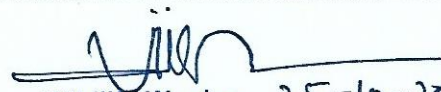


SITE INSPECTION REPORT w.r.t. FCA Proposal of Shahpur Kandi Dam Project		
S. No.	Items	Observation and Remarks
1	Name of the Project and location (Division, Range)	Wildlife Division, Kathua. Wildlife Range Kathua.
2	Name of User Agency	Executive Engineer, Shahpur Kandi Dam Division No. 2, Shahpurkandi Township.
3	Date of Site Inspection	25-10-2020.
4	Extent (ha) and legal status of Forest land proposed for diversion	13.24 Ha. (Reserve and Deemed Forest).
5	a) Details of Forest land proposed for diversion and activity wise breakup of forest land.	2.81 Ha. Reserve Forest. 10.43 ha. Deemed Forest.
	b) Density and Eco- value class	OF & Class-V.
6	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 details of alternative examined.	The forest land is unavoidable as proposed site for construction of Shahpurkandi Dam is strategically located on Ravi river because the particular stretch is narrow on the said location and such the same has been found feasible for construction of Shahpur Kandi Dam.
7	Whether the proposal involves any construction of building (including residential) or not? If yes details thereof.	Yes- Allied infrastructure including Ravi canal.
8	a) Whether forest area proposed for diversion is important from wildlife point of view or not.	Not so significant, as major part is in the periphery of the Thein Conservation Reserve. The area under submergence is along the Ravi river bank. The Ravi River is already unfathomable.
	b) Detail of any rare or endangered or unique species of flora and fauna in proposed forest land. If so, the details thereof.	Not Assessed/ Noticed within the Boundary of the Thein Conservation Reserve.
	c) Aerial distance from nearest boundary of any protected Area (Km)	0 Km.
	d) Remarks about sensitivity of the forest area likely to be affected due to project.	The forest area which is likely to be submerged in the Shahpurkandi Dam Project is in the eastern boundary of the Thein Conservation Reserve. The major area involved is outside the Reserve Forest and is Deemed forest.
	e) Whether wildlife mitigation plan is required? If yes, reasons thereof.	Not Required.
9	Details of vegetation:	
	a) Total number of trees to be felled	26544.
	b) Number of trees to be felled of girth below 60cm	23,508.
	c) Number of trees to be felled of girth above 60cm	3036.
10	Back ground note on the proposal (Short Summary)	<p>Shahpurkandi Dam Project is located in the Ravi river terrain in Pathankot District of Punjab State. The excess water of the River Ravi at present is going waste through the Madhopur Headworks downstream to Pakistan. Implementation of the project would minimize such wastage of water. A Bilateral agreement was signed between Punjab and J&K in January 1979. As per the agreement, construction of Ranjit Sagar Dam(Thein Dam) and Shahpurkandi Dam was to be taken up by the Punjab Government. Ranjit Sagar Dam was commissioned in August 2000. The Shahpurkandi Dam project is proposed on River Ravi, 11 d/s of Ranjit Sagar Dam and 8 km undersigned of Madhopur Head works.</p> <p>Shahpurandi Dam will act as balancing reservoir for working of Ranjit Sagar Power plant as a peaking station & to regulate the supply to shahpurkandi Hydrel channel/ U.B.D.C canal system. With the completion of the project, complete water of river Ravi will be utilized for irrigation as well as power generation of 206 MW. The proposed site for construction of Shahpurkandi Dam is strategically located on Ravi river because the particular stretch is narrow on the said location and such the same has been found feasible for construction of ShahpurKandi Dam.</p>


 Wildlife Warden 25-10-20
 Kathua

11	Whether the proposal involves any violation of Forest Conservation Act, 1980? If yes, a details report of violation including action taken against the concerned officials to be attached.	Not violation of FCA, 1980 Noticed.
12	Whether the proposal involves rehabilitation of displaced person. If yes, whether rehabilitation plan has been approved by the State Government?	Rehabilitation plan has been approved by the Govt. Copy enclosed.
13	Details of catchment and cultivable command area under the project (if applicable)	Summary Submitted. The detailed plan shall be submitted by the user agency subsequently.
	Status of catchment area treatment plan to prevent siltation of reservoir (if applicable)	Under Progress
14	Utility of the Project	Hydroelectric 206 MW & irrigation propose.
15	Whether land being diverted has any socio-cultural / religious values? Whether any scared groves or very old growth trees / forests exist in the areas proposed for diversion.	Not observed, And no scared groves or very old growth trees / forests exist in the areas proposed for diversion.
16	Any other important information related to project (Separate note may be attached, if required)	On completion, an irrigation potential of 32173 Ha. In the J&K would be created.
17	Details of documents and photographs enclosed:	Site Inspection Report and Photographs Enclosed.
18	Recommendation of the Inspecting officer (DCF)	<p>The Shahpurkandi Dam Project is a National project which is strategically and socio-economically very important to the UT of J&K. Besides, providing the geo-political strategic advantage in the form of much more effective utilization of water of the Ravi river, the project will also unleash the agricultural potential of the otherwise barren Kandi area. The Reservoir of the Shahpurkandi Dam project shall serve a good source of water for the Wildlife in Their Conservation Reserve. The reservoir Shall provide a positive changes in microclimate of the area.</p> <p>On completion an Irrigation Potential of 32173 Ha. in J&K UT would be created. In addition to above, the Irrigation of about 1.18 Lakh Ha. area under UBDC system shall be stabilized.</p> <p>Therefore, keeping in view of the above, it is recommended that the project may be granted the Stage-I or In-Principle approval for Forest Clearance under the provisions Forest Conservation Act, 1980.</p>


 Wildlife Warden,
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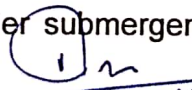
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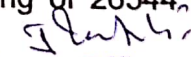
SITE INSPECTION REPORT

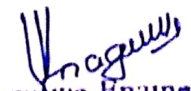
Subject :- Shahpurkandi Dam Project Regarding Forest clearance

On 25th of October, 2020 a joint team of officials of Wildlife Division Kathua headed by Mr. Vijay Kumar, Wildlife Warden Kathua and Sh. Vijay Nagri, Executive Engineer, Shahpurkandi Dam Division No.2, Shahpurkandi Township alongwith the team visited the site of Shahpurkandi Dam Project whose major components are Main Dam, Hydrel Channel Head Regulator, Ravi Canal Head Regulator, Two No. Power Houses (206 MW) Barrel to feed Kashmir Canal and Balance portion of Ravi Canal including Aqueduct on Sukhralkhad. During the visit, following observations were made:-

- i. Hydrel Channel, Hydrel Channel Head Regulator and Power Houses are to be constructed on Punjab side and are falling outside the boundary on Their Conservation Reserve.
- ii. Main Dam site also falls outside the boundary on Their Conservation reserve except NOF(Non overflow) portion starting from right bank of Ravi River upto Ravi canal head regulator.
- iii. Balance portion of Ravi canal is to be constructed for a length of 1378 mtr including a Aqueduct on Sukhralkhad. About 285mtr length of Ravi Canal shall be constructed through the area of Their Conservation reserve.
- iv. Due to construction of Shahpurkandi Main Dam, a reservoir upto length of about 11 Km shall be created on upstream side of Main Dam due to which an area of 51.08 Ha. of the Protected area is involved in the Project. Out of 51.08 Ha., only 13.24 Ha. Forest/ Deemed forest is coming under submergence FRL-4 where, felling of 26544 trees are involved.


Sub. Div. Officer
SPK Dam & H.R. Div. NO. 2



Range Officer
Wildlife Range
Kathua


Executive Engineer,
Spk. Dam Division No. II
Shahpurkandi T/Ship.


Wildlife Warden
Kathua

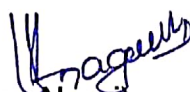
SITE INSPECTION REPORT


1	Name of the Project	Shahpurkandi Dam Project.
2.	Name & Designation of the team leader of Wildlife Department	Sh. Vijay Kumar, Wildlife Warden Kathua.
3	Name & Designation of the team leader of User Agency.	Sh. Vijay Nagri, Executive Engineer, Shahpurkandi Dam Division No.2, Shahpurkandi Township.
4	Date of Inspection.	25 th of October, 2020.
5	Forest/Deemed Forest Land coming in the alignment of the proposed Project.	13.24 Ha.
6	Whether alternate alignment/site involving No/minimum land is available	No alternate Possible.


Sub. div. officer
SPK Dam & H.R. Div. NO. 2


Range Officer
Wildlife Range
Kathua

Date: 25-10-2020
Place: Kathua.


(Vijay Nagri)
Executive Engineer,
SPK Dam Division No. 11
Shahpurkandi Dam Division No.2,
Shahpurkandi Township.


(Vijay Kumar, SFS)
Wildlife Warden
Kathua
Wildlife Warden
Kathua

