

Speed Post



भारत सरकार
Government of India
पर्यावरण, वन एवं जलवायु परिवर्तन मंत्रालय
Ministry of Environment, Forest & Climate Change
एकीकृत क्षेत्रीय कार्यालय, जयपुर
Integrated Regional Office, Jaipur



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File No.: 8A/Raj/08/1116/2019/FC/46

Date: 09.12.2020

To.

The Deputy Inspector General of Forest (FC)
Ministry of Environment, Forest & Climate Change
Indira Paryavaran Bhawan
Aliganj, Johbagh Road
New Delhi-110003.

Sub.: Proposal for diversion of 286.47 ha of forest land in favour of Executive Engineer, Water Resource Division III, Baran for Construction of Hathiyadeh Medium Irrigation Project in Baran district, Rajasthan State – Reg.

Ref.: Ministry's letter No. 8-34/2019-FC. dated 2nd January, 2020.

Sir,

With reference to the referred letter on the subject mentioned above, please find enclosed herewith the site inspection report of Hathiyadeh Medium Irrigation Project for necessary action at your end.

Yours faithfully,

Encl.: As above.

P. G.
09.12.2020
(PRACH GANGWAR)

Dy. Inspector General of Forest (Central)

3662/14/CR/2020
16/12/2020

Mr. surjeet

Pz. /procen

Pambam

Received
01/12/20

Site inspection report of

Proposal for diversion of 286.47 ha of forest land in favour of Executive Engineer, Water Resource Division- III, Baran for construction of Hathiyadeh Medium Irrigation Project in Baran District of Rajasthan State.

Reference: Letter no. 8-34/2019-FC dated, 02.01.2020 of MoEF&CC (FC Division), New Delhi

The site inspection of the proposal was carried out by the undersigned on 30.10.2020, in compliance of the Ministry's letter referred to above. The Deputy Conservator of Forests, Kota Division Shri Deepak Gupta and others officers of the user agency and Forest Department were present. The report of the site inspection on prescribed proforma is as follows:

1. Legal status of the forest land proposed for diversion.

Table: 1

Sl. No.	Description	Area in Ha.
1)	Protected Forest	286.47
2)	Civil Land	-
3)	Van Panchayat	-
4)	Total Forest Area in ha.	286.47
5)	Non Forest area in ha.	580.17
	Total Area in ha.	866.64

Component wise breakup of land requirement is as follows-

Sl.No.	Component	Forest Land (in ha)	Non-forest land (in ha)	Total (in ha)
1.	Dam line	14.9963	24.2892	39.2855
2.	Submergence	271.4737	555.8808	827.3545
	Total	286.47	580.17	866.64

2. Item wise break up details of the forest land proposed for diversion

Area required (in ha) for purposes of proposed work is as follows-

Table: 2

Dam line	14.9963
Submergence	271.4737
Total Requirement in ha.	286.47

As informed by the User Agency during site inspection, the canal alignment is fixed in a way that no forest land is required for that purpose.

3. Whether proposal involves any construction of buildings (including residential) or not. If yes, details thereof.

The proposal does not involve any construction of buildings.

4. Total cost of project at present rates- 232.53 (Rupees in Lakh)

5. Wild- Life

Whether forest area proposed for diversion is important from wildlife point of view or not.

According to the site inspection report of DFO, Baran dated 13.06.2018, the area proposed for diversion is not important from wildlife point of view.

6. Vegetation:

Total number of poles/trees to be felled:- 11586 (4218 poles, 7368 tress)

Number of trees to be felled of girth below 60 cm – 3430 poles are mentioned in Part-II, but as per list provided with the proposal there are 4218 poles proposed to be felled.

Number of trees to be felled of girth above 60 cm - 3136 trees mentioned in Part-II, but as per list provided with the proposal there are 7368 trees proposed to be felled.

7. Background note on proposal.

The proposal is for an ambitious scheme run by the State Government to enhance the average life line of predominantly tribal populated area of Baran district. This project canal brings irrigation water to district Baran with object to cater 6885 hectare of Cultural Command Area of this district. Hathiyadeh Medium Irrigation project is proposed on Hathiyadeh Nallah, a tributary of Kul River to provide irrigation facilities to 37 villages of Kishanganj Tehsil of Baran district. Baran is an important district of Rajasthan State from the agriculture point of view. The geographical area of Baran district is 6955.40 Sq. Km which is 2.0324% of the total area of Rajasthan State. Out of the total area of Baran district, 4230 Sq. Km area is culturable and he irrigation facilities to an area of 1130.62 Sq. Km. out of the total CCA is at present available by existing Medium and Minor Projects and the existing canal system from Kota Barrage.

8. Compensatory afforestation: The equivalent non-forest land identified for compensatory afforestation in lieu of diverted forest land is in three patches as follows:-

S.No.	Proposed area	District	Legal Status	Area in ha.
1.	Khasra No. 1109, 1113, 1114, 1026, 1025, 1202, 1115, 1116, 1200, 1201 & 1203	Village Tikod, District, Baran	NFL	107.04
2.	Khasra No. 54, 55, 56, 57, 58, 59, 60, 61, 63, 64, 80, 81, 82, 86, 96, 98, 99, 1337, 1360, 1397 & 1398	Village Patunda Tikod, District Baran	NFL	112.22
3.	Khasra No. 2, 8, 9, 10 & 204	Village Tikod, District Baran	NFL	67.74
Total Area in ha.				286.5

(i) **Whether land for compensatory afforestation is suitable for plantation and management point of view or not-**

- It was informed by the concerned DFO that 44 ha of non-forest land allotted for Compensatory afforestation is coming under submergence area of proposed Navnera barrage. Hence, in place of this some other area of NFL needs to be proposed for CA.

- Ministry's vide its letter dated 11.12.2019 has observed that " Examination of .kml/shape file of land proposed for Compensatory Afforestation shows 17 ha of land (out of total area) falling in River and same is also depicted through Google earth imagery. This area is also part of 44 ha area mentioned above.
- (ii) **Whether land for compensatory afforestation is free from encroachment/ other incumbencies-**
- Some part of area proposed for CA is encroached. This needs to be accessed and either encroachment needs to be evicted or revised area needs to be proposed for CA.
 - Land suitability certificate of DFO is provided.
- (iii) **Whether land for compensatory afforestation is important from religious/ archaeological point of view-** No
- (iv) **Land identified for raising compensatory afforestation is in how many patches, whether patches are compact or not-** Three patches
- (v) **Map with detail-** Provided
- (vi) **Total financial outlay-** 232.53 (Rupees in Lakh)

9. Whether proposal involves violation of Forest (Conservation) Act, 1980 or not. If yes, a detailed report on violation including action taken against the concerned officials.

The proposal does not involve violation of Forest (Conservation) Act, 1980 as per Site Inspection Report of DFO and as per details furnished during site inspection.

10. Whether proposal involves rehabilitation of displaced persons. If yes, whether rehabilitation plan has been prepared by the State Government or not.- As per Part II, 388 families shall be displaced. However, rehabilitation plan is not submitted with the proposal.

Reclamation Plan - Not submitted

Details on catchment and command area under the project- As per details provided in the proposal, most of the catchment area is covered by protected forest and has been classified as "Mean of Average & "Good" as per Strange's classification. Catchment area at dam site is 269.31 Sqkm. (105.2 Sq. Miles) and total catchment area of Kosam river at site of diversion weir is 118.78 Sqkm. (46.4 Sq.Miles) out of which 66.56 Sqkm. (26 Sq.Miles) is in M.P. State and rest 52.22 Sqkm. (20.39 Sq.Miles) in Rajasthan.

The gross command area of the project is 10,091 ha. out of which 6885 ha. (17006) is culturable as per revenue records. Whole command is taken between Parwati river and Kosam river as per details provided in the proposal.

11. Cost benefit ratio: BC ratio as provided in the Cost benefit analysis attached with the proposal is 1.56(with NPV) and 1.85(without NPV)

12. Recommendations of the Principal Chief Conservator of Forest/ State Government.

Part IV and V of the proposal are not forwarded to this office.

13. Utility of the project.

This project canal brings irrigation water to district Baran with object to cater 6885 hectare of Cultural Command Area of this district. Hathiyadeh Medium Irrigation project is proposed on Hathiyadeh Nallah, a tributary of Kul River to provide irrigation facilities to 37 villages of Kishanganj Tehsil of Baran district.

14. Whether land being diverted has any socio-cultural/religious value.

Whether any sacred grove or very old growth trees/forests exist in the areas proposed for diversion- No sacred grove or very old growth trees/forests is reported to exist in the areas proposed for diversion.

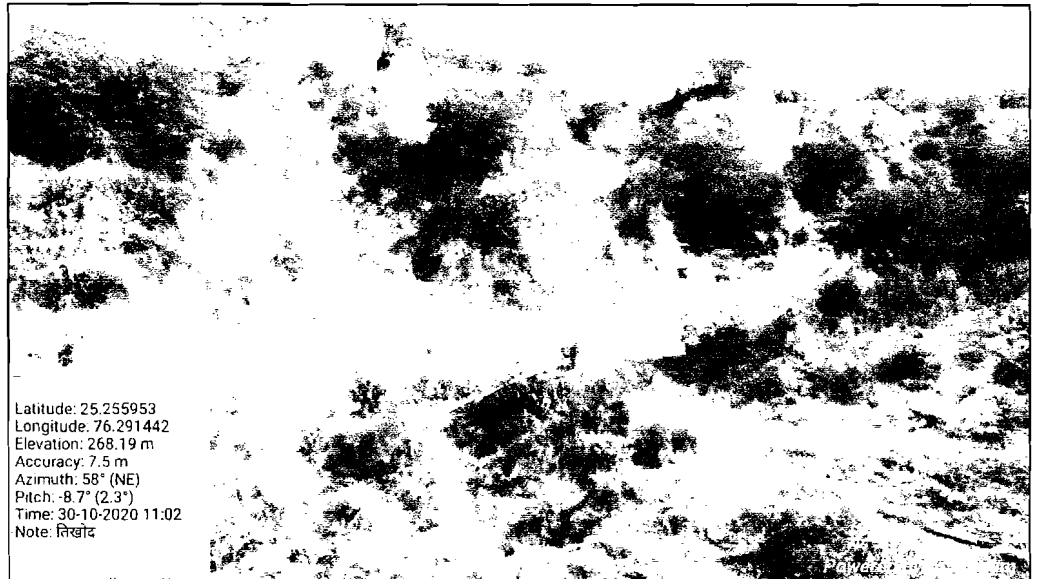
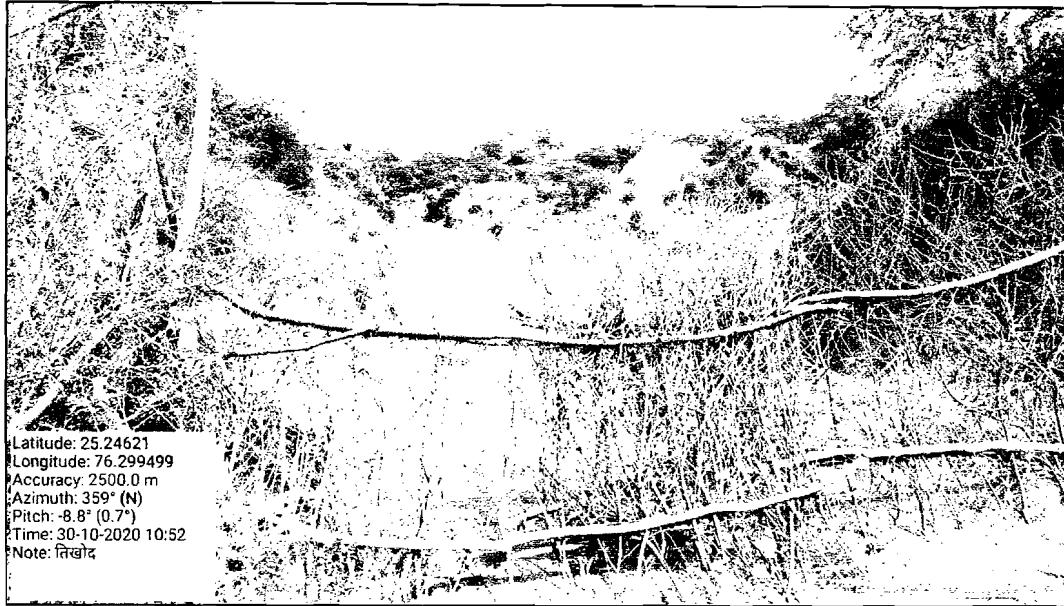
Whether the land under diversion forms part of any unique eco-system. The proposal involves area which does not form part of any unique eco-system.

15. Situation W.R.T. any P.A.- Presence of rare and engendered wild life is not reported in Forest area proposed for diversion. No National Park/Wildlife Sanctuary/Tiger Reserve/Elephant Corridor is reported to exist within 10 km from boundary of the forestland proposed for diversion.

17. Any other information relating to the project:

- It was informed by the concerned DFO that 44 ha of non-forest land allotted for Compensatory afforestation is coming under submergence area of Naunera dam. Hence, in place of this some other area of NFL needs to be proposed for CA.
- Ministry's vide its letter dated 11.12.2019 has observed that " Examination of .kml/shape file of land proposed for Compensatory Afforestation shows 17 ha of land (out of total area) falling in River and same is also depicted through Google earth imagery. This area is also part of 44 ha area mentioned above.
- Some part of area proposed for CA is encroached. This needs to be assessed and, either encroachment needs to be evicted or revised area needs to be proposed for CA.
- During the site visit it was observed that across dam line there is habitation on one side and forest block on the other side. If a permanent boundary wall is constructed then this would help to protect the forest blocks. Thus, provision for demarcation and construction of permanent boundary of the forest block and installation of boundary pillars may be made in the proposal and the cost for the same shall be borne by the User Agency.
- There are three triangular forest patches in between submergence area which shall be difficult for forest department from management point of view. It shall be cogent if possible an area equivalent to the area of these three triangular patches is given elsewhere to forest department, preferably adjacent to forest area for ease of management.
- CAT plan and Rehabilitation and Reclamation Plan need to be submitted.
- Muck Calculation and muck disposal scheme needs to be submitted.


Photographs of Compensatory afforestation site (Encroachment)





Prachi
Prachi Gangwar,
DIG (Central)
09.12.2020

18. **Regional Chief Conservator of Forest shall give detailed comments whether there are any alternative routes/ alignments for location the project on non-forest land:** The proposal is for construction of Medium Irrigation Project so there is no alternative route/ alignment for location the project.
19. **Recommendations of Regional Chief Conservator of Forests along with detailed reasons:** The proposal may be considered subject to recommendations of PCCF and State Government and compliance of observations raised in the Site inspection Report.


Prachi Gangwar,
RO, IRO Jaipur
09.12.2020