

No. 284  
H.P. Forest Department.

Dated Nahan, the 29/4/23

From: DFO Nahan. To: Conservator of Forests,  
Nahan Circle, Nahan.

Subject: Diversion of 31.72ha of forest land in favour of Irrigation and Water Resources Department of Haryana Govt. Sinchai Bhawan, Sec-5 Panchukula for the Construction of Adi Badri Dam on Somb Nadi and its piped link to Sarasvati Nadi and Sarasvati Reservoir within the jurisdiction of Nahan Forest Division, Distt Sirmour H.P.

Memo: A meeting was held on dated 17.04.2023 Shimla and were observation raised by Nodal Officer Shimla on the subject cited above.

2. In this regard vide above referred letter the point wise reply of observations is given as under:-

Sr. No	Observation	Reply
1.	Though the copy of FRA certificated along with its proceeding issued by DC proceeding has been uploaded against column No. K of part -I but certificated of Sub Divisional Officer, FRC alongwith the proceedings of meeting with Gram Saba and FRCs HAVE BEEN PROVIDED. The complete FRA certificates/annexure alongwith proceedings are required to be uploaded against the appropriate column of part-I Further, certificate of non availability of non forest land of CA has been uploaded with the FRA certificate which needs to be removed.	Needful has been done by user agency and same has been corrected in the web portal copy enclosed
2.	Against the column No. B-2.4 in component wise breakup Dam & other works has been mentioned whereas, each component is required to be mentioned and sketch/layout plan is required to be prepared and uploaded accordingly.	Needful has been done by user agency and same has been corrected in the web portal.
3.	The SMCIP alongwith detail cost of its implementations required to be submitted, further leopards are sighted in the proposed area hence, Wild Life Management Plan along with detail of its cost of implementations MoEF & CC, OM dated 07.06.2022 are required to be submitted.	Under Taking for Wild life Management Plan has been uploaded to this office in additional information details in PARIVESH Portal and Under Taking by the user agency for Soil Moisture conservation plan has been uploaded in additional information details in PARIVESH Portal.

	The muck dumping plan is required to be submitted.	Certificate regarding muck management plan has been uploaded in additional information details in PARIVESH Portal.
5.	The DFO has stated that proposed area is moderate to severe to soil erosion, hence, the detail of mitigation measures may be given.	As most of DA area under is <del>under submergence</del> measures in construction activities <del>are</del> <sup>are</sup> the proposed area in minimum. Hence soil erosion will be less.
6.	Approximated distance of the site from forest land has been mentioned 31.72 k.m. in online Part-II which seems incorrect, necessary correction may be done.	Needful has been done by this office and same has been corrected in the web portal. (copy enclosed)
7.	The total financial outlay for CA is mentioned against the Sr. No. 13 (i) of Part-II is 17042176 lac which is incorrect, the revised amount be mentioned as per CA Scheme. Further, CA Scheme has been proposed over 63.44 ha. But area mentioned in 13(1) (i) is 31.72 ha.	Needful has been done by this office and same has been corrected in the web portal (copy enclosed)
8.	From the perusal of the KML file of CA site, it seems that proposed CA area is dense, hence the CA sited may be reviewed and it must be mentioned in the CA land suitability certificate that proposed CA area is having less than 40% canopy density.	The undersigned visited the proposed CA site area is fit for plantation. Moreover in the CA area lantana bushes and krona jhari growing there due to which KML file of CA Site is showing MDF in DSS. CA area is appropriate for Plantation.
9.	The site inspection report as uploaded at Sr. No. 4 against additional information detail of Part-I is not clear, the serial No. 6 ( a ) & ( b ) of the site inspection has bee bold, whereas, only applicable one is required be be bold.	Needful has been done by this office and same has been corrected in the web portal. (copy enclosed)
10.	The recommendation of CF in Part-III has not been found uploaded against the column No. 16 of part-II which may be uploaded.	Part-III uploaded in additional information details in PARIVESH Portal. (copy enclosed)

Encl: As above.

*Sarath*  
 Divisional Forest Officer,  
 Nahan Forest Division, Nahan.

FORM-I  
(for linear projects)  
Govt. of H.P.

OFFICE OF THE DISTRICT COLLECTOR, DISTT. SIRMAUR AT NAHAN, H.P.

No.....

Dated.....

TO WHOSOEVER IT MAY CONCERN

In the compliance of the Ministry of Environment and Forests (MoEF), Government of India's letter No. 11-9/98-FC (pt.) dated 3<sup>rd</sup> August 2009 wherein the MoEF issued guidelines on submission of evidences for having initiated and completed the process of settlement of rights under the Scheduled Tribes and Other Traditional Forest Dwellers (Recognition of Forest Rights) Act, 2006 ('FRA', for short) on the forest land proposed to be diverted for non-forest purposes read with MoEF's letter dated 5<sup>th</sup> February 2013 wherein MoEF issued certain relaxation in respect of linear projects, it is certified that 31.72 hectare of forest land proposed to be diverted in favour of User Agency for the Construction of Adi Badri Dam on Somb Nadi and piped link to Sarswati Nadi and Sarswati reservoir within the jurisdiction of Nahan Forest Division District Sirmaur Revenue village Matter / Bheron in respect of forest land Tehsil Nahan, Distt. Sirmaur HP.

It is further certified that:

- The complete process for identification and settlement of rights under the FRA has been carried out for the entire 31.72 **Hectare**. forest area proposed for diversion. A copy of records of all consultations and meetings of the Forest Rights Committee(s), Gram Sabha(s)/FRC(s), Sub-Division Level Committee(s) and the District Level Committee are enclosed as annexure- **A, B and C**.
- The diversion of forest land for facilities managed by the Government as required under section 3 (2) of the FRA have been completed and the Gram Sabhas/FRCs have given their consent to it;
- The proposal does not involve recognized rights of Primitive Tribal Groups and Pre-agricultural communities.

Encl: As above.

*Sourabh*  
Divisional Forest Officer  
Nahan, Distt Sirmaur.

*[Signature]*  
20/9/22  
District Collector  
District Sirmaur at Nahan.

No. Peshi-II-8(FRA)/2022-0193  
Dated, 21 September, 2022 Nahan.  
The Executive Engineer,  
Sarswati Heritage, Division No. 1  
Jagadhari, District Yamunanagar  
Haryana.

**PROCEEDINGS OF THE MEETING OF DISTRICT LEVEL COMMITTEE CONSTITUTED UNDER RULE-7 OF THE SCHEDULED TRIBES & OTHER TRADITIONAL FOREST DWELLERS (RECOGNITION OF FOREST RIGHT RULES) 2006 HELD UNDER THE CHAIRMANSHIP OF RAM KUMAR GAUTAM, I.A.S., DEPUTY COMMISSIONER SIRMAUR IN D.C. OFFICE, NAHAN ON 20-09-2022 at 10:30 AM**

A meeting of the District Level Committee was convened under the Chairmanship of Sh. R.K. Gautam, I.A.S., Deputy Commissioner, Sirmaur in D.C. Office, Nahan on 20<sup>th</sup> September 2022 to deliberate on the various issues involved in diversion of forest land for non-forestry activities. The following officers and non official members of the District Level Committee participated in the meeting:-

1. Sh. Manesh Kumar, IAS  
Addl. Deputy Commissioner, Sirmaur  
Member Secretary
2. Sh. Rajneesh Kumar,  
Sub Divisional Officer (c)  
Nahan, Distt. Sirmaur  
Member
3. Sh. Saurabh ,  
Divisional Forest Officer, Nahan.  
Member
4. Sh. Kunal Angrish, IFS  
Divisional Forest Officer, Paonta Sahib  
Member
5. Sh. Satish Thakur  
Village Shiriya P.O. & Tehsil Rajgarh  
District Sirmaur  
Non Official Member
6. Sh. Sarwan Kumar  
Vill. Kishanpura, P.O. Jamniwala,  
Tehsil Paonta Sahib Distt. Sirmaur  
Non Official Member
7. Smt. Sumita Devi,  
Vill. Banaur, Tehsil Paonta Sahib,  
District Sirmaur  
Non Official Member

After initial felicitations, the permission of the Chair was taken for the commencement of the meeting. At the outset, the ADC, being the Member Secretary of the Committee informed the Committee that below mentioned cases have been received from Sub-Division Level Committee Nahan and Paonta Sahib:-

Sr. No.	Name of Work	DFO concerned	Area of forest land to be diverted for non-forestry purpose.
I	Construction of Aadi Badri Dam on Somb Nadi and its piped link to Sarswati Nadi and Sarasvati reservoir	Nahan.	Diversion of Forest land 31.72 Hect.



Up-gradation and 4-laning of Paonta Sahib- Ballapur (Dehradun) Section of NH-72 (km 98.00 to km 149.00) in the State of Uttarakhand & Himachal Pradesh.	Paonta Sahib.	Diversion of Forest land 1.8916 Hect.
---	---------------	---------------------------------------

The cases were examined by the Committee:-

The proposal mentioned at Sr. No.1 and 2, which is sent by the SDLC Nahan/Paonta was examined. As per proposal the land at Sr. No. 1 is required for diversion if forest land in favor of Executive Engineer Sarasvati Heritage Division No-1 Jagadhari District Yamuna Nagar (Haryana) for the construction of Aadi Badri Dam on Somb Nadi and it pipe link to Sarswati Nadi and Sarswati reservoir to develop the tourism in the area.

The land at serial No. 2 is required for the diversion of the forest land in favor of GM (Tech.) cum Project Director PIU Basant Vihar Dehradun (UK) for the up-gradation of Paonta Sahib- Ballapur (Dehradun) Section from KM 97.000 to 149.000 of NH 72 in the State of Uttarkhand and Himachal Pradesh Development of by Pass to Paonta Sahib between KM 98.300 to 104.000 of NH 72 in the State of HP to facilitate the General public and provide transport facilities to the people of the area.

The Sub Divisional Officers ( C) Nahan and Paonta Sahib have sent the above cases duly approved by the concerned Village Level Forest Right Committee, Gram Panchayats and Sub Divisional Level Committee, constituted by the Govt. under rule 7 of the schedule tribe and other traditional forest dweller (Recognition of Forest Right Rule) 2006 vide notification No. TBD(A)3-1/2013-loose dated 5-3-2016 and recommended the diversion of the said forest land for non forestry purpose and necessary certificate on proforma prescribed under Forest Right Act 2006 in respect of the said land have been supplied to this office. The case as received from the SDLC Nahan and Paonta Sahib have been thoroughly checked by the Divisional Forest Officer Nahan and Paonta Sahib and the same has been approved by the DLC as all codal formalities are found to be completed in these cases.

In addition to above two cases, 13 more cases are also lying pending for want of certain formalities to be completed. The same may be got completed at the earliest and put up for approval in the next meeting.

Therefore, the meeting ended with a vote of thanks to and from Chair.



( R.K. Gautam) IAS,  
Deputy Commissioner,  
Sirmaur at Nahan.

Endst:-No. Peshi-II-8(FRA)/2015- 0194

Dated: 21 September, 2022

Copy forwarded to above mentioned members of the committee for information pl.



Deputy Commissioner,  
Sirmaur at Nahan

**Diversion of 31.72 ha of forest land in favour of Irrigation and Water Resources Department of Haryana Govt. Sinchai Bhawan, Sec-5 Panchkula for the Construction of Adi Badri Dam on Somb Nadi and its piped link to Sarasvati Nadi and Sarasvati Reservoir within the jurisdiction of Nahar Forest Division, Distt. Sirmour H.P.**

**TO WHOM IT MAY CONCERN**

**Undertaking of Wildlife Management Plan**

It is hereby undertaken to provide the Wildlife Management Plan for Diversion of 31.72 ha of forest land in favour of Irrigation and Water Resources Department of Haryana Govt. Sinchai Bhawan, Sec-5 Panchkula for the Construction of Adi Badri Dam on Somb Nadi and its piped link to Sarasvati Nadi and Sarasvati Reservoir within the jurisdiction of Nahar Forest Division, Distt. Sirmour H.P. <sup>will be provided</sup> before Stage-II approval.

*Sourabh*  
Divisional Forest Officer  
Nahar Forest Division  
Nahar H.P.

UNDERTAKING FOR PAYMENT OF COST OF  
IMPLEMENTATION OF SOIL MOISTURE CONSERVATION PLAN

It is to certify that I Sub Divisional Officer, Saraswati Heritage Sub Division No. 2, Canal Colony Jagadhri, have applied for diversion of 31.72 ha of forest area for the purpose of Construction of Adi Badri Dam.

I hereby, undertake to pay the cost of implementation of Soil Moisture Conservation Plan(SMCP) @ 0.5% of the total project cost as per the guidelines of Ministry of Environment, Forest and Climate Change.

Date:- 29.04.2023

Place:- Jagadhri

  
Sub Divisional Officer  
Saraswati Heritage Sub Div. No. 2  
Jagadhari

# MUCK DUMPING PLAN

## 1. INTRODUCTION

The project envisages construction of a concrete gravity dam of 101.06 m length and 37.5 m high from foundation level on Somb River in the territory of Himachal Pradesh. Large quantity of material would be excavated from the foundation, abutments and other appurtenant works. Muck generated from excavation of any project component is required to be disposed in a planned manner so that it takes a least possible space and is not hazardous to the environment.

## 2. QUANTITY OF MUCK TO BE GENERATED

The total quantity of muck expected to be generated has been estimated to be of the order of approx. **110000 cum**. About 30% of muck excavated shall be used during construction and in fillings for developing areas for construction facilities. Total quantity of excavation in common soil and quantity of rock excavation would have to be disposed in designated muck disposal area.

## 3. DUMPING SITE

The identification of muck disposal areas is done in line with the topographic and site specific conditions. Muck is to be dumped in pre-identified site as marked on the Survey of India topo sheet. Total capacity of these sites is about **119320 cum**. The dumping site is situated just 3 km d/s of the project site in village Kathgarh district Yamunanagar.

### Criteria for Selection of Dumping Site

Based on the geological nature of the rocks and engineering properties of the soil, a part of the muck can be used as construction material. However, the balance requires being suitably disposed. In the proposed project only approx 33000 cum of muck generated from excavation is to be reused for aggregate and fillings for developing areas for construction facilities. Rest of the approx 77000 cum is to be disposed at muck disposal site.

The following points were considered and followed as guidelines for finalization of the areas to be used as dumping sites:

- i) The dumping sites have been selected as close as possible to the project area to avoid long distance transport of muck.
- ii) The sites are free from active landslides or creep and care has been taken that the sites do not have a possibility of toe erosion and slope instability.
- iii) The dumping sites are either at higher level than the flood level or are away from the river course so that the possibility of muck falling into the river is avoided.
- iv) There is no active channel or stream flowing through the dumping sites.
- v) The sites are far away from human settlement areas.

The selection of muck disposal sites was done based upon site inspections and available best conditions of the land availability, land stability, accessibility, sloping pattern, no vegetative and tree cover, away from any ecological sensitive area, river bed conditions and away from high flood levels of the Somb river and its tributaries. After surveys suitable site was identified and dumping site is located on the right bank of Somb River in the Panchayat land of village Kathgarh District Yamunanagar Haryana. The proposed locations are spread over land area of

**approx 1.8 ha.** Total capacity of muck disposal areas is more than total quantity of unused muck to be disposed. Total volume of the muck dumping site is **approx 119320 cum.**

#### **4. METHODOLOGY OF DUMPING**

The main objectives of process of muck dumping and restoration of these muck disposal sites are:

- to protect and control soil erosion;
- to create greenery in the muck disposal areas;
- to improve and develop the sites into recreational sites;
- to ensure maximum utilization of muck for the construction purpose;
- to develop the muck disposal sites/ dumping yards to blend with the surrounding landscape; and
- to minimise damages due to the spoilage of muck in the project area.

During identification of the dumping sites, above mentioned aspects were kept in mind. All possible alternate sites were inspected and examined before rejecting or selecting any site. the dumping site:

- i) have no forest cover,
- ii) the settlement areas are far away from the identified dumping sites so as to have least impact on human life,
- iii) the proposed dumping sites are located at a distance varying from 60m to 70m away from the HFL at these sites as all the dumping sites are at a higher level than the flood level from the river course to provide protection from high flood, and
- iv) the identified muck sites are close to the sites from where muck is to be generated to avoid hazards related to transport of muck to long distances.

#### **Dumping Process**

The generated muck will be carried in dumper trucks covered with heavy duty tarpaulin properly tied to the vehicle in accordance with best international practices. All precautionary measures will be followed during the dumping of muck. All dumpers will be well maintained to avoid any chances of loose soil from being falling during the transportation. All routes will be periodically wetted with the help of sprinklers prior to the movement of dumper trucks. Dumping would be avoided during the high speed wind, so that suspended particulate matters (SPM) level could be maintained. Further, the dumping will be avoided during heavy traffic. After the dumping the surface of dumps will be sprayed with water with the help of sprinklers and then compacted.

The muck brought by dumpers will be spread in layers and then compacted by rollers till the top level is achieved. The process shall be repeated up to 50 cm level below the desired height which shall be laid with good soil for providing grass cover. At a regular vertical interval of 1.5 m and 3.0 m c/c masonry drains (catch water drains) shall be provided to drain off the rain water. Proper fencing of the entire area will be done.

The muck disposal area will ultimately be covered with fertile soil and suitable plants will be planted adopting suitable bio-technological measures. The project authorities would ensure that the dumping yards blend with the natural landscape by developing the site with gentle slope. These sites can also be developed later as recreational parks and tourist

spots with sufficient greenery by planting trees.

The capacity/volume of the muck dumping sites is more than the volume of the muck to be disposed. All measures would be adopted to ensure that the dumping of muck does not cause injury or inconvenience to the people or the property around the area. The spillage of muck into the river at any site would be prevented by ensuring that dumping is carried out at a minimum distance of 50 m away from the active river bank. The top surface would be leveled and graded after the capacity of any dumping site is exhausted. The top surface will be covered with soil and grass seeding will be ensured to promote vegetation cover.

## **5. REHABILITATION OF DUMPING SITE**

The project authorities would ensure that the dumping yards blend with the natural landscape to develop the sites with gentle slopes, bunds, terraces, water ponds, and patches of greenery in and around them. These sites can also be developed later as recreational parks and tourist spots with sufficient greenery by planting ornamental plants. The re-vegetation of dumping yards through 'Integrated Biotechnological Approach' would be undertaken. It may be necessary to inoculate the spoil dumps for development of landscape as the soils would be poor in nutrients. This can be developed through culture of microorganism or vermiculture practices at the nurseries developed for this purpose.

All the spoiled areas will be developed as per the latest technology of dumping, impact of rain, time and angle of soil setting. In addition sprinkling of water may also be resorted to, if required to avoid or minimize dust pollution. Proper drainage system also has to be provided to ensure unobstructed flow of runoff. Planting with suitable species of trees, shrubs and other biomass will also be initiated.

In addition, leveling would also be done after dumping the material on every cycle and simultaneously improving the drainage of the disposal site. All the approach roads to various project structures will be constructed by employing the methodology recommended by National Highway with minimal environmental damage. The methodology consists in developing the formation width is half cutting and half filling, so that the materials obtained from cutting are utilized in filling. The excavation on hill side will be done to get a stable slope for the materials encountered.

### **Biological Measure**

Top surfaces and slopes of all dumping areas would be left with a total area of about **1.80 ha**. These areas will be treated for the purpose of plantation. Vegetation cover controls the hydrological and mechanical effects on soils and slopes. Therefore, biological measures to stabilize the loose slope are essential. In order to implement the biological measures in dumping areas the following activities would be taken into account. The biological measures include the following:

#### **I. Soil treatment**

Muck dumped at various sites is not considered to be nutrient rich as it is excavated from tunnels and other structures. In order to make it suitable for the plantation it will be

provided bio treatment. The work plan will be formulated for re-vegetation of the dumping sites through Integrated Biotechnological Approach.

## II. Plantation

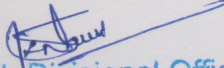
The selected species will be planted after their nurseries have been developed. The dumping areas are very small therefore; separate nursery would not be required. Plantation at the dumping site will be done along with the participation of The State Forest department.

In order to stabilize the stacked dumped material, vegetation cover would be provided to hold dumped material over a period of time.

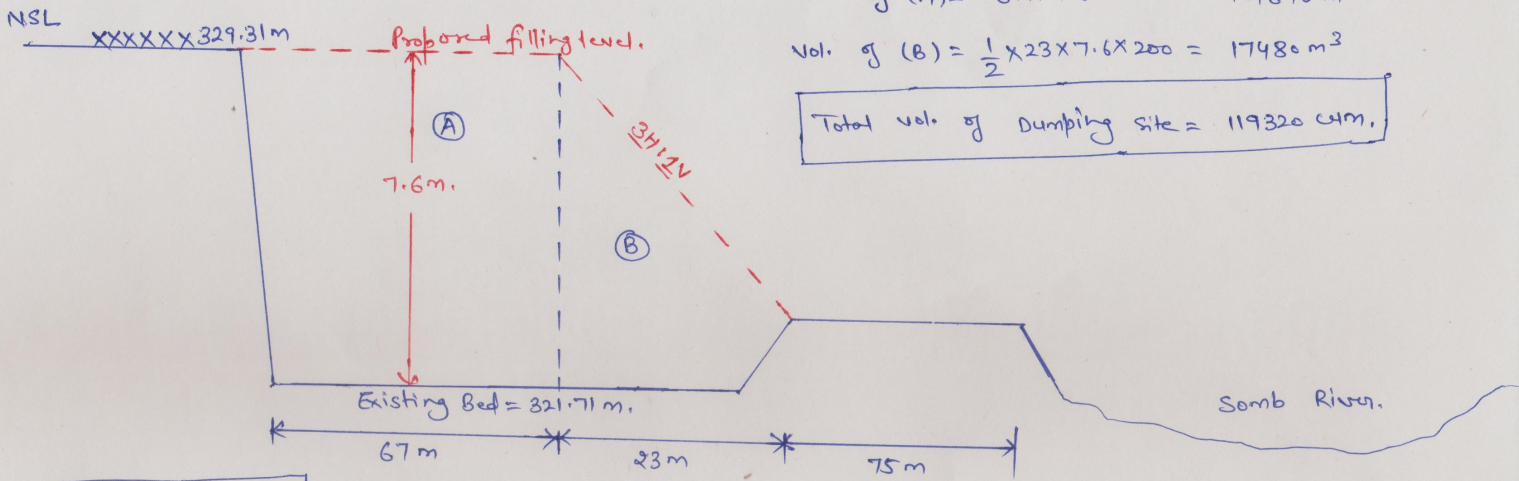
## **6. MONITORING & COMPLIANCES**

Muck shall be dumped from bottom in layers of 50-70 cm depending on size of boulders.

- i) Each layer shall be rolled compacted.
- ii) A layer of soil shall be spread on top of it to make it suitable for plantation.
- iii) Water testing facilities shall be set up for checking quality parameter of water.
- iv) Soil samples shall be regularly collected and tested for checking the level of contamination.
- v) Prescribed norms and approvals will be sought from SPCB wherever necessary. All norms of Forest department, SPCB and MoEF&CC and their acts related to muck disposal shall be complied with.
- vi) Plantation shall be done on the reclaimed land and native variety of plants and trees shall be planted.

  
Sub Divisional Officer  
Saraswati Heritage Sub Div. No. 2  
Jagadhari

SECTION OF THE PROPOSED DUMPING SITE



Vol. of (A) =  $67 \times 7.6 \times 200 = 101840 \text{ m}^3$

Vol. of (B) =  $\frac{1}{2} \times 23 \times 7.6 \times 200 = 17480 \text{ m}^3$

Total vol. of Dumping site = 119320 cum.

Length = 200m

Location:- Panchayat Land, Village Katlgarh  
District Yamunanagar

Area :- 1.80 Ha.

Vol. of Dumping Site:- 119320 cum.

*[Signature]*  
Sub Divisional Officer  
Saraswati Heritage Sub Div. No. 2  
Jagadhari

**Full Title of the Project:-- Construction of Adi Badri Dam within the Jurisdiction of Nahan Forest Division, Nahan , Tehsil, Nahan, Distt. Sirmour H.P.**

15.

File No. FP/HP/IRRIG/155846/2022

Date of Proposal:

**PART-II**

*(To be filled by the concerned Deputy Conservator of Forest)*

**State Serial No. of Proposal**

7.	Location of the Project/ scheme	
i	State/Union Territory	<b>Himachal Pradesh.</b>
ii	District	<b>Sirmour</b>
iii	Forest Division.	<b>Nahan Forest Division</b>
iv	Area of Forest land proposed for diversion (in ha.)	<b>31.72</b>
v	Legal status of the Forest.	<b>1.Reserve Forest ,30.64ha 2. Gair Mumkin Nadi 1.08ha</b>
vi	Density of vegetation.	<b>0.2</b>
vii	Species-wise (Scientific names) and diameter class-wise enumeration of tress to be enclosed. In case of irrigation hydel projects, enumeration at FRL, FRL-2 meter & FRL-4 meter also to be enclosed.	<b>Enumeration list is enclosed at Page No.</b>
viii	Brief note on vulnerability of the forest area to erosion.	<b>Moderate to Severe.</b>
ix	Approximate the distance of proposed site for diversion from the boundary of forest.	<b>0.5 Km approximately.</b>
x	Whether forms part of a nation park, wildlife sanctuary, biosphere reserve, tiger reserve, elephant corridor, etc. (if so, the details of the area, and comments of the Chief Wildlife Warden to be annexed).	<b>No.</b>
xi	Whether any rare/endangered/unique species of flora and fauna found in the area-if so details thereof.	<b>Nil</b>
xii	Whether any protected archaeological/heritage site/defence establishment or any other important monument is located in the area. If so, the details thereof with NOC from competent authority.	<b>No archaeological/ Heritage site/ Defence establishment exist in the area.</b>
8.	Whether the requirement of forest land as proposed by the user agency in col. 2 of part-I is unavoidable and barest minimum for the project, if no, recommended area item- wise with details of alternatives examined.	<b>The proposed land is required for the construction of scheme unavoidable and bare minimum</b>

9.	Whether any work in violation of various Forest Acts has been carried out (Yes/No). If yes, details of the same including period of work done, action taken against the erring officials. Whether work done in violation is still in progress.	--No--
10.	Details of compensatory afforestation scheme	Attached.
i	Details of non-forest area/. degraded forest area identified for compensatory afforestation, its distance from adjoining forest, number of patches, size of each patch.	RF Sangholi
ii	Map showing non-forest/degraded forest area identified for compensatory afforestation and adjoining forest boundaries.	Attached at page No.
iii	Detailed compensatory afforestation scheme including species to be planted, implementing agency, time schedule, cost structure, etc.	Attached at page No.
iv	Total financial outlay for compensatory afforestation scheme.	Rs.- 17379050/- Copy enclosed at page No. 45 to 47
v	Certificate from competent authority regarding suitability of area identified for compensatory afforestation and from management point of view. (To be signed by the concerned Deputy Conservator of Forest.	Attached.
11	Site inspection report of the DCF (to be enclosed) especially highlighting facts asked in col. 7 (xi, xii), 8 and 9 above.	Attached at page No.
12	Division/District profile:	
i	Geographical area of the district.	282500ha
ii	Forest area of the district.	138700 ha
iii	Total forest area diverted since 1980 with number of cases.	37=232.5512 ha
iv)	Total compensatory afforestation stipulated in the district/ division since 1980 on 31.08.2022. (a) Forest land including penal compensatory afforestation, (b) Non Forest land.	665.102 ha
v)	Progress of compensatory afforestation as on (date) on 31.08.2022. (a) Forest land. (b) Non-Forest land.	652.8596 Ha. Remarks: Area transferred from other division.
13	Specific recommendations of the DCF for acceptance or otherwise of the proposal with reason.	The case being a project of public interest recommended for approval under FCA, 1980.

Place Nahan  
Dated 28.04.2023

*Sourabh*  
Divisional Forest Officer,  
Nahan Forest Division, Nahan.

**Full Title of the Project:-- Construction of Adi Badri Dam**

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

Detailed Scheme for Compensatory Afforestation to be carried out in lieu of 31.72ha, of forest area to be diverted for construction of construction of Adi Badri Dam within the Jurisdiction of Nahan Forest Division, Nahan , Tehsil, Nahan, Distt. Sirmour H.P.

**Details of degraded forest land/non-forest land:-**

District Sirmour, Village Sangholi , Tehsil: Nahan

Name of Forest Division -Nahan, Range -Nahan.

Block -Todarpur of Todarpur Beat/Compartment RF Sangholi C-3 /Survey No: Sheet-  
H43L7

Area to be afforested **63.44 ha.**

**1. Description of the Area**

- i. Whether the site selected for Compensatory Afforestation is a land bank or not: Yes
- ii. If the CA site is other than the land bank, reasons be given. :- NOAPPLICABLE
- iii. In case of non- forest area identified for CA, and then what is the distance of CA site from the adjoining forest boundary. : NO
- 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:-

#### SCHEME FOR COMPESSATORY AFFORTATION


Particular of works	Area under CA scheme (In Hact.)	Norm fixed for 2022-23 at the wage rate of Rs.350/- per day. With Nursery cost.	Year of execution of works	Cost Escalation of 10% rate for each financial year	Total amount of CA
(a) Initial cost for Plantation	63.44	89800	2022-23	98780/-	6266603/-
Soil Conservation Works				L/s	1000000/-
Fire watcher, fire kit, and tools,				L/S	500000/-
Boundary pillar				L/S	200000/-
Add Nursery cost for Plantation Scheme				L/S	1744600/-
Lantana eradication 50% 1 <sup>st</sup> , 2 <sup>nd</sup> and 3 <sup>rd</sup> . (Area 30ha.)				L/S	975000/-
Other works i.e, Inspection path & Fixing of signed board				L/S	200000/-
					10886203/-
(b) 1 <sup>st</sup> year maintenance	63.44	10600	2023-24	11660/-	739710/-
2 <sup>nd</sup> year maintenance	63.44	7100	2024-25	7810/-	495466/-
3 <sup>rd</sup> year maintenance	63.44	3700	2025-26	4070/-	258200
4 <sup>th</sup> year maintenance	63.44	3700	2026-27	4070/-	258200
5 <sup>th</sup> year maintenance	63.44	3700	2027-28	4070/-	258200
6 <sup>th</sup> year maintenance	63.44	3700	2028-29	4070/-	258200
7 <sup>th</sup> year maintenance	63.44	3700	2029-30	4070/-	258200
8 <sup>th</sup> year maintenance	63.44	3700	2030-31	4070/-	258200
9 <sup>th</sup> year maintenance	63.44	3700	2031-32	4070/-	258200
10 <sup>th</sup> year maintenance	63.44	3700	2032-33	4070/-	258200
				<b>Total Maintenance</b>	<b>3300776/-</b>
				<b>Total (a+b)</b>	<b>14186979/-</b>
Departmental Charges				17.5%	2482721/-
Contingencies				5%	709349/-
				<b>Total</b>	<b>17379049/-</b>
				<b>Or Say</b>	<b>17379050/-</b>

#### 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 Broad 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**

  
**Divisional Forest Officer**  
**Nahan Forest Division.**

**Full Title of the Project:-- Construction of Adi Badri Dam within the Jurisdiction of Nahan Forest Division, Nahan , Tehsil, Nahan, Distt. Sirmour H.P.**

**File No. FP/HP/IRRIG/155846/2022**

**Date of Proposal:**

**CHECK LIST SERIAL NUMBER-16**  
**SITE INSPECTION REPORT NOT BELOW THE RANK OF DCF IDFO**  
*(For the Forest land to be diverted under FCA)*

1. A proposal has been received by this office from Executive Engineer, Sarasvati Heritage Division No. 1, and Jagadhri for diversion (under FCA-1980) of 31.72 Hectare of forest land for non-forestry purpose. The subject envisages the use of forest land for 31.72 ha. The site inspection of the land involved in the proposal has been done by me on dated **16.02.2023**
2. On inspection of the site, it is found that the land required by the user agency is a forest area measuring 31.72 ha.
3. The requirement of forest land as proposed by the user agency in Col. 2 of part-I is unavoidable and is barest minimum required for the project.
4. Whether any rare/ endangered/ unique species of flora and fauna found in the area. If so, the details thereof. NA
5. Whether any protected archaeological/ heritage site/ defence establishment or any other important monument is located in the area. If so, the details thereof with NOC from the competent authority. NA
6.  **(a) The user agency has not violated the provisions of Forest (Conservation) Act, 1980 and no work has been started without proper sanction. (✓)**  
 **(b) It has been found that user agency has violated the provisions of the Forest Conservation Act, 1980 Indian Forest Act, 1972/ any others forest act. (X)**

*(Note: Whichever of the above is applicable should be shown in bold letters)*

Specific recommendation for acceptance or otherwise of the proposal.

**The proposal is specifically recommended in the interest of public , the land proposed for diversion in the proposal is minimum.**

*Recommended*

Recommended for Approval

Place: .Nahan

Date:- 28/4/23

*Sarabh*  
Signature  
**Divisional Forest Officer,**  
**Nahan Forest Division,**  
**Nahan, H.P.**

**Full Title of the Project:- Diversion of 31.72 ha of forest land for construction of Adi Badri Dam on River Somb within the jurisdiction of Nahans Forest Division, Tehsil Nahans, District Sirmour H.P.**

**File No. FP/HP/IRRIG/155846/2022**

**Date of Proposal: 26.05.2022**

**PART-III**

(To be filled by the concerned Chief Conservator of Forests)

14	Whether site, where the forest land involved in the Yes/No case is located has been inspected by the concerned Conservator of Forests? If yes, the date of inspection of observations made in the form of inspection note to be enclosed.	Yes, on 24/3/23 as per encl.
15	Whether the concerned Conservator of Forests agrees with the information given in Part-B and the recommendations of the Deputy Conservator of Forests.	Yes
16	Specific recommendation of the concerned Conservator of Forests for acceptance or otherwise of the proposal with detailed reasons.	Recommended.

Date: 24/3/23  
Place: NAHAN

Signature   
Name (SARITA KUMARI)

Official Seal  
Chief Conservator of Forests,  
Forest Circle Nahans, (H.P.)