

## CHECK-LIST

OF

DOCUMENTS/INFORMATION REQUIRED FOR PROPOSAL FOR  
DIVERSION OF FOREST LAND FOR NON FORESTRY USE  
UNDER FOREST (CONSERVATION) ACT, 1980

## FOR STAGE-I APPROVALS

## I Documents/Information Required for All Proposals

S.No.	Name of the Document (s)	Provided or Not	If not Provided Why?	Page Number
1	Check-list of the project proposal	Yes		1-7
2	Demand letter of the project authority/ applicant, if submitted.	Yes		8
3	Main application form from Part-I to V as prescribed in the Rules under the FCA with all its columns duly filled up and signed by the competent authority with date, place and official seal. All the information in <b>Part-I</b> of <b>Form-A</b> including item-wise breakup of the forest area required, must be given in the form itself by expanding the columns	Yes		9-16
4	Detailed note on the project. It must include the information regarding the number of villages and number of persons to be benefited from the project including employment generation.	Yes		17-18
5	Map of the project site/forest area required clearly showing forest boundaries and adjoining areas with their land use in distinct colours in 1:50000 or any suitable scale on original Survey of India topo sheet. If the area is very small, in addition to above, an index map may be submitted showing forest boundaries and a location map on a larger scale with land use of the area required duly signed by DFO/CF concerned.	Yes		19
6	Layout plan of project site approved by competent authority. In case of linear diversion of forest land, linear map or a diagrammatic map of the project site should be enclosed.	Yes		21

7	Statement showing the details of forest area involved i.e. Survey No. /Coupe No. /Compartment No., etc., and item-wise breakup of the forest area proposed for diversion duly signed by DFO (in the prescribed format).	Yes		22
8	Statement showing the details of non-forest area involved in the proposal (in the prescribed format).	Yes		23
9	Certificate from the Collector/Deputy Commissioner that no alternative suitable non-forest land is available for the project in question.	Yes		24
10	Justification for locating the project in forest area to be submitted by User Agency and countersigned by DFO.	Yes		25-28
11	Certificate for minimum use of forest land to be submitted by the User Agency, giving details of area and trees involved in the alternatives examined and reasons for their rejection duly countersigned by DFO (in the prescribed format).	Yes		29
12	Undertaking by the User Agency to bear the cost of compensatory afforestation duly counter signed by the DFO (in the prescribed format).	Yes		30
13	Undertaking by the User Agency to pay the Net Present Value (NPV) of the forest land involved duly countersigned by DFO (in the prescribed format).	Yes		31
	Undertaking by the User Agency to pay the Additional Net Present Value (NPV), if any, of the forest land involved duly countersigned by DFO (in the prescribed format) as decided at a later date as per the decision of the Supreme Court.	Yes		32
14	A certificate from the competent authority in the State in the prescribed (vide MoEF letter No. 11-9/98-FC (pt.) dated 5 <sup>th</sup> July 2013) format that all forest rights under the Forest Rights Act, 2006 have been settled in respect of the forest area proposed for diversion, wherever applicable.  In case, the process for settlement of rights under FRA has not been initiated, grant of stage-I approval under the FCA to the proposal will be considered only if a certificate from the competent authority concerned, clearly stating that the process for settlement of rights under the FRA has not been initiated along with evidences	Yes		34-37

	supporting that settlement of rights under the FRA will be initiated and completed before the final approval, is enclosed with the proposal (vide F. No. 11-179/2012-FC Dated: December 20, 2013).			
15	Species-wise and girth class-wise enumeration list and abstract of trees ( <i>abstract to be given at the end of the list</i> ) standing on the forest area in question neatly typed or computerized and duly signed by DFO.	Yes		38-40
16	Site inspection report of the forest area involved in the project proposal by the DFO concerned or higher level forest officer in prescribed format ( <i>in the prescribed format</i> ).	Yes		41
17	Details of non-forest land/degraded forest area identified for compensatory afforestation viz. Survey No./ Compartment No./Khasra No./Khatoni No., Village, Tehsil, District, etc., along with map in appropriate scale showing the boundaries of adjoining forest areas with their use in distinct colours ( <i>in the prescribed format</i> ).	Yes		42
18	Detailed scheme for compensatory afforestation on identified non-forest area/degraded forest area, as the case may be, at prevalent wage rates duly signed by DFO and countersigned by the CF concerned. The CA scheme must include all the technical details, details of work schedule, total financial outlay and proposed monitoring mechanism ( <i>in the prescribed format</i> ).	Yes		45-47
19	Certificate from the DFO, that non-forest land selected for compensatory afforestation is in a compact block and contiguous to forest area or in close proximity of forest area and suitable from the management and protection point of view.	<input checked="" type="checkbox"/> No		
20	Suitability certificate from the Divisional Forest Officer that the land identified for compensatory afforestation is suitable for raising plantation ( <i>in the prescribed format</i> ).	Yes		48
21	Certificate from the Chief Secretary regarding non-availability of non-forest land in the state for raising compensatory afforestation, wherever applicable. This certificate will be based on the certificate signed by the DFO and Deputy Commissioner/Collector of the district concerned about non-availability of such non-forest land.	<input checked="" type="checkbox"/> No		
22	In case of proposal which requires entry/exit through Protected Forest strips along			

	roads/railway lines/canals, the following information/documents must be given :-			
	a) No Objection Certificate (NOC) of the land owning agency i.e. NHAI/PWD, Railways or Canal/ Irrigation Department	No	N.A	
	b) Change of Land Use certificate from Town and Country Planning/ any other competent authority.	No	N.A	
23	For the projects involving forest land for construction of buildings/right of way for buildings, the built-up area, details of DG sets to be installed, and raw materials to be used ( <i>in case of industries</i> ) should be clearly mentioned.	No	N.A	
24	Status of clearance under Environment (Protection) Act, 1986, wherever required.	No	N.A	
25	NOC of the State Pollution Control Board for establishment of the project, wherever required.	No	N.A	
26	Detailed scheme for rehabilitation of project affected persons, wherever required.	No	N.A	
27	Detailed Catchment Area Treatment Plan, wherever required. The CAT Plan should be prepared on the basis of actual survey of area and its classification in various categories requiring different engineering/ afforestation and other treatments in phased manner.	No	N.A	
28	Detailed Reclamation Plan, wherever required. It should be realistic exhaustive and complete in all respects along with relevant maps in distinct colours. It should also include the details of back fillings, afforestation and execution of such works, wherever required.	No	N.A	
29	Cost benefit analysis as per the guidelines issued under forest (Conservation) Act, 1980 in prescribed format, wherever required.	Yes		50-56
30	Any other information/documents necessary for giving clarifications on the project may be specified and attached.	Yes		57-67

<b>II Documents/Information Required for Proposals for Roads, Railway Lines, Canals and Transmission Lines</b>				
31	The following information/documents must be given :- a) Length and width of Road/Railway line/ Canal/ Transmission line passing through forest and non forest area. b) In case of expansion of already	No	N.A	

	<p>existing road/railway line/canal, linear plan clearly showing in distinct colours the already existing road (<i>from beginning to end</i>), the width of the proposed road/railway line/canal to be expanded, and the remaining width of the Protect Forest strip, if any, which would be left after expansion.</p> <p>c) In case of transmission line, the following details <b>may also</b> be given :-</p> <p>i) Number of towers to be erected both in forest and non forest area.</p> <p>ii) Width of the right of way for transmission line.</p>	No	N.A	
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### III Documents/Information Required for Proposals for Hydro Electric Projects

32	<p>The following information/document must be given :-</p> <p>a) Component-wise total area requirement</p> <p>b) Copy of Memorandum of Understanding</p> <p>c) Copy of Techno-Economic Clearance</p> <p>d) Copy of Implementation Agreement</p> <p>e) NOC from Irrigation and Public Health Department</p> <p>f) NOC from Fisheries Department</p> <p>g) Authorization to the applicant by the Project Authority</p>	No	N.A	
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### IV Documents/Information Required for Proposals for Mining

33	<p>The following information/documents must be given :-</p> <p><b>I New Proposals</b></p> <p>a) Certificate from the competent authority like District Mining Officer/Geologist, regarding non-availability of the same mineral/ore in the nearly non-forest area.</p> <p>b) Estimated reserve of each mineral/ore in the forest area and non-forest area.</p> <p>c) Total area demanded and extent of forest area involved in the proposed</p>	No	N.A	
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<p>mining lease shown in distinct colours on relevant maps</p> <p>d) Proposed period of mining lease.</p> <p>e) Minimum distance of the proposed site from Wildlife Sanctuary and National Park.</p> <p>f) A copy of the mining plan duly approved by IBM, Nagpur.</p> <p>g) Phased reclamation plan of the project area.</p> <p>h) Copy of lease deed/agreement entered into with the district authorities.</p> <p>i) The details of Safety Zone Area for the mining as per para 4.7 of the guidelines. The undertaking from the project authority to bear the cost of fencing of safety zone area and afforestation over one and half times of degraded forest area. The details of safety zone to be ascertained by the competent authority viz. Indian Bureau of Mines/ Deptt., of Geology and Mining of the State Government.</p>	No	N.A	
<p><b>II) In case of renewal of Mining Lease</b></p> <p>a) A brief profile of the lessee/ company should be submitted giving details of their existing mining leases in the State with their capacity of production, the present level of average annual production, location of these pits and the status of reclamation of forest land that are exhausted of minerals.</p> <p>b) Complete details of existing or proposed leases in that particular forest area with their present status should be indicated on the Survey of India Topo-sheet in appropriate scale</p> <p>c) The State Government shall forward the complete proposal to the RO/MoEF at least six months prior to the expiry of the existing lease. In case of any delay, a details report elaborating the causes of delay shall be forwarded along with the</p>	No	N.A	

	proposal. d) A resolution of Gram Panchayat/ Local Body of the area endorsing the proposal that the project is in the interest of the people living in and around the proposed forest land.	No	N.A	
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**V Documents/Information Required for Proposals for Retail Outlets of an Oil Companies**

34	<p>The following information/ documents must be given :-</p> <ul style="list-style-type: none"> <li>a) Copy of letter of intent issued by the oil Company.</li> <li>b) Site selection certificate as per Govt. of India guidelines. The DFO should certify the distance between two retail outlets on either side of the outlet in question.</li> <li>c) Layout plan showing dimensions of proposed approach road for entry and exit with clear area calculations.</li> <li>d) Map clearly indicating the directions of the road leading from....to.....</li> <li>e) The area calculations for the curves should invariably be given in the layout plan.</li> <li>f) NOC from NHAI/PWD/Urban or local body</li> <li>g) NOC from Town and Country Planning/ local body</li> <li>h) Certificate by User Agency to the effect that no High Tension line passing above the proposed site duly countersigned by DFO</li> <li>i) A Certificate by User Agency to the effect that no LP Gas godown is located near the proposed site duly countersigned by DFO</li> </ul>	No	N.A	
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Date:  
Place:

*Souabhi*  
 Divisional Forests Officer  
 Forest Division Office  
 Nahan Forest Division,  
 Nahan, H.P.

Countersigned by Conservator of Forests



OFFICE OF SUB DIVISIONAL OFFICER  
SARASVATI HERITAGE S/D NO.2 JAGADHRI  
E mail: xenjdr1@gmail.com



No. 388-89/ABDFC  
To

Dated: 10.10.2022

Divisional Forest Officer  
Forest Division  
Nahan.

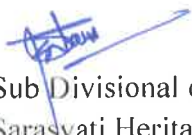
**Subject: - Diversion of 31.72 ha of forest land for construction of Adi Badri Dam on River Somb. Online proposal no. FP/HP/ IRRIG/155846/2022.**

On the above cited subject it is intimated that Haryana Government has proposed the construction of Adi Badri Dam on Somb Nadi for rejuvenation of Sarasvati River. The proposed Dam is to be constructed on forest land. A proposal for diversion of 31.72 Ha forest land for non-forestry use under forest (Conservation ) Act, 1980 has been applied by this office through online process on PRIVESH PORTAL.

Now, 4 set of supporting documents in prescribed format is hereby submitting in your office for further process of forest clearance.

An early action in this regard is requested please.

DA/ As above

  
Sub Divisional officer  
Sarasvati Heritage S/D No.2  
Jagadhri

CC: Executive Engineer Sarasvati Heritage Division No.1, Jagadhri for information please.

## FORM - A

Form for seeking prior approval of Central Government under section 2 of the Forest(Conservation) Act,1980 for  
Diversion of fresh forest area

### **PART - I**

(To be filled up by User Agency)

#### A. General Details

##### A- 1. Project Details

(i). Proposal No. : FP/HP/IRRIG/155846/2022

(ii). Name of Project for which Forest Land is required : Construction of Adi Badri Dam

(iii). Short narrative of the proposal and Project/scheme for which the forest land is required :  
Haryana Government has conceptualized the construction of Adi Badri Dam on Somb Nadi for the  
rajuvenation of Sarasvati River. Flood water will be checked by construction of this Dam and it will be  
diverted from a barrage to be constructed aprox. 2km d/s of dam to Sarasvati Reservoir. Thereafter  
stor

(iv). State : Himachal Pradesh

(v). Category of the Proposal : Irrigation

(vi). Shape of forest land proposed to be diverted : Non Linear

(vii). Estimated cost of the Project(Rupees in lacs) : 21533

(viii). Area of forest land proposed for diversion(in ha.): 31.72

(ix). Non-forest land required for this project(in ha.): 0.67

(x). Total period for which the forest land is proposed to be diverted(in years): 99

##### A- 2. Details of User Agency

(i). Name : IRRIGATION AND WATER RESOURCES DEPARTMENT HARYANA

(ii). Address1 : Sinchai Bhawan, Sec-5, Panchkula, Haryana

(iii). Address2 : Executive Engineer, Sarasvati Heritage Division No. 1, Jagadhri

(iv). State : Haryana

(v). District : Panchkula

(vi). Pin : 135001

(vii). Landmark : Canal Colony

(viii). Email address : xenshdjdr@gmail.com

(ix). Landline Telephone No. : 1732-237027

(x). Fax No. : 1732-

(xi). Mobile No. : 9416743887

(xii). Website (if any) : NIL

(xiii). Legal status of User Agency : State Government

A-  
3. Details of Person Making Application

(i). First Name: Vikas

(ii). Middle Name: NIL

(iii). Last Name: Kataria

(iv). Gender: Male

(v). Designation: S.D.O

(vi). Address 1: Sarasvati Heritage Sub Division No. 4, Canal Colony, Jagadhri, Haryana

(vii). Address 2: NIL

(viii). State: Haryana

(ix). District: Yamunanagar

(x). Tehsil: Jagadhri

(xi). Pin: 135001

(xii). Landmark: Hotel Sapphire

(xiii). Email Address: xenshdjdr@gmail.com

(xiv). Landline Telephone No.: 1732-237027

(xv). Fax No.: NIL

(xvi). Mobile No.: 9896531219

(xvii). Copy of documents in support of the competence/authority of the person making this application to make application on behalf of the User Agency: <sup>FOR</sup>

**B. Details of land required for the Project**

B- Details of proposal seeking prior approval of Central Government under the Act for  
1. diversion of forest land for the Project already submitted in the past

List of proposal submitted in Past							
S.no	Proposal Status.	Proposal No.	Moef File No.	Area Proposed for Diversion(Ha.)	Area Diverted(Ha.)	Date of In-Principle Approval	Date of Final Approval
<b>NIL</b>							

B-  
2. Details of forest land proposed to be diverted

B-2.1 Details of Divisions involved

Details of Divisions involved			
S.no	Division Name	Forest Land(ha.)	Non-Forest Land(ha.)
1.	Nahan	31.72	0.67
Total		31.72	0.67

B-2.2 Details of Districts involved

District wise breakup			
S.no	District Name	Forest Land(ha.)	Non-Forest Land(ha.)
1.	Sirmaur	31.72	0.67
Total		31.72	0.67

B-2.3 Village wise breakup




Villages wise breakup			
S.no	Village	Forest Land(ha.)	Non-Forest Land(ha.)
1	Matar	20.62	0.67
2	Bheron	11.1	0
Total		31.72	0.67

B-2.4 Component wise breakup

Component wise breakup			
S.no	Component	Forest Land(ha.)	Non-Forest Land(ha.)
1	Submerged Area	27.23	0.67
2	Dam & Other works	4.49	0
Total		31.72	0.67

C.

## Maps of forest land proposed to be diverted

Division 1. : Nahan		
(i). Area of forest land proposed to be diverted(in ha.) : 31.72		
(ii). Nature of the Project: Non Linear		
(a). No. of patches : One		
Patch wise details		
Patch No.	Area of Patch(in ha.)	Kml File of PatchesTo view KML file on google the same may be downloaded and then open if in google earth install in your computer.
1.	31.72	 <a href="#">View File</a>
(iii). Copy of Survey of India Toposheet indicating boundary of forest land proposed to be diverted: 		
(iv). Scanned copy of the Geo-referenced map of the forest land proposed to be diverted prepared by using GPS or Total Station: 		

## D. Justification for locating the Project in forest land and details of alternatives examined:

(i). Copy of note containing justification for locating the Project in forest land: 

## E. Employment likely to be generated

(i). Whether the Project is likely to generate employment?: Yes

(ii). Permanent/Regular Employment(Number of persons): 50

(iii). Temporary Employment(Number of person-days): 60000

## F. Displacement of People due to the Project, if any.

(i). Whether Project involves displacement?: No

## G. Details of Cost-Benefit analysis for the Project

(i). Whether the Project requires Cost-Benefit analysis?: Yes

(a). Copy of Cost-Benefit analysis: 

## H. Status of Environmental Clearance

(i). Whether the Project requires Clearance under the Environment (Protection) Act 1986?: No

I. Status of Wildlife Clearance

(i). Whether the Project or a part thereof is located in any Protected Area or their Eco sensitive zone? : No

J. Applicability of special provisions governing Scheduled Areas

(i). Whether the Project or a part thereof is located in a Scheduled Area? : No

K. Status of settlement of rights under the Forest Rights Act, 2006 on the forest land proposed to be diverted

(i). Whether the process for settlement of Rights under the Forest Rights Acts 2006 on the forest land proposed to be diverted has been completed? : Yes

(a). Copy of documentry evidence in support of settlement of rights under the Forest Rights Act, 2006 on the forest land proposed to be diverted:

L. Details of land identified for Compensatory Afforestation

(i). Whether non-forest or Revenue forest land is required to be provided by User Agency?: No

(ii). Whether the area of non-forest land or Revenue forest land required to be provided by User Agency for raising Compensatory Afforestation is less than area of forest land proposed to be diverted?: No







(iii) . Reason for not providing Non-Forest Land: Others









M. Hydel/Irrigation/Multipurpose Project

(i). Installed power generation capacity of the Project(in MW): 0

(ii). Total command area of the Project(in ha.): 0

Additional information Details

Documents		
S.No	Documents	Remarks
1		certificate of DC Sirmaur for non availability of land for CA
2		NOC from IPH Department H.P.
3		NOC from G.P Matar.
4		NOC from wild life Haryana
5		NOC from wild life H.P
6		Copy of Signed MoU

		between Haryana & H.P
7		NOC from Fisheries department H.P
8		certificate of DC concerned that no alternative suitable non forest land is available
9		MoU/Consent letter
10		Implementation agreement/TEC
11		NPV undertaking
12		CA undertaking
13		Reply to the Nodal officer observation dated 01.06.2022
14		Undertaking for payment of additional NPV

Print page

  
**Sub Divisional Officer**  
**Sarawati Heritage Sub Division No. 2**  
**Jagadhri**

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

**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:**

**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. 17042180/-
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.

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

**Full Title of the Project: Construction of Adi Badri Dam**  
**File No: FP/HP/IRRIG/155846/2022**  
**Date of Proposal: 26.05.2022**

## **Check List Serial No. 4**

### **Detail Note**

#### **1. Introduction:-**

Adi Badri Dam is proposed to be constructed on river Somb just upstream of the state boundary of Haryana and Himachal Pradesh at Adi Badri. It is main component of prestigious project of Haryana Govt. "Sarasvati River Rejuvenation & its Heritage Development Project". Somb Nadi is a rain fed river and flash floods come in the catchment during monsoon season. The main objective of the project is to absorb the flash flood and supply the regulated water downstream for diversion at Somb Sarasvati Barrage to Sarasvati Reservoir. The construction of Adi Badri Dam provides maximum utilization of rain water with minimum spill to the downstream reaches. The live storage capacity of Adi Badri Dam is 224.58 ha-m. Total 32.39 ha land is involved in this project out of which 31.72 ha is forest land and 0.67 ha is private land. All 32.39 ha land pertains to Himachal Pradesh.

#### **2. Brief History:-**

Sarasvati Nadi is known as the holiest River of India, as much as it has retained its sacred character right from the Rigvedic age to the present day. The Sarasvati river system in the Vedic period includes the rivers like Ghaggar, Markanda, Chautang, Sutlej and Yamuna. From the studies by the various eminent researchers for the past several years now it has been clear that Yamuna as well as Sutlej were tributaries of Sarasvati River. Around 3700 BC due to tectonic disturbances in the area, Sarasvati's Yamuna Tributary was diverted to its present course and Sutlej deflected to the west from Ropar later causing disappearance of mighty Sarasvati River.

Though Adi Badri is located on the bank of Somb Nadi, but it is believed that Sarasvati originates at Adi Badri. Tributaries of Sarasvati Nadi have been captured by river Yamuna in the past and the nearest tributary to Sarasvati is

Somb Nadi. In order to restore water of Somb Nadi to Sarasvati Nadi, Govt. of Haryana announced "Sarasvati River Rejuvenation & its Heritage Development Project" vide CM announcement no. 9888 on dated 30.03.2015. The main components of this project are as follows:

- a) Construction of Adi Badri Dam
- b) Construction of Somb Sarasvati Barrage
- c) Construction of Sarasvati Reservoir
- d) Laying of conveyance pipeline from Somb Sarasvati Barrage to Sarasvati Reservoir

### **3. Objective and Benefits:-**

The main objective of the project is to make the continuous flow of water into Sarasvati River by diverting excess flood water from Somb River. Sarasvati River flows through district Yamunanagar, Kurukshetra & Kaithal of Haryana covering a length of approx. 200 km before its outfall into Gagghar river. As per the assessment of Central Ground Water Board and ISRO, paleo channels of Sarasvati River are best for ground water recharge. Therefore when water will be released into Sarasvati River, ground water recharge will take place along the course of Sarasvati River.

### **4. Economic Benefits/Employment:-**

200 employees during the construction phase will be employed for a period of two years. During the construction period approx. 120000 man-days will be generated and after the construction indirect employment will be generated due to development of shops along the project road. 120000 man-days will be benefitted in terms of salary and wages @ Rs.500/day = Rs. 600lakhs.

  
Sub Divisional Officer  
Sarasvati Heritage Sub Division No. 2  
Jagadhri



नियंत्रित के लिए नहीं NOT FOR EXPORT

OPEN SERIES MAP

No. H43L7

Scale 1:50,000

Panchthula HARYANA H43L6 (53F/6)	H43L7 (53F/7)	H43L10 (53F/10)
Amble HARYANA H43L3 (53F/3)	H43L7 (53F/7)	H43L11 (53F/11)
H43L4 (53F/4)	H43L8 (53F/8)	H43L12 (53F/12)

1 Solan, HIMACHAL PRADESH.  
2 Dehra Dun, UTTARAKHAND.  
3 Kurukshetra, HARYANA.

भारतीय सर्वेक्षण विभाग SURVEY OF INDIA

1st Edition 2005.

Price : Rs. 50/-

CONVENTIONAL SYMBOLS

Express highway with toll with barrier with distance stone	
Roads indicated according to importance	
Roads/canals carrying water according to importance	
Unsurfaced Road, Cart-track, Packed-track and pass, Foot-path	
Streams with track in bed, unobstructed, Canal	
Dam, masonry or rock fillet, earthenwork, Weir	
River dry with water channel, with island & rocks, Tidal river	
Submerged rocks, Shoal, Sandbar, Reefs	
Wells (bore), unlined, Tuba-well, Spring, Tanka, perennial, dry	
Embankment, road or rail, bridge, Station, ground	
Faithers, level ground, double single with station, single (crossing)	
Railways, other gauges, double, single with distance stone, etc.	
Mineral line or tramway, Km. Cutting with tunnel	
Contours with spot-heights, Rocky slopes, Gullies	
Sand features: (Hatched) dunes, (dotted) dunes, (cross-hatched) dunes	
Towns or Villages: inhabited, deserted, Fort	
Rail: conventional, temporary, Trestle, Aqueduct, Canal, Pipeline, Police Station	
Temple, Church, Mosque, Ghat, Tomb, Shrine, Dargah	
Lighthouse, Lightship, Buoy, Lighted, unlighted, Anchorage	
Mine, Vein on traffic, Creek, drain	
Palm, palm-tree, other, Plantain, Cactus, Gourd, Other trees	
Area: cultivated, wooded, surveyed trees	
Boundary, international	
Boundary Pillars: surveyed, un-surveyed	
Height, (Meters) (feet) (meters) (feet) (meters) (feet)	
Bench-mark: geodetic, tertiary, canal	
Post office, Telegraph office, Government tank	
Rail station or passenger, Goods, Canal, Pipeline, Police Station	
Camping ground, Forest, reserved, protected	
Special names: administrative, locality or tribal	
Hospital, Dispensary, Veterinary, Hospital, Dispensary	
Aerodrome, Helipad, Tourist site	
Power line with poles surveyed, only poles un-surveyed	

REFERENCE

SP 22 National Highway No. 72

NOTES :-

Contours are approximate.  
 Heights are in metres and above Indian mean sea level.  
 Canal distance shown are 1000 feet apart and every 500 above 1000.  
 The regular boundaries of areas of Reserved or Protected Forests are shown by green chains.  
 A red 'X' height, etc. represents the approximate height, in metres, between the top and bottom of a steep slope.  
 Contour interval is 10 metres in plains and 20 metres above 400 metres in hills.  
 2000 feet and higher contours of British Ordnance Survey based on origin 20° 00' N, 75° 00' E with scale numbers are shown as tertiary bench-marks thus: ... 173, BM 225 ...

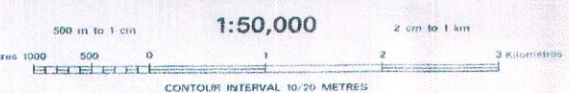
COMPILATION INDEX

A. Compiled from 1:25,000 surveys, 1956-96.  
Updated for major details during 2004-05.

Projection - UTM Datum - WGS 84

Magnetic Variation from True North about 1° East in 2005.  
(increasing by about 1° annually).

1:50,000

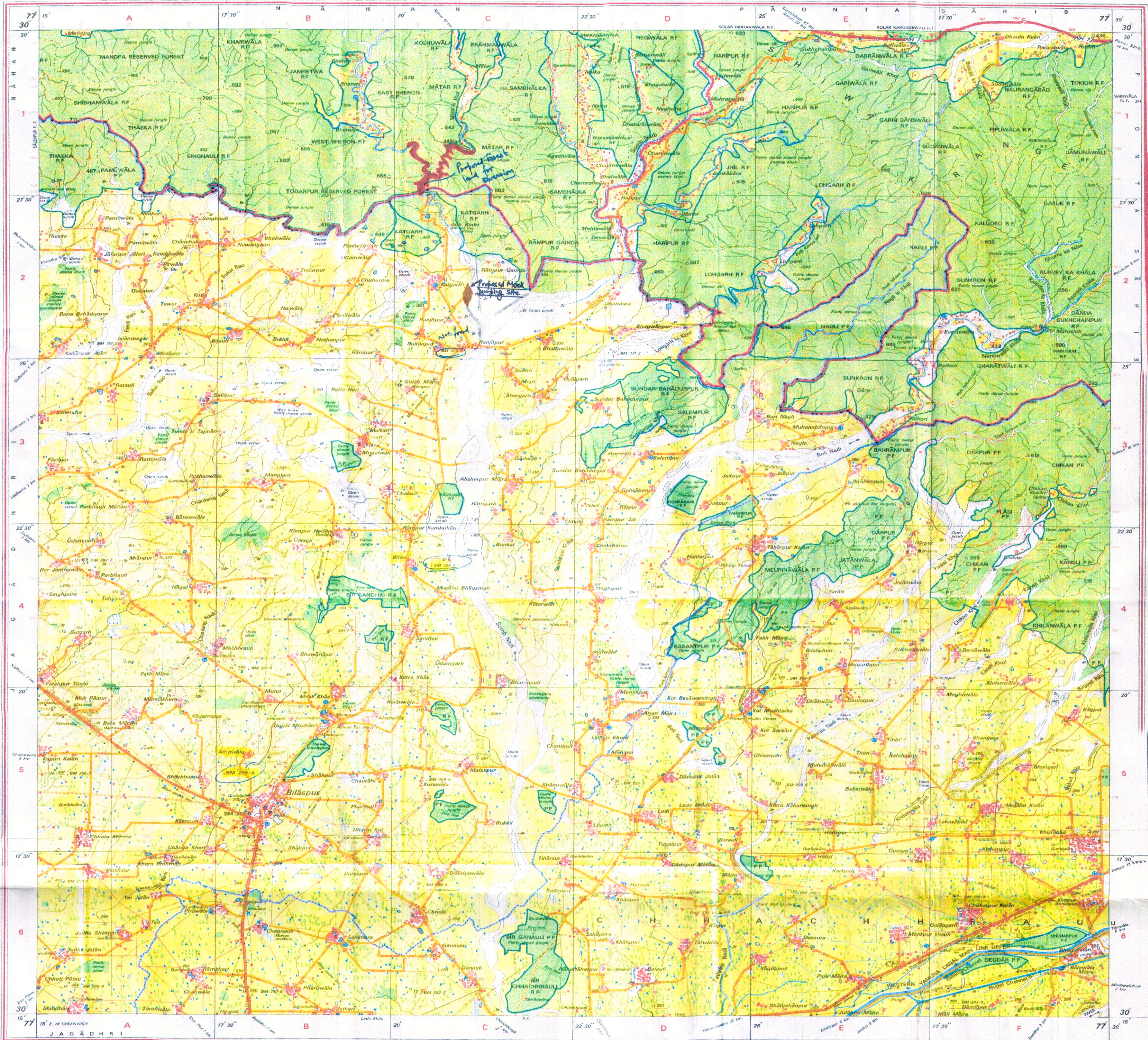


For further details about this map, please contact  
 Director  
 Himachal Pradesh Geo-Spatial Data Centre  
 Survey of India, Sector 32 A  
 Chandigarh.  
 Fax : 0172 - 2613398

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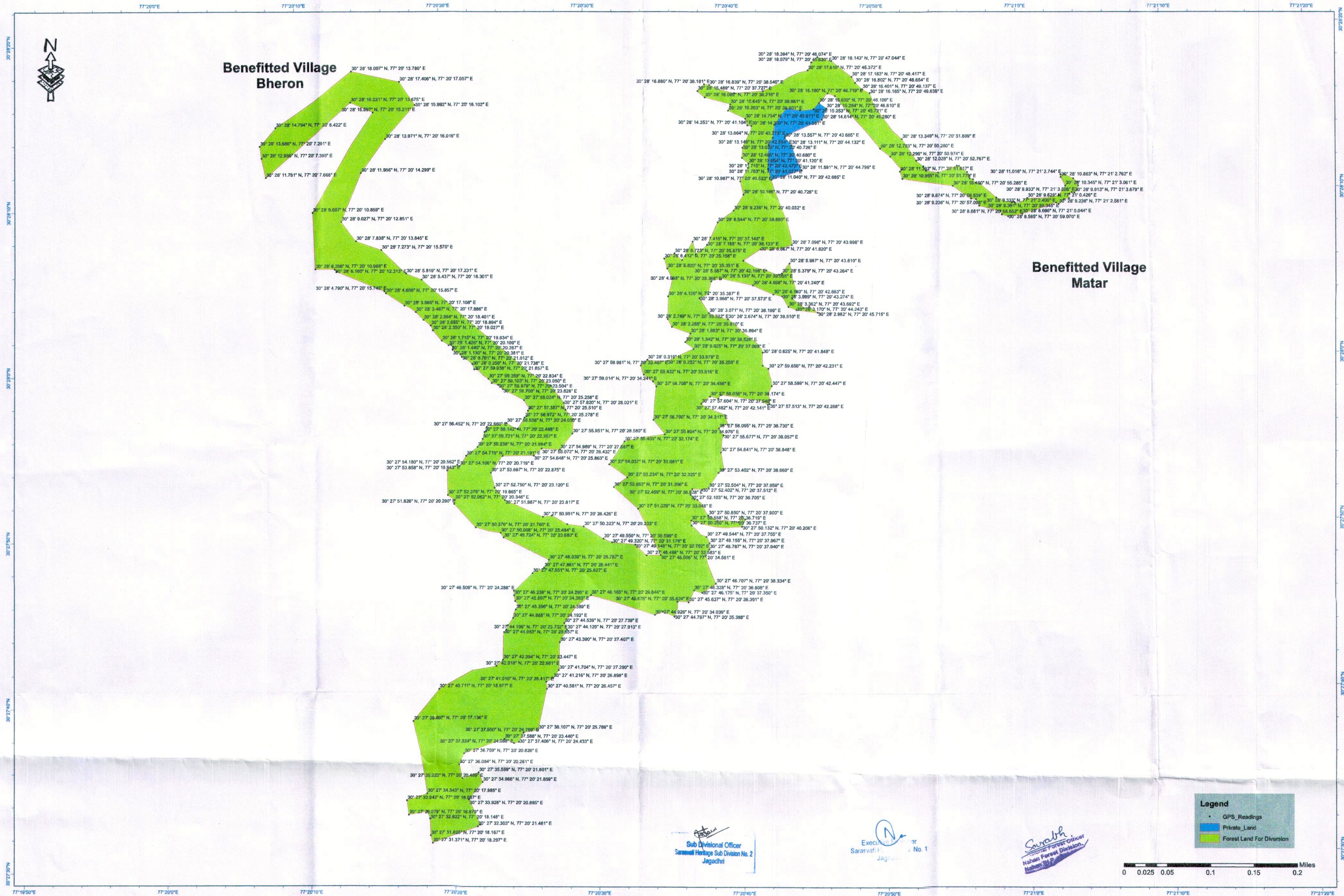
भारत के सर्वेक्षण के निदेशन में प्रकाशित,  
 Published under the direction of Surveyor General of India,  
 Survey of India, Hathi-Barkala Estate, Post Box No. 37, Dehra Dun - 248001 (Uttarakhand).  
 Department of Science & Technology, Government of India.

Sub-Divisional Officer  
 Survey of India  
 Chandigarh

Executive Engineer  
 Survey of India  
 Chandigarh

Survey of India  
 Chandigarh

DGPS MAP OF THE PROPOSED SITE FOR THE CONSTRUCTION OF ADI BADRI DAM ON THE RIVER SOMB IN DISTT. - YAMUNANAGAR



Benefitted Village  
Bheron

Benefitted Village  
Matar

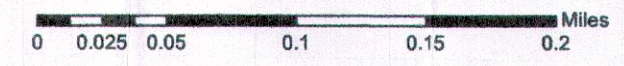
**Legend**

- GPS Readings
- Private Land
- Forest Land For Diversion

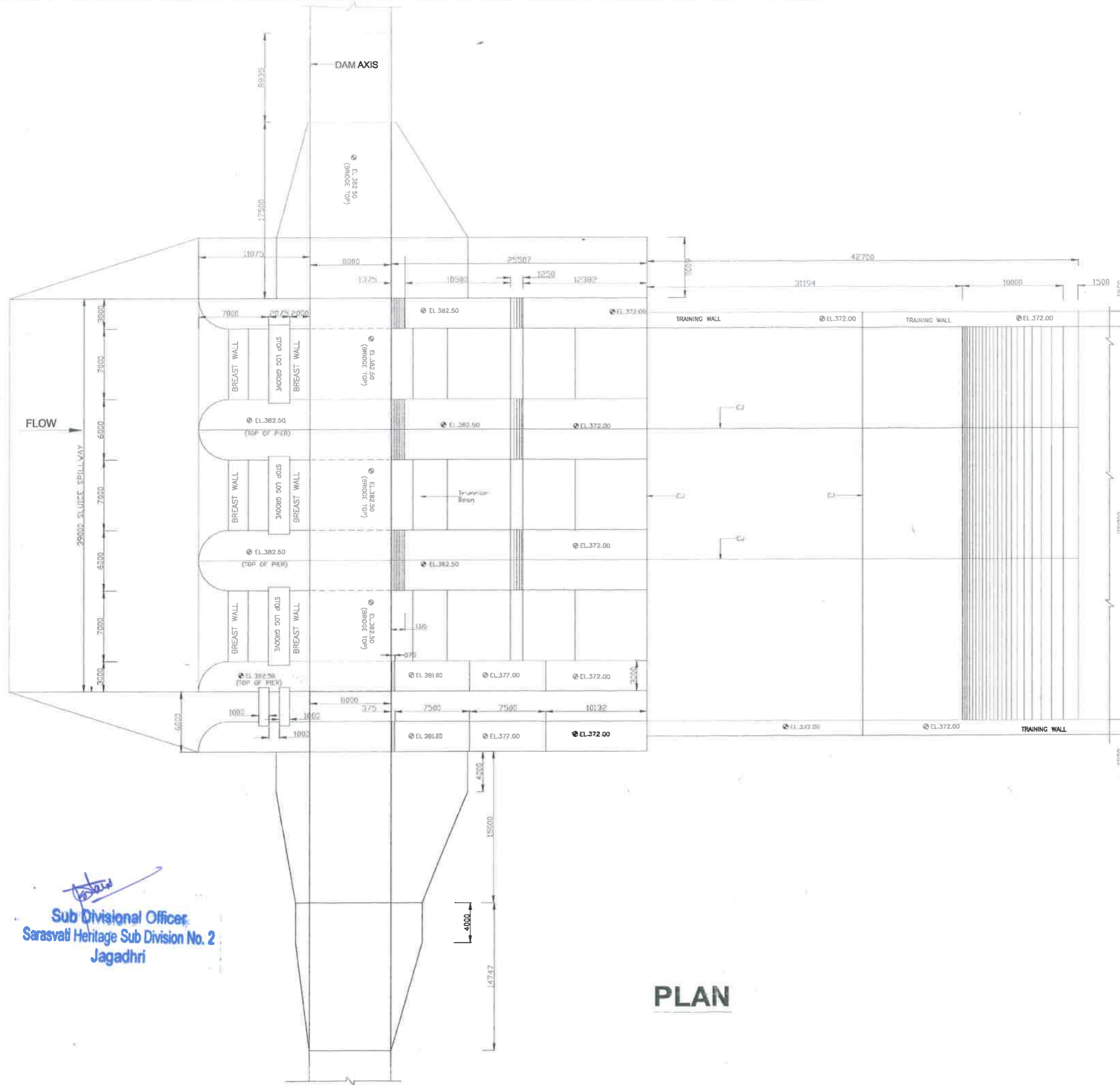
Sub Divisional Officer  
Saraswati Heritage Sub Division No. 2  
Jagadhri

Executive Officer  
Saraswati Heritage Sub Division No. 1  
Jagadhri

Saravali  
Sub Divisional Officer  
Nahan Forest Division  
Nahan



**SPECIFICATION DRAWINGS**  
(FOR TENDER PURPOSE ONLY - NOT FOR CONSTRUCTION)



**PLAN**

*Handwritten signature*  
Sub Divisional Officer,  
Sarasvati Heritage Sub Division No. 2  
Jagadhri

- NOTES:
1. ALL DIMENSIONS ARE IN MILLIMETERS WHEREAS CHAINAGES AND ELEVATIONS ARE IN METERS
  2. NO DIMENSION SHALL BE SCALED FROM THIS DRAWING
  3. THIS DRAWING HAS BEEN PREPARED BASED ON THE INFORMATION / DATA PROVIDED BY PROJECT AUTHORITIES
  4. THE GEOLOGICAL DISCONTINUITIES, IF ANY, I.E. SHEAR ZONE, FAULT, WEAK ROCK ETC., ENCOUNTERED DURING EXCAVATION SHALL BE SUITABLY TREATED IN CONSULTATION WITH GSI AND CWC BEFORE PLACING THE CONCRETE
  5. FOR THE STABILITY OF DAM, THE SHEAR PARAMETERS "C" AND "Φ" AT THE INTERFACE OF DAM BODY & THE FOUNDATION ROCK ARE CONSIDERED AS 20T/M<sup>2</sup> AND 42° RESPECTIVELY AS PER THE CSMRS REPORT ON LABORATORY INVESTIGATIONS OF ROCK FROM ADI-BADRI DAM SITE (REPORT NO. 01/RM-F/CSMRS/E/05/2020, MAY 2020) SUBMITTED BY SARASVATI HERITAGE DIVISION NO. 1 VIDE LETTER NO. 2059-61/IWABD DATED 29.12.2020.
  6. THE HORIZONTAL AND VERTICAL SEISMIC DESIGN COEFFICIENTS HAVE BEEN CONSIDERED 0.19 G & 0.13G (VALUES ARE ASSUMED AS SITE SPECIFIC SEISMIC STUDIES REPORT IS STILL AWAITED). THE DAM/SLUICE SECTION MAY CHANGE IN CASE OF VARIATION WITH ACTUAL VALUES AS PER THE SAID REPORT.
  7. THE SECTION HAS BEEN DESIGNED ADOPTING BEARING CAPACITY OF 60 T/M<sup>2</sup> BASED ON THE CSMRS REPORT ON DEFORMABILITY CHARACTERISTICS OF ROCK MASS BY PLATE LOAD TESTS AS DAM SITE OF ADI-BADRI DAM PROJECT (REPORT NO. 01/RM-F/CSMRS/E/12/2020.) SUBMITTED BY SARASVATI HERITAGE DIVISION NO. 1 VIDE LETTER NO. 2059-61/IWABD DATED 29.12.2020.
  8. THE FOUNDATION ROCK SHALL NOT BE EXPOSED TO WATER/AIR. THE EXCAVATION AND CONCRETING SHALL BE PLANNED IN SUCH A MANNER THAT 1.0 M ROCK COVER ON THE ACCEPTABLE FOUNDATION LEVEL SHOULD BE KEPT DURING EXCAVATIONS AND THE SAME SHALL BE REMOVED JUST BEFORE THE CONCRETING AND SHALL BE COVERED WITH THE CONCRETE IMMEDIATELY AFTER THE EXCAVATION.
  9. FOR ZONING OF MATERIALS, WATER STOP DETAILS, REFER SEPARATE DRAWING
  10. FOR NOF/OF, STILLING BASIN, CURTAIN, CONSOLIDATION GROUTING AND ANCHORAGES REFER SEPARATE DRAWINGS.

AD	DIR.	INITIALS	भारत सरकार <b>GOVERNMENT OF INDIA</b> केन्द्रीय जल आयोग <b>CENTRAL WATER COMMISSION</b>			
			<b>ADI-BADRI DAM</b> <b>SARASVATI RIVER REJUVENATION PROJECT</b>			
			<b>PLAN</b>			
PARTICULARS	DESIGNED	CHECKED	REVIEWED	APPROVED	DATE	
	VIVEK	RANDHIR	RANDHIR	ANIL JAIN		
DATE	DRAWN	INSPECTED	APPROVED	DATE		
	SANJEEV KUMAR	GHAN SHYAM	J. K. SINGH			
REV.	FILE NO.	NEW DELHI				
	12023/17/2020-CHDD(N&W)	OCTOBER, 2021				DRG 1.1 - Hk-13 SRP-S-2001

Full Title of the Project: Construction of Adi Badri Dam

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

Date of Proposal: 26.05.2022

## CHECK LIST SERIAL NUMBER-07

### STATEMENT SHOWING DETAILS OF FOREST AREA PROPOSED FOR DIVERSION

S.No	District	Division	Range/ Tehsil/ Village	Khasra/ Survey or Compartment Number of Km. Stone	Forest Area proposed for Diversion (Ha.)	Legal status of Forest Area	Remarks
1	2	3	4	5	6	7	8
1	Sirmaur	Nahan	Bheron & Matar (Nahan)	Unmeasured	30.64	RF	-
2	Sirmaur	Nahan	Matar	95/1	1.08	G.M Nadi	Possession under forest depart ment

*Kastaw*  
Sub Divisional Officer  
Saraswati Heritage Sub Division No. 2  
Jagadhri

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

Date:

Place:

Full Title of the Project: Construction of Adi Badri Dam

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

Date of Proposal: 26.05.2022

**CHECK LIST SERIAL NUMBER-08**

**STATEMENT SHOWING DETAILS OF NON FOREST AREA INVOLVED IN THE PROPOSAL**

S.No.	District	Division	Range/Tehsil /Village	Khasra/ Survey or Compartment Number of Km. Stone	Non Forest Area involved in the proposal (Ha.)	Present land Use	Remarks
1	2	3	4	5	6	7	8
1	Sirmaur	Nahan	Village Matar	96/1	0.67	Agricultural	----

*[Signature]*  
Sub Divisional Officer  
Saraswati Heritage Sub Division No. 2  
Jagadhri

Place :

Date :

*[Signature]*  
Signature of User Agency  
Office Seal  
Divisional Forest Officer,  
Nahan Forest Division,  
Nahan, H.P.

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

Certificate regarding Non-Availability of Non-Forest Land for construction of Aadi Badri Dam on Somb Nadi and its piped link to Sarswati Nadi and Sarswati reservoir with in the Jurisdiction of Nahan Forest Division District Sirmaur HP expect forest land 31.72 Hactare.

It is certified that there is no alternative suitable non forest land available for construction of Aadi Badri Dam on Somb Nadi and its piped link to Sarswati Nadi and Sarswati reservoir with in the Jurisdiction of Revenue village Matter / Bheron in respect of Forest land measuring (31.72 Hectare) Tehsil Nahan, District Sirmaur in jurisdiction of Nahan Forest Division.

  
District Collector,  
District Sirmaur at Nahan

No. Peshi-II-8(FRA)/2022- 0191  
Dated. 21 September, 2022 Nahan.  
The Executive Engineer,  
Sarswati Heritage, Division No. 1  
Jagadhari, District Yamunanagar  
Haryana.

Attested  
  
Sub Divisional Officer  
Sarswati Heritage Sub Division No. 2  
Jagadhri

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

## JUSTIFICATION FOR LOCATING ADI BADRI DAM ON FOREST LAND

Sarasvati River is known as the Holy River of India, as much as it has retained its sacred character right from the Rig Vedic age to the present day. The Sarasvati river system in the Vedic period includes the rivers like Ghaggar, Markanda, Chautang, Sutlej and Yamuna. From the studies by the various eminent researchers for the past several years now, it has been clear that Yamuna as well as Sutlej were tributaries of Sarasvati River. Around 3700 BC due to tectonic disturbances in the area, Yamuna Tributary of Sarasvati was diverted to its present course and Sutlej deflected to the west from Ropar later causing disappearance of mighty Sarasvati River. Tributaries of Sarasvati River have been captured by River Yamuna in the past the nearest tributary to River Sarasvati is Somb River.

Though Adi Badri is located on the bank of River Somb and it is believed that Sarasvati River originates at Adi Badri in the lower hills of Shivalik district Yamuna Nagar in Haryana at a distance of approximately one KM from interstate boundary of Himachal Pradesh. Besides it, the presence of Holy Sarasvati River in the ancient period is also proven from the revenue record available in districts Yamuna Nagar, Kurukshetra, Kaithal and other districts of Haryana state.

*Pilgrims from HP, Punjab, Haryana and other states often come at the originating place of Sarasvati River at Adi Badri for getting blessings of Holy Sarasvati River at its Udgam Sathal. Therefore, keeping in view the natural and international importance of River Sarasvati regarding heritage of the oldest civilization of the world which flourished along the bank of River Sarasvati Honorable Chief Minister Haryana in March 2015 has made an announcement for the construction of Adi Badri Dam and to rejuvenate the*

*Holy Sarasvati River, accordingly,* it was decided to prepare feasibility report for rejuvenation of River Sarasvati linking Somb River with Sarasvati River. In light of this, Haryana Irrigation and Water Resources Department (HIWR) vide its letter No. 6840-42/17AW dated 14.09.2015 entrusted the work of preparing Feasibility Report to WAPCOS for diverting water from Somb River by constructing Adi Badri Dam on River Somb to restore and rejuvenation the Sarasvati River. WAPCOS during its investigation found that the construction of Adi Badri Dam is feasible on the forest land proposed in the feasibility report and no other suitable site of non-forest land is available for construction of Adi Badri Dam for rejuvenation of Sarasvati River. Location of the dam site is just upstream of the originating spot of the Holy Sarasvati River from Adi Badri.

***“Deputy Commissioner, Sirmaur Himachal Pradesh has also issued certificate in this regard which has been uploaded in the column of additional documents”.***

The feasibility report of this project submitted by the WAPCOS was sent to the Central Water Commission (CWC), Chandigarh for the viability of the project. On the suggestion of the CWC the feasibility report was sent to the Geological Survey of India, regional office Chandigarh. Memorandum of understanding (MOU) was signed between Irrigation & Water Resources Department/HSHDB and Director, Geological survey of India regional office Chandigarh to check the feasibility of the project on the proposed location. As per Memorandum of understanding with GSI authorities, Geotechnical investigation/contour survey work @1m interval was completed under the supervision of GSI officer on the site

and it's upstream locations. The GSI officers after investigation has submitted their report and recommended to shift the dam axis 400 M upstream on the course of River Somb for better suitability of site and suggested/marked 5 No. drill holes on the contour survey sheet conducted in their presence for further soil investigation. (report and drill holes location has been uploaded as additional document column of form-A)


Besides it, Memorandum of understanding was also signed between Irrigation & Water Resources Department, HSHDB and National Institute of hydrology, Roorkee for investigation/vetting of the hydrology aspects of the project as reported by the WAPCOS in the feasibility report. The National institute of Hydrology, Roorkee has submitted its report ratified the hydrology aspects as proposed/reported by WAPCOS.

For perennial flow of water in the Sarasvati River from River Somb it is necessary that the location of the dam site must be just upstream of the originating spot/place of Holy Sarasvati River and there should be sufficient height of existing embankments on either sides of the submergence area for maximum storage of water for further supply in to the Sarasvati River. After investigation it has been found that the proposed location of the dam on forest land is the appropriate location in the light of geological, hydrological, economical, tourism and other engineering point of view. During investigation no other non-forest land was found suitable for fulfilling the geological, economical, tourism and other engineering aspects for the construction of Adi Badri Dam,

"Deputy Commissioner, Sirmaur HP has issued certificate in this regard which has been uploaded in the column of additional documents". Besides it Himachal Pradesh Govt. has also already issued NOC in principle for this project and both the documents has been uploaded in the forest clearance Form-A as additional documents. All other related departments of Himachal Pradesh Government has also issued No Objection Certificates for construction of Adi Badri Dam on location of the proposed forest land and submitted their DPRs for inclusion in the final DPR of the proposed project.

The project stands approved in the Governing body meeting of the Haryana Sarasvati Heritage development Board on dated 02.01.2019 held under the chairmanship of Honorable Chairman-Cum- Chief Minister Haryana, therefore, keeping in view of the investigations of WAPCOS, Geological Survey of India and National Institute of Hydrology Roorkee, Irrigation & Water Resources Department and Haryana Sarasvati Heritage Development Board has found that no other land either forest or non-forest land is suitable and appropriate for the construction of Adi Badri Dam for the rejuvenation of the Holy Sarasvati River other than the proposed forest land and accordingly, based on the investigations made by the Geological survey of India, National Institute of Hydrology and reports of other technical experts, Irrigation & Water Resources Department Haryana has proposed to construct Adi Badri Dam on the selected forest land.

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

  
Sub Divisional Officer  
SARASVATI HERITAGE  
Sub Divn. No. 8 Jagadhri

  
Sub Divisional Officer  
Sarasvati Heritage Sub Division No. 2  
Jagadhri

  
Executive Engineer,  
Sarasvati Heritage Division No. 1  
Jagadhri

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

Full Title of the Project: Construction of Adi Badri Dam  
File No: FP/HP/IRRIG/155846/2022  
Date of Proposal: 26.05.2022

**CHECK LIST SERIAL NUMBER-11**

**CERTIFICATE FOR MINIMUM USE OF FOREST LAND**

This is to certify that the forest area involved in the proposal unavoidable and barest minimum forest area i.e. 31.72 ha area is proposed diversion.

*Ashtaw*  
Sub Divisional Officer  
Sarasvati Heritage Sub Division No. 2  
Jagadhri

Place :

Signature of User Agency  
Office Seal

Date :

*Souabh*  
Divisional Officer,  
Nahan Forest Division,  
Nahan, HP  
Office Seal

Full Title of the Project: Construction of Adi Badri Dam  
File No: FP/HP/IRRIG/155846/2022  
Date of Proposal: 26.05.2022

## UNDERTAKING FOR PAYMENT OF COST OF COMPENSATORY AFFORESTATION

I Sub Divisional Officer, Sarasvati Heritage Sub Division No.1, Jagadhri hereby, undertake to pay the entire amount for compensatory afforestation in lieu of the forest area diverted for Construction of Adi Badri Dam as per prevailing wage rates at the time of plantation.

  
Sub Divisional Officer  
Sarasvati Heritage Sub Division No. 2  
Jagadhri

Place:

Signature of User Agency  
Office Seal

Date:

Counter signed by :-

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

Full Title of the Project: Construction of Adi Badri Dam

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

Date of Proposal: 26.05.2022

**CHECK LIST SERIAL NUMBER-13**

**UNDERTAKING FOR PAYMENT OF NET PRESENT VALUE OF  
FOREST AREA**

It is to certify that I Sub Divisional Officer, Sarasvati Heritage Sub Division No.1, Jagadhri have applied for diversion of 31.72 ha. of forest area for the purpose of Construction of Adi Badri.

I hereby, undertake to pay the net present value(NPV) of the above forest land. I also hereby undertake to pay the additional amount of NPV, if so determined as per the decision of the Hon'ble Supreme Court.

  
Sub Divisional Officer  
Sarasvati Heritage Sub Division No. 2  
Jagadhri

Place :

Signature of User Agency  
Office Seal

Date :

Counter signed by :-

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

## UNDERTAKING FOR PAYMENT OF ADDITIONAL NET PRESENT VALUE OF FOREST AREA

It is to certify that I Sub Divisional Officer, Sarasvati 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 of Somb Nadi and its piped link to Sarasvati River and Sarasvati Reservoir.

I hereby undertake to pay the additional amount of NPV, if so determined as per the decision of the Hon'ble Supreme Court.

Place:  
Date:

*[Signature]*  
Sub Divisional Officer,  
S. H. S/Division No.2,  
Jagadhri  
Sub Divisional Officer  
Sarasvati Heritage Sub Division No. 2  
Jagadhri

*Attested*  
*[Signature]*  
Sub Divisional Officer  
Sarasvati Heritage Sub Division No. 2  
Jagadhri

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

**CALCULATION OF NET PRESENT VALUE (NPV) OF CONSTRUCTION OF ADI BADRI DAM DISTRICT SIRMOUR, H.P.**

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.9/40 0)	Eco Class	Rate applicable	Amount (NPV) in Rs. (Col.3* Col.12)
	2	3	4	5	6	7	8	9	10	11	12	13
Nahan	1	31.72	5172	843	4329	2165	3008	94.82	0.2	V	1005210	31885261/-

Date:-

Place: Nahan.

*Sarabjot*

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 Sorb 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.

*Sowabh*  
Divisional Forest Officer  
Nahan, Distt Sirmaur.

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

No. Peshi-II-8(FRA)/2022-0192  
Dated. 21 September, 2022 Nahan.  
The Executive Engineer,  
Sarswati Heritage. Division No. 1  
Jagadhari, District Yamunanagar  
Haryana.

*Atsted*  
*[Signature]*  
Sub Divisional Officer  
Sarswati Heritage Sub Division No. 2  
Jagadhri

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

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

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 of forest land in favor of Executive Engineer Saraswati Heritage Division No-1 Jagadhari District Yamuna Nagar (Haryana) for the construction of Aadi Badri Dam on Somb Nadi and its pipe link to Saraswati Nadi and Saraswati 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 Uttarakhand 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

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

Certificate of Non-Availability of non forest land for compensatory Afforestation 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 measuring (31.72 Hectare.)


I, Ram Kumar Gautam, IAS, District Collector, District Sirmaur, H.P. do hereby certify that:

- (i) I have obtained record from Sub Divisional Collector, Nahan in the District Sirmaur, a joint certificate to the effect that non-forest land revenue lands, zudpi jungle, chhote jhar ka jungle, bade jhar ka jungle, jungle-jhari land, civil soyam lands and all other such categories of forest lands (except the forest land under management and administrative control of the Forest Department) on which the provisions of Forest (Conservation) Act, 1980 are applicable, which as per the extant guidelines of the Central Government may be utilized for creation of compensatory afforestation in lieu of forest land diverted for non-forest purpose are not available in the area under their respective jurisdiction, and
- (ii) I have also examined all other relevant records. On the basis of afore-mentioned joint certificates and examination of all other relevant records, I do hereby certify that non-forest land, revenue lands, zudpi jungle, chhote jhar ka jungle, bade jhar ka jungle, jungle-jhari land, civil-soyam lands and all other such categories of forest lands (except the forest land under management and administrative control of the Forest Department) on which the provisions of Forest (Conservation) Act, 1980 are applicable, which as per the extant guidelines of the Central Government may be utilized for creation of compensatory afforestation in lieu of forest land diverted for non-forest purpose are not available in the entire concerned area Tehsil Nahan, Distt. Sirmaur, H.P.

Issued under by hand and seal on this 20<sup>th</sup> day of September, 2022.

  
20/9/22

District Collector,  
District Sirmaur at Nahan

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

**Species wise/Class wise consolidated abstract of enumeration trees in Aadi Badri Project Acquire in Nahana Range  
& Kolar Range on Nahana Forest Division.**

Sr. No.	Botanical Name	Species	Classification of trees										Total	Volume
			V	IV	III	IIA	IIB	IA	IB	IC	ID			
1	Shorea robusta	Sal	391	196	102	47	9	6	2	0	1	754	359.477	
2	Terminalia myriocarpa	Sain	506	230	102	65	17	4	0	0	0	924	418.98	
3	Pinus roxburghii	Chil	34	30	18	10	6	1	1	0	1	101	65.1751	
4	Other Terminalia	Kokat	2053	743	253	70	27	9	3	0	3	3161	516.517	
5	belerica	Behra	0	4	4	2	0	0	0	0	0	10	8.352	
6	other Syzygium	Bargad	1	2	0	0	0	0	0	0	0	3	0.432	
7	curmini Acacia	Jamun	25	11	2	0	0	0	0	0	0	38	8.903	
8	catechu	Khair	42	61	59	14	4	1	0	0	0	181	57.174	
<b>G.Total</b>			<b>3052</b>	<b>1277</b>	<b>540</b>	<b>208</b>	<b>63</b>	<b>21</b>	<b>6</b>	<b>0</b>	<b>5</b>	<b>5172</b>	<b>1435.01</b>	

  
 Divisional Forest Officer,  
 Nahana Forest Division, Nahana.

Species wise/ Class wise abstract of enumeration of trees in Aadi Badri Dam acquire in Nahan & Kolar Range FRL-2mtr .													
Sr. No.	Species	Classification of trees.										Total	Volume
		/10-20	20-30	30-40	40-50	50-60	60-70	70-80	80-90	90-100	ID & Over		
		V IV	III	IIA	IIB	IA	IB	IC	ID	Over			
1	Khair	9	2	2	0	0	0	0	0	0	0	13	2.115
2	Sal	29	21	18	10	2	0	1	0	0	0	81	47.382
3	sain	34	33	14	4	3	0	0	0	0	0	88	35.322
4	Kokat	114	54	18	5	3	1	0	0	0	0	195	36.02
5	Chil	6	1	3	1	1	0	1	0	0	0	13	10.9944
	<b>Total</b>	<b>192</b>	<b>111</b>	<b>55</b>	<b>20</b>	<b>9</b>	<b>1</b>	<b>1</b>	<b>2</b>	<b>0</b>	<b>0</b>	<b>390</b>	<b>131.8334</b>

Specieswise/ class wise abstract of enumeration of tree in Aadi Badri Dam acquire in Kolar & Nahana Range FRL-4mtr. (2mtr-4mtr).

Sr. No.	Species	Classification of trees.										Total	Volume
		/10-20	20-30	30-40	40-50	50-60	60-70	70-80	80-90	90-100	ID		
		V IV	III	IIA	IIB	IA	IB	ID					
1	Khair	17	4	2	0	0	0	0	0	0	0	23	3.311
2	Sal	64	43	30	11	3	0	1	0	0	0	152	74.52
3	sain	65	53	24	11	3	1	1	0	0	0	158	71.933
4	Kokat	192	76	31	9	3	0	0	0	0	0	311	53.149
5	Chil	7	2	5	1	1	0	1	0	0	0	17	11.7945
	<b>Total</b>	<b>345</b>	<b>178</b>	<b>92</b>	<b>32</b>	<b>10</b>	<b>1</b>	<b>3</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>661</b>	<b>214.7075</b>

Divisional Forest Officer,  
Nahan Forest Division, Nahana

*Saravalli*

Abstract of Cost of trees involved in the Aadi Badri Dam Project with in the Jurisdiction of Nahana Forest Division.

Sr. No.	Species	Total	Volume	Market rates of green standing trees for the year 2022-23	Total
1	Sal	754	359.477	49867	17926039.56
2	Sain	924	418.98	24904	10434277.92
3	Chil	101	65.1751	41976	2735789.998
4	Kokat	3161	516.517	12246	6325267.182
5	Behra	10	8.352	12246	102278.592
6	Bargad	3	0.432	12246	5290.272
7	Jamun	38	8.903	4256	37891.168
8	Khair	181	57.174	139145	7955476.23
<b>G.Total</b>		<b>5172</b>	<b>1435.0101</b>		<b>45522310.92</b>

Date 16/1/23  
 Purna Mishra

Divisional Forest Officer  
 Nahana Forest Division, Nahana  


**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. ( )**

*(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 for Approval

Place: .Nahan

Date:- 16-2-2023

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

**Full Title of the Project:-- Construction of Adi Badri Dam**  
**File No.**  
**Date of Proposal:**

**CHECK LIST SERIAL NUMBER: 17**  
**LOCATION MAP**

Location Map of Non forest /Degraded Forest Area identified for Compensatory Afforestation in lieu of proposed for diversion of 31.72 hect. of forest land for construction of Adi Badri Dam Tehsil, Nahan, District, Sirmour H.P.

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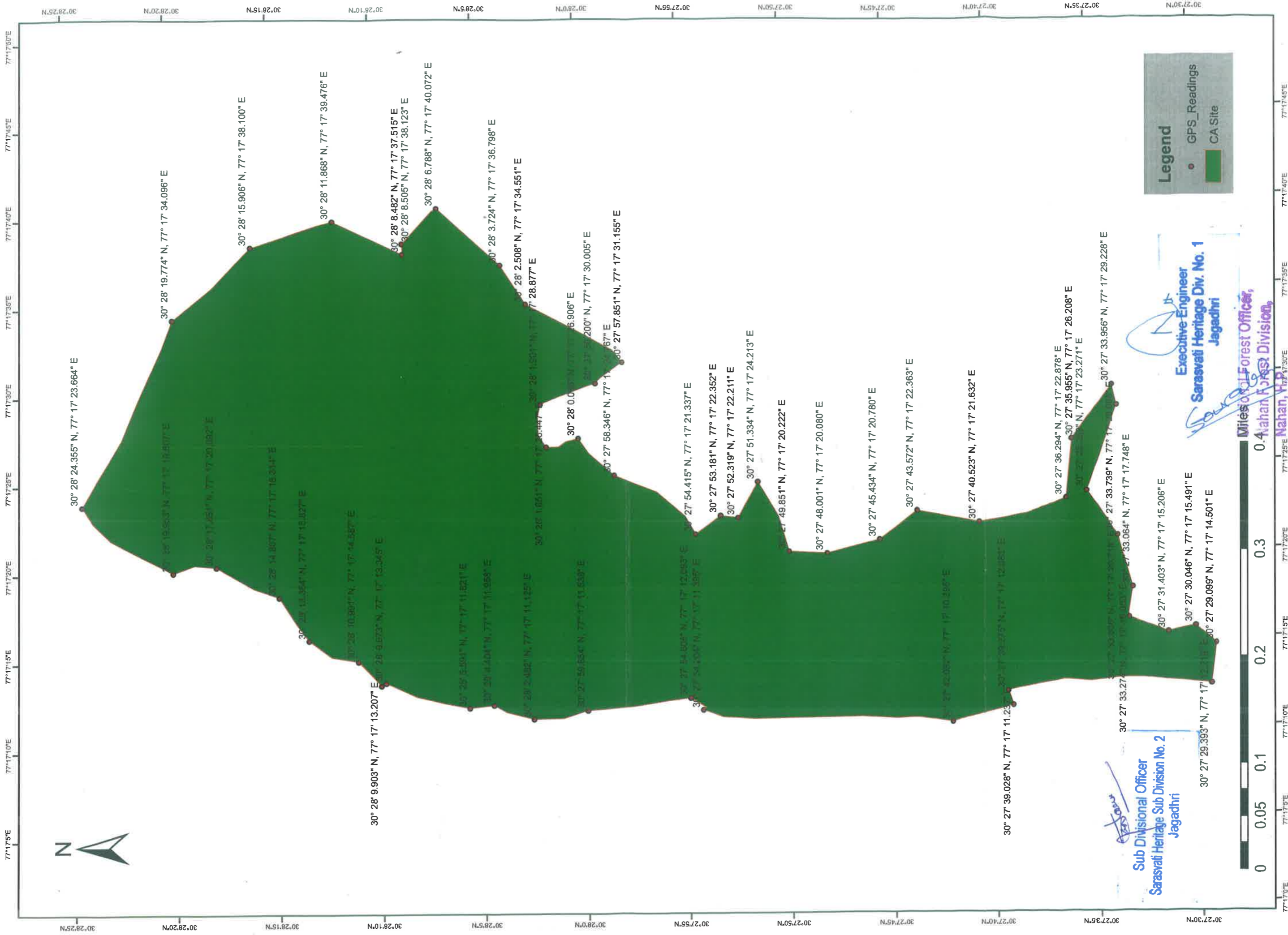
Village Sangholi , Tehsil Nahan, District Sirmour, Forest Division Nahan, Forest Range Todarpur Block of Todarpur Beat No./Compartment No./Survey NO. RF Sangholi C-3 , Survey Sheet- H43L7 **Area to be afforested 63.44 ha.**

---

Map attached of the area to be taken for Compensatory Afforestation.

  
Divisional Forest Officer,  
Nahan Forest Division,  
Nahan (HP).

DGPS Map of CA Site - RF SANGHOLI C-3 =64.93 HA.CT.kml



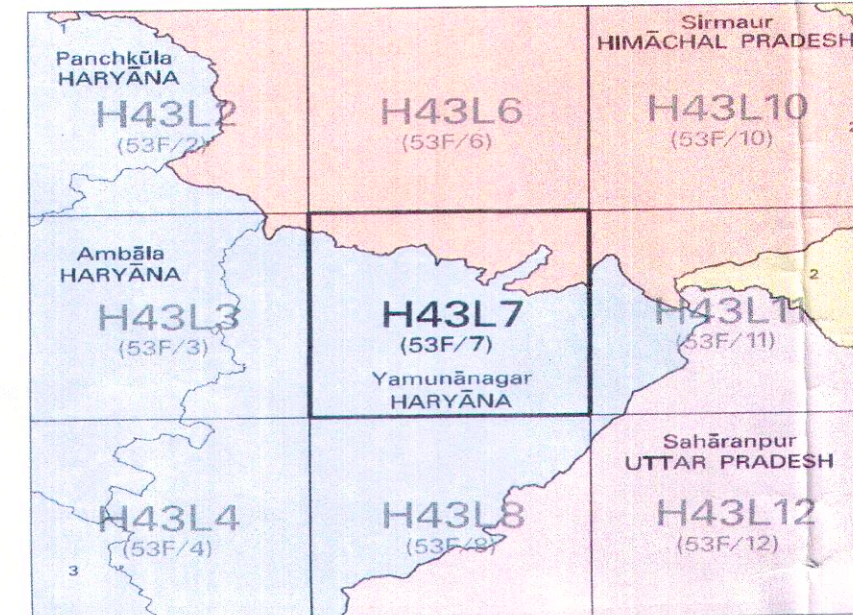


निर्यात के लिए नहीं NOT FOR EXPORT

OPEN SERIES MAP

No. H43L7

Scale 1:50,000



1 Solan, HIMACHAL PRADESH.  
2 Dehra Dun, UTTARAKHAND.  
3 Kurukshetra, HARYANA.

भारतीय सर्वेक्षण विभाग

SURVEY OF INDIA

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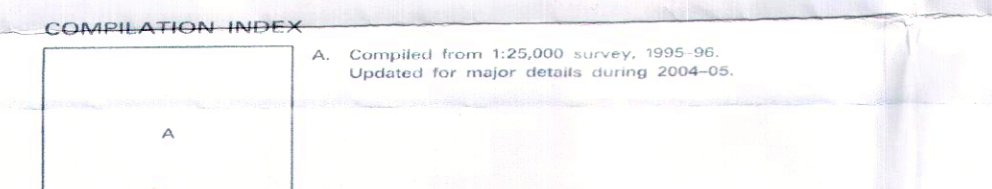
Price : Rs. 50/-

CONVENTIONAL SYMBOLS

- Express highway with toll, with bridge, with distance stone
Roads metalled according to importance
Roads, double carriage way, according to importance
Unmetalled road, cart-track, pack-track and pass, foot-path
Streams with track in bed, undefined, canal
Dams: masonry or rock faced, earthenwork, weir
River: dry with water channel, with island & rocks, tidal river
Silt-merged rocks, Shoal, Swamp, Reservoir
Wells: lined, unlined, tube-well, Spring, Tanks: perennial, dry
Embankments: road or rail, tanks, broken ground
Railways, broad gauge: double, single with distance stone, do.
Railways, other gauges: double, single with distance stone, do.
Mineral line or tramway, Kin, Cutting with tunnel
Contours with sub-features. Rocky slopes, Cliffs
Sand features: dune, dune-ridge, dune-crest, dune-saddle, dune-back
Towers or villages: isolated, deserted, Fort
Hut: permanent, temporary, Tower, Antiquities
Temple, Chhatra, Church, Mosque, Ghat, Tomb, Graves
Lighthouse, Lightship, Buoy: lighted, unlighted, Anchorage
Mine: Vise on trails, Grass, Scrub
Palms: palmry; other: Plantain, Conifer, Bamboo, Other trees
Areas: cultivated, wooded, Surveyed tree
Boundary, International
state: demarcated; undemarcated
district, subdivision; taluk or tehsil; forest
Boundary Pillars: surveyed, unlocated
Height, triangulated; station; peak; approximate
Bench-mark: geodesic; tertiary; canal
Post office, Telegraph office, Overhead tank
Rest House or Inspection Bungalow, Carriew House, Police Station
Camping ground, Forest: reserved, protected
Special names: administrative, locality or tribal
Hospital, Dispensary, Veterinary, Hospital / Dispensary
Aerodrome, Helipad, Tourist site
Power line with pylons surveyed, with poles unsurveyed

REFERENCE

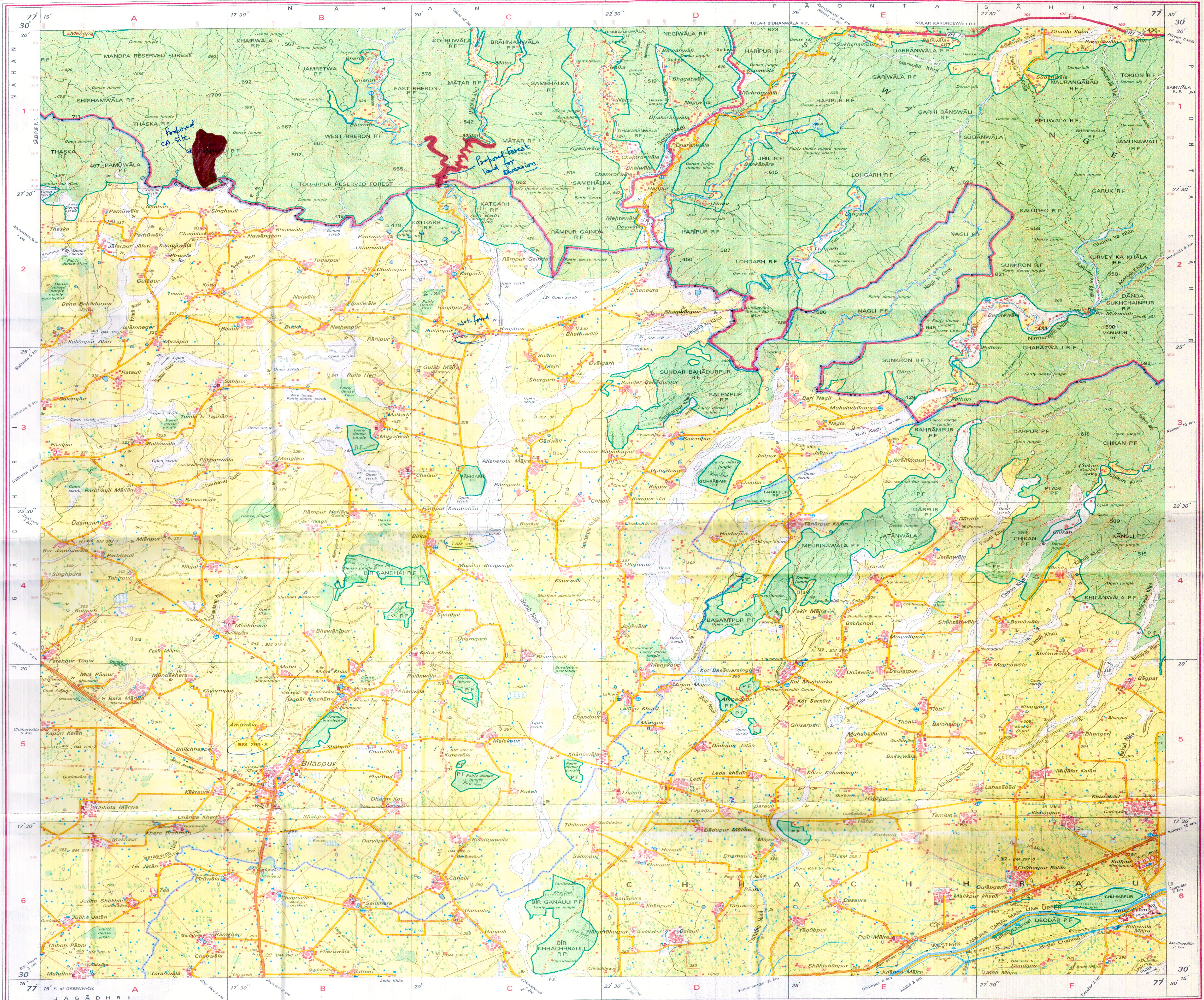
NH 72 National Highway No. 72
NOTES
Contours are spot-readings.
Height is in metres and above Indian mean sea level.
Canal distance stones are 1000 feet apart and every 5th stone is shown.
The spot-readings of areas of Reserved or Protected Forests are shown by green shading.
A relative height, or, represent the approximate height, in metres, between the top and bottom of a steep slope.
Contour interval in this sheet is 10 metres in plains and 20 metres above 400 metres in hills.
3,000 acre triangulation stations of Bihar Dam Project Survey, based on origin 30° 00' N, 75° 15' E with their numbers are shown as tertiary benchmarks thus: 122, BM 201-1.



Projection - UTM Datum - WGS 84
Magnetic Variation from True North about 1° East in 2005.
Increasing by about 1' annually.
Scale 1:50,000
CONTOUR INTERVAL 10/20 METRES

For further details about this map, please contact
Director
Himachal Pradesh Geo-Spatial Data Centre
Survey of India, Sector 32 A
Chandigarh.
Fax : 0172 - 2613398

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REG. No. - WPD D 09 (HP) (DC)-1:50,000-
भारत के महासर्वेचक के निदेशन में प्रकाशित,
Published in the direction of Surveyor General of India,
Survey of India, Hoshiarpur, Post Box No. 37, Dehra Dun - 248001 (Uttarakhand),
Department of Science & Technology, Government of India.

Sub Divisional Officer
Sarawati Heritage Sub Division No. 2
Jagadhri
Executive Engineer
Sarawati Heritage Division No. 1
Jagadhri

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

### CHECK LIST SERIAL NUMBER-18 "SCHEME FOR COMPENSATORYAFFORESTATION"

Detailed Scheme for Compensatory Afforestation to be carried out in lieu of 63.44ha, 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: 20**

**LAND SUITABILITY CERTIFICATE BY THE DFO.**

This is to certify that 63.44 hect. land bearing Survey No. H43L7 compartment No. RF Sangholi C-3, Toderpur Beat of Toderpur Block of Nahan Range, of Nahan Forest Division, Tehsil Nahan, District Sirmour, H.P. identified for Compensatory Afforestation is suitable for undertaking plantation from the management point of view is free from all sorts of encumbrances and encroachments.

Date: 16-2-2023

Place:Nahan.

  
Divisional Forest Officer,  
Nahan Forest Division,  
Nahan (HP).

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

**Aerial Distance Certificate.**

Certificate that the aerial distance from the nearest National Park/Sanctuaries i.e. Col. Sher Jun National Park Simbalwala = 19kms., Renuka Ji wild life Sanctuarie park =18.50kms. & Kaleser Wild Life Sanctuary is more than 25 Kms from the proposed site of construction of Adi Badri Dam within the Jurisdiction of Nahan Forest Division, Nahan , Tehsil, Nahan, Distt. Sirmour H.P.  
Dated 16.02.2023.

Place- Nahan



Divisional Forest Officer  
Nahan Forest Division, Nahan.

**Full Title of Project:** - Construction of Adi Badri Dam on Somb Nadi and its piped link to Sarasvati Nadi and Sarasvati Reservoir

**File No:** - \_\_\_\_\_

**Date of Proposal:** - \_\_\_\_\_

**Check List No. 29**

**Cost Benefit Analysis Calculations**

**Table 1: Estimation of Cost for Cost Benefit Analysis**

Sl.	Particulars	MoEF Guidelines	Reserve forest compensation (In Rs. Lakhs)
1	Ecosystem services losses due to proposed forest diversion	Economic value of loss of ecosystem services due to diversion of forests shall be the net present value (NPV) of the forest land being diverted. <b>Calculation attached as annexure-A</b>	318.85
2	Loss of animal husbandry productivity, including loss of fodder	To be quantified and expressed in monetary terms or 10% of NPV applicable whichever is maximum. <b>Calculation attached as annexure-B</b>	30.64
3	Cost of human settlement	To be quantified and expressed in monetary terms as per approved R&R plan.	200.00
4	Loss of public facilities and administrative infrastructure (Roads, buildings, schools, dispensaries, electric lines, railways, etc.) on forest land, which would require forest land if these facilities were diverted due to the project	To be quantified and expressed in monetary terms on actual cost basis at the time of diversion.	Nil
5	Possession value of forest land diverted	30% environmental cost (NPV) due to loss of forest.	91.4
6	Cost of suffering of oustees	The social cost of rehabilitation of oustees ( in addition to the cost likely to be incurred in providing residence, occupation and social services as per R&R plan) be worked out as 1.5 times of what oustees should have earned in two years had not been shifted.	Nil
7	Habitat fragmentation cost	50% of NPV applicable as per thumb rule	153.24
8	Compensatory afforestation and soil & moisture conservation cost	The actual cost of compensatory afforestation and soil moisture conservation and its maintenance in future at present discounted value.	97.61
<b>Total</b>			<b>891.75</b>

Full Title of the Project: Construction of Adi Badri Dam  
 File No: FP/HP/IRRIG/155846/2022  
 Date of Proposal: 26.05.2022

Table 2: Estimating benefits of forest diversion in CBA

S. No.	Parameters	MoEF Guidelines	Descriptions	Cost (In Rs. Lakhs)
1.	Increase in productivity attributable to the specific project	To be quantified and expressed in monetary terms avoiding double counting.	Due to lack of irrigation facilities in the area, farmers are unable to grow good crops in a scientific manner. With the ground water recharge due to proposed project, the farmers can grow rotational crops which will improve their income and overall economic growth of the area. Thus, had the water available from this project been used for irrigation, it would have been very beneficial. This comes out to be Rs. 467.51 Lakhs.  <b>Calculation attached as annexure-c</b>	467.51
2.	Benefits of economy due to specific project	The incremental economic benefit in monetary terms due to the activities attributed to the specific project.	The overall output of the business established in the vicinity of the area will be increased as the project will attract tourism. The area will be developed by tourism department by providing tourist attraction for wild life, picnic spots, gardens etc. This place will be of great tourist attraction as the area is very near to Kapal Mochan-tirath. Increase in productivity with respect to tourism. Increase in District GDP/per capita income <sup>1</sup> would be a direct indicator for benefit to the economy. This comes to Rs.4258 lakhs at 8% NPV rates.  <b>Calculation attached as annexure-D</b>	4258.00
3.	No. of population benefited due to specific project	As per DPR	Nil	Nil

**Full Title of Project: - Construction of Adi Badri Dam on Somb Nadi and its piped link to Sarasvati Nadi and Sarasvati Reservoir**

**File No: - \_\_\_\_\_**

**Date of Proposal: - \_\_\_\_\_**

4.	Economic benefits due to direct and indirect employment due to the project	As per DPR	200 employees during the construction phase will be employed for a period of two years. During the construction period approx. 120000 man-days will be generated and after the construction indirect employment will be generated due to development of shops along the project road. 120000 man-days will be benefitted in terms of salary and wages @ Rs.500/day = Rs. 600lakhs	600.00
5.	Economic benefits due to Compensatory afforestation	Benefits from such Compensatory afforestation accruing over next 50 years monetized and discounted to the present value should be included as benefits of the compensatory afforestation for benefits of CA the guidelines of the ministry for NPV estimation may be consulted.	Considering the total forest diverted area for CA i.e. 31.72 ha and the NPV of forest the total Economic benefit would be Rs.489.66 Lakhs once the total CA is done and similar benefits are accrued as in forest areas.  As provided by forest department.	489.66
			<b>Total</b>	<b>5815.17</b>

**Table 3: Benefit/Cost Ratio**

Total Benefit	5815.17
Total Cost	891.75
<b>Benefit/Cost Ratio</b>	<b>6.52</b>

*[Signature]*  
**Sub Divisional Officer**  
**Sarasvati Heritage Sub Division No. 2**  
**Jagadhri**

*[Signature]*  
**Divisional Forest Officer,**  
**Nahan Forest Division,**  
**Nahan, H.P.**

**Full Title of Project:** - Construction of Adi Badri Dam on Somb Nadi and its piped link to Sarasvati Nadi and Sarasvati Reservoir

**File No:** - \_\_\_\_\_

**Date of Proposal:** - \_\_\_\_\_

### Annexure-A

**Calculation of NPV:-**

Forest Land	31.72 Ha
Eco class of the forest	Class V
NPV rate of Class V Forest	1005210/- per hectare
NPV value of Forest Land	31.72x1005210= Rs. 31885261/-

### Annexure-B

**Loss of animal husbandry productivity, including loss of fodder is maximum of followings:-**

1. 10 % of NPV = 30.64 lacs

2. Quantified in monetary terms:-

Surface forest land	31.72 ha
Forest cover	Sub Tropical Broad Leaved Hill Forest
Eco-Class of the forest	Class-V
Rate of fodder production	Rs. 4514/ha/yr
Economic value of fodder production.	4515x31.72=143216

**Loss of animal husbandry productivity, including loss of fodder is 30.64 lacs.**

*[Signature]*  
Sub Divisional Officer  
Sarasvati Heritage Sub Division No. 2  
Jagadhri

*[Signature]*  
Divisional Forest Officer,  
Nahan Forest Division,  
Nahan, H.P.

Full Title of the Project: Construction of Adi Badri Dam

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

Date of Proposal: 26.05.2022

### Annexure-C

YEAR	Production (GDP Per capita in Sirmaur District of HP)
2018	33982.00
2019	34661.64
2020	35354.87
2021	36061.97
2022	36783.21
2023	37518.87
2024	38269.25
2025	39034.64
2026	39815.33
2027	40611.64
2028	41423.87
2029	42252.35
2030	43097.39
2031	43959.34
2032	44838.53
2033	45735.30
2034	46650.00
2035	47583.00
2036	48534.66
2037	49505.36
2038	50495.46
<b>8% of GDP Per capita in Sirmaur District of HP</b>	<b>4258.40</b> <b>Cost (In Rs. Lakhs)</b>

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

**Full Title of the Project: Construction of Adi Badri Dam**  
**File No: FP/HP/IRRIG/155846/2022**  
**Date of Proposal: 26.05.2022**

## **Annexure-D**

**Notional Irrigation Benefits have been worked out as under:**

Net usable water during depletion period (at 50% dependability) from the water stored in the AdiBadri Dam Reservoir and AdiBadri Dam water stored in the spare capacity of Sarasvati Reservoir = 767.13 ha-m

Let notionally 1/3rd of water is used in Kharif and 2/3rd in Rabi crop.

Therefore water used for Rabi Crops =  $767.13 \times \frac{2}{3} = 511.42$  ha-m

### **Rabi Discharge:-**

Thus available water for Rabi crops = 511.42 ha-m =  $511.42 \text{ ha-m} \times 4.087 \text{ CS} - \text{days}$

= 2090.17 CS- Days

No. of full supply days for Rabi = 67

One CS of water when runs for 67 days, it can irrigate  $(1000/2.4) \times 0.62 \times 0.60 = 155$  Acre Rabi Crop

Thus 67 Cs-day water can irrigate 155 Acre Rabi Crop

Total water in Rabi season = 2090.17 CS- Days

Thus net Notional Rabi irrigation =  $(2090.17 \times 155)/67 = 4835.5$  Acre or 1957 Ha

It is propose to achieve 100% notional irrigation in Rabi.

Thus CCA =  $1957 \times 100/100 = 1957$  Ha

Rabi crop benefits = Rs. 20498 / ha (Figure agreed by NABARD for NABARD Financial Projects)

Total Rabi crop Notional Irrigation benefits =  $20498 \times 1957 = 395.27$  Lacs

### **Kharif crops:**

Water proposed to be notionally

Used in Kharif season =  $767.13 - 511.42 = 255.71$  Ha-m

Thus availability of water for Kharif =  $255.71 \times 4.087 = 1045$  CS-Days

No. of full supply days for Kharif period = 95 days

Kharif Discharge =  $1045/95 = 11$  CS

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

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

**Date of Proposal: 26.05.2022**

One Cusec can irrigate =  $(1000/2.4) \times 0.62 \times 0.40 = 103.3$  Acres

Therefore possible Notional irrigation in Kharif =  $11 \times 103.3 = 1136.3$  Acres or 460 Ha

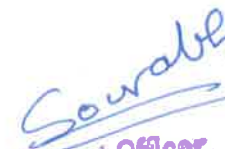
Intensity of irrigation =  $(460/1957) \times 100 = 23.5\%$

Net Kharif Benefits = Rs. 15704 per Ha

Total Notional Kharif Benefits =  $15704 \times 460 = 72,23,840$  say 72.24 Lakhs

**Total Notional Irrigation Benefits = 395.27 + 72.24 = 467.51 Lakhs**

  
Sub Divisional Officer  
Saraswati Heritage Sub Division No. 2  
Jagadhri

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

# कार्यालय ग्राम पंचायत मात्तर

विकास खण्ड नाहन, जिला शिमौर (हि०प्र०)

क्रमांक .....

दिनांक .....

नकल प्रस्ताव संख्या XII जो कि दिनांक 02.10.2017 को ग्राम पंचायत/ मात्तर की मासिक/ग्राम सभा/ विशेष बैठक में प्रधान/उप-प्रधान श्री/श्रीमती अनापति अनापति की अध्यक्षता में उपस्थित 18/10/17 पंनों, सदस्यों द्वारा निम्न कार्यवाही अगल में लाई गई।

कोर्म : .....

विषय :- आदिवासी डैम निर्माण हेतु N.O.C. जारी :-

कोरम में

सर्वसम्मति से पारित किया गया कि ग्राम सभा आदिवासी डैम के निर्माण में दौरान जो पेड़ काटे जाएंगे उनका वी.डी ग्राम पंचायत क्षेत्र में रह रहे लोगों को दी जाए तथा ग्राम सभा द्वारा डैम निर्माण हेतु अनापति जारी भी उत्सव पारित किया गया यह भी पारित किया गया कि इस डैम से जो पारित उमानित होंगे इनमें उत्सव पारित के एक सदस्य को डैम में नौकरी दी जाए।


अतः ग्राम सभा इस उत्सव में माध्यम से आदिवासी डैम निर्माण हेतु अनापति उमान पत्र जारी करती है/उत्सव सर्वसम्मति से पारित किया गया।

Attended

  
Sub Divisional Officer  
Saraswati Heritage Sub Division No. 2  
Jagadhri



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

  
उत्सव हेतु

दिनांक 02/10/2017  
विकास खण्ड नाहन  
जिला शिमौर

वन विभाग, हरियाणा सरकार

कार्यालय प्रमुख वन्य प्राणी वार्डन, हरियाणा

महोदय का पता: पं. व. पंचकूला, पंचकूला, हरियाणा। E-mail: panchkula@panchkula.com

क्रमांक 2243

दिनांक 28/08/2018

सर्व म

Executive Engineer,  
Saraswati Heritage Division No. 1,  
Jagadhri, Haryana.

विषय: Regarding of issuance of NOC for the Construction of Adi Badri Dam  
on Somb Nadi and its piped link to Saraswati reserve district Yamuna  
Nagar.  
संदर्भ: आपका पत्र क्रमांक 2243-45 दिनांक 28.08.2018।

—000—

उपरोक्त विषय के सम्बन्ध में आप द्वारा Adi Badri Dam पर जो पाईपलाईन  
बिछाई जानी है। वह कलेसर राष्ट्रीय उद्यान व वन्य प्राणी विहार से लगभग 8529 किलोमीटर  
की दूरी पर है। प्रस्तावित प्रोजेक्ट जहाँ पर बनाया जाना है वहाँ ना तो पानी वन्य प्राणी विहार  
में आता है ना जाता है। वन संरक्षक (वन्य प्राणी), पंचकूला की रिपोर्ट के आधार पर आपको  
NOC प्रदान की जाती है।

*[Signature]*  
प्रमुख वन्य प्राणी वार्डन,  
मुख्य वन्य प्राणी वार्डन,  
हरियाणा, पंचकूला।

*[Signature]*

*[Signature]*  
Sub Divisional Officer  
Saraswati Heritage Sub Division No. 2  
Jagadhri

*[Signature]*  
Divisional Forest Officer,  
Nahan Forest Division,  
Nahan, h.P.

No. 2962  
IIP Forest Department

Dated, Nahan, the, 14/8/18

From

Divisional Forest Officer,  
Nahan Forest Division, Nahan (IIP)

To:

Executive Engineer,  
Saraswati Heritage Division No 1  
Jagadhari (IIP)

Subject:-

Regarding No Objection certificate in respect of  
Adi Badri dam.

Sir,

Kindly refer to your office letter No. 2292-

93/1W/ABD Dated 06<sup>th</sup> August, 2018 on the subject cited above.

In this regard, it is intimated that the actual distance of  
the proposed Adi Badri Dam site from the Simbalbara wild life sanctuary is 10.12 Km. It is  
also convey that No objection certificate for wild life clearance can be obtained for the  
nearest sanctuary only.

This is for favor of information and further necessary  
action at your end, please.

Divisional Forest Officer,  
Nahan Forest Division, Nahan (IIP)

Saraswati Heritage Divn. No. 1 Jagadhari	
Dairy No.....	1081
Case No.....	1-10 A.B.D.
Date.....	24/8/2018
D.S./D.H./D.A.O.	
Xen Saraswati Heritage Divn. No. 1	
JAGADHARI	

D.H.D.  
Xen/1081  
24/8

No 2599 /1W/ABD/FC/WL  
Copy of above is forwarded to SDO, Sub Divn No 2, Jagadhari  
for information & n/action

Dated 31/8/2018

Executive Engineer  
Saraswati Heritage Divn. No. 1  
JAGADHARI

Attended

Sub Divisional Officer  
Saraswati Heritage Sub Division No. 2  
Jagadhari

See  
500

AED/PC.

Affidavit



Indian-Non Judicial Stamp  
Haryana Government



Date : 17/01/2022

Certificate No. P0Q2022A54



Stamp Duty Paid : ₹ 101

(Rs. Only)

GRN No. 86376365



Penalty : ₹ 0

(Rs. Zero Only)

Deponent

Name : Chief Secretary to Govt. of Haryana

H.No/Floor : Na

Sector/Ward : Na

Landmark : Chandigarh

City/Village : Chandigarh

District : Chandigarh

State : Chandigarh

Phone : 94\*\*\*\*\*81

Others: Chief Secretary to Govt. of Himachal Pradesh



Purpose : M O U to be submitted at Concerned

The authenticity of this document can be verified by scanning this QR Code Through smart phone or on the website <https://egrashry.nic.in>

**MoU between Government of Haryana and Government of Himachal Pradesh relating to the construction of Adi Badri Dam on River Somb & its linkage with Sarasvati river.**

This MoU made on this 21<sup>st</sup> day of JAN, 2022, between the Governor of Haryana through Chief Secretary (hereinafter called the Government of Haryana, which expression unless repugnant to the context of meaning thereof, shall include its successors or permitted assigns) of the first part.

The Governor of Himachal Pradesh through Chief Secretary (hereinafter called the Government of Himachal Pradesh, which expression unless repugnant to the context of meaning thereof, shall include its successors or permitted assigns) of the second part.

Whereas an expert committee on "Palaeochannels of North-West India: Review and Assessment" constituted by Government of India has recommended that Sarasvati river basin is one of the best suited basins for ground water recharging. A reference received vide letter no. 4(156)/NWR/S & I/2016-303, dated 28.2.2017 from Central Ground Water Board (Ministry of Water Resources and Ganga Rejuvenation Government of India) advised the Government of Haryana that "*Somb Nadi may be considered for the pilot project on Artificial Recharge to Ground Water and a proposal on Pilot study on Artificial Recharge be prepared.*"

Whereas Government of Haryana is planning for construction of three number small Dams in Adi Badri, Dhanora and Lohgarh in lower Shiwalik Hills for the purpose of rejuvenation of mighty River Sarasvati, ground water recharging, flood protection and promotion of tourism and Cultural Heritage in State of Haryana and Himachal Pradesh. The mighty River Sarasvati had

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flown down from glaciers of Himachal Pradesh and Utrakhand before entering into the plains at Adi Badri in Haryana. The rejuvenation of River Sarasvati will benefit many millions of people of India in various States viz. Himachal Pradesh, Utrakhand, Haryana, Punjab, Rajasthan and Gujarat.

Whereas Government of Haryana initiated the project and feasibility report for revival of Sarasvati Nadi by construction of Adi Badri Dam on Somb Nadi and its linkage to Sarasvati Nadi, Sarasvati Reservoir and construction of barrage on River Somb has been got prepared from Water and Power Consulting Services Ltd. (WAPCOS) Government of India;

And whereas after receipt of feasibility report from Water and Power Consulting Services Limited, the matter was taken up with Government of Himachal Pradesh regarding No Objection Certificate (NOC) for construction of Adi Badri Dam and the Government of Himachal Pradesh has issued No Objection Certificate (NOC) for the construction of Adi Badri Dam on Somb Nadi Lower Shivalik Hills vide No. IPH-B(F) 8-4/2012, dated 24.5.2018 subject to the conditions:-

"That an MoU will be signed between the two Governments incorporating into it various issues related to infrastructure, implementation, management and other aspects. The DPR will be prepared by the Government of Haryana by 15th July, 2018, which will incorporate all the concerns related to the infrastructure development expressed by the Government of Himachal Pradesh."

That Detailed Project Report (DPR) has already been shared with the Government of Himachal Pradesh incorporating all the concerns relating to infrastructural development/restoration of benefits.

Draft MOU was shared with Government of Himachal Pradesh and thereafter series of discussions have taken place between the officials and officers of both the States for finalization of MOU. That a meeting was held to discuss various issues of MOU on 5<sup>th</sup> July 2021 under the Chairmanship of Secretary Jal Shakti Vibhag, Himachal Pradesh.

That a meeting has also been held between Chief Secretaries of both the states alongwith officers on 05.10.2021 wherein all the relevant issues were discussed and finalized.

And whereas this project involves some territories and rights of the people of the Government of Himachal Pradesh affected on account of construction of Adi Badri Dam along with environment and forest issues to be taken up with Government of Himachal Pradesh and Government of India.

**Therefore, both the parties have agreed to these terms and conditions and stipulations contained hereinafter:-**

1. That Himachal Pradesh Power Corporation Limited shall be the executing agency for construction of Adi Badri Dam and its related infrastructure/appurtenant works. A Committee comprising of Additional Chief Secretary to Government of Haryana, Irrigation & Water Resources Department, Haryana, Secretary to the Government of Himachal Pradesh, Jal Shakti Vibhag, Himachal Pradesh, Engineer-in-Chiefs and other representative of both the States have been constituted for planning, supervising and monitoring of Adi Badri Dam as per detail attached at **Annexure-I**.



That entire funding of the project as provided in the DPR shall be arranged by Government of Haryana as per payment schedule based on Disbursement Link Indicators (DLIs) and Haryana Government shall release funds to Himachal Pradesh Power Corporation Limited (HPPCL) accordingly.

That funds to various departments of Himachal Pradesh Government shall also be provided by Government of Haryana as earmarked in the DPR of project i.e. Rs. 34.76 crores and these funds shall be released upfront in a single installment by Government of Haryana within 60 days of signing of MOU.

2. That Haryana Irrigation and Water Recourses Department shall transfer all relevant data, reports, design and drawings etc. of Adi Badri Dam alongwith status report of various statutory clearances required for construction of Adi Badri Dam to Himachal Pradesh Power Corporation Limited.
3. That the land area falling under the project for construction of Adi Badri Dam on River Somb in Himachal Pradesh shall be 31.16 Hectare out of which 0.67 Hectare area is under private ownership and balance area 30.49 Hectare land is forest land.
4. That for the land falling under the project area in Himachal Pradesh territory, suitable compensation shall be paid as full and final payment by the Himachal Pradesh Government to the right holders of the land through negotiated settlement. A Committee under Chairmanship of Additional Deputy Commissioner Sirmour shall be constituted by the Government of Himachal Pradesh for carrying out the negotiation for this purpose. All the funds for the purpose of this negotiated/settled shall be provided by Haryana Government.
5. That Cost of rehabilitation package for oustees and environmental protection package in accordance with prevalent policies of the State of Himachal Pradesh as well as any other prevalent laws or any other unforeseen cost/expenditure in this regard related to Adi Badri Dam in future shall be considered a part of the project and shall be borne by the Government of Haryana and no liability on this account shall be passed on to Himachal Pradesh.
6. That the water stored by construction of Adi Badri Dam on River Somb shall be primarily used for revival of River Sarasvati and development of Sarasvati Heritages. However, 61.88 Ha-m water per annum out of 224 Ha-m water stored at Adi Badri Dam shall be earmarked to fulfill the drinking water requirement (3.92 Ha-m) and Irrigation water demands (57.96 Ha-m) of the project affected villages in Himachal Pradesh territory. Himachal Pradesh shall be at liberty to utilize their share as per demand throughout the year regardless of filling or depleting period.
7. That if the storage is found to increase/decrease during the detailed study of the Dam by Government of Himachal Pradesh, the share of both the States shall be increased/decreased proportionally. In case of increase in storage, Himachal Pradesh shall be at liberty to utilize its water share over and above 61.88 Ha-m for any purpose as deemed appropriate by it.
8. That an automatic data acquisition system shall be installed at Dam site by Government of Haryana for transparent accounting of water uses by two States.

*2m3/14*  


9. That after completion of the dam, regulation of water from Adi Badri Dam and its operation and maintenance shall be done by Haryana Irrigation and Water Resources Department under supervision of a Committee named as Adi Badri Dam Regulation Committee. The Constitution, functions and powers of this Committee shall be as per detail attached at **Annexure-II**. All the cost of maintenance, repair and operation of Adi Badri Dam shall be borne by the Government of Haryana.
10. All the claims of the affected persons in the territory of Himachal Pradesh shall be settled and disbursed in their account by the Himachal Pradesh Government within a period of 3 months from the date of deposit of funds for the purpose by the Government of Haryana. The Utilization Certificate for the same shall be furnished by Himachal Pradesh Government to the Government of Haryana within 30 days of the expiry of limitation period i.e. 3 months.
11. That both the parties are free to prepare the Sarasvati Heritage Tourism Projects as well as any other infrastructure facilities which may be required for the welfare and development of local people from their own resources without compromising the primary objectives of the project within their respective territories.
12. That in case of any dispute/substantial difference of opinion arising out of this MoU on any point whatever including interpretation and implementation; the matter shall be referred to Adi Badri Dam Regulation Committee. Still, if the dispute is not resolved by the Adi Badri Dam Regulation Committee, any party shall be at liberty to refer the matter to Institution of Arbitration duly recognized by Government of Haryana and Government of Himachal Pradesh after mutual consent of both the Governments.
13. That the Government of Haryana and Government of Himachal Pradesh shall be responsible for maintaining law and order in their respective territories during execution, operation and maintenance of the project.
14. In witness whereof Chief Secretary to Government of Haryana for and on behalf of the Governor of Haryana and Chief Secretary to Government of Himachal Pradesh for and on behalf of the Governor of Himachal Pradesh have signed these presents on the day and year as mentioned above.

Signed by [Signature]  
21.01.22

Chief Secretary to the Government  
For and on behalf of the  
Governor of Haryana

Witness 1: [Signature]  
21/01/2022

Address:

Witness 2: [Signature]  
21/1/22 Attested

Address:

**Sub Divisional Officer  
Sarasvati Heritage Sub Division No. 2  
Jagadhri**

[Signature]  
21st Jan 2022  
Chief Secretary to the Government  
for and on behalf of the  
Governor of Himachal Pradesh

[Signature]  
Dr. Ashwani Kumar

[Signature]

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


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



OFFICE OF EXECUTIVE ENGINEER SARASVATI HERITAGE DIVISION NO.1,  
JAGADHRI  
E-mail: xenjdr1@gmail.com

## Certificate

This is certified that proposed Adi Badri Dam which is to be constructed on river Somb has No provision for electricity generation. Thus this project does not require Techno Economic Clearance/Implementation Agreement from any authority.

  
Executive Engineer  
Sarasvati Heritage Division No.1  
Jagadhri

Attested  
  
Sub Divisional Officer  
Sarasvati Heritage Sub Division No. 2  
Jagadhri

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

From

No. IPPH-B(F)8-4/2012  
Government of Himachal Pradesh  
Irrigation & Public Health Department

To

The Secretary (IPH) to the  
Government of Himachal Pradesh

The Principal Secretary  
(Irrigation & Water Resources) to the  
Government of Haryana, Chandigarh.

Dated Shimla-171002, the 24-05-2018.

Subject: -

Regarding providing of NOC to the Haryana Govt.  
for the construction of Adi Badri Dam on Som Nadi  
in Lower Shivalik Hills.

Sir,

As per the MOM held between the Chief Secretaries to the Government of Haryana and Himachal Pradesh on 17.04.2018, the NOC for construction of Dam and Water Harvesting Structure on Som river at Adi Badri by the Government of Haryana on Som Nadi in lower Shivalik Hills is hereby issued subject to the following conditions:

1. An MOU will be signed between the two Governments incorporating into it various issues related to infrastructure, implementation, management and other aspects. The DPR will be prepared by the Government of Haryana by 15<sup>th</sup> July, 2018, which will incorporate all the concerns related to the infrastructure development expressed by the Government of Himachal Pradesh.
2. Haryana Government will share a draft MOU with the Himachal Pradesh Government.

You are, therefore, requested to take further necessary action in the matter accordingly under intimation to this Department immediately.

Yours faithfully,

*Attended*  
*[Signature]*  
Sub Divisional Officer  
Saraswati Heritage Sub Division No. 2  
Jagadhri

*[Signature]*  
(Ghanshyam Chahal)  
Additional Secretary (I&PH) to the  
Government of Himachal Pradesh  
Ph. No.0177-2880642.

*[Signature]*  
Divisional Forest Officer,  
Nahan Forest Division,  
Nahan, H.P.

Registered/  
E-mail/FAX

No. FSH-F (2) 39-189/2018-ARC-Adl Badri Dam- 8046  
Directorate of Fisheries,  
Himachal Pradesh.

From

The Director-cum-Warden of Fisheries, 6/8/2018  
Himachal Pradesh.

To

The Executive Engineer,  
Sarasvati Heritage Division No.-1,  
Jagadhri, Distt Yamuna Nagar (Haryana)

Dated Bilaspur-174001 the,

Subject: No Objection Certificate for construction of Adl Badri Dam on Somb Nadi and its piped link to Sarasvati Nadi and Sarasvati reservoir within the jurisdiction of Nahar Forest Division, Distt Sirmour (HP).

Sir,

I invite a reference of letter No. SRM-DRA(Adl Badri)-DC/2018-129614 dated 30.06.2018 which is addressed to Assistant Director of Fisheries, Nahar with a copy sent to your office on the subject cited above.

In this context, I would like to inform that due to construction of Adl Badri Dam on Somb Nadi and its piped link to Sarasvati Nadi and reservoir within the jurisdiction of Nahar Forest Division, Distt Sirmour, a water body of 31.6 hectare area will be created in Himachal Pradesh. For Management and Development of fisheries activities in this upcoming water body/reservoir, Department of Fisheries, HP will require funds for infrastructure development for which a Fisheries Management Plan (FMP) will be prepared and submitted to your office shortly. However, NOC of H.P. Fisheries Department is hereby granted subject to the following conditions:-

1. That Department of Fisheries, H.P. will have the exclusive rights for management and development of fisheries and fishing in the upcoming water body/reservoir.
2. Government of Haryana/Executive Engineer, Sarasvati Heritage Division No-1, Jagadhri(HRY) will maintain required level of water in the dam for the sustenance of fisheries all times.
3. Government of Haryana will provide funds to H.P. Fisheries Department for infrastructure development as proposed in Fisheries Management Plan

Yours faithfully,

Attested  
Sub Divisional Officer  
Sarasvati Heritage Sub Division No. 2  
Jagadhri

(Satpal Mehta)

Director-cum-Warden of Fisheries,  
Himachal Pradesh, Bilaspur.  
E-mail : fisheries-hp@nic.in  
Tel/Fax: 01978-224068

Date	10/3/18
Case No	100
Date	14/8/18
Act: Sarasvati Heritage Division No. 2	JAGADHRI

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

Registered/  
E-mail/FAX

From No. FSH-F (2) 39-189/2018-ARC-Adl Badri Dam- 8046  
Directorate of Fisheries,  
Himachal Pradesh.

To The Director-cum-Warden of Fisheries, 6/8/2018  
Himachal Pradesh.

The Executive Engineer,  
Sarasvati Heritage Division No.-1,  
Jagadhri, Distt Yamuna Nagar (Haryana)

Dated Bilaspur-174001 the,

Subject: - No Objection Certificate for construction of Adl Badri Dam on Somb Nadi and its piped link to Sarasvati Nadi and Sarasvati reservoir within the jurisdiction of Nahan Forest Division, Distt Sirmour (HP).

Sir,

I invite a reference of letter No. SRM-DRA(Adi Badri)-DC/2018-129614 dated 30.06.2018 which is addressed to Assistant Director of Fisheries, Nahan with a copy sent to your office on the subject cited above.

In this context, I would like to inform that due to construction of Adi Badri Dam on Somb Nadi and its piped link to Sarasvati Nadi and reservoir within the jurisdiction of Nahan Forest Division, Distt Sirmour, a water body of 31.6 hectare area will be created in Himachal Pradesh. For Management and Development of fisheries activities in this upcoming water body/reservoir, Department of Fisheries, HP will require funds for infrastructure development for which a Fisheries Management Plan (FMP) will be prepared and submitted to your office shortly. However, NOC of H.P. Fisheries Department is hereby granted subject to the following conditions:-

1. That Department of Fisheries, H.P. will have the exclusive rights for management and development of fisheries and fishing in the upcoming water body/reservoir.
2. Government of Haryana/Executive Engineer, Sarasvati Heritage Division No-1, Jagadhri(HRY) will maintain required level of water in the dam for the sustenance of fisheries all times.
3. Government of Haryana will provide funds to H.P. Fisheries Department for infrastructure development as proposed in Fisheries Management Plan

Yours faithfully,

(Satpal Mehta)

Director-cum-Warden of Fisheries,  
Himachal Pradesh, Bilaspur.  
E-mail : fisheries-hp@nic.in  
Tel/Fax: 01978-224068

Date	10/5
Case No.	1005
Date	19/8/18
Act. Sr.	13/3/0.A.A.
JAGADHRI	

DHD  
19/8/2018  
M. U. N.

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