

No. FCA/ 4283
HP Forest Department.

Dated Nahan, the 29/11/24

From: DFO Nahan.

To: CF Nahan.

Subject:- Diversion of 7.565 ha of forest land in favour of HPPWD for the Construction
of link road from Sainwala, Boghria, Jhameria, Charuwala, Katola Km. 0/0 to
11/500. kms in jurisdiction of Nahan Forest Division Distt. Sirmour. H.P.

Reference: MOEF Shimla letter No. FC/HPC/06/175/2022 dated 29.11.2022.

Sir,

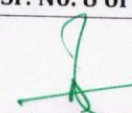
This is with reference to the letter quoted under reference on the above captioned subject cited matter. The FCA case was returned back with the observations as raised by the Forest Department. The reply of observations is as under:-

Sr. No.	Observations	Reply
1.	From KML file it can be observed that the proposed alignment is overlapping existing roads at many locations, therefore it may be clarified whether these existing roads overlapping with the proposed roads has been constructed violating the provisions of FCA, 1980, although DFO in the SIR has clearly mentioned that user agency has not violated the provisions of FCA. If violations has been done than the clarifications/justification/documents on following points may be provided (i) The details of violation (year/area violated) (ii) The action taken report against the violators as per Para 1.21 (i) and or (ii) of FCA Guidelines may submitted/uploaded in the portal. (iii) Action taken by the State government against the officials concerned for not being able to prevent the use of forest land for non-forestry purpose without prior approval of Govt. of India. (iv) The Penal NPV calculation sheet may be submitted.	It is intimated by the UA that there exist various partially Katcha pedestrian path and C.C. paths to approach the villages Bogheria, Charu wala up to Katola which have been constructed by the concerned Panchayat in past in forest and non-forest land. The grades of this road (path) are very up steep and widths are quite narrow in the existing pedestrian path. As such this road is not suitable for plying of traffic as this road does not follow the guidelines as laid by the IRC/HPPWD specification. Only Cars and jeeps can utilise this road at their own risk. The proposed alignment is on the downstream side of the existing take off point of old Katcha road. Only partial width of the old katcha road has been taken in the alignment of the proposed road where the proposed alignment is overlapping the old katcha mule path. Since, PWD is not going to utilize this entire stretch of old katcha path due to its up steep gradient, neither any violation has been carried out by the PWD, as such there is no need of action taken against the violators as per Para 1.21(i) and or (ii) of FCA guidelines. As per the IRC/HPPWD specifications minimum 5/7 metres width for the road are required for plying of Buses and others vehicles. Hence, 6.00 metre average width has been taken in the proposal, so that the road could be passed by the road fitness committee.
2.	If violation of FCA, 1980 is not being reported/committed, documentary evidence in the form of FCA approval	It has been intimated by the UA there are no violations carried out by the user agency. At present, the existing katcha path has been

	granted for the overlapping roads with proposed roads may be provided.	constructed by the inhabitations in past and same has been improved time to time by the villagers for plying of two wheelers only at their own risk, as shown in the Kml file.
3.	From KML file it can be clearly observed that all the beneficiary villages in the proposed project are already well connected with roads. Therefore, proper justification regarding necessity of more roads in an already well connected area, by diverting Reserve Forest land and felling of 639 trees may be provided.	It has been intimated by the UA that the take-off point of the proposed road is at Village Sainwala and this road will finally terminate at Village Katola which shows the connected habitations. Village Sainwala and Katola located on the existing road Sainwala Burma Papri Kaulwala Bhod Road. The rest of the villages i.e. Bhogeria, Jhameria, Charuwala, and Jamanwala are not connected with the road facilities. Only existing mule katcha path leads to the proposed habitations at present.
4	Brief Note on the project is required to be submitted/uploaded.	Revised Brief Note on the project has been prepared and submitted online Named as "Revised Brief Note of the project" and uploaded in Parivesh Portal in additional information at Sr. No. 17 of Part-I.
5.	In Part-II para 5, the working plan prescription for the forest land proposed for diver has been mentioned as "Protection and Bambo(overlapping) working circle and protection cum Rehabilitation Circle". Further, Hon'ble supreme court in Writ petition No. 202 of 1995 T.N. Godarman Thirumputal vs. Union of India and others in its judgement vide Interlocutory application No. 3840 dated 11 March 2019 has ordered that there shall be no violation of the forest lands allotted to a protection working circle in any working plan under FRA and FCA. The state government may provide necessary comments regarding the same.	It has been intimated by the UA that the alternative alignment and possibilities to reduce the number of trees was carried out during the site visit by the undersigned with the officials of Forest Department. The emphasize on alternatives route was done during the visit. The length of alignment of No. 2 is 12.300 kms and its gradient is very steep at few place. It involves 8.045ha of forest area and 705 trees, as compared to alignment No. 1, Hence the alignment No. 2 rejected. Hence the alternative road proposal is not feasible. Therefore the existing proposed road is to be finalised for connecting the unconnected habitations which is unavoidable and shortest which covering lesser felling of trees as well as forest land.
6.	A large number of trees (639 individual) are going to be effected in the extent proposal. Therefore, the State Govt. shall explore all the possibilities to reduce the number of trees to be affected in the proposal. Accordingly the proposal may be reviewed and revised enumeration list of the trees may be submitted	The number of trees has been reduce and same has been corrected in the web portal at serial No 4(ii) part-2 & enumeration list with dumping site trees same has been uploaded in additional information of Part-2
7.	As large number of trees are going to be affected and the proposed road being on hilly terrain. Accelerated soil erosion during and after construction	It has been intimated by the UA that the provisions for accelerated soil erosion during and after construction have been taken in the detailed project report (DPR). The Breast Walls

	period will be inevitable. Also in Part II, para 6, it has been submitted that the area is severely vulnerable to soil erosion. Therefore, the State Govt. may provide soil Moisture conservation Plan (SMCP) as per recent guidelines of MoEFCC letter dated 7 th June, 2022.	as well as Retaining Walls in Cement Concrete and boulder apron have been proposed at various RDs in the proposed road to protect the hilly terrain and soil erosion along the road alignment. An undertaking has been placed in the proposal folder regarding SMCP as per the recent guidelines of MoEFCC letter No. 7 th June, 2022. Supporting documents has been uploaded named as " SMCP Undertaking " and uploaded in Parivesh Portal in additional information at Sr. No. 22 of Part-I.
8.	Separate enumeration list of trees standing at dumping sites is required	Separate enumeration list of trees standing at dumping sites has been uploaded in web portal in additional information of Part -2
9.	A total of 639 trees are going to be effected in the proposal, however in Part-II the density of vegetation has been mentioned 0.1 only. Therefore, density figure may be reviewed and rectified, if required.	Density of vegetation has been corrected in web portal of Part -2
10.	NoC/Sale deed/Gift deeds for non-forest land acquired from private individuals are required to be submitted.	It has been intimated by the UA that the NoC/Sale deed/Gift deeds for non-forest land acquired from private individuals in favour of HPPWD will be submitted along with Stage-1 compliance for aforementioned forest case as the land acquisition for non- forest land is in process. Undertaking in form of affidavit for the same same has attached by the UA Annexure-1 Same has been uploaded web portal in additional information at serial no.28 of Part -1
11	As per DSS report, the area of CA land is 13.04 ha instead of 15.13 ha. Therefore, the kml file may be revised	KML file has been revised & as well as DGP Map & Topo sheet and same has been uploaded web portal
12.	AS per DSS report, the proposed CA site is covering 1 Hect. Moderately Dence Forest (MDF). Therefore, CA site may be revised to avoid the MDF.	Revised land suitability certificate attached along site again and same has been uploaded web portal at serial No.
13.	Legal status of proposed CA land. Whether it is a forest land as per IFA 1927 under the control of state government shall be clarified.	Copy of CH file is enclosed and same has been uploaded in in additional information at serial no. of Part -2
14	The amount of NPV shall be rounded off to nearest digit of point decimal.	NPV has been revised and same has been uploaded in web portal in additional information at serial no. of Part -2
15	In Muck Management plan the calculation of muck to be generated is required to reviewed and rectified.	The revised Muck Management plan has been prepared and uploaded in Addl. Information named as " Revised Muck Management Plan " and uploaded in Parivesh Portal in

		additional information at Sr. No. 20 of Part-I.
16.	All the dumping has been proposed in forest land. Therefore, the State Govt. may explore non-forest land for muck dumping site.	In this regard, it is intimated that there exists shamlat land and private land in the proposed road alignment. 3 Nos dumping sites have been proposed in the non-forest land i.e. Shamlat/Private land, but due to the land kism/status as "Jungle-Jhari" which attracts the FCA, 1980. Hence, there is no escape to use the forest land(jungle-jhari) for the dumping site.
17.	Undertaking to submit the FRA certificates along with all annexures of FRC and Gram Sabha before Stage-II is required to be submitted	Needful has been done. All Annexure related to FRA certificate along with NOC of VLC shall be submitted before final approval. An undertaking in respect of FRA certificates been placed in the proposal folder named as " FRA Undertaking " and uploaded in Parivesh Portal in additional information at Sr. No. 16 of Part-I.
18	From KML it can be observed that the proposed alignment of the road is crossing a river. However no bridge component has been included in the component wise breakup and layout plan. The same is required to be included in component wise breakup and layout plan.	There is a proposal for construction of 27.60 meter span bridge on the proposed alignment at RD 8/616. The width of the proposed road will be 6 metres, covering 0.01656hectare which has been included in online component wise breakup.
19.	Administrative Approval of the proposed project is required to be submitted.	The DPR for the cost of 1054.75 lakhhas been sent to the Planning Department for approval, as and when Stage-I Approval will be received, the Administrative approval will be conveyed before stage-II approval of FCA.
20	Since the proposed diversion area is more than 5 hectare, therefore SIR of CF may be also be provided.	Site Inspection Report is to be provided by the CF Nahan.
21	Since the proposed diversion area is more than 5 hectare, therefore Cost Benefit Analysis may also be provided	The Cost BenefitAnalysis has been prepared and uploaded in the appropriate column named as " Revised Cost of benefits "and uploaded in Parivesh Portal in additional information at Sr. No. 18 of Part-I.
22	Chain-age wise length and width of road in forest and non-forest land and dumping site is a tabulated form may be provided/uploaded	Chain-age wise length and width of the road has been prepared including mentioning the dumping sites and uploaded named as " Area Details " and uploaded in Parivesh Portal in additional information at Sr. No. 8 of Part-I.


 Divisional Forest officer,
 Nahan Forest Division,
 Nahan, H.P.

Full Title of the Project :- Diversion of 7.565 ha of forest land in favour of HPPWD for the Construction of link road from Sainwala, Boghria, Jhameria, Charuwala, Katola Km. 0/0 to 11/500. kms in jurisdiction of Nahan Forest Division Distt. Sirmour. H.P.

**CHECK LIST SERIAL NUMBER-18
"SCHEME FOR COMPENSATORY AFFORESTATION"**

Detailed scheme for Compensatory Afforestation to be carried out in lieu of 7.565 ha. of forest area to be diverted for **Construction of link road from Sainwala, Boghria, Jhameria, Charuwala, Katola Km.0/0 to 11/500.** in Nahan Forest Division of Sirmour District.

1. Details of degraded forest land/non-forest land:-

District **Sirmour** Village **Dhaun**, Tehsil: **Nahan**.

Name of Forest Division **Nahan**, Range **Jamta**.

Block/Compartment/Survey No: **RF Sanoga C-2 Survey Sheet - H43L6** Area to be afforested **15.13 ha**.

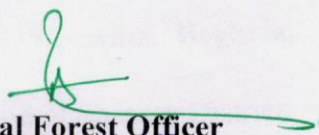
Description of the Area

- i. Whether the site selected for Compensatory Afforestation is a land bank or not: No.
 - ii. If the CA site is other than the land bank, reasons be given. :- NA.
 - iii. In case of non- forest area identified for CA, and then what is the distance of CA site from the adjoining forest boundary. : Adjoining the RF Khair Wala C-1
 - iv. Soil type:
 - v. Topography:
(a) Hilly/Undulating/Plain :-**Undulating**
(b) Slope: Steep / Medium/ Gentle :-**MEDIUM**
 - vi. Whether the area is bearing any root stock of vegetation: - No
2. Plantation model
- Copy of the approved Compensatory Afforestation Scheme/Model showing component wise physical and financial break up to be enclosed.
3. **Schedule of Plantation Programme:-** Schedule of Plantation is enclosed .
4. **Technical details:-**
- Technical details of Compensatory Afforestation Scheme are as follows:-

- (a) General Details
- b) Spacing: **3 mts X 3 mts** (As per availability and notional hectare area by no. of plants
- c) Species:- **Misc Board leaved and medicinal plants**
- d) Plantation Method: **By manual pit digging and manual labour**
- e) Soil and Moisture Conservation Works:- **Yes.**
- (f) Protection (Fencing, Watch man, People's Participation etc.): - **Barbed wire fencing with people participation**
- (g) Proposed Monitoring Mechanism:- **By Field staff, local people and DFO**
- (h) Any other information:- **As per site condition minor variation can be made in the plantation. Area to be planted as per notional hectare**

Date:- 29-11-24

Place: Nahan.


Divisional Forest Officer
Nahan Forest Division,
Nahan Forest Division,
Nahan, H.P.

Diversion of 7.565 ha of forest land in favour of HPPWD for the Construction of link road from Sainwala, Boghria, Jhameria, Charuwala, Katola Km. 0/0 to 11/500. kms in jurisdiction of Nahan Forest Division Distt. Sirmour. H.P.

Scheme for Compensatory Afforestation for 2024-25 in lieu of Diversion of 7.565 ha of Forest Land for Construction of link road from Sainwala, Boghria, Jhameria, Charuwala, Katola Km. 0/0 to 11/500. kms in jurisdiction of Nahan Forest Division Distt. Sirmour. H.P.

– of Nahan Forest Division (RF Saroga C-2 = 15.13 ha .of Jamta Range

Sr. No.	Particulars of work	Unit	Qty.	Rate per Unit at wage rate of Rs. 150/-	Mandays Involved	Amount at wage rate of Rs. 400/-
A	Survey, Demarcation & Fencing Cost					
1	Survey & demarcation of plantation area	ha.	1	101.00	0.67	268.00
2	Preparation/purchase of RCC Fence posts.	No.	50	358.00	0.00	17900.00
3	Carriage of RCC Fence posts up to 165 cm long over distance 2 Km uphill/downhill.	Km/No.	50	33.50	22.33	8932.00
4	Preparation/digging of holes of 20x30x50 cm size	No.	50	9.06	3.02	1208.00
5	Fixing of RCC fence posts including strutting.	No.	50	7.16	2.39	956.00
6	Carriage of Barbed wire over distance 2 Km. uphill / downhill	Km/ Qtl.	0.75	73.65	0.74	296.00
7	Stretching & fixing of barbed wire in 4 strands	Rmt.	600	4.80	19.20	7680.00
8	Interlacing of Thorny bushes along the fence	Rmt.	150	4.09	4.09	1636.00
9	Cost of Barbed Wire	Qtl.	0.75	6510.00	0.00	4882.00
10	Nursery Cost of Plants	No.	1100	23.47	0.00	25817.00
Total - A (Survey, Demarcation & Fencing)						69575.00
						or Say 69600
B	Planting Cost					
1	Bush Cutting in Strips (3mX3m)	ha.	1100	1192.80	7.95	3180.00
2	Digging of pits 45x45x45 cm	No.	1100	9.54	69.96	27984.00
3	Filling of pits 45x45x45 cm.	No.	1100	2.72	19.95	7980.00
4	Carriage of plants in P/bags over distance 2 km. uphill.	Km/No.	1100	1.90	27.87	11148.00
5	Planting of entire plant raised in P.bags.	No.	1100	2.18	15.99	6396.00
6	Construction of Inspection Path	Rmt.	100	11.00	7.33	2932.00
7	Cost of Sign Board, Carriage & Fixing	No.	0	15	0	450.00
Total - B (Planting Cost)						60070.00
						or Say 60100
Grand Total (A+B)						129700
1st Year Maintenance Cost (30 % Beating Up):						
1	Re-digging of Pits 45 x 45 x 45 cm	No.	330	4.77	10.49	4196.00
2	Filling of Pits 45 x 45 x 45 cm	No.	330	2.72	5.98	2392.00
3	Planting of Plants raised in P/Bags	No.	330	2.18	4.80	1920.00
4	Nursery Cost of Plants	No.	330	23.47	0.00	7745.10
5	Carriage of Plants in P/Bags over a distance of 2 Km uphill/ downhill	Km/No.	330	1.90	8.36	3344.00
6	Repair of Fencing	Rmt.	60	1.80	0.72	288.00
Total/ 1st Year Maintenance Cost						19885.10
						or Say 19900
2nd Year Maintenance Cost (20 % Beating Up):						
1	Re-digging of Pits 45 x 45 x 45 cm	No.	220	4.77	7.00	2800.00
2	Filling of Pits 45 x 45 x 45 cm	No.	220	2.72	3.99	1596.00
3	Planting of Plants raised in P/Bags	No.	220	2.18	3.20	1280.00
4	Nursery Cost of Plants	No.	220	23.47	0.00	5163.40
5	Carriage of Plants in P/Bags over a distance of 2 Km uphill/ downhill	Km/No.	220	1.90	5.57	2228.00
6	Repair of Fencing	Rmt.	60	1.80	0.72	288.00

Total/ 2nd Year Mentenance Cost	13355.40
or Say	13400

3rd Year to 10th Year Maintenance Cost (10 % Beating Up):						
1	Re-digging of Pits 45 x 45 x 45 cm	No.	110	4.77	3.50	1400.00
2	Filling of Pits 45 x 45 x 45 cm	No.	110	2.72	1.99	796.00
3	Planting of Plants raised in P/Bags	No.	110	2.18	1.60	640.00
4	Nursery Cost of Plants	No.	110	23.47	0.00	2581.70
5	Carriage of Plants in P/Bags over a distance of 2 Km uphill/ downhill	Km/ No.	110	1.90	2.79	1116.00
6	Repair of Fencing	Rmt.	60	1.80	0.72	288.00
Total/ 1st Year Mentenance Cost						6821.70
or Say						6900

						Escalation	
A	Soil Conservation Works (area 1.Ha.)				L/S	800000	0% 800000
B	Fire Watcher, Fire Kit, And tools(area 1.Ha.)				L/S	500000	0% 500000
C	Lantana Eradication 75% 1 st , 2 nd & 3 rd (area 15.13.Ha.)				L/S	560000	0% 560000
D	Survey, Demarcation & Fencing Cost					69600	0% 69600
E	Planting Cost					60100	0% 60100
F	1st year Maintenance					19900	10% 21890
	2 nd year Maintenance					13400	20% 16080
	3 rd year Maintenance					6900	30% 8970
	4 th year Maintenance					6900	40% 9660
	5 th year Maintenance					6900	50% 10350
	6 th year Maintenance					6900	60% 11040
	7 th year Maintenance					6900	70% 11730
	8 th year Maintenance					6900	80% 12420
	9 th year Maintenance					6900	90% 13110
	10 th year Maintenance					6900	100% 13800
	Total Plantation & Maint. For 1 Ha.					218200	258750

Total Cost of CA i.e. (Soil Conservation, Fire Watcher & Lantana Eradication) for 15.13.Ha.) & Survey, Demarcation, Fencing cost, Planting cost and Maintenance
Contingency Charges @ 5% for 1 ha
Total
Departmental Charges @ 17.5% for 15ha
Grand Total

5774888

288744

6063632

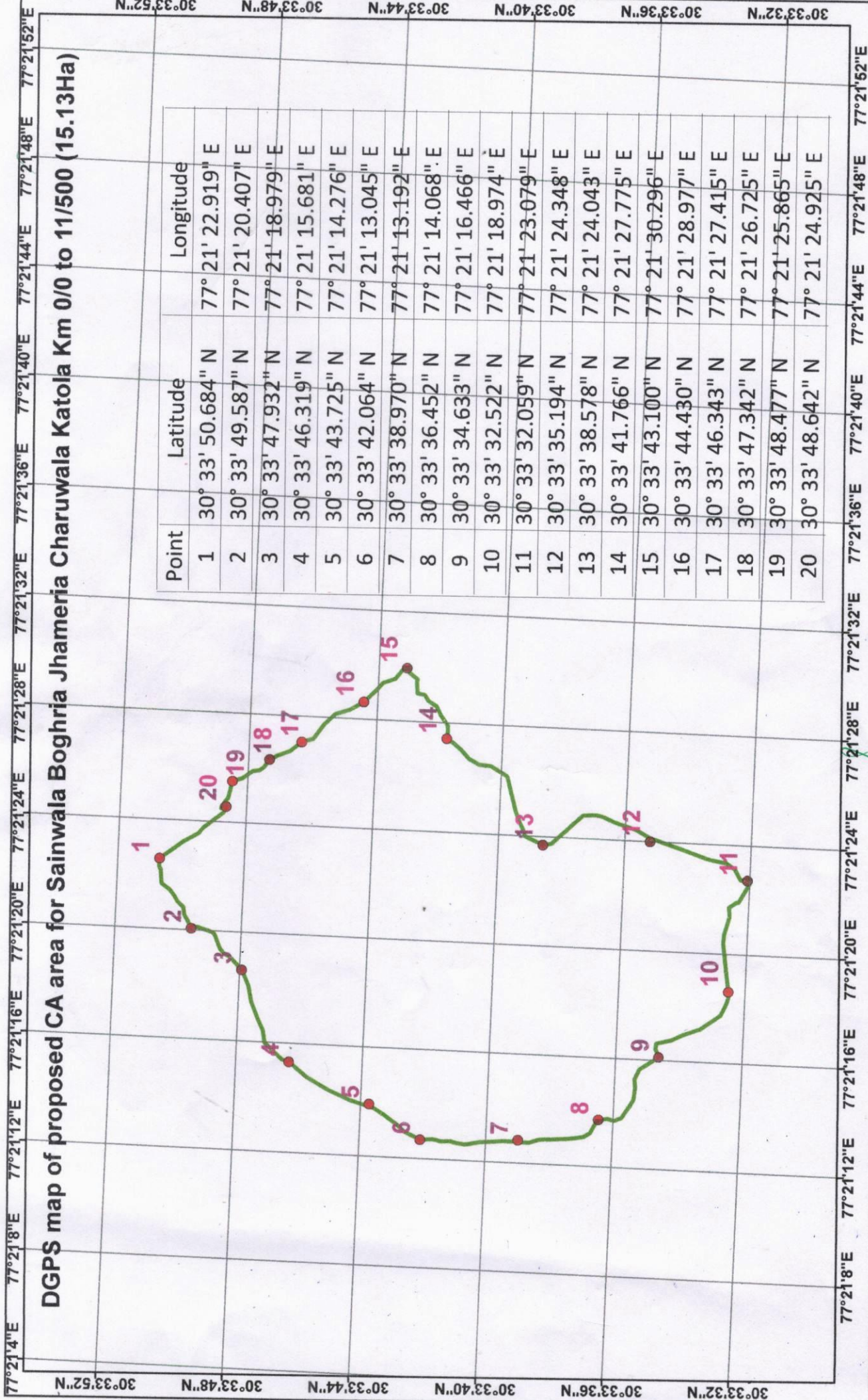
1061136

7124768

Total Cost Of CA for 15ha is =

7124768

Divisional Forest Officer,
Nahan Forest Division,
Nahan Forest Division,
Nahan, H.P.



Legend

- DGPS
- Proposed Area

Divisional Forest Officer,
Nahan Forest Division,
Nahan, H.P.

Rajamta

Rajamta

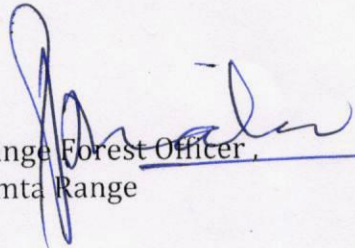


Divisional Forest Officer,
Nahan Forest Division,
Nahan, H.P.

Full Title of the Project: - Construction of link road from Sainwala, Boghria, Jhameria, Charuwala, Katola Km. 0/0 to 11/500 within the Jurisdiction of Renuka ji and Nahan Forest Division, Nahan, Tehsil, Nahan, Distt. Sirmour H.P.

LAND SUITABILITY CERTIFICATE

This is to certify that 9 hect. land bearing Survey Sheet-H43L6, of RF Sanoga C-2 of Sanoga beat of Panjhal block of Jamta Range of Nahan Forest Division, Tehsil Nahan, District Sirmour, identified for compensatory Afforestation is suitable for undertaking plantation. The undersigned visited the proposed CA site area and found that it is fit for plantation.. Moreover in the CA area there are lantana bushes and kronda jhari (about 75%) growing there due to which KML file of CA Site is showing MDF in certain patches. CA area is having less than 40% canopy density and the CA area is appropriate for Plantation.

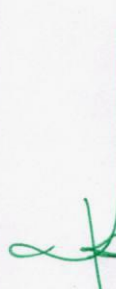

Range Forest Officer,
Jamta Range


Divisional Forest Officer,
Nahan Forest Division,
Nahan, H.P.

**CALCULATION OF NET PRESENT VALUE (NPV) SAINWALA, BOGHRIA, JHAMERIA, CHARUWALA, KATOLA ROAD
OF NAHAN FOREST DIVISION.**

Name of the Division	Sr. No.	Area in Ha.	No. of trees.	No. of Class III & above trees	No. of trees below class III	Equivalent mature trees (50% Co.6)	Total Mature tree/ Ha (Col.5+ Col.7)	Mature tree/ Ha (Col.8/ Col.3)	Density (Col.9/4 00)	Eco Class	Rate applicable	Amount (NPV) in Rs. (Col.3* Col.12)
1	2	3	4	5	6	7	8	9	10	11	12	13
Nahan	1	7.565	515	148	367	184	332	43.88	0.08	V	1005210	7604414/-

*Dated 29-11-24
Plusee Nahan*


Divisional Forest Officer,
Nahan Forest Division, Nahan.
Nahan Forest Division,
Nahan, H.P.

ENUMERATION LIST OF GREEN STANDING TREES COMING UNDER LINK ROAD FROM SAINWALA, BOGERIA, CHARUWALA, KATOLA OF NAHAN RANGE OF NAHAN FOREST DIVISION.

ENUMERATION LIST OF GREEN STANDING TREES COMING UNDER LINK ROAD FROM SAINI (R.F.)																
FOREST DIVISION.																
Sr. No.	Name of Area	Spp.	Classification of trees											Total	Vol. in m3	
			V-I	V-II	IV-I	IV-II	III-I	III-II	IIA	IIB	IA	IB	IC			ID
1	RF Kangniwala C-1	Sain	0	0	0	0	0	0	0	0	1	0	0	0	1	4.587
		Kokath	0	12	0	11	0	8	2	0	0	0	1	0	34	11.099
		Mango	0	3	0	5	0	2	0	0	0	0	0	0	10	3.891
		Total	0	15	0	16	0	10	2	0	1	0	1	0	45	19.577
	RF Kangniwala C-1 Dumping Site No-1	Kokat	0	1	0	2	0	3	0	0	0	0	0	6	3.087	
		Total	0	1	0	2	0	3	0	0	0	0	0	6	3.087	
	RF Kangniwala C-3	Khair	5	5	9	18	9	3	0	0	0	0	0	49	10.392	
		Sain	0	0	0	0	0	1	3	0	0	0	0	4	6.145	
		Kokath	0	27	0	16	0	8	3	0	0	1	1	56	17.057	
		Eucliptus	0	2	0	9	0	11	6	4	1	0	1	34	15.796	
		Total	5	34	9	43	9	23	12	4	1	0	2	143	49.39	
	RF Jabal C-1,C-2 & C-3	Khair	4	5	5	8	3	1	2	0	1	0	0	29	7.259	
		Kokath	0	90	0	83	0	28	15	5	2	0	0	223	58.174	
		Simbal	0	0	0	1	0	0	1	0	1	1	0	4	13.11	
		Sain	0	2	0	2	0	2	0	2	0	0	1	9	15.105	
		Tun	0	1	0	1	0	0	0	0	0	0	0	2	0.495	
		Mango	0	0	0	1	0	1	0	1	0	0	0	2	1.203	
		Total	4	98	5	96	3	32	18	7	4	1	0	269	95.346	
	RF Jabbal C-1 Dumping Site No.2	Kokat	0	2	0	1	0	1	0	0	0	0	0	4	0.73	
		Total	0	2	0	1	0	1	0	0	0	0	0	4	0.73	
	1 RF Banswala C-3	Jamun	0	0	0	1	0	0	0	0	0	0	0	2	6.753	
		Kokath	0	18	0	12	0	2	2	1	0	0	0	35	9.57	
		Khair	0	0	1	0	0	1	0	0	0	0	0	2	0.898	
		Behra	0	0	0	0	0	1	0	0	1	0	0	2	2.605	
		Sain	0	0	0	0	0	0	0	1	0	0	0	1	3.03	
		Simbal	0	0	0	0	0	0	0	0	0	0	1	1	6.385	
		Total	0	18	1	13	0	4	2	2	1	0	1	43	29.241	
	Dumping Site Celling Land	Kokat	0	2	0	2	0	0	1	0	0	0	0	5	2.089	
		G.Total	9	170	15	173	12	73	35	13	7	1	5	515	199.46	

Divisional Forest Officer,
Nahan Forest Division Nahan,
Nahan Forest Division,
Nahan, H.P.

GENERAL ABSTRACT		Classification of trees													Total	Vol. in m3
Sr. No.	Name of Area	Spp.	V-I	V-II	IV-I	IV-II	III-I	III-II	IIA	IIB	IA	IB	IC	ID		
1	RF Jabbal C-1, RF Jabbal C-2, RF Jabbal C-3, RF Banswala C-3, RF Kangniwala C-1, RF. Kangniwala C-3.	Simbal Tun Sain Jamun Khair Bahera Kokath Euc Mango Total	0 0 0 0 9 0 0 0 0 9	0 1 2 0 10 0 152 2 3 170	0 0 0 0 15 0 0 0 0 15	1 1 2 1 26 0 127 9 6 173	0 0 0 0 12 0 0 0 0 12	0 0 3 0 5 1 50 11 3 73	1 0 3 0 3 0 22 6 0 35	0 0 3 0 0 6 4 0 0 13	1 0 1 0 1 2 1 0 0 7	1 0 0 0 0 0 2 0 0 17	1 0 1 0 0 0 2 0 0 5	0 0 1 0 0 1 0 0 0 2	5 2 15 2 81 2 362 34 12 515	19.495 0.495 28.867 6.753 20.638 2.605 99.717 15.796 5.094 199.46

Divisional Forest Officer,
Nahan Forest Division, Nahan,
Nahan Forest Division,
Nahan, H.P.

RFO Nahan

GENERAL ABSTRACT OF GREEN STANDING TREES COMING UNDER LINK ROAD FROM SAINWALA, BOGERIA, CHARUWALA, KATOLA OF NAHAN RANGE OF NAHAN FOREST DIVISION.											
Sr. No.	Name of Area	Botanical Names of Trees	Spp.	Classification of trees							Vol. in m3
				Girth (0-30)	Girth (30-60)	Girth (60-90)	Girth (90-120)	Girth (120-150)	Girth (>150)	Total	
1	RF Jabbal C-1, C-2, C-3 and RF Banswala C-3 and RF Kangniwala C-1, C-2, C-3	Bombax ceiba Tooni Cedrela Terminalia Myriocarpa Syzygium cumini Acacia Catechu Terminalia belerica Other Mangifera indica Eucalyptus Dalbergia sisoo	Simbal Tun Sain Jamun Khair Behra Kokath (Chhal, Jigan) Mango Euc Shisham	0 0 0 0 0 0 0 0 0 0 0	0 1 2 0 19 0 152 3 2 0 0	1 1 2 1 41 0 127 6 9 0 188	0 0 3 0 17 1 50 3 11 0 85	0 0 3 0 0 0 22 0 6 0 31	4 0 5 1 4 1 11 0 6 0 32	5 2 15 2 81 2 362 12 34 0 515	19.495 0.495 28.867 6.753 20.638 2.605 99.717 5.094 15.796 0 199.46

Prabhu
R.F.O.

Divisional Forest Officer,
Nahan Forest Division Nahan,
Nahan Forest Division,
Nahan, H.P.

Abstract Enumeration List of Green Standing Trees in Rf Kangniwala C-1, in Kangniwala Beat, Nahani Forest Block, Nahani Forest Range and Nahani Forest Division (H.P.) . In Favour of HPPWD Const. of link Road from Sainwala, Bogriya, Jhameria, Charuwala, Katola. under FCA. (Dumping Site) Rd No.

Vide DFO Nahani Office Endst No. 3277 Dated 21/09/2024 . for the m/o 10/2024. Detail as

Under ...

Name of Beat	Name of Rf and C-No	Sno.	Spp	V		IV		III		IIA		IIB		IA		IB/IC		Over		TOTAL	
				No	Vol	No	Vol	No	Vol	No	Vol	No	Vol	No	Vol	No	Vol	No	Vol	No	Vol
Kangniwala	Rf Kangniwala C-1 (Dumping Site) Rd No-1	1	Kokath	1	0.064	2	0.368	0	0	3	2.655	0	0	0	0	0	0	0	0	6	3.087
			Total	1	0.064	2	0.368	0	0	3	2.655	0	0	0	0	0	0	0	0	6	3.087

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Divisional Forest Officer,
Nahani Forest Division,
Nahani, H.P.

Enumeration List of Green Standing Trees in Rf Kangniwala C-1, in Kangniwala Beat, Nahan Forest Block, Nahan Forest Range and Nahan Forest Division (H.P). In Favour of HPPWD Const. of link Road from Sainwala, Bogriya, Jhameria, Charuwala, Katola. under FCA . (Dumping Site) Vide DFO Nahan Office-Endst No. 3277 Dated 21/09/2024 . for the m/o 10/2024. Detail as Under ...

Sno.	RD No.	Spp	Dia	Class	Remarks
1	3/030 to 3/060	Jingan	44/45	IIA	G.Standing
2		Kamela	28/29	IV	G.Standing
3		Jamoya	47/48	IIA	G.Standing
4		Kamela	26/27	IV	G.Standing
5		Kamela	17/18	V	G.Standing
6		Kokat	43/44	IIA	G.Standing

At 300 ft
11 Kangniwala

Abstract Enumeration List of Green Standing Trees in Rf Jabbal C-1, in Jabbal Beat, Nahana Forest Block, Nahana Forest Range and Nahana Forest Division (H.P.) . In Favour of HPPWD Const. of link Road from Sainwala , Bogriya, Jhameria, Charuwala, Katola. under FCA. (Dumping Site) Rd No. to Vide DFO Nahana Office Endst No. 3277 Dated 21/09/2024 . for the m/o 10/2024. Detail as Under ...																						
Jabbal	Name of Beat	Name of Rf and C-No	Sno.	Spp	V		IV		III		IIA		IIB		IA		IB/IC		Over		TOTAL	
					No	Vol	No	Vol	No	Vol	No	Vol	No	Vol	No	Vol	No	Vol	No	Vol	No	Vol
			1	Kokat	2	0.128	1	0.184	1	0.418	0	0	0	0	0	0	0	0	0	0	4	0.73
				Total	2	0.128	1	0.184	1	0.418	0	0	0	0	0	0	0	0	0	0	4	0.73

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Divisional Forest Officer,
Nahan Forest Division,
Nahan, H.P.

Enumeration List of Green Standing Trees in Rf Jabbal C-1, in Jabbal Beat, Nahan Forest Block, Nahan Forest Range and Nahan Forest Division (H.P). In Favour of HPPWD Const. of link Road from Sainwala, Bogriya, Jhameria, Charuwala, Katola. under FCA. (DUMPING SITE) Vide DFO Nahan Office Endst No. 3277 Dated 21/09/2024 . for the m/o 10/2024. Detail as Under ...

Sno.	RD No.	Spp	Dia	Class	Remarks
1		Kamela	24/25	IV	G.Standing
2		kokat	16/17	V	G.Standing
3		Kamela	16/17	V	G.Standing
4		Deyau	38/39	III	G.Standing

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Abstract of Enumeration List of Green Standing Trees in Celling Land Mouza - Maholiya Katola Khasra No-427/293, Land Onwer Revenue Department, Govt. of HP. in Banswala Beat, Nahan Forest Block, Nahan Forest Range and Nahan Forest Division (H.P). In Favour of HPPWD Const. of link Road from Sainwala, Bogriya, Jhameria, Charuwala, Katola. under FCA. Vide DFO Nahan Office Endst No. 3277 Dated 21/09/2024. for the m/o 10/2024. Detail as Under ...

Name of Beat	Name of Mouza	Khasra No.	Sno.	Spp	V		IV		III		IIA		IIB		IA		IB/IC		Over		TOTAL	
					No	Vol	No	Vol	No	Vol	No	Vol	No	Vol	No	Vol	No	Vol	No	Vol	No	Vol
Banswala	Maholiya Katola Celling Land	427/293	1	Kokat	0	0	2	0.37	2	0.836	1	0.885	0	0	0	0	0	0	0	0	5	2.089
					0	0	2	0.37	2	0.836	1	0.885	0	0	0	0	0	0	0	0	5	2.089
				Total	0	0	2	0.37	2	0.836	1	0.885	0	0	0	0	0	0	0	0	5	2.089

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Divisional Forest Officer,
Nahan Forest Division,
Nahan, H.P.

Enumeration List of Green Standing Trees in Celling Land Mouza - Maholiya Katola Khasra No- 427/293 , Land Onwer Revenue Department , Govt. of HP. in Banswala Beat , Nahan Forest Block ,Nahan Forest Range and Nahan Forest Division (H.P) . In Favour of HPPWD Const. of link Road from Sainwala , Bogriya, Jhameria, Charuwala, Katola. under FCA. Vide DFO Nahan Office Endst No. 3277 Dated 21/09/2024 . for the m/o 10/2024. Detail as Under ...

Sno.	RD No.	Spp	Dia	Class	Remarks
1		Lasuniya	24/25	IV	G.Standing
2		Sahjan	45/46	IIA	G.Standing
3		Amltas	36/37	III	G.Standing
4		Amltas	26/27	IV	G.Standing
5		Papri	31/32	III	G.Standing

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