.google.com/file/d/1K2kPQkg111ZAiBC5mDp66slSFUBuRjLd/viaw?usp=drivesdk	155.57	0	0	3.7022	31.63	3.7022	123.94	0	
14	Creation and maintenance of 249 dwarf plantation on DFL in Jaunapur in lieu of FCA proposal for construction of 765kV Khetri-Narela transmission line FP/DL/TRANS/441848/2023 (SFD)	0.0994	https://drive.google.com/file/d/1iNResDyWDCpvmFrk_6QM-4Sc1bi0YV_/view?usp=drivesdk	20.27	0	0	0.0994	4.14	0.0994	16.13	0	
15	Creation and maintenance of 450 saplings on DFL in ABWLS as CA site for FCA proposal for Installation of 200 Nos Tube Wells in Flood plains of Palla and other suitable locations for augmentation of water supply. FP/DL/WATER/413205/2023 (SFD)	0.45	https://drive.google.com/drive/folders/1Avp5yz-BGqQxZNXKXzCjBRFLe6zPpJ7?usp=drive_link	36.64	0	0	0.45	7.48	0.45	29.16	0	

CAMPAA ANNUAL PLAN OF OPERATIONS 2024-25				STATE: DELHI		ANNEXURE-III						
Table 1: Mandatory Activities-Compensatory Afforestation (CA)/ Penal Compensatory Afforestation (PCA)												
S.No	FC Proposal Details	CA Area as per FC proposal (Details as per the original FC proposal for 10 years) (GT)			CA Executed (A) (Year wise details of activity & expenditure to be provided)		CA Proposed for current Financial Year (B)		Remaining CA (GT - (A+B))		Interest Amount to offset incremental cost of CA/PCA (in lakhs)	Remarks
		Area	Location	Financial	Physical	Financial	Physical	Financial	Physical	Financial		
	Total Amount proposed for creation of CA plantations							41.2748	656.48			
	Maintenance of CA plantations											
	First Year maintenance of plantations created in 2023-24											
1	First year maintenance of CA on 12 ha NFL wrt Development of Six- lane access controlled in Delhi portion of Delhi Saharanpur Highway from Akshardham NH-9 junction to Delhi/UP Border in the state of Delhi (SFD) Location: Meethapur village	12	https://drive.google.com/file/d/1-07or3OV2IbUuXNz-sqSRfROfehr2Cbg/view?usp=drivesdk	866.82	12	337	0	86.4	0	443.42	0	Includes cost of maintenance of plantation for a period of one year.
2	First year maintenance of dwarf plantation (1,80,000 nos.) carried out under the Transmission line wrt Diversion of forest land for PGCIL projects (SFD)	10	https://drive.google.com/file/d/1ene-GGluEhAtc_IP6vfyJH_LY3NQBp/view?usp=sharing		10	217	0	360	0			
3	First year maintenance of CA on 20.5 ha NFL wrt Construction of Underground Station at Krishna Park and Elevated Corridor between Keshopur to Mukarba Chowk for Jankapuri to R.K. Ashram Corridor of MRTS Phase -IV by DMRC Aero City to MRTS Corridors Dhoolsiras (DMRC) (WFD) Location: Dhoolsiras, Dwarka	20.57	https://drive.google.com/file/d/1-9P_rQ3upZXuyYVka8usJia0_DiQuPQA/view?usp=sharing	1530.43	20.57	108.79	0.0	102.85	0	1318.78	0	Includes cost of maintenance of plantation for a period of one year.
4	First year maintenance of CA on 2.396 ha NFL wrt Raising of Guide Bund Over River Yamuna by Northern Railways Dhoolsiras (Railways) (WFD) Location: Sector 29, Dwarka	2.39	https://drive.google.com/file/d/1Ns2LvQFwWYQh2K7j22nUHGJaoofRUV7i/view?usp=sharing	240.62	2.39	9.27	0	11.98	0	219.37	0	Includes cost of maintenance of plantation for a period of one year.
5	First year maintenance of CA on 1.48 ha NFL land wrt Diversion of 13.5165 Ha land for construction of LILO of 400 KV Bawana – Mandola T/L at Maharani Bagh of Power Grid Corporation Limited (CFD) Location: along Yudhister Setu on Western Bank of River Yamuna	1.48	https://drive.google.com/file/d/1naigWXAQstb3hVxm_FQSYF5DXEsf3Ba/view?usp=share_link	120.51	1.48	0.64	0	8	0	111.87	0	Amount for one Year Maintenance - 8 Lakh
6	First year maintenance of dwarf plantation carried out under the Transmission line wrt Diversion of 13.5165 Ha land for construction of LILO of 400 KV Bawana – Mandola T/L at Maharani Bagh of PGCIL Under the Transmission Line (CFD)	0.9	https://drive.google.com/file/d/1R0puN1wwNg5KG8IRKOncPwU9N1C5KEsn/view?usp=sharing	186	0.9	1.44	0	3	0	181.56	0	Amount for one Year Maintenance - 3 Lakh
	Total for first year maintenance				47.34			572.23				
	Second year maintenance of CA plantations created in 2022-23											

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Table 1: Mandatory Activities-Compensatory Afforestation (CA)/ Penal Compensatory Afforestation (PCA)												
S.No	FC Proposal Details	CA Area as per FC proposal (Details as per the original FC proposal for 10 years) (GT)			CA Executed (A) (Year wise details of activity & expenditure to be provided)		CA Proposed for current Financial Year (B)		Remaining CA (GT - (A+B))		Interest Amount to offset incremental cost of CA/PCA (in lakhs)	Remarks
		Area	Location	Financial	Physical	Financial	Physical	Financial	Physical	Financial		
7	Second year maintenance of CA wrt Diversion of Forest land for Development/Construction of UER-II, by NHAI in the state of Delhi, Holambi & Sannoth Village under Alipur Range (NFD)	47.96	https://drive.google.com/file/d/1qxRZAmxvUqGfKc9o2Npr2EYQzJcl_Viiew?usp=sharing	4218.07	47.96	471.69	0	255.47	0	3490.91	0	Tender for creation & one year maintenance have been awarded in the month of June & July, 2022, which was ended on July, 2023 and the same tender is continuous till finalisation of new tender.
8	Second year maintenance of CA wrt Construction of Common Central Secretariat 1,2 &3 at Existing IGNC A Building by CPWD Dhoolsiras (Central Vista) (WFD) Year of creation: 2022-23	8.11	https://drive.google.com/file/d/1hzBkjpAsdajMmW2YPnP4q4CfALha_21i/view?usp=sharing	707.28	8.11	109	0	40.55	0	557.73	0	Includes cost of maintenance of plantation for a period of one year.
9	Second year maintenance of CA wrt Construction of RRTS going towards Meerut Uttar Pradesh Dhoolsiras (WFD) Year of creation: 2022-23	4.61	https://drive.google.com/file/d/1l1lC_sWjxCpANleOCKL_nE9NHfP2Dx71a/viiew?usp=sharing	470.84	4.61	72.45	0	23.05	0	375.34	0	Includes cost of maintenance of plantation for a period of one year.
10	Second year maintenance of CA wrt Construction of 765 kV D/C Khetri-Jhatikara Transmission Line under Transmission System Associated with LTA Applications for Rajasthan Solar Energy Zone, Part-C Dhoolsiras Dwarka (WFD) Year of creation: 2022-23	4.89	https://drive.google.com/file/d/1x0LDRwfvSB2Vs9-qVZcJxeZCP8k6zlhQ/view?usp=sharing	398.19	4.89	77.09	0	24.45	0	296.65	0	Includes cost of maintenance of plantation for a period of one year.
11	Second year maintenance of CA wrt Construction of Urban extension Road-II. Dichaon Kalan (WFD) Year of creation: 2022-23	5.01	https://drive.google.com/file/d/1E3suEyuwHnx6CdomnEKsVR68ndgh27viev?usp=sharing	441.49	5.01	41.93	0	24.5	0	375.06	0	Includes cost of maintenance of plantation for a period of one year.
Total for 2nd year maintenance					70.58			368.02				
Third year maintenance of CA plantation created in 2021-22												
12	Third year maintenance of CA plantation created wrt Diversion of 13.5165 Ha land for construction of LILO of 400 KV Bawana – Mandola TL/ at Maharani Bagh of Power Grid (CFD) Year of creation: 2021-22	5.3	https://drive.google.com/file/d/1F8bOXFBROD2-xEwvzf9DB1coTevg2i/view?usp=sharing	980.09	5.3	53.72	0	200	0	726.37	0	Maintenance and watch & ward of plantation area for a period of one year - 45 Lakh Fencing of the sites estimated cost -156
		2.44	https://drive.google.com/file/d/1A4IQzQ9aswWZHPdZV0GKPEYDwPnM1L/view?usp=sharing		2.44		0		0		0	

CAMPA ANNUAL PLAN OF OPERATIONS 2024-25

STATE: DELHI

ANNEXURE-III

Table 1: Mandatory Activities-Compensatory Afforestation (CA)/ Penal Compensatory Afforestation (PCA)												
S.No	FC Proposal Details	CA Area as per FC proposal (Details as per the original FC proposal for 10 years) (GT)			CA Executed (A) (Year wise details of activity & expenditure to be provided)		CA Proposed for current Financial Year (B)		Remaining CA (GT - (A+B))		Interest Amount to offset incremental cost of CA/PCA (in lakhs)	Remarks
		Area	Location	Financial	Physical	Financial	Physical	Financial	Physical	Financial		
		4.3	https://drive.google.com/file/d/1NsDR2XiBq2IG_F_UF9iG_Mp1gscXFco_4/viaw2uscsbanna		4.3			0		0	0	
13	Third year maintenance of CA plantation created wrt Diversion of 10,9736 Ha land for construction of LILO of 400 KV Barnauli-Jhatikara T/L at Dwarka of PGCIL (CFD) Year of Creation: 2021-22	6.13	https://drive.google.com/file/d/1WUuHJlpiQEFa6i0HgS1fowjUXCjPwq@py/viaw7usp=sharing	893.6	6.13	45,062		0	120	0	728.538	0 Maintenance and watch & ward of plantation area for a period of one year - 40Lakh Fencing of the sites estimated cost -80
		4.85	https://drive.google.com/file/d/1clorX1vjiQERnPTpj4R1i_crkCzEhwSVI/view?usp=sharing		4.85			0		0	0	
Total for 3rd year maintenance					23.02				320			
Fourth year maintenance												
14	Fourth year Maintenance of CA plantation wrt Construction of LILO of 400 KV Barnauli- Samaypur Transmission Line & Construction of LILO of 220 KV Mehrauli-BTPS/Okhla Transmission Line of PGCIL (CFD) Year of Creation: 2020-21	35.73	https://drive.google.com/file/d/1vNacrfz95YM3OqqrZhuJvuS-d-9PcaJHvview?usp=sharing	1973.34	35.73	187.29		0	200	0	1586.05	0 Maintenance and watch & ward of plantation area for a period of one year - 80 Lakh Fencing of the sites estimated cost -120
15	Fourth year Maintenance of CA plantation wrt Construction of CPWD Flyover (CFD) Year of Creation: 2020-21	1.81	https://drive.google.com/file/d/1zaxYENb-vEFVQuRxMIYEsyB2qvkrQbN/view?usp=sharing	147.39	1.81	8.95		0	26	0	112.44	0 Maintenance and watch & ward of plantation area for a period of one year - 6 Lakh Fencing of the sites estimated cost -20 Lakh
16	Fourth year Maintenance of CA plantation & fencing of CA land over 10 ha NFL wrt Construction of Dwarka Expressway of Delhi Package-1 Shiv Murti to Delhi (CFD) Year of Creation: 2020-21	10	https://drive.google.com/file/d/1_bnOxl_bdaD3fE-VCAaWknybkkhY6GFer/view?usp=sharing	814.28	10	104.29		0	73	0	636.99	0 Maintenance and watch & ward of plantation for a period of one year - 33 Lakh Fencing - 40 Lakh
17	Fourth year maintenance of CA over 2 ha wrt Development of Urban Extension Road -II NH-344M from Design Km 0+00 at NH-1 intersection (Km 23+800, near Bakoli Village) to design Km 83+111 near Sector -24, Dwarka in the State of NCT, under North & West Forest Division (CFD)	2	https://drive.google.com/file/d/1_bnOxl_bdaD3fE-VCAaWknybkkhY6GFer/view?usp=sharing		2			0	7	0		Maintenance and watch & ward of plantation for a period of one year- 7 Lakh
Total for 4th year maintenance					49.54				306			
Ninth Year maintenance												
Grand Total for maintenance					190.48				1566.25			
Other mandatory activities approved as part of CA scheme (CFD)												
1	Purchase of tractor/trolley/ in built water tanker			60	0	0		3	47	0	13	The amount for procuring items was added in CA Scheme
2	Procurement of binoculars			3	0	0		5	1	0	2	

Table 1: Mandatory Activities-Compensatory Afforestation (CA)/ Penal Compensatory Afforestation (PCA)												
S.No	FC Proposal Details	CA Area as per FC proposal (Details as per the original FC proposal for 10 years) (GT)			CA Executed (A) (Year wise details of activity & expenditure to be provided)		CA Proposed for current Financial Year (B)		Remaining CA (GT - (A+B))		Interest Amount to offset incremental cost of CA/PCA (in lakhs)	Remarks
		Area	Location	Financial	Physical	Financial	Physical	Financial	Physical	Financial		
3	Construction of watch tower by using eco-friendly materials such as seasoned bamboo instead of iron angles/ steel at Shastri Park Bela Farm (19.9 ha)			40	0	0	1	5	0	35		prepared for Diversion of 19.9 ha land by DMRC for construction of Vinod Nagar Depot (Completed)
	Total			103				53				

Table 2: Mandatory Activity: Catchment Area Treatment Plan

S.No	FC Proposal Project	CAT Area as per FC proposal			CAT Executed		CAT Proposed for current		Remaining CAT		Interest Amount (in lakhs)
		CAT	Location	Financial	Physical	Financial	Physical	Financial	Physical	Financial	
		(in Ha. / No.)	(KML	(in lakhs)	(in Ha.)	(in lakhs)	(nos.)	(in lakhs)	(nos.)	(in lakhs)	
1	2	3	4	5	6	7	8	9	10	11	12
NIL											

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Table 3: Integrated wildlife Management Plan (IWMP)

S.No	FC Proposal Details	IWMP Area as per FC proposal			IWMP Executed		IWMP Proposed for current Financial Year		Remaining IWMP		Interest Amount to offset incremental cost of IWMP
		Project Name/Details	IWMP (nos.)	Location (kml file)	Financial (in lakhs)	Physical (nos.)	Financial (in lakhs)	Physical (nos.)	Financial (in lakhs)	Physical (nos.)	
1	2	3	4	5	6	7	8	9	10	11	12
NIL											

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Table 4: Mandatory Activity: Other Component												
S.No	FC Proposal Details	Others Area as per FC proposal			Others Executed		Others Proposed for current Financial Year		Remaining Others		Interest Amount to offset incremental cost of Other Component (in lakhs)	Remarks
		Others Activities (nos.)	Location (kml file)	Financial (in lakhs)	Physical (nos.)	Financial (in lakhs)	Physical (nos.)	Financial (in lakhs)	Physical (nos.)	Financial (in lakhs)		
1	2	3	4	5	6	7	8	9	10	11	12	13
NIL												

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Table 5: Net Present Value (NPV) & Interest

S.No	Plantation Target as per Working Plan for Current Year	Plantation under NPV			Others Schemes		Interest Amount to offset incremental cost of NPV	Remarks
		Physical (in Ha.)	Location (kml file)	Financial (in lakhs)	Physical (in Ha.)	Financial (in lakhs)		
1	2	3	4	5	6	7	8	9
NIL								



Table 6: Net Present Value and Interest :ANR									
S.No	ANR Target as per Working Plan for Current Year	Plantation under NPV			Others Schemes		Interest Amount to offset incremental cost of ANR	Remarks	CAMPA rule applicable
	Project Name/Details	Physical (in Ha.)	Location (kml file)	Financial (in lakhs)	Physical (in Ha.)	Financial (in lakhs)	(in lakhs)		
1	2	3	4	5	6	7	8	9	10
1	Maintenance of 4000 Plantation at Shikarpur (1st Year) (WFD)	10		20				Work already approved under APO 2023-24	5 (2) (a)
2	Ecorestoration Plantation on 10 ha and Maintenance thereof including Watch & Ward of Land under WFD	10		60					5 (2) (a)
3	Ecorestoration Plantation on 10 ha and Maintenance thereof including Watch & Ward of Land under SFD	10		60					5 (2) (a)
4	Ecorestoration Plantation on 10 ha and Maintenance thereof including Watch & Ward of Land under NFD	10		60					5 (2) (a)
	Total			200					

Table 7: Net Present Value and Interest: Soil and Moisture Conservation works

S.No	Soil Conservation Target	Soil Conservation Structures under NPV			Others Schemes		Interest Amount to offset incremental cost of NPV (in lakhs)	Remarks	Applicability of CAF rule
		Physical	Location	Financial	Physical	Financial			
		(nos.)	(kml file)	(in lakhs)	(nos.)	(in lakhs)			
1	2	3	4	5	6	7	8	9	10
1	Development of Rain water Recharge structures								
	@ Rs.2 lakh/Recharge structure (SFD & WFD)	100		200	0	0	0	The cost will vary depending on the size, slope and topography of the area.	5 (2) (g)
2	Check Dams @ Rs 1 lakh per check dam (SFD & WFD)	100		100	0	0	0	The cost will vary depending on the size, slope and topography of the area.	5 (2) (g)
	Total for SMC			300					

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S.No	Target Activities	Wildlife Activities under NPV			Others Schemes		Interest Amount to offset incremental cost of Wildlife Habitat Improvement (in lakhs)	Remarks	Applicability of CAF rule
		Physical (in Ha./ No.)	Location (kml file)	Financial (in lakhs)	Physical (in Ha./ No.)	Financial (in lakhs)			
1	2	3	4	5	6	7	8	9	10
1	Removal of invasive species especially Lantana camara in ABWLS & Central Ridge (SFD & CFD)	100		200	0	0	0		5 (2) (m)
2	Regular filling up of existing water holes at ABWLS (SFD)	130 waterholes		60	0	0	0		5 (2) (i)
3	Regular maintenance of existing patrolling paths and measures for dust suppression (20 kms) (SFD)	lumpsum		100	0	0	0		5 (2) (i)
4	Transportation cages for Leopard, Nilgai etc. for all 4 Divisions	4		40	0	0	0		5 (2) (k)
5	Purchase of cages for transportation of monkeys (CFD)	2		2.5	0	0	0		5 (2) (k)
6	Procurement of Drop Net for capturing animals 06 (NFD-01, SFD-01, WFD-01, CFD-02, HQ-01) @Rs.4 Lakh each	6		24	0	0	0	Work already approved under APO 2023-24	5 (2) (k)
7	Purchase of Animal rescue vehicle (for Wildlife Animals) 03 (01 each for NFD, CFD & WFD) @Rs.25 lakh each	3		75	0	0	0	Specifications: Force Trax Cruiser Ambulance Work already approved under APO 2023-24	5 (2) (k)
8	Plastic bottle shredder (ABWLS) (SFD)	4	ABWLS	20	0	0	0		5 (2) (i)
9	Solar tree for charging phone (SFD)	1	ABWLS	10	0	0	0		6 (a) (vi)
10	Wireless set (all 4 division)	50		15	0	0	0		6 (a) (vi)

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Table 8: Net Present Value and Interest: Wildlife Habitat Improvement								
S.No	Target Activities	Wildlife Activities under NPV		Others Schemes		Interest Amount to offset incremental cost of Wildlife Habitat Improvement	Remarks	Applicability of CAF rule
11	Purchase of special equipments and dress for rescue operations (02 set for each division)	8	160					5 (2) (k)
12	Kitbag for forest and wildlife guards (kitbag includes torch, water bottle, stick, first aid mini kit, swiss knife, hat/ cap, note book, whistle, basic pocket binocular, note pad, pen)	50	35	0	0	0		5 (2) (k)
13	E-cycle for Ecotourism (SFD)	20	15	0	0	0		6 (a) (vi)
14	Camera traps (All divisions)	40	20	0	0	0		6 (a) (vi)
	Total		776.5					

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Table 9: Net Present Value and Interest: Fire Management

S.No	Target Activities as per Integrated Fire Management Plan for Current Year	Fire Management Activities under NPV			Others Schemes		Interest Amount to offset incremental cost of Fire Management	Remarks	Applicability of CAF rule
		Physical (in Ha./ No.)	Location (kml file)	Financial (in lakhs)	Physical (in Ha./ No.)	Financial (in lakhs)			
1	2	3	4	5	6	7	8	9	10
	NIL			0					

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Table 10: Net Present Value and Interest: Capacity Building/ Awareness Activities

S.No	Target Activities as per State Plan for Current Year	Activities		Others Schemes		Interest Amount to offset incremental cost of Capacity Building/Awareness Activities (in lakhs)	Remarks	Applicability of CAF rule
		Physical (in Nos.)	Financial (in lakhs)	Physical (In Nos.)	Financial (in lakhs)			
1	2	3	4	5	6	7	8	9
1	Capacity Building for frontline Executive Staff/ wildlife staff & workers of the Department	10 programmes	25					6 (a) (vi)
2	Exposure visit of frontline Executive Staff/ Rescue Team	5 programmes	25					6 (a) (vi)
	Total		50					

Table 11: Net Present Value and Interest: Frontline Staff Quarters

S.No	Target Activities as per State Plan for Current Year	Activities		Others Schemes		Interest Amount to offset incremental cost of Frontline Staff Quarters (in lakhs)	Remarks	Applicability of CAF rule
		Physical (in Nos.)	Financial (in lakhs)	Physical (In Nos.)	Financial (in lakhs)			
	Project Name/Details	3	4	5	6	7	8	9
1	2							
	NIL		0					



Table 12: Net Present Value and Interest : Casual Labours

S.No	Target Activities as per State Plan for Current Year	Activities		Others Schemes		Interest Amount to offset incremental cost of Casual Labours (in lakhs)	Remarks	Applicability of CAF rule
		Physical (in Nos.)	Financial (in lakhs)	Physical (In Nos.)	Financial (in lakhs)			
	Project							
1	2	3	4	5	6	7	8	9
	NIL		0					

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Table 13: Net Present Value and interest : Hiring of Vehicles

S.No	Target Activities as per State Plan for Current Year	Activities		Others Schemes		Interest Amount to offset incremental cost of Hiring of Vehicles (in lakhs)	Remarks	Applicability of CAF rule
		Physical (in Nos.)	Financial (in lakhs)	Physical (In Nos.)	Financial (in lakhs)			
1	2	3	4	5	6	7	8	9
1	Hiring of electric golf carts for eco-tourism purpose in Asola Bhatti Wildlife Sanctuary (SFD) for one year	12	72	0	0	0		6 (b) (vi)
2	Hiring of electric vehicles for Departmental use for one year	5	30	0	0	0		6 (b) (iii)
	Total		102					

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Table 14: Net Present Value and interest: Other Activities

S.No	Target Activities as per State Plan for Current Year	Activities		Others Schemes		Interest Amount to offset incremental cost (in lakhs)	Remarks	Applicability of CAF rule
		Physical	Financial	Physical	Financial			
		(in Nos.)	(in lakhs)	(In Nos.)	(in lakhs)			
1	2	3	4	5	6	7	8	9
1	Construction of watch tower using eco-friendly materials such as seasoned bamboo instead of iron angles/ steel CA site at Yamuna Bank Metro station (CFD)	1	5	0	0	0		6 (a) (vi)
2	Development of Tissue Culture lab at Asola Bhatti Wildlife Sanctuary (SFD)	1	146	0	0	0	Work already approved under APO 2023-24	5 (3) (a)
3	Engagement of scientist/ research associate for tissue culture lab	2	19.2	0	0	0		6 (a) (iv)
4	Installation of Solar panels at parking shed, office building and beat (SFD)	3	30	0	0	0		5 (2) (d)
5	Development of Interpretation centre (SFD)	1	200	0	0	0		5 (3) (b)
6	Establishment of modern nursery (SFD)	1	130	0	0	0		5 (3) (a)
7	Raising of 9 lakhs saplings in the modern nursery (All Divisions)	1	520	0	0	0		5(3) (a)
8	Construction of Boundary walls for protection of Central Ridge (4 kms) (WFD)	1	350	0	0	0		5 (2) (d)
9	Construction of residential and official buildings for frontline staff (beat offices) @2 lakh in each Division (SFD)	8	160	0	0	0		6 (a) (vi)
10	Construction of residential and official buildings for frontline staff (Range offices) @1 in each Division	4	200	0	0	0		6 (a) (vi)

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Table 14: Net Present Value and interest: Other Activities

S.No	Target Activities as per State Plan for Current Year	Activities		Others Schemes		Interest Amount to offset incremental cost	Remarks	Applicability of CAF rule
11	Procurement of DGPS for surveying and demarcation of forest land (SFD)	3	90	0	0	0	Work already approved under APO 2023-24	6 (b) (ii)
12	Construction of Pucca beds for raising saplings (100 Nos.) Beds of Size 12 Mtr. X 1 Mtr. (NFD)	100	28	0	0	0		6 (a) (vi)
13	Extension of 01 Account Assistant for CAMPA monitoring works for a period of 1 year from the date of hiring with increment as per ICSIL norms @ Rs. 50,000/-per month (HQ)	1	6.5	0	0	0		6 (a) (iv)
14	Engagement of 01 Project Associate for CAMPA monitoring works for a period of 1 year from the date of hiring (remuneration as per RMB) @ Rs. 60,000/-per month (HQ)	1	7.2	0	0	0	Work already approved under APO 2023-24	6 (a) (iv)
15	Engagement of 02 Programmers for development and maintenance of CAMPA website in HQ for a period of 1 year from the date of hiring @Rs. 75,000/- per month/each	2	18	0	0	0	Work already approved under APO 2023-24	6 (a) (iv)
16	Crane/boom-lift for the purpose of pruning of trees for eco-restoration works	4	50	0	0	0		5 (2) (c)
17	Conducting third party monitoring of CAMPA works/ plantations	1	20	0	0	0	Work already approved under APO 2023-24	5 (3) (h)

Table 14: Net Present Value and interest: Other Activities								
S.No	Target Activities as per State Plan for Current Year	Activities		Others Schemes		Interest Amount to offset incremental cost	Remarks	Applicability of CAF rule
18	Purchase of Electric Motorcycles (For Forest Guard)	50	50	0	0	0	Work already approved under APO 2023-24	5 (3) (c)
19	Purchase of Computers/Laptops @Rs.1 Lakh each	20	20	0	0	0		6 (b) (ii)
20	Purchase of Bobcat Mini Excavator/ equivalent brand (SFD)	1	30	0	0	0		6 (a) (vi)
	Total		2079.9					

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Table 15: Net Present Value and interest: Overhead Expenditure

S.No	Target Activities as per State Plan for Current Year	Activities		Others Schemes		Interest Amount to offset incremental cost of Hiring of Vehicles	Remarks	Applicability of CAF rule
		Physical	Financial	Physical	Financial			
		(in Nos.)	(in lakhs)	(In Nos.)	(in lakhs)			
1	2	3	4	5	6	7	8	9
	NIL		0					

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Details of Spillover works from earlier APOs of Delhi State CAMPA									
S. No.	Project Name/Details/ Activities	Targets as Approved by NCAMPA		Location	Expenditure incurred	Amount for which revalidation is sought	Year of APO in which activity was approved by NCAMPA	Remarks	Applicability of CAF rule
		Physical (in Nos.)	Financial (in lakhs)						
1	2	3	4	5	6	7	8	9	10
1	Maintenance of CA on 1.48 ha NFL land wrt Diversion of 13.5165 Ha land for construction of LILO of 400 KV Bawana –Mandola T/L at Maharani Bagh of Power Grid Corporation Limited (CFD) Location: along Yudhister Setu on Western Bank of River Yamuna Year of Creation -2023-24	1.48	60	https://drive.google.com/file/d/12KFkQMAuhJKCDmf4snA4U0s7Azb59hVg/view?usp=share_link	0.64	2.4	2023-24	Payment of Rs. 2.4 Lakh is pending for last financial year (maintenance)	as per section 6 (a) of the CAF Act,2016
2	Maintenance of Plantation of dwarf species/ shrubs under the Transmission line wrt Diversion of 13.5165 Ha land for construction of LILO of 400 KV Bawana –Mandola T/L at Maharani Bagh of PGCIL (CFD) Year of Creation -2023-24	0.9	10	https://drive.google.com/file/d/12KFkQMAuhJKCDmf4snA4U0s7Azb59hVg/view?usp=share_link	1.44	0.75	2023-24	Payment of Rs. 0.75 Lakh is pending	as per section 6 (a) of the CAF Act,2016
3	Second year maintenance of CA plantation & fencing of CA land 2820 m created wrt Diversion of 13.5165 Ha land for construction of LILO of 400 KV Bawana –Mandola T/L at Maharani Bagh of Power Grid (CFD) Year of creation: 2021-22	12.04	237.71	https://drive.google.com/file/d/1WIFVNW5BOu60-0fHqkF7IMK4PfPCLnm/view?usp=sharing	1.94	12	2023-24	Payment of Rs. 12 Lakh is pending	as per section 6 (a) of the CAF Act,2016
4	Second year maintenace of CA plantation & fencing of CA land (3011 m) created wrt Diversion of 10.9736 Ha land for construction of LILO of 400 KV Bamnauli-Jhatikara T/L at Dwarka of PGCIL (CFD) Year of Creation: 2021-22	10.98	214	https://drive.google.com/file/d/1cubKEJRMLwR09iYlabQ6uM0sz54PjeV2/view?usp=drive_link	1.5	22	2023-24	Payment of Rs. 22 Lakh is pending	as per section 6 (a) of the CAF Act,2016

JK

Details of Spillover works from earlier APOs of Delhi State CAMPA									
S. No.	Project Name/Details/ Activities	Targets as Approved by NCAMPA		Location	Expenditure incurred	Amount for which revalidation is sought	Year of APO in which activity was approved by NCAMPA	Remarks	Applicability of CAF rule
5	Third year Maintenance of CA plantation & fencing of CA land (2777 m) wrt Construction of LILO of 400 KV Bamnauli- Samaypur Transmission Line & Construction of LILO of 220 KV Mehrauli-BTPS/Okhla Transmission Line of PGCIL (CFD) Year of Creation: 2020-21	35.73	350	https://drive.google.com/file/d/1vNqcr6z95YM3OqqrZnuJu-uS-d-9PcaJH/view?usp=sharing	0	27	2023-24	Payment of Rs. 27 Lakh is pending	as per section 6 (a) of the CAF Act,2016
6	Third year Maintenance of CA plantation & fencing of CA land (627m) wrt Construction of CPWD Flyover (CFD) Year of Creation: 2020-21	1.81	46	https://drive.google.com/file/d/1xaxYENb_vEFVQuRxMlYFsyR2qvkrQbN/view?usp=sharing	3.14	1.6	2023-24	Payment of Rs. 1.6 Lakh is pending	as per section 6 (a) of the CAF Act,2016
7	Construction of 7 Km long Boundary wall alongwith concertina fencing at CA site Holambi & Sannoth (NFD)		547	Holambi & Sannoth (KML attached) 28°48'45.57" N 77° 5'13.28" E https://drive.google.com/file/d/1rMcIV8UsnffoTq79bFKjVP6MiAgD7d5x/view?usp=sharing	235	312	2022-23 & 2023-24	Amount has been deposited, around 80% work has been completed by I&FCD, however budget hasn't been utilized.	as per section 6 (a) of the CAF Act,2016
8	Construction of 02 nos. of Watch Towers at CA site Holambi & Sannoth (NFD)	2	44	Holambi&Sannoth CA site	0	44	2022-23 & 2023-24		as per section 6 (a) of the CAF Act,2016
9	LMV- (02 nos.) Farm Machinery (Tractor 02 nos.) (NFD)	2	30			30	2022-23 & 2023-24	The file is currently under process of approval of Expenditure Sanction.	as per section 6 (a) of the CAF Act,2016
10	Construction of Polyhouse at KNR Nursery for modernization of nursery (CFD)	1	5	Kamla Nehru Ridge	0	5	2023-24	Work completed payment is pending	as per rule 5 (3) (a)

Details of Spillover works from earlier APOs of Delhi State CAMPA									
S. No.	Project Name/Details/ Activities	Targets as Approved by NCAMPA		Location	Expenditure incurred	Amount for which revalidation is sought	Year of APO in which activity was approved by NCAMPA	Remarks	Applicability of CAF rule
11	Construction of Watch Tower at Shastri Park plantation area near Metro Station (CFD)	1	8	Shastri Park Metro Station	0	8.67	2023-24	Work completed through I&FCD payment is pending	as per rule 5 (3) (d)
Total			1551.71		243.66	465.42			

fr

Summary of APO 2024-25				
S.No.	Work Component	Physical	Financial (Rs. In Lakh)	Remarks
1	Compensatory Afforestation			
	a) Creation	41.2748	656.48	
	b) Maintenance	190.48	1566.25	
	c) Other mandatory activities as per CA scheme		53	
	Total expenditure proposed from CA component		2275.73	
2	Total expenditure proposed from NPV		2712.5	
3	Total expenditure proposed from Interest		795.9	
	Total amount proposed for APO 2024-25		5784.13	
4	Revalidation of Works approved in 2023-24		465.42	
	Grand total		6249.55	

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DETAILS OF FINANCIAL OUTLAY FOR INTEGRATED APOsx

Physical Activities and Financial Targets under APOs of CSS, State Plan, CAMPA & any other scheme (2023-24)

S. No	Activities	CAMPA		CSS (Centrally Sponsored Schemes)		External Aided Management Project		State Plan		Any other scheme	
		Physical	Financial	Physical	Financial	Physical	Financial	Physical	Financial	Physical	Financial
		Area in ha.	Rs. in crores	Area in ha.	Rs. in crores	Area in ha.	Rs. in crores	Area in ha.	Rs. in crores	Area in ha.	Rs. in crores
1.	Fire Prevention and control operations	-	-	-	-	-	-	-	-	-	-
2.	Wildlife Management	-	1.62	-	-	-	-	-	-	-	-
3.	Forest Protection	-	2.90	-	-	-	-	-	-	-	-
4.	Project Tiger	-	-	-	-	-	-	-	-	-	-
5.	Project Elephant	-	-	-	-	-	-	-	-	-	-
6.	Green India Mission	-	-	-	-	-	-	-	-	-	-
7.	Forest Infrastructure	-	0.40	-	-	-	-	-	-	-	-
8.	Vehicles	-	-	-	-	-	-	-	-	-	-
9.	Office Establishment	-	0.89	-	-	-	-	-	-	-	-
10.	Hiring of buildings	-	-	-	-	-	-	-	-	-	-



11.	Any other item Specify:	-	-	-	-	-	-	-	-	-	-
a.	Compensatory Afforestation	45.17ha	12.33	-	-	-	-	-	-	-	-
	Spill over(Dwarf Plantations)	10 ha	1.26								
b.	Maintenance of CA	163.32h a	20.80	-	-	-	-	-	-	-	-
c.	Other		6.69	-	-	-	-	-	-	-	-
d.	Plantation(ANR)		0.20	-	-	-	-	-	-	-	-

JK

DETAILS OF FINANCIAL OUTLAY FOR INTEGRATED APOs

Physical Activities and Financial Targets under APOs of CSS, State Plan, CAMPA & any other scheme

2024-25* expected

S. No	Activities	CAMPA		CSS (Centrally Sponsored Schemes)		External Aided Project		State Plan		Any other scheme	
		Physical	Financial	Physical	Financial	Physical	Financial	Physical	Financial	Physical	Financial
		Area in ha.	Rs.in crores	Area in ha.	Rs.in crores	Area in ha.	Rs.in crores	Area in ha.	Rs.in crores	Area in ha.	Rs.in crores
1.	Fire Prevention and control operations	-	-	-	-	-	-	-	-	-	-
2.	Integrated Wildlife Management	-	-	-	-	-	-	-	-	-	-
3.	Forest Protection	-	-	-	-	-	-	-	-	-	-
4.	Project Tiger	-	-	-	-	-	-	-	-	-	-
5.	Project Elephant	-	-	-	-	-	-	-	-	-	-
6.	Green India Mission	-	-	-	-	-	-	-	-	-	-
7.	Forest Infrastructure	-	-	-	-	-	-	-	-	-	-
8.	Vehicles	-	-	-	-	-	-	-	-	-	-
9.	Office Establishment	-	-	-	-	-	-	-	-	-	-
10.	Hiring of buildings	-	-	-	-	-	-	-	-	-	-
11.	Any other item Specify:	-	-	-	-	-	-	-	-	-	-
	-do-	-	-	-	-	-	-	-	-	-	-

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**GOVERNMENT OF NCT OF DELHI
DEPARTMENT OF FORESTS & WILDLIFE
A-BLOCK, 2 ND FLOOR, VIKAS BHAWAN, IP ESTATE,
NEW DELHI-110002.**

File No. FAWL-A018/1/2024-Tree Cell/CAMPA | 213-16

Dated: 08.04.24

To,

Deputy Chief Executive Officer,
National Authority, CAMPA
Ministry of Environment, Forests & Climate Change
Hall No.1, 4th Floor
Block No. 3, CGO Complex
Lodhi Road, New Delhi-110003

Sub: Submission of information regarding accrual of interest on State CAMPA Fund - reg.

Madam / Sir,

Kind reference is invited towards your office letter dated 07.03.2024 regarding the subject cited above. In this regard, may please find the details as below:

Year	State CAMPA Fund available in the Public Account of State/ UT	Total Interest amount accrued (year-wise)	Rate of Interest	Interest amount credited deposited / by State/UT Government	Date of credit
2019-20	-	-	5.50%	-	-
2020-21	-	-	3.40%	-	-
2021-22	1,36,31,11,324.06*	2,00,51,400.06	3.35%	-	-
2022-23	1,32,03,04,015.49*	4,55,77,788.01	3.35%	-	-
TOTAL		6,56,29,188.07		-	-

Note:-

Total amount released by MoEF&CC (NCAMPA) in 02 installments during the F.Y. 2021-22 is amounting to Rs.138.17 Cr. and the amount of Rs.1,36,31,11,324.06 is available at end of the year after deducting the total expenditure incurred during the said period. The detail of amount received in 02 installments is as under:

- > 1st installment- Amount of Rs. 128.61 Cr. (approx.) vide letter No.NA-11-100/2015-FC/NA, dated: 21.09.2021 and
- > 2nd installment- Amount of Rs.9.56 Cr. (approx.) vide letter No. 12-3(10)/2013 CAMPA, dated: 07.01.2022

There is no amount released by MoEF&CC (NCAMPA) during the F.Y. 2022-23 and the amount of Rs.1,32,03,04,015.49 is the cumulative balance available at the end of the year after deducting the total expenditure incurred during the said period.

However, it is also inform that the amount of Rs. 143,98,58,570.00 during the F.Y. 2023-24 has also been released/transferred by MoEF&CC (NCAMPA)vide letter No. 11-100/2015-FC/NA, dated: 10.01.2024.

Further, vide Letter No. F.No.10/CAMPA/F&WL/CAMPA-Interest/2023-24/7259- 64, dated: 09.01.2024 the information regarding the computation of year wise accrued interest from 2019-20 to 2022-23 along with computation sheets of accrued interest as required had already been sent to MoEF&CC (NCAMPA) & copy to concern PAO. However, accrued interest amount has not yet been credited to the CAMPA Account.

Yours faithfully

Asabestu
8/4/2024

(Jabestin A., IFS)

Deputy Conservator of Forests (HQ)
/ Link Officer

File No. FAWL-A018/1/2024-Tree Cell/CAMPA | 213

Dated: 08.04.24

Copy to:

1. PS to APCCF/HoD, Department of Forests and Wildlife, Govt. of NCT of Delhi.
2. PA to CCF (Admn.), Department of Forests and Wildlife, Govt. of NCT of Delhi.
3. Sr. A.O., Department of Forests and Wildlife, Govt. of NCT of Delhi.

Asabestu
8/4/2024

(Jabestin A., IFS)

Deputy Conservator of Forests (HQ)
/ Link Officer

GOVT OF NCT OF DELHI
DEPARTMENT OF FOREST & WILDLIFE
A-BLOCK, 2ND FLOOR, VIKAS BHAWAN, NEW DELHI-110002.

F. No. 28/PS/APCCF/CAMPA/Misc./2018 / 1238-41

Dated: 22/5/24

To,

The Chief Executive Officer,
National Compensatory Afforestation fund Management & Planning Authority,
Ministry of Environment, Forests & Climate Change,
Govt. of India.

Sub: Status on release of fund by the State Government to the State/UT Forest Department for carrying out CAMPA activities against the approved APO for the FY 2023-24.- reg.

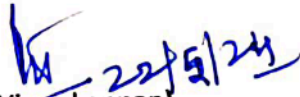
Ref: CAMPA Letter No. NA-14/1/2022-NA, dated: 13.03.2024.

Sir,

With reference to your office letter No. NA-14/1/2022-NA, dated 13.03.2024 regarding the subject cited above, please find attached herewith the requisite information on the status of CAMPA fund released and utilized by the Department of Forests & Wildlife, govt. of NCT of Delhi for the financial years 2018-19 to 2023-24 in the prescribed format.

Encl. As above

Yours faithfully,

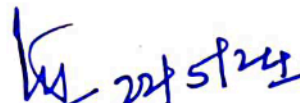

(Dr. P. Viswakannan)
Chief Conservator of Forests (Admin.)

F. No. 28/PS/APCCF/CAMPA/Misc./2018 / 1238-41

Dated: 22/5/24

Copy to:

1. P. S. to APCCF/HOD, Dept. of Forests & Wildlife, GNCTD.
2. PA to CCF (Admin.), Dept. of Forests & Wildlife, GNCTD.
3. Sr.A.O./A.A.O., Dept. of Forests & Wildlife, GNCTD.


(Dr. P. Viswakannan)
Chief Conservator of Forests (Admin.)

**Details of CAMPA-Funds
for the F.Y. 2018-2024**

(In Crore)

Year	Fund Approved by National Authority for APO	Fund released by State Government to State Forest Department (<u>Budgetary Allotment</u>)	Date of release (CAMPA Fund)	Fund utilized by State Forest Department	Remarks
2018-19	-	-	-	-	
2019-20	-	-	-	-	
2020-21	19.55	-	-	-	
2021-22	16.15	9.78	1 st week of the Financial Year (FY). <ul style="list-style-type: none"> The funds are allotted along with the State Budget in the 1st week of the F.Y. based on approved APO of previous financial year. Release of CAMPA funds is not a constraint for NCT of Delhi as it is timely released along with the State Budget. 	4.15	Funds released as demanded by the Department
2022-23	33.93	16.58		11.95	Funds released as demanded by the Department
2023-24	47.15	47.15		8.93	Funds released as demanded by the Department
Total	116.78	73.51		25.03	

GOVERNMENT OF NCT OF DELHI
DEPARTMENT OF FORESTS & WILDLIFE
A-BLOCK, 2ND FLOOR, VIKAS BHAWAN, IP ESTATE,
NEW DELHI-110002

F.No.16/CAMPA/F&WL/APO/2024-25 /1460

Dated: 31/05/24

CERTIFICATE

1. "I confirm that the budgetary figures in this agenda are as per APO of the Delhi State/UT. It is further confirmed that all budgetary demands of the State under various Heads are in compliance with the CAMPA Act 2016 and the extant policies of Govt of India and CAMPA."

(Name & Signature of State CEO)


(Dr. Suneesh Buxy)
APCCF/HoD/
Nodal Officer CAMPA

Report

**MONITORING & EVALUATION OF CAMPA WORKS
CARRIED OUT DURING 2011-12 & 2012-13 BY
DEPARTMENT OF FORESTS & WILDLIFE, GOVT. OF
NCT OF DELHI
Under Delhi CAMPA**



Submitted to

**Chief Conservator of Forest
Delhi Forest Department
New Delhi**



AFC INDIA LIMITED

**Northern Regional Office: B1/9, IIIrd floor, Community Centre
Janakpuri, New Delhi-110058**

Phone: 011-45791190-96, Fax: 91-45791189 Email: afcdelhi@afcindia.org,

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Executive Summary

Asola Bhatti Wildlife Sanctuary, with a geographical area of 2782 ha, is located in South Delhi district of Delhi State of India. Though, the community land of villages Asola, Shapur & Maidangari (4707 Acre) was notified during 1986 & land of Bhatti (2167 Acre) was notified in 1991 for this Wildlife Sanctuary but the encroachments and illegal mining could not be controlled.

132 INF BN (TA) ECO-RAJPUT was raised as a Eco-Task Force (ETF) in the year 2000 for controlling the encroachments and illegal mining and eco-restoration of Asola Bhatti Wildlife Sanctuary.

For eco-restoration, two schemes (State scheme and CAMPA scheme) are being implemented by the ETF in the Asola Bhatti Wildlife Sanctuary. The State scheme is being implemented w.e.f 2001-02 and the CAMPA scheme w.e.f 2011-12. The Delhi Forest Department is providing funds and technical assistance to the ETF for the implementation of these schemes.

Ministry of Environment and Forests (MoEF), Govt. of India had issued guidelines on 2nd July 2009 for establishing Compensatory Afforestation Fund Management and Planning Authority (CAMPA) in the States/UTs and putting in place a funding mechanism for enhancing forest and tree cover and conservation and management of wildlife by utilising funds received towards Compensatory Afforestation (CA), Net Present Value (NPV), etc., currently available with the Adhoc CAMPA. Accordingly, the CAMPA was established in the Delhi State.

In CAMPA scheme, the ETF has planted 254,592 plants of 59 species of fruit, shady, ornamental, timber and medicinal value during 2011-12 and 2012-13 against the target of 200,000 plants fixed by the Delhi Forest Department resulting in 127% achievement. Further, ETF has achieved 100% target of soil and moisture conservation (SMC) works fixed by the Forest Department.

Third Party Evaluation of CAMPA works of the year 2011-12 and 2012-13 was done by the AFC India Limited, New Delhi, during January and February 2015. For this, 100% counting of pits dug up for planting and the surviving plants in the pits were done and general observations of height and growth of plantations were taken. Technical aspects of SMC works were evaluated and general observations of encroachments and illegal mining were made.

The results of evaluation were as given below:

- 1. The ETF has achieved the main objective of controlling the illegal mining and encroachment as no fresh mining/encroachment was observed in the Asola Bhatti Wildlife Sanctuary.*
- 2. The achievement of plantation was 125% against the target of 200,000 plants fixed by the Forest Department.*

The survival of plantation was very good (89.71%).

Though, 59 species of fruit, shady, ornamental, timber and medicinal value were planted but the maximum growth was of Shisham (Dalbergia sissoo), Bamboo

(Bamboo species), Pahari Papri (Holoptelia integrefolia), Neem (Azadirachta indica) and Kikar (Acacia nilotica).

Irrigation system installed has helped a lot in the survival and growth of plantations.

3. *The achievement of SMC works was 100% against the target fixed by the Forest Department.*

Though, the SMC works were serving their purpose up to some extent but these works need technical improvements. .

For further improvement in Asola Bhatti Wildlife Sanctuary, it is recommended that:

- i. *Presence of Eco-Task Force in the Asola Bhatti Wildlife Sanctuary should be continued.*
- ii. *Map of Asola Bhatti Wildlife Sanctuary showing all the roads, paths, ETF office and posts, Forest office, lake, monkey feeding points, etc. and the habitations on its boundary along with geo-references should be prepared.*

Year wise locations of all the sites of works carried out should be marked on the map.

This map should be updated every year.

Geo-reference of all the sites of works should be mentioned in the annual reports.
- iii. *Irrigation system should be extended in all the young plantations.*
- iv. *Services must be taken of an expert in soil and moisture conservation works.*
- v. *Tree groves of Neem (Azadirachta indica), Bar (Ficus benegalensis), Pipal (Ficus religiosa) and Gular (Ficus racemosa) should be raised on mounds encircled with deep trench.*

ABBREVIATIONS

APO	Annual Plan of Operations
CA	Compensatory Afforestation
CAMPA	Compensatory Afforestation Fund Management & Planning Authority
DCF	Deputy Conservator of Forests
ETF	Ecological/Eco Task Force
FCA	Forest (Conservation) Act
JJ	<i>Jhugi-Jhopdi</i>
GNCTD	Government of National Territory of Delhi
MoEF	Ministry of Environment & Forests
NPV	Net Present Value
PCA	Penal Compensatory Afforestation
SMC	Soil & Moisture Conservation
TA	Territorial Army
UT	Union Territory
WLS	Wildlife Sanctuary

INTRODUCTION

Ministry of Environment and Forests (MoEF), Govt. of India had issued guidelines on 2nd July 2009 for establishing Compensatory Afforestation Fund Management and Planning Authority (CAMPA) in the States/UTs and putting in place a funding mechanism for enhancing forest and tree cover; conservation and management of wildlife by utilising funds deposited in the form of Net Present Value and Compensatory Afforestation/Penal CA on account of diversion of forest land for non-forestry purposes under FCA 1980 and to utilize the money in phased manner to carry out CA and other forestry works. The money is being released to State/UT Governments yearly for raising Compensatory Afforestation and other forestry related works under CAMPA. CAMPA - Delhi was established in the Delhi State vide notification No. F.1/CF/FCA/07-08/Part-II/ 3517-3540 dated 05.10.2009.

It is mandatory for States to carry out monitoring of CAMPA works by third party. Therefore, the work of monitoring and evaluation was awarded by Forest & Wildlife Department, Government of National Territory of Delhi (GNCTD) to Agriculture Finance Corporation for the works carried out under CAMPA during the year 2011-12 and the year 2012-13 (Annexure-A) assigning following scope of work:

1.1 Scope of Work:

Initially AFCIL proposed to take twenty percent sample area of year 2011-12 & 2012-13 for the detailed M&E task. But at the time of issuing work order the Chief Conservator of Forests has directed to the AFCIL to cover hundred per cent plantation area of both the years instead of twenty percent sampling. Accordingly the AFCIL has been covered the entire plantation areas and assess the survival percentage through counting of each plants planted during 2011-12 & 2012-13 under CAMPA.

Under the M&E the focus was mainly on assessing the survival of plants planted in two different years. Besides quantitative assessment of the plantation the key personal of study team were interacted with the field functionaries through Participatory Approach and shared the technical lacuna immediately whenever come across during the enumeration of plants.

1.2 Background:

An area of 42.0225 ha of forest/deemed forest land has been diverted for non-forestry purposes under FCA for various developmental works in the State of Delhi till the Year 2012-13. The total Compensatory Afforestation/Penal CA to be carried out was 87.84 ha. Total amount realized against cost of Compensatory Afforestation, Penal Compensatory Afforestation and Net Present Value is **Rs. 3467.978 lakhs (Annexure-I)** and deposited under Adhoc CAMPA. As per CAMPA guidelines, Compensatory Afforestation had to be carried out on double the forest area diverted. The total CA/PCA to be carried out was 87.84 ha but the Department has carried out plantation of over 200 ha on degraded forest land in Asola Wildlife Sanctuary against 87.84 ha. First Annual Action Plan under CAMPA –Delhi was approved in the year 2011-12. Proposal for carrying out Compensatory Afforestation over 100 ha of degraded forest land in Asola Wildlife Sanctuary was approved under first Action Plan during the year 2011-12. Compensatory Afforestation over 100 ha has been carried out in Asola Wildlife Sanctuary as per approved Action Plan under CAMPA during the year 2011-12. Since, there was availability of degraded forest land in Asola Wildlife Sanctuary and enough funds were available under Delhi CAMPA, therefore, it was proposed to carry out afforestation on additional 100 ha in Asola Wildlife Sanctuary to increase the forest cover in the State and also to enhance facilities for wildlife by carrying out enrichment plantation and soil moisture conservation works. The proposal for carrying out afforestation on additional 100 ha under CAMPA was approved during the Annual Action Plan of the year 2012-13 along with other allied works. An area of 200 ha has been afforested against the target of 87.84 ha under Delhi-CAMPA along with allied works related to soil conservation and wildlife management.

1.3 Site Selection for CA:

Earlier, it was proposed to carry out CA on degraded forest land in Ayanagar in South Forest Division but later it was decided to carry out CA in Asola WLS considering the availability of degraded forest area as well as to create suitable habitat for wild animals in Delhi.

1.4 Institutional Mechanism for Implementation of CAMPA

It was observed in the Executive Meeting that there was acute shortage of trained forestry personnel and infrastructure in the Department of Forests & Wildlife, GNCTD. The project of

eco-restoration of Bhatti Mines was being implemented well by Eco Task force since October 2000 which is adjacent to Asola WLS, having similar edapho-climatic conditions and vegetation, extremely vulnerable to biotic interference because of its proximity to human habitations like Sanjay Nagar Slum & *Jhugi Jhopadi*. Therefore, it was proposed and decided to implement CAMPA jointly through ETF and DCF (South).

1.5 Asola Bhatti Wildlife Sanctuary

Southern Ridge had been put to various landuse practices from times immemorial like mining, grazing and illicit felling of trees. The active mining of quartzite, commonly known as 'Badarpur' had heavily seared and severely degraded the Southern ridge. The area also used to act as cattle/goat grazing site by local villagers, severely affecting the vegetation of the region. To safeguard the potential biological values and ecological functions by providing sufficient protection, and to put a check on any further degradation of the impoverished land, the mining activity was stopped and Asola and Bhatti areas were notified as Wildlife Sanctuary.

In order to preserve the sanctity of the area, 2679.26 acres of land was carved out from the community land of three villages viz. Asola, Sahurpur and Maidan Garhi and notified as Asola Wildlife Sanctuary under Wildlife (Protection) Act 1972 vide notification No. F.3(116)/CWLW/84/897-906 Dated 09.10.1986. After imposing of ban on the mining of Badarpur by Hon'ble Supreme Court, and in the larger interest of protection of ecology of the area, 2166.28 acres of village Bhatti was notified as sanctuary vide notification No. F.2(19)/DCF/90-91/1382-91 dated 15.04.1991 as Asola Bhatti Wildlife Sanctuary (4845.57 acres).



Location map of Asola Bhatti Wildlife Sanctuary

The Asola Bhatti Wildlife Sanctuary is located on the Southern Ridge of Delhi in South Forest Division of GNCTD. This Ridge is the northern terminal part of Aravalli Hills, one of the oldest Mountain Systems of the world. The epic remains of natural Dhok (*Anogeissus pendula*) Forests of Aravalli Hills are some of the attractions of this sanctuary.



Epic Remains of natural Dhok Forests

1.6 History of establishment of ETF

Though, the community land of villages Asola, Shapur & Maidangari was notified during 1986 and the land of Bhatti village was notified in 1991 as Wildlife Sanctuary but the encroachments and illegal mining could not be controlled. The mining was for the stone and red and golden Badarpur sand that are always in hot demand. The red Badarpur sand and stone are used for building and construction activities and the valuable golden sand found in deeper layers of mining pits is used for the manufacturing of glass.

To check the illegal mining and encroachment on the forest land in Bhatti area, a unit of TA viz. 132 INF BN ((TA) Eco-Rajput was established in the year 2000, commonly called as ETF.

This ETF in Delhi was raised in the year 2000 for achieving the following objectives in the Asola Bhatti Wildlife Sanctuary:

- i. To remove encroachments.
- ii. To stop illegal mining.
- iii. To restore the ecology of the area.

The project of eco-restoration of Bhatti Mines was being implemented well by Eco Task force since October 2000 which is adjacent to Asola WLS, having similar edapho-climatic conditions and vegetation, extremely vulnerable to biotic interference because of its proximity to human habitations like Sanjay Nagar Slum & JJ. Therefore, it was proposed and decided to implement CAMPA jointly through ETF and DCF (South).

There are a number of abandoned large-open-deep mining pits in the ground all over the sanctuary and some of the pits are turned into lakes.



Mining Pit converted into a deep Lake



Deep & Dry Mining Pit

Two schemes (State scheme and CAMPA scheme) are being implemented by the ETF in the Asola Bhatti Wildlife Sanctuary. The State scheme is being implemented mainly in Bhatti and Mandi area, whereas the CAMPA scheme in Asola area.

The State scheme is being implemented by the ETF w.e.f 2001-02 and the CAMPA scheme w.e.f 2011-12. ETF has taken assistance of South Forest Division for the implementation of CAMPA scheme in Asola Bhatti area.

The Delhi Forest Department is providing funds to the ETF for the implementation of these schemes.

An area of 42.80 ha of forest/deemed forest land was diverted for non-forestry purposes under various developmental works in the State of Delhi up to 31-3-2013. Total amount realized against the cost of CA, Penal CA and NPV was Rs.3467.97 lakh and it was deposited in the account of Adhoc CAMPA. Against 42.80 ha, the CA was to be carried out on 87.46 ha of degraded forest land.

First Annual Action Plan under CAMPA Delhi was approved in the year 2011-12 for carrying out CA on 100 ha of land by planting 100,000 plants in the Asola Bhatti Wildlife Sanctuary and this target was successfully achieved during the year 2011-12.

Since enough funds as well as degraded forest land were available, the Second Annual Action Plan under CAMPA Delhi was approved in the year 2012-13 for carrying out CA on another 100 ha of land by planting 100,000 plants in the Asola Bhatti Wildlife Sanctuary and this target was also successfully achieved during the year 2012-13.

Therefore, during the years 2011-12 and 2012-13, a target of 200 ha was achieved by planting 200,000 plants in the Asola Bhatti Wildlife Sanctuary against the target of 87.46 ha resulting in 229% achievement.

Presently, maintenance of plantations of the years 2011-12 and 2012-13 is in progress.

1.5 Third Party Monitoring and Evaluation (M&E)

The present third party M&E report pertains to the works carried out by the ETF in the Asola Bhatti Wildlife Sanctuary during the years 2011-12 and 2012-13 under the CAMPA scheme.

Quantitative Evaluation

2.1 CA

As per approved annual plan, the plantations were raised during the years 2011-12 and 2012-13 under CAMPA scheme in the Asola Bhatti Wildlife Sanctuary by the Eco-Task Force (ETF) under the supervision of Delhi Forest Department.

2.1.2 Achievement of Physical Targets

Since the area was tough with less soil depth and lack of soil moisture, it was planned to plant 30% extra plants in first year so that atleast one lakh saplings will survive finally. Annual closure reports (showing fixed and achieved physical targets) for the years 2011-12 and 2012-13 of CAMPA scheme were obtained from the Eco-Task Force (ETF) and analyzed and the results of analysis were as given in table- 2.1.

Table- 2.1: Physical targets of plantation

Year	Target	Achievement
2011-12	100000 saplings	137600 saplings
2012-13	100000 saplings	116992 saplings
Total	200000 saplings	254592 saplings

Against the above said target the year wise and pocket wise numbers of plants planted are given below.

2.1.3 Achievement of Physical Targets

The number of plants planted in different pockets during year 2011-12 and 2012-13 are as given in Table- 2.2.

Table- 2.2: Achievement of targets of plantation achieved

Sr. No.	Year	Pocket	No. of Plants Planted
1	2011-12	A	15,871
		B	25,499
		C	27,106
		D	16,819
		E	11,726
		F	18,438
		G	22,141
		Sub-total	137,600
2	2012-13	A	37,165
		B	43,596
		C	13,165
		D	23,066
		Sub-total	116,992
Total			254,592

It is evident from Table-2.2 that:

- i. 137,600 plants were planted during 2011-12 against the total fixed target of 100,000 plants resulting in a higher achievement of 37600 plants.
- ii. 116,992 plants were planted during 2012-13 against the total fixed target of 100,000 plants resulting in a higher achievement of 16,992 plants.
- iii. Thus, 254,592 plants were planted during 2011-12 and 2012-13 against the total fixed target of 200,000 plants resulting in a higher achievement of 54592 plants.
- iv. Further, 254,592 plants were planted during 2011-12 and 2012-13 against the target of 200,000 plants fixed by the Forest Department resulting in 127% achievement.

2.1.4 Species Planted

The details of the species planted in each pocket during the year 2011-12 is given in Table-2.3.

Table- 2.3: Pocket wise species planted during 2011-12

Sr. No.	Name of Species		Pocket wise number of plants planted							
	Local/ English	Botanical	A	B	C	D	E	F	G	Total
1	Ailanthus/ Maha Neem	<i>Ailanthus excelsa</i>				200			532	732
2	Akash Neem	<i>Millingtonia hortensis</i>							35	35
3	Alstonia	<i>Alstonia scholaris</i>		8					8	16
4	Amaltas	<i>Cassia fistula</i>	165	165	833	260	70	913	160	2566
5	Amla	<i>Emblica officinalis</i>	165	320	195	130	8	50	125	993
6	Amrood	<i>Psidium guava</i>	15	30		4				49
7	Arjun	<i>Terminalia arjuna</i>	90	385		207	17		15	714
8	Bahera	<i>Terminalia bellerica</i>	300							300
9	Bakain	<i>Melia azadirachta</i>	100	130		110	9	12	22	383
10	Bans	<i>Bamboo species</i>	10	3007		200	250	1200	2450	7117
11	Bargad/Bar / Bari (Desi)	<i>Ficus benegalensis</i>	90	471	8	12	4	8	10	603
12	Bel Pattar	<i>Aegle marmelos</i>	50	90					70	210
13	Beri	<i>Zizyphus mauritiana</i>			880	583	1000	1010	292	3765
14	Boganvillea	<i>Boganvillea</i>	40							40
15	Bottel Brush	<i>Callistemon viminalis</i>							10	10
16	Cassia siamea	<i>Cassia siamea</i>	805			88		38	60	991
17	Dhak	<i>Butea monosperma</i>						15		15
18	Gullar	<i>Ficus racemosa</i>	200	55			2	5		262
19	Gulmohar	<i>Delonix regia</i>		40						40
20	Imli	<i>Tamarindus indica</i>	50	140		450			140	780
21	Jamun	<i>Syzygium cumini</i>	150	130		3	38		45	366
22	Jand/	<i>Prosopis cineraria</i>	90	520	180	1220	245	1430		3685

Sr. No.	Name of Species		Pocket wise number of plants planted							
	Local/English	Botanical	A	B	C	D	E	F	G	Total
	Khezari									
23	Jangle jalebi	<i>Phithocelbium duice</i>	760	635	430	400	24	125		2374
24	Kachnar	<i>Bahunia variegata</i>		10		213				223
25	Karonda	<i>Carissa karonda</i>						10		10
26	<i>Kigelia</i>	<i>Kigelia pinnata</i>	30	3						33
27	Khair	<i>Acacia catechu</i>		30				2		32
28	Khairi	<i>Acacia senegal</i>	24	975	3100	228	350	1780	200	6657
29	Kikar	<i>Acacia nilotica</i>	3840	6515	5515	4150	4960	6875	4181	36036
30	Lagerstroe mia	<i>Lagerstroemia speciosa</i>				10				10
31	Lasura	<i>Cordia dichotoma</i>	17	3		5		10	42	77
32	Mahogany	<i>Swietenia mahagoni</i>	7							7
33	Maror phalli	<i>Bigoniaspecies</i>	70							70
34	Neem	<i>Azadirachta indica</i>	20	425	60	100	6	8	35	654
35	Papri	<i>Pongamia pinnata</i>	500	200		1231	11		55	1997
36	Pahari Papri	<i>Holoptelia integrefolia</i>		2550	1340	450	35	926	3625	8926
37	Pilkhan	<i>Ficus infectoria</i>	10	52	15	10	3	12	16	118
38	Pipal	<i>Ficus religiosa</i>	25	21	7	12	5	9	10	89
39	Ronj	<i>Acacia leucophloea</i>	760	1085	11505	1750	1825	1720	2550	21195
40	Mulberry	<i>Morus alba</i>	8	217	10	5				240
41	Teak	<i>Tectona grandis</i>		4						4
42	Semal	<i>Bombax ceiba</i>	30	10						40
43	Shisham	<i>Dalbergia sissoo</i>	7150	6333	3020	4788	2864	2255	7270	33680
44	Siris	<i>Albizia lebbeck</i>	300	940	8			25	178	1451
45	Sohanjana	<i>Moringa oleifera</i>							5	5
Total			15871	25499	27106	16819	11726	18438	22141	137600

It is evident from table-2.3 that during 2011-12:

- i. Total 137,600 plants of 45 species of fruit, shady, ornamental, timber and medicinal value were planted.
- ii. Maximum numbers of plants planted were of Kikar (36036) followed by Shisham (33680) and Ronj (21195).

The details of species planted in each pocket during the year 2012-13 is given in Table-2.4.

Table- 2.4: Pocket wise species planted during 2012-13

Sr. No.	Name of Species		Pocket wise number of plants planted				
	Local/ English	Botanical	A	B	C	D	Total
1	Ailanthus/Maha Neem	<i>Ailanthus excelsa</i>		800	7		807
2	Akash Neem	<i>Millingtonia hortensis</i>			25		25
3	Alstonia	<i>Alstonia scholaris</i>		10	2		12
4	Am/ Mango	<i>Mangifera indica</i>		20	8		28
5	Amaltas	<i>Cassia fistula</i>	350	600	50	250	1250
6	Amla	<i>Emblica officinalis</i>	150	350	35		535
7	Anar	<i>Punica grantum</i>				2	2
8	Anjeer	<i>Ficus carica</i>		15			15
9	Arjun	<i>Terminalia arjuna</i>	200	150	65		415
10	Bahera	<i>Terminalia bellerica</i>		185	5		190
11	Bakain	<i>Melia azadirachta</i>		50	60	10	120
12	Bans	<i>Bamboo species</i>	2000	3000	100	2000	7100
13	Bar/Bargad//Bari (Desi)	<i>Ficus benghalensis</i>	5	20	5	7	37
14	Bel Pattar	<i>Aegle marmelos</i>		125	25		150
15	Beri	<i>Zizyphus mauritiana</i>	150	350	125	1678	2303
16	Bottel Brush	<i>Callistemon viminalis</i>		50	50		100
17	Cassia siamea	<i>Cassia siamea</i>		100	150		250
18	Dhak	<i>Butea monosperma</i>	20	70	10		100
19	Gullar	<i>Ficus racemosa</i>		170	248		418
20	Harad	<i>Terminalia chebula</i>		65			65
21	Imli	<i>Tamarindus indica</i>		110	170		280
22	Jakrinda	<i>Jacaranda mimosifolia</i>		5	2		7
23	Jamun	<i>Syzygium cumini</i>	10	760	256		1026
24	Jand /Khezari	<i>Prosopis cineraria</i>				300	300
25	Jangle jalebi	<i>Phithocelbium duice</i>	340	300	125		765
26	Kachnar	<i>Bahunia variegata</i>			65		65
27	Kadam	<i>Anthocephallus chenensis</i>		18	5		23
28	Katahal	<i>Artocarpus heterophyllus</i>			2		2
29	Kanak Champa	<i>Pterospermum acerifolium</i>		20	3		23
30	Khairi	<i>Acacia senegal</i>	6400	1000	40	2610	10050
31	Kikar	<i>Acacia nilotica</i>	13200	10720	3890	5010	32820
32	Khazoor	<i>Phoenix dactylifera</i>		10			10
33	Kusam	<i>Schleichera oleosa</i>		25			25
34	Lagerstroemia	<i>Lagerstroemia speciosa</i>		10	5		15
35	Lesua/ Lasura	<i>Cordia dichotoma</i>		25	38		63

Sr. No.	Name of Species		Pocket wise number of plants planted				
	Local/ English	Botanical	A	B	C	D	Total
36	Mahuwa	<i>Madhuca indica</i>		10	4		14
37	Millingtonia	<i>Millingtoniaspp</i>		15			15
38	Neem	<i>Azadirachta indica</i>	125	85	125	15	350
39	Papri /Karanj	<i>Pongamia pinnata</i>			15		15
40	Pahari Papri	<i>Holoptelia integrefolia</i>	1261	8600	3356	1125	14342
41	Pilkhan	<i>Ficus infectoria</i>	5	10	5		20
42	Pipal	<i>Ficus religiosa</i>	7	15	5	6	33
43	Ritha	<i>Sapindus mukorossi</i>		25	5		30
44	Ronj	<i>Acacia leucophloea</i>	11120	11050	5	6535	28710
45	Sahtoot/Toot/ Mulberry	<i>Morus alba</i>			256		256
46	Sagwan/ Teak	<i>Tectona grandis</i>		165			165
47	Semal	<i>Bombax ceiba</i>		20	9		29
48	Shisham	<i>Dalbergia sissoo</i>	1560	4200	3780	2520	12060
49	Siris	<i>Albizia lebbeck</i>	250	235	20		505
50	Sohanjana/ Drum sticks	<i>Moringa oleifera</i>		5			5
51	Subabul	<i>Leucaena leucocephala</i>				1000	1000
Total			37153	43568	13156	23068	116945

It is evident from Table-2.4 that during 2012-13:

- i. Total 116,945 plants of 51 species of fruit, shady, ornamental, timber and medicinal value were planted.
- ii. Maximum number of plants planted were of Kikar (32,820) followed by Ronj (28,710), Pahari Papri (14,342), Shisham (12,060) and Khairi (10,050).

Finally, it emerged from Table-2.3 and Table-2.4 that:

- i. Total 254,545 plants of 59 species of fruit, shady, ornamental, timber and medicinal value were planted during the years 2011-12 and 2012-13 under CAMPA scheme in the Asola Bhatti Wildlife Sanctuary.**
- ii. Maximum number of plants planted were of Kikar (68,856) followed by Ronj (49,905), Shisham (45,740), Pahari Papri (23,268) and Khairi (16,707).**

2.2 Soil and Moisture Conservation Works

2.2.1 Achievement of Physical Targets

Annual closure reports (showing fixed and achieved physical targets) for the years 2011-12 and 2012-13 of CAMPA scheme were obtained from the Eco-Task Force (ETF) and analyzed and the results of analysis were as given in Table- 2.5.

Table- 2.5: Soil and Moisture Conservation Works

Sr. No.	Name of work	Unit	Target	Achievement
Year 2011-12				
	Construction of Water Bodies	No.	0	3
	Improvement in the existing Water Bodies	No.	2	4
	Construction of Check Dams	No.	3	3
Year 2012-13				
	Trenching	RM	0	6623
	Construction of small <i>Kuccha</i> Water Bodies in mining pits	No.	0	4
	Construction of Check Dams	No.	0	2

It is evident from above Table- 2.5 that:

- i. The targets of soil and moisture conservation works have been achieved by 100%.
- ii. Target of 6623 rm trench, 4 *Kuccha* Water Bodies and 2 Check Dams have been achieved over and above the fixed target.

Qualitative Evaluation

3.1 CA

In Asola Bhatti Wildlife Sanctuary, plantations were raised during the years 2011-12 and 2012-13 under CAMPA Scheme by the Eco-Task Force (ETF) under the technical supervision of Delhi Forest Department.

The plantations were raised in 7 Pockets (A to G) during 2011-12 and in 4 Pockets (A to D) during 2012-13.

Evaluation of plantations was done during January and February 2015 and the results of evaluation were as given below:

3.1.1 Earth Work

Earth work was carried out with JCB machine at a spacing of 3m x 3m. Though, the earth work was very good but the alignment of pits was not proper since it was a gap plantation in WLS.

3.1.2 No. of Pits dug up

The counting of pit was carried out 100% of dug up pits in all the pockets and 249,665 pits were found on the spot against 254,545 pits reported resulting in a shortfall of 4,888 pits. This minor difference of 1.9% pits might be due to human error in counting of pits in the forest area.

The dug up pits (249,665) found on the spot resulted in:

- i. Achievement of 125% against the target of 200,000 pits fixed by the Forest Department under CAMPA.

Year wise and pocket wise details of dug up pits reported and found on the spot were as given in Table-3.1



Counting of pits and surviving plants in 2012-13 plantation of 13000 wali Pocket

3.1.3 No. of Surviving Plants

The counting of surviving plants was done in all the pockets to the extent of 100% and 223,974 plants were found on the spot in the 249,665 dug up pits resulting in 89.71% survival, which was very good. Although the target of plantation was 200000 saplings under CAMPA and at site the saplings found were 223974. Therefore, the survival of saplings can be said more 100%.

The plants planted in the trenches dug up under soil and moisture conservation were not counted for evaluation.

Similarly, the surviving plants of seed sowing of different tree species on the dug up soil of pits were not counted for the purpose of evaluation.

Year wise and pocket wise details of number of surviving plants in the dug up pits were as given in Table-3.1

Table-3.1: Year wise and pocket wise details of plantations

Sr. No.	Pocket	Number of Pits		Number of Surviving Plants	Survival %	Av. Height (m)
		Reported	On the spot			
Year 2011-12						
1	A	15,871	17,216	16,078	93.39	1.75
2	B	25,499	26,821	25,256	94.17	2.00
3	C	27,106	23,956	21,141	88.25	1.20

4	D	16,819	17,111	16,027	93.66	1.50
5	E	11,726	11,264	10,216	90.70	1.00
6	F	18,438	17,402	15,268	87.74	0.70
7	G	22,141	21,614	20,028	92.66	1.00
Sub-total		137,600	135,384	124,014	91.60	-
Year 2012-13						
1	A (Khajur wala & Kabul wali Post)	37,165	38,552	33,130	85.94	1.00
2	B (Khajur wala, Neem wali & 20000 wali Post)	43,596	41,586	34,622	83.25	1.10
3	C (13000 Wali Pocket)	13,165	14,510	13,633	93.96	1.20
4	D (Water Tank Wali Pocket)	23,066	19,633	18,575	94.61	1.30
Sub-total		116,992	114,281	99,960	87.47	-
Total		254,592	249,665	223,974	89.71	-

3.1.5 Growth of Plants

Growth of plants was very good in the pockets with ensured irrigation whereas the growth in other pockets where irrigation facilities are far from, the growth was satisfactory.

Though, 59 species of fruit, shady, ornamental, timber and medicinal value were planted but the maximum growth was of Shisham (*Dalbergia sissoo*), Bamboo (*Bamboo species*), Pahari Papri (*Holoptelia integrifolia*), Bakayan (*Melia azadirach*) and Kikar (*Acacia nilotica*).



Shisham Plantation of year 2011-12 in Pocket A



Bamboo Plantation of year 2011-12 in Pocket B



Neem Plantation of year 2011-12 in Pocket B



Kikar Plantation of year 2011-12 in Pocket C

3.1.6 Irrigation System

Irrigation system installed as per approved Plan under CAMPA which has helped a lot in the survival and growth of plantations. It is a unique model in itself and may be replicated at other places. The water stored in mining pits has been successfully utilized for providing irrigation to plantations as well as to wildlife in the sanctuary. It included:

3.1.6.1 Installation of Submersible Pump on the Lake



Irrigation system installed at the lake for irrigation of plantation

3.1.6.2 Installation of Generator for running the Submersible Pump



Generator Set for running the Water lifting system

3.1.6.3 Installation of underground Tanks for Storage and Distribution of Water



Underground tanks for the storage and distribution of irrigation water

3.1.6.4 Installation of Pipes for further Distribution of Water



Pipe line for the distribution of irrigation water

3.1.7 Protection

Protection of land of Asola Bhatti Wildlife Sanctuary against the illegal mining and encroachment and the eco-restoration of the area was the main objective of handing over the area to the ETF and the ETF has achieved this objective up to a great extent. The protection measures taken included:

3.1.7.1 Construction of Posts where ETF staff remains on duty round the clock



ETF Post in Tauwala area

3.1.7.2 Construction of Roads and Path for patrolling



One of the Roads in Asola Bhatti Wildlife Sanctuary

3.1.7.3 Barbed wire Fencing strengthened with locally available biomass and contour trenching for protection of plantations against wildlife



Barbed wire Fencing strengthened with locally available biomass

3.2 Soil and Moisture Conservation (SMC) Works

3.2.1 Contour Trenches

Contour trenches dug up were playing their vital role in the soil and moisture conservation. The survival and growth of plants of planted in the trenches was very good due to availability of adequate moisture and silt. These plants were not counted for evaluation.



SMC Work (Bamboo Plantation in Trench) of 2012-13 in Asola-II

3.2.2 Water Bodies

Water bodies have been constructed in Asola Bhatti Wildlife Sanctuary for the soil and moisture conservation, recharging of sub-soil and for providing drinking water to the wild animals during the pinch period (April to June).

Though, the water bodies were playing their role in soil and moisture conservation and recharging of sub-soil but these were not providing drinking water to the wild animals during the pinch period.

Further, it would have been better if the services of some SMC expert were taken to avoid the following shortcomings:

- i. Small catchment area of water body leading to less collection of water in the pondage area of water body.
- ii. Porous bed of the water body leading to quick absorption of water in sub-soil.
- iii. Absence of adequate intake channels.
- iv. Non-strengthening of embankments.
- v. Use of mechanical machinery for digging the water body.



SMC Work (Inlet of water pond)



SMC Work (Pondage area of water pond)

3.2.3 Check Dams

Earthen check dams have been constructed in Asola Bhatti Wildlife Sanctuary for the soil and moisture conservation.

Though the check dams were playing their role in SMC but it would have been better if the services of some SMC expert were taken to avoid the following shortcomings:

- i. Non-compaction of soil.
- ii. Non-removal of stones.
- iii. Improper side slopes.
- iv. Non-dressing and non-compaction of side slopes.
- v. Non-planting of grass tufts on the outer side slope.
- vi. Ignorance about the concept of core wall and wing walls.
- vii. Less top width.

The above shortcomings may lead to breakage of check dam in case of heavy rains.



Earthen Check Dam

Conclusions

1. Eco-Task Force (ETF) has achieved the main objective of controlling the illegal mining and encroachment as no fresh mining/encroachment was observed in the Asola Bhatti Wildlife Sanctuary.
2. The achievement of CA was 125% against the target of 200,000 plants fixed by the Forest Department under CAMPA.
3. The survival of plantation was very good (89.71%).
4. Though, 59 species of fruit, shady, ornamental, timber and medicinal value were planted but the maximum growth was of Shisham (*Dalbergia sissoo*), Bamboo (*Bamboo species*), Pahari Papri (*Holoptelia integrefolia*), Bakayan (*Melia azadirach*) and Kikar (*Acacia nilotica*).
5. Irrigation system installed has helped a lot in the survival and growth of plantations.
6. The achievement of soil and moisture conservation works was 100% against the target fixed by the Forest Department.
7. Though, the soil and moisture conservation works were serving their purpose up to some extent but these works need technical improvements.
8. The pug marks of female panther were seen during enumeration of plantation by our core team members were a clear indication of improved habitat for the wildlife in Asola Bhatti Wildlife Sanctuary. It is a great achievement of the efforts of Delhi Forest Department.

Recommendations

1. Presence of Eco-Task Force in the Asola Bhatti Wildlife Sanctuary should be continued some more time.
2. Map of Asola Bhatti Wildlife Sanctuary showing all the roads, paths, ETF office and posts, Forest office, lake, monkey feeding points, etc. and the habitations on its boundary along with geo-references should be prepared.

Year wise locations of all the sites of works carried out should be marked on the map.

This map should be updated every year

3. Geo-reference of all the sites of works should be mentioned in the annual reports.
4. Irrigation system should be extended in all the young plantations.
5. Services must be taken of an expert in soil and moisture conservation works.
6. Tree groves of Neem (*Azadirachta indica*), Bad (*Ficus benegalensis*), Pipal (*Ficus religiosa*), Gular (*Ficus racemosa*) and other fruit species should be raised on mounds encircled with deep trench and number of these species should increase in future for habitat improved because this WLS is also being used for sifting of monkeys from habitations.

ANNEXURE-I**List of FCA cases approved by MoEF, GOI and details of CA/Penal CA/NPV realized upto the Year 2012-13**

Sr. No.	Name of the project under FCA	Area diverted (Ha)	Date of final clearance accorded by Ministry	CA area Proposed	NPV realized Rs. in Lakh	Cost of CA (Rs. in Lakh)	Cost of Penal CA	Total of CA/PCA/NPV (Rs. in Lakh)
1.	Diversion of 0.38 ha of forest land for construction of diaphragm wall of underground railway line	0.38	No.91235/2001ROC/1770-71 Dated 27.11.2002	0.38	3.50	-	-	3.50
2.	Diversion of 1.0869 ha of forest land for Upgradation of Talkatora Stadium of NDMC	1.0869	No.9DLB001/2008/CHA/748-52 Dated 22.01.2008	2.2	10.00	61.07	-	71.07
3.	Diversion of 1.134 ha of forest land for construction of Bridge over Neela Hauz of PWD	1.134	No.9DLB949/2007/CHA/747 Dated 22.01.2008	2.3	10.43	63.23	-	73.66
4.	Diversion of 5.56 ha of forest land for construction of Qutub Minar-Gurgaon Corridor of DMRC	5.56	No.9DLB663/2007/CHA/2763 Dated 31.03.2008	11.20	51.15	344.86	-	396.01
5.	Diversion of 2.84 ha of forest land for upgradation of S. P. mukherji Swimming pool Complex of CPWD	2.84	No.9DLB116/2008/CHA/2682 Dated 03.04.2008	3.23	13.71	104.27	-	117.98
6.	Diversion of 6.89 ha of forest land for construction of Airport Express Link of DMRC	6.89	No.9DLB117/2008/CHA/4760-66 Dated 03.06.2008	8.84	63.39	271.07	-	334.46
7.	Diversion of 3.1916 ha of forest land for upgradation/re-construction of Dr. Karni Singh Shooting Range, Tughalkabad	3.1916	No.9DLB610/2008/CHA/11010 Dated 22.12.2008	6.4	29.36	227.58	-	256.94
8.	Diversion of 4.2 ha of deemed forest land for construction of depot at Ghitorani for Qutub Minar-Gurgaon Corridor of MRTS Project of DMRC	4.20	No.9DLB488/2008/CHA/363 Dated 16.01.2009 and No.9DLB488/2008/CHA/970 Dated 17.02.2009	8.4 (CA) + 8.4 (PCA)	38.64	261.15	245.15	544.94
9.	Diversion of 0.94 ha of forest land for construction of 45 m R/w Master Plan road from T-Junction of Mahrauli-Mahipalpur Road and Nelson Mandela road towards southern side from RD o mtr to Rd 1000 mtr for Commonwealth Games	0.94	No.9DLB184/2010/CHA/Dated 27.04.2010	4.89	8.648	140.00	-	148.648
10.	Diversion of 2.80 ha of forest land comprising of 2.2527 ha of deemed forest and 0.5473 ha of PRF for upgradation of NH-236 between Andheria More to Delhi-Haryana Border by NHAI	2.80	No.9DLB636/2010/CHA/820 Dated 24.01.2011	5.60	25.76	191.41	-	217.17
11.	Diversion of 13.00 ha of deemed forest land at Garhi Mandhu for construction of Signature Bridge over river Yamuna by DTDC	13.00	No.9DLB241/2011/CHA/8581Dated 21.10.2011	26.00	111.60	1192.00	-	1303.60
	Total	42.0225		87.84	366.188	2856.64	245.15	3467.978

Abbreviations: CA-Compensatory Afforestation; PCA-Penal CA; NPV- Net Present Value

Details of CA land of FCA projects since 1980					State: Delhi		
Sr. No.	Parivesh Proposal No.	Name of the project under FCA	Area diverted (Ha)	CA area Proposed	Actual CA done	Location of CA land	Forest Division of CA Land
1		Diversion of 0.38 ha of Reserved forest land for construction of diaphragm wall of underground railway line (DMRC)	0.38	0.38	100	CA done on 100 ha. Degraded Forest Land at Asola Bhatti Wildlife Sanctuary (S.No. 1-11) ABWLS-01	South
2		Diversion of 1.0869 ha of Reserved forest land for Upgradation of Talkatora Stadium of NDMC	1.0869	2.2			
3		Diversion of 1.134 ha of Reserved forest land for construction of Bridge over Neela Hauz of PWD	1.134	2.3			
4		Diversion of 5.56 ha of reserved forest land for construction of Qutub Minar-Gurgaon Corridor of DMRC	5.56	11.2			
5		Diversion of 1.49 ha of reserved forest land for upgradation of S. P. mukherji Swimming pool Complex of CPWD	1.49	3.23			
6		Diversion of 6.89 ha of reserved forest land for construction of Airport Express Link of DMRC	6.89	8.84			
7		Diversion of 3.1916 ha of forest land for up gradation/re-construction of Dr. Karni Singh Shooting Range, Tughlakabad (CPWD)	3.1916	6.4			
8		Diversion of 4.2 ha of deemed forest land for construction of depot at Ghitorni for Qutub Minar-Gurgaon Corridor of MRTS Project of DMRC	4.2	16.8			
9		Diversion of 0.94 ha of forest land for construction of 45 m R/w Master Plan road from T-Junction of Mahrauli-Mahipalpur Road and Nelson Mandela road towards southern side from RD o mtr to Rd 1000 mtr for Commonwealth Games (DDA)	0.94	4.89			
10		Diversion of 2.80 ha of forest land comprising of 2.2527 ha of deemed forest and 0.5473 ha of PRF for upgradation of NH-236 between Andheria More to Delhi-Haryana Border by NHAI	2.8	5.6			
11		Diversion of 13.00 ha of deemed forest land at Garhi Mandhu for construction of Signature Bridge over river Yamuna by DTDC	13	26			
12		Diversion of 0.28 Ha of forest land in favour of Delhi Jal Board for design and construction of interceptor sewers along Najafgarh, Supplementary and Shahdara Drains for abatement of pollution in river Yamuna by construction of Bharat Nagar New Pumping Station under West Forest Division, Delhi State.	0.28	0.28	0.28	Rithala on 0.28 ha land provided by Delhi Jal Board in 2014-15 Khasra No. 26/13 (Non-Forest Land) RT-02	North
13		Diversion of 1.53 hectares of forest land in favour of DMRC for construction of Trilokpuri Station of Mukundpur-Yamuna Vihar Corridor of MRTS project under North Forest Division, District East, NCT of Delhi	1.53	1.53	8.35	Shastri Park (near Metro Station) on 8.35 ha of Non-Forest Land provided by DDA for S.No. 13-16 in 2014-15 (Non-Forest Land) SPMS-03	Central

Details of CA land of FCA projects since 1980					State: Delhi		
Sr. No.	Parivesh Proposal No.	Name of the project under FCA	Area diverted (Ha)	CA area Proposed	Actual CA done	Location of CA land	Forest Division of CA Land
14		Diversion of 4.2309 hectares of forest land in favour of DMRC for construction of RK Puram and IIT Metro Station of Janakpuri (W)-Kalindikunj Corridor of MRTS project under South Forest Division, District South, NCT of Delhi	4.2309	5.2			
15		Diversion of 0.724 hectares of forest land in favour of DMRC for construction of Mayapuri Station of Mukundpur-Yamuna Vihar Corridor of MRTS project under West Forest Division, District West, NCT of Delhi.	0.724	0.724			
16		Diversion of 0.9 hectares of forest land in favour of DMRC for construction of Dhaula Kuan Electric Sub station of Mukundpur-Yamuna Vihar Corridor of MRTS project under West Forest Division, District West, NCT of Delhi.	0.9	0.9			
17		Diversion of 19.9 ha of forest land for construction of Vinod Nagar Depot for Metro Rail Transit System of DMRC	19.9	19.9	19.94	Shastri Park (near Bela Farm) for S. No. 17-18 (Non-Forest Land) SPBF-04	Central
18		Diversion of 0.0446 ha forest land for construction of entry/exit of R.K.Puram metro station for MRTS of DMRC	0.0446	0.0446			
19		Diversion of 380.87 sqm of forest land for construction of Foot Over Bridge across Anuvrat Marg near Qutub Minar metro station by PWD (General approval under FCA)	0.038	0.038		CP of 170 trees to be carried out in the form of gap plantation in an area of 6300 sqm; 4000 sqm can be declared as PF as agreed by the UA (Non-forest land)	South
20		Diversion of 9950 sqm of protected forest land at District Park Mayapuri for construction of UGR/BPS by Delhi Jal Board (General approval under FCA)	0.99	0.99		CP of at least 500 nos. of trees by Forest Dept. on 9950 sqm of land provided at Rithala STP by the UA (Non-forest land)	North
21	FP/DL/TRANS/23 252/2016	Construction of LILO of both circuit Bamnauli Samaypur 400 kV D/C Transmission line at Tughlakabad Substation by Power Grid Corporation of India Limited	27.68	27.68	35.73	35.73 ha in Yamuna Flood Plain area in between Yamuna Bank Metro Station & Railway line adjacent to CWG village (Non-Forest Land)	Central
22	FP/DL/TRANS/23 972/2017	Construction of LILO of 220 kV BTPS- Mehrauli TL at Tughlakabad	6.944	6.944			
23	FP/DL/ROAD/367 98/2018	Construction of flyover underpass between northern mahipalpur bypass road and airport road near Hanuman Mandir, New Delhi	1.81	1.81		1.81 ha. in Yamuna Flood Plains, village indrapath, Near NH-24, Eastern Bank of River Yamuna River, Delhi (Non-forest land)	Central
24	FP/DL/ROAD/372 92/2018	Diversion of 10 ha. deemed forest land for construction and development of Dwarka Expressway (NH-248 BB) from km 20, NH-8 (near Shiv Murti, Delhi) to km 40, NH-8 (near village Khirki Dola, Gurugram) in the NCT of Delhi-package-1-Shiv Murti to Delhi/ Haryana Border (km 0.000 to km. 5.300) by NHAI	10	10	10	10 ha. near Sarai Kale Khan Yamuna Bridge, Behind PWD office, NH-24 (Non-Forest land)	Central

Details of CA land of FCA projects since 1980					State: Delhi		
Sr. No.	Parivesh Proposal No.	Name of the project under FCA	Area diverted (Ha)	CA area Proposed	Actual CA done	Location of CA land	Forest Division of CA Land
25	FP/DL/Others/38 156/2019	Diversion of 1.84 ha. Protected Forest Land for construction of Cluster Bus Depot at East Vinod Nagar by Transport Department, Govt. of NCT of Delhi	1.84	1.84	1.84	1.84 ha. at Malikpur (Non-Forest Land)	West
26	FP/DL/TRANS/36 614/2018	Construction of LILO of both circuit of Bawana-Mandola 400 kV Transmission Line at Maharani Bagh by Power Grid Corporation of India Ltd. (Deemed Forest)	13.5165	13.5165	13.5165	2.26 Ha- Near Usmanpur Village.; 2.44 Ha- Near Shastri Park Metro Station; 4.3 Ha: Shastri Park metro station adjoining Yudhister on Eastern Bank; 5.3 Ha: Garhi mandu near Usmanpur village	Central
27	FP/DL/TRANS/39 469/2019	LILO of 400 KV Bamnauli-Jhatikara Line at Dwarka by PGCIL (Deemed Forest)	10.9736	10.9736	10.9763	6.13 Ha: NH 24 near PWD office; 4.85 Ha: Shastri Park metro station adjoining Yudhister on Eastern bank	Central
28	FP/DL/ROAD/485 57/2020	Diversion of 35.16 Ha Reserved Forest Land for Construction of 6 Lane access controlled Highway from DND- Faridabad-Ballabhgarh Bypass Junction with Delhi-Vadodara Expressway KMP- Interchange (NH-148 NA) under Bharatmala Pariyojana (Lot-4/Package-) by NHAI	35.16	35.16	35.16	CA land yet to be handed over	
29	FP/DL/OTHERS/5 0743/2020	Construction of Guru Ravidas Temples as per order dated 21.10.2019 by Hon'ble Supreme Court of India by DDA	0.124	0.124	0.124	0.124 Ha at Chiragah, Usmanpur village	Central
30	FP/DL/TRANS/46 658/2020	Construction of 765 kV D/C Khetri-Jhatikara Transmission Line under Transmission System Associated with LTA Applications for Rajasthan Solar Energy Zone Part C by PGCIL	4.89	4.89	4.89	4.89 Ha at Village Dhulsiras at Dwarka	West
31	FP/DL/Rail/4903 7/2020	Delhi-Ghaziabad-Meerut RRTS Corridor	4.19	4.19	4.19	4.61 Ha at Village Dhulsiras at Dwarka	West
32	FP/DL/OTHERS/1 24256/2021	Common Central Secretariat 1, 2 and 3	8.11	8.11	8.11	8.11 Ha at Dwarka Sector 8	West
33	FP/DL/ROAD/492 52/2020	Diversion of 54.87 Ha. Deemed Forest Land for Development of Urban Extension Road-II NH-344M from Design Km 0+000 at NH-1 Intersection (Km 23+800, near Bankoli village) to Design Km 38+111 near Sector 24, Dwarka in the state of NCT Delhi	54.87	54.84	54.87	1. 6.47 Ha- Sanoth village, Narela 2. 1.52 Ha-Holambi Kalan, Narela 3. 35.88 Ha-Sanoth and Holambi Kalan, Narela 4. 4.08 Ha- Sanoth and Holambi Kalan, Narela 5. 5.01 Ha- Dhichaon Kalan	North and West
34	FP/DL/RAIL/1453 10/2021	Raising of Guide Bund of existing Railway Bridge over river Yamuna	2.396	2.936	2.396	2.396 Ha. Non Forest Land at Sector 29, Dwarka	West
35	FP/DL/RAIL/4956 2/2020	Construction of underground station at Krishna Park and Elevated corridor between Keshopur to Mukarba Chowk for Janakpuri to RK Ashram Corridor of MRTS phase-IV (Deemed Forest)	5.2187	5.2187	20.57	5.2187 ha NFL at Dhulsiras, Dwarka	West
36	FP/DL/RAIL/1522 08/2021	Diversion of 0.57435 Ha. Deemed Forest Land for construction of elevated viaduct of length 12.1 kms from Maujpur to Majilis Park by Delhi Metro Rail Corporation.	0.57435	0.57435		0.57435 ha NFL at Dhulsiras, Dwarka	West

Details of CA land of FCA projects since 1980					State: Delhi		
Sr. No.	Parivesh Proposal No.	Name of the project under FCA	Area diverted (Ha)	CA area Proposed	Actual CA done	Location of CA land	Forest Division of CA Land
37	FP/DL/RAIL/1463 49/2021	Diversion of 14.15 Ha. Forest Land for construction of Aerocity-Tughlakabad Corridor of MRTS Phase-IV corridor by DMRC	14.15	14.15		12.45 ha NFL at Dhulsiras, Dwarka and 3.51 FL at Asola Bhatti Wildlife Sanctuary.	West
38	FP/DL/RAIL/1493 68/2021	Diversion of 1.282 Ha. Deemed Forest for Construction of Delhi- Gurugram- SNB RRTS Corridor by National Capital Region Transport Corporation	1.282	1.282	1.282	1.282 Ha. NFL 60//10 part, 60//1 part, 60//2 part, 60//11/1 part, 53//22 part, 53//18 part, 53//19 part, 53//13 part, 61//15 part, 110 part at Village Dhulsiras, Dwarka under WFD	West
39	FP/DL/ROAD/142233/2021	Development of Six-lane access controlled in Delhi portion of Delhi Saharanpur Highway from Akshardham NH-9 junction to Delhi/UP Border in the state of Delhi. (Deemed Forest)	9.58	12	12	NTPC ECO Park, Badarpur 0/824/0, 0/823/0, 0/821/0, 0/822/0, 0/795/0, 0/794/0, 0/793/0, 0/783/0, 0/782/0, 0/781/0, 0/774/0, 0/775/0, 0/780/0, 0/776/0, 0/778/0, 0/743/0, 0/742/0, fi/741/0, 0/740/0, 0/739/0, 0/738/0, 0/568/ (NFL)	South
40	FP/DL/ROAD/142 829/2021	Diversion of 0.35 ha Protected Forest Land for construction of 6 lane access controlled highway from DND Maharani Bagh to Junction with Jaitpur-Pushta Road section of NH-148 NA in the NCR of Delhi (PKG-I) under Bharatmala Pariyojana	0.35	0.35	0.35	Badarpur Village, 37//14/1 min, 37//14/2 min, 37//15/2 min, 37//16/1 min ind 28//25/236//6/2 min, 36//9/1 min, 36//9/2/2 min, 36//12/1 min, 36//12/2 min, 36//30 min (NFL)	South
41	FP/DL/ROAD/154 223/2022	Diversion of 3.09 ha forest land for Construction of 6 Lane access controlled Highway from DND Maharani Bagh to Junction with Jaitpur-Pushta Road Section of NH-148 NA (Design Ch. 2+900 to 6+700) in the NCR of Delhi (PKG - I) by NHAI under South Forest Division (Deemed Forest)	3.0955	3.0955	3.0955	Aali Village Sarita Vihar 0/456 min, 0/470 min, 0/468 min, /469 min, 0/486/1 min, 0/486/2 min, 0/505 min, 0/506 min, 0/487 min, 0/511 (NFL)	South
42	FP/DL/WATER/4 13205/2023	Installation of 36 nos Tube Wells in Flood plains of Palla and other suitable locations for augmentation of water supply by DJB	0.45	0.45	CA on 0.45 ha is proposed in APO 2024-25	Khasra No.1783 Asola Bhatti Wildlife Sanctuary	South
43	FP/DL/WATER/4 24015/2023	Proposal for diversion of 0.5125 ha protected forest land for boring and installation of 37 nos. tubewells at Garhi Mandu forest for augmentation of water supply in the state of NCT of Delhi under Central Forest Division by Delhi Jal Board. reg.	0.5125	0.7	CA on 0.7 ha Degraded Forest Land is proposed in APO 2024-25	Khasra No.1783 Asola Bhatti Wildlife Sanctuary	South
44	FP/DL/Water/422 058/2023	Proposal for Diversion of 0.9627 ha forest land for Boring and installation of 150 nos tubewells at Nilothi and Najafgarh area etc for augmentation of water supply in NCT of Delhi under West Forest Division by DJB	0.9627	0.9627	CA on 0.9627 ha Degraded Forest Land is proposed in APO 2024-25	Khasra No.630/1 (partially) in Ghittorni Village	West
45	FP/DL/Road/409 016/2023	Diversion of deemed forest land for construction of six lane RCC bridge on downstream of existing bridge on Chhawla Najafgarh Road by I&FCD under West Forest Division	0.0719	0.289	CA on 0.9627 ha Degraded Forest Land is proposed in APO 2024-25	Khasra No.48/14, village-Ujjwa	West

Details of CA land of FCA projects since 1980					State: Delhi		
Sr. No.	Parivesh Proposal No.	Name of the project under FCA	Area diverted (Ha)	CA area Proposed	Actual CA done	Location of CA land	Forest Division of CA Land
46	FP/DL/Road/435513/2023	Diversion of 0.2 ha deemed forest land for construction of approach road from Mathura Road to Gate No 8 & 9 of ITPO complex Pragati Maidan by PWD under West Forest Division FP/DL/ROAD/435513/2023	0.2	0.1	CA of 100 saplings is proposed in APO 2024-25	Khasra No.48/14, village-Ujjwa	West
47	FP/DL/Road/432909/2023	Diversion of 0.03 ha deemed forest land for Construction of Integrated Transit Corridor Development plan in and around Pragati Maidan under Central Forest Division	0.03	0.03	-	CA of 100 saplings will be undertaken in Garhi Mandu	Central
48	FP/DL/ TRANS/415346/2023	Diversion of 0.1682 Ha. Forest Land between Nanaksar Gurudwara and Garhi Mandu Forest range for erection of 2 nos. Monopoles for shifting of South of Wazirabad to Gopalpur 220 kV D/C line of DTL (Protected Forest)	0.1682	0.336	CA on 1 ha degraded forest land is proposed in APO 2024-25	Khasra No.1783 Asola Bhatti Wildlife Sanctuary	South
49	FP/DL/TRANS/441848/2023	765kV Khetri-Narela transmission line	0.9511	3.69	CA on 3.7022 ha Degraded Forest Land is proposed in APO 2024-25	Khasra No. 50/25 51/1, 51/10, 51/18, 51/19, 51/21, 51/22, 51/23, 52/23, 52/24 & 67/3, 67/4, Village Jaunapur, Tehsil Mehrauli, District South	South
50	FP/DL/ROAD/454933/2023	Construction of approach road from main Chhatarpur road to SAARC University, CAPFIMS and other establishments at Maidangarhi, and Satbari etc .	3.6	3.6	-	Survey No- 53/25 min, 53/12 min, 13 min, 18 min, 19 min, 20min, 21 min, 22 min, 23 min, 60//1 min, 2 min, 10 min, 61//4 min, 5/1 min, 5/2 min, 6 min, 7 min, 8 min, 13 min, 14 min, 15 min, 17/1 min in Dhulsiras, Dwarka	West