

I/2661/2020

भारत सरकार / GOVERNMENT OF INDIA

पर्यावरण, वन एवं जलवायु परिवर्तन मंत्रालय

MINISTRY OF ENVIRONMENT, FOREST & CLIMATE CHANGE

क्षेत्रीय कार्यालय भोपाल/ Regional Office, Bhopal

“केन्द्रीय पर्यावरण भवन” “Kendriya Paryavaran Bhavan, E-5, रविशंकर नगर/Ravishankar Nagar,

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File No. 6-MPA010/2020-BHO**Date : 30/09/2020**

To,

The Dy. Inspector General of Forests (FC)

Ministry of Env. Forest and Climate Change

Indira Paryavaran Bhawan

Jor Bagh Road, Aliganj

New Delhi- 110003.

Sub.: Proposal for diversion of 505.5 ha of Forest land for construction of Banda Irrigation Project in favour of M/s Water Resources Department, Sagar in Sagar District of MP.

Ref : Your letter No. 8-04/2020-FC dated 08.09.2020 and even dated 14.07.2020.

Sir,

Kind reference to the above mentioned subject and letter under reference, it is to be said that the Site Inspection Report of proposed area is enclosed for further necessary action.

Encl.: As above.

(B. Abhay Bhaskar)
AIGF (C)

SITE INSPECTION REPORT OF PROPOSAL FOR DIVERSION OF 505.5 HA. OF FOREST LAND FOR CONSTRUCTION OF BANDA IRRIGATION PROJECT IN FAVOUR OF M/S WATER RESOURCES DEPARTMENT, SAGAR, IN SAGAR DISTRICT, MADHYA PRADESH STATE.

Date of Inspection: 15/09/2020

1. Legal Status of Forest land proposed for diversion.
 - a. Reserved forest land : 300.62 ha
 - b. Protected forest land : 193.53 ha
 - c. Revenue forest land : 11.35 ha
 - d. Non-forest land : 4193.58 ha
2. How the land proposed for diversion is to be utilized? : **Storage of water for irrigation project.**

Component wise breakup			
Sl. No.	Component	Forest Land (ha.)	Non-Forest Land(ha.)
1	Submergence	467.979	4166.38
2	Spill Channel	2.4	8.15
3	Dam Area	11.051	5.22
4	Road and Power Line	24.07	13.83
Total		505.5	4193.58

3. Whether the proposal involves any construction of buildings (including residential): No.
4. Total cost of Project. : **Rs. 261053.54 lakhs.**
5. Wild Life:

Whether the forest area proposed for diversion : **61.62 km away from the Nauradehi wildlife sanctuary (as per DSS)** is important from Wildlife point of view or not
6. Aerial distance from the nearest boundary of any protected area: **61.62 km away from the Nauradehi wildlife sanctuary (as per DSS).**
7. Vegetation :
 - a. Trees to be felled:

Sl. No.	Items	(0-30) cm.	(31-60) cm.	(61-90) cm.	(91-120) cm.	(121-150) cm.	(>150) cm.	Total
1	FRL	2205	5841	3573	1839	1078	1574	16110
2	FRL-2	0	0	0	0	0	0	0
3	FRL-4	441	1656	1123	513	137	108	3978

- b. Effect of removal on the general ecosystem in the area: **the irrigation project.**

As per Part-II, Canopy Density is 0.4 & Eco-class 3. The vegetation of area consist of *Tectona grandis*, *Zizyphus jujuba*, *Butea monosperma*, *Ficus religiosa*, *Alangium salviifolium*, *Acacia catechu*, *Emblica officianalis*, *Albezzia amara*, *Azadirachta indica*, etc were observed. The forest is degraded forest with biotic pressure.

8. Background note of the proposal:

The project is Banda irrigation tank project with command area of 80,000 ha. The project will bring command area under multiple cropping pattern, which will bring the uplifting of peoples.


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The total CAT plan of 1,49,072.08 ha. is proposed.

9. Compensatory Afforestation: **Applicable, non-forest land = 572.07 ha. (e.portal)**

A	Whether land proposed / selected for C.A. is suitable for plantation and management point of view?	Yes				
B	Whether land for C.A. is free from encroachment of other encumbrances?	No				
C	Whether land for C.A. is important from religious or archeological point of view?	No				
D	Land identified for raising C.A. is in how many patches? Whether patches area compact or not?	5 (five) patches in Sagar district				
		Sl. No.	District Name	Village	Area (ha.)	Khasra
		1	Sagar	Chanari , Malthone	25.05	161, 597/1/2
		2	Sagar	Malakpur, Muderri	157.55	4/2 , 54
		3	Sagar	Sagoriya , Kotra	150.74	564, 663/2
		4	Sagar	Pitholi , Bagpura	100	1/2, 364/2
		5	Sagar	Jawara , Mokalmou	138.73	40, 35/2, 22 , 23
		Total		572.07		
E	Maps with details	Yes				
F	C.A. area should be clearly shown on the map, patches wise and their contiguity to the forest area, etc.	No				
E	Total financial outlay of 10 years CA programme	Not submitted				

10. Whether proposal involves violation of Forest (Conservation) Act ? : **NO.**

11. Whether the proposal involves rehabilitation of displaced people? : **No families to be displaced in the proposed forest land for diversion.**

12. Reclamation Plan details and Financial Allocation: *as there are some villages to be displaced in revenue area and non-forest area, so R&R plan is submitted.*

13. Cost benefit ratio : **Benefit of the project is 109.77.**

14. Utility of project: **for water storage and irrigation in command area.**

15. Number of Scheduled Case and Scheduled Tribe involved in the Project: **No.**

16. Compliance of FRA 2006-DC Certificate: **Submitted from DC, Sagar dt. 10/10/2018.**

17. Whether the land being diverted has any socio-cultural / religious value : **No.**

18. Whether any sacred groves or very old growth of tree of forest exist in the area proposed for diversion? : **No**

19. Recommendation of Nodal officer and the State government: **Recommended.**

20. Details of comments of the APCCF (LM), MP on alternate routes/alignments for locating the projects. : **Recommended by APCCF (LM), MP.**

21. Recommendation.

The site inspection was carried out on **15/09/2020** and PF 277 and RF 258 were inspected along with the Field Staff of Forest department and WRD, Govt of Madhya Pradesh.

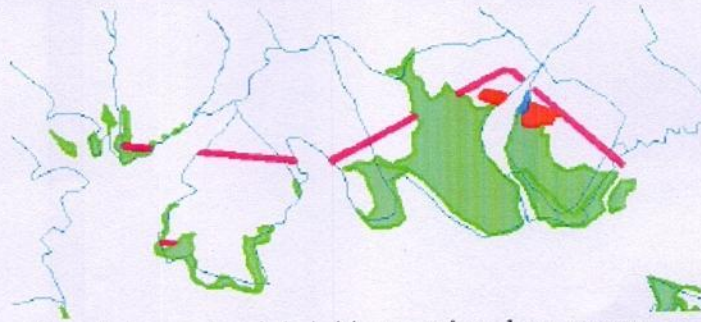
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Specific observation and suggestion for project based on Site Inspection:-

1. As per DSS analysis of proposed diversion

Sl. No.	Component	Proposed Forest Land (ha.)	DSS analysis area ((ha)
1	Submergence	467.979	534.05
2	Spill Channel	2.4	2.37
3	Dam Area	11.051	11.05
4	Road and Power Line	24.07	23.51
Total		505.5	570.98

2. As per DSS, there is variation of 65.00 ha in submergence, thus correct area for submergence as per DSS is 534.05 which makes total project as 570.98 ha. Thus, the State Govt. is requested to submit proper KML file of 505.5 ha area.
3. One road is proposed in the project which on eastern side abruptly ends inside the forest land, the State Govt. needs to give complete alignment of the road.

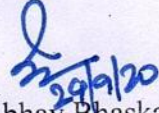


*road shown in pink / ** green is submergence

4. The 6 power lines (5 from PGCIL & 1 Sterlite) is passing form the project area and needs to be shifted. The extent of forest land required for the project needs to be submitted by the State Govt. in consultation with the User agency and Power transmission companies.
5. After receipt of above information the project can be recommended.

The site inspection report is submitted, please

Dated: 24/9/20


(B. Abhay Bhaskar)
AIGF (C)

Recommendations of APCCF(C), R.O., Bhopal:

In view of the details mentioned in the site inspection report of AIGF(C), that the proposal for diversion of 505.5 ha. of forest land for Construction of Banda Irrigation project in favour of M/s Water Resources Dept, Sagar, in Sagar District, MP is recommended under Forest (Conservation) Act, 1980 after fulfillment of following observations:

- i. The proper KML file of proposed diversion of 505.50 ha shall be uploaded on e.portal.
- ii. The 6 Power Transmission Line (5 from PGCIL & 1 Sterlite) is passing form the project area. The State Govt. needs to submit the plan addressing the issue of shifting of transmission line.

BK
24/9/20
(Bibhash Kumar Thakur)
Dy. Director General of Forests (C)
R.O.(WZ), Bhopal

GIS BASED DSS INFORMATION

(MoEF FSI DECISION SUPPORT SYSTEM GEOPORTAL)

Proposal No.:6-FP/MP/IRRIG/33882/2018-505.5 ha		Date:07 September, 2020
Project type :Irrigation	State :Madhya Pradesh	District :Sagar

Items	Proposed Area (ha)	DSS Area (ha)	Details (web portal)							
Proposed Diversion Area	505.5 Ha (DAM =11.05+Road and Power line=24.07 +SpillChannel =2.4 +Submergence =467.979)	570.98 Ha (DAM=11.05+ Road and power line=23.51+ SpillChannel=2.37+ Submergence=534.05)	<ol style="list-style-type: none"> 1. Topo-sheet map : Yes 2. Geo-reference map: Yes 3. KML file Uploaded on web portal: Yes 4. Distance from nearest PA: 61.62 km away from Noradehi WLS 5. Excess area (ha): as per submitted KML, the 65.48 ha area is more against proposed. 6. FCM Analysis: 							
			MDF	Open Forest	Non Forest					
			0.58	1.72						
			Scrub	Water						
			0.00	0.05					2.69	
Proposed CA Area	572.07	572.78	<ol style="list-style-type: none"> 1. Topo-sheet map : Yes 2. Geo-reference map: Yes 3. KML file Uploaded on web portal: Yes 							
	4. Forest Cover (ha):									
	Details	Prop. Area (Ha)	DSS Area (Ha)	VD F	MDF	OF	Scrub	Non Forest cover	Agri ./Hab. Encroachment	Previous Plantation
	Chanari , Malthone (161, 597/1/2)	25.05	13.65	0	0	0	0	14	1.33	3
			11.38	0	0	11	0	0	0	0
	Malakpur, Muderri (4/2 , 54)	157.55	103.87	0	95	0	0	9	5	0
			53.49	0	0	0	6	47	0	0
	Sagoriya , Kotra (564, 663/2)	150.74	39.98	0	0	1	0	39	0	3
			111.65	0	13	69	0	29	8.65	0
	Pitholi , Bagpura (1/2, 364/2)	100	50.15	0	0	1	0	49	0	0
50.18			0	0	2	2	46	0	0	
Jawara , Mokalmu (40, 35/2, 22, 23)	138.73	66.21	0	1	29		37	41.9	0	
		47.83	0			8	40	2.55	0	

GIS BASED DSS INFORMATION

(MoEF FSI DECISION SUPPORT SYSTEM GEOPORTAL)

		24.36	0	0	0	3	21	4.56	0
Total	572.0 7	572.75	0	109	113	19	331	63.99	6

Items	Proposed Area (ha)	Decision Rule -I	Decision Rule -II
Proposed Diversion Area	505.5	1. Inviolat 2. Reasons : Hydrology layer (River(s):Dhasan River)	1. Not Inviolat

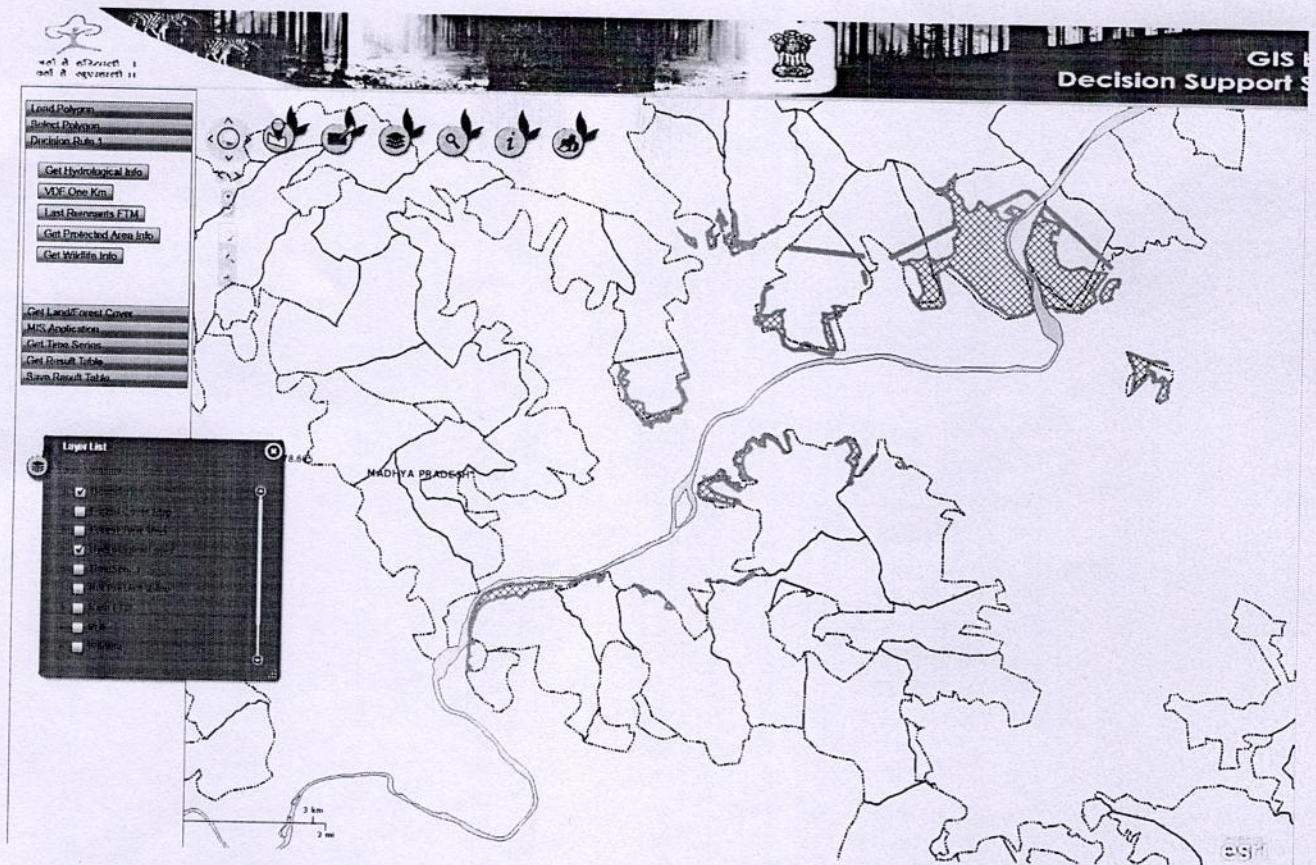
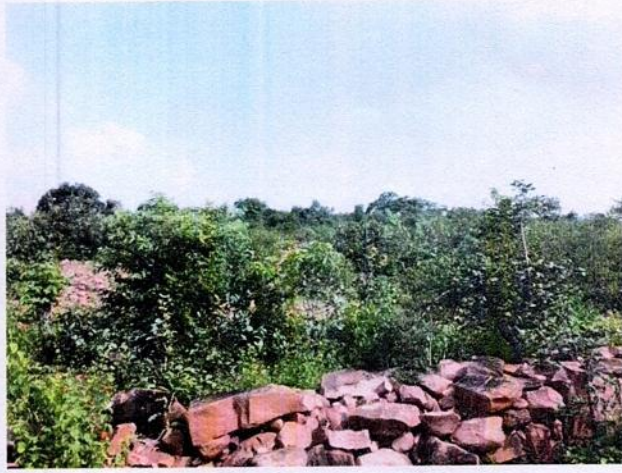
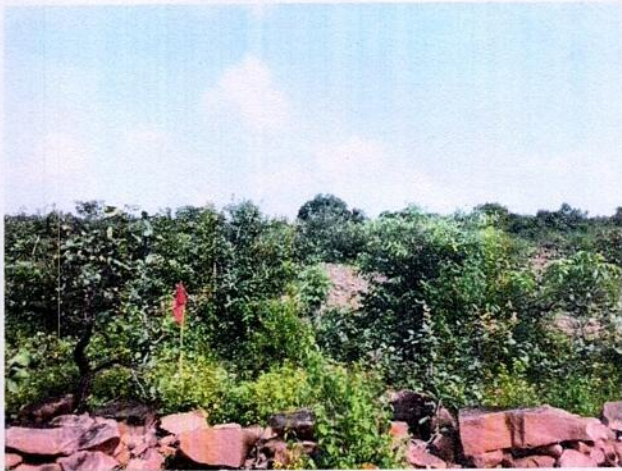


Figure: DSS View of Proposed Diversion

Photographs of Site:



Handwritten signature and date: 29/7/20