

SITE INSPECTION REPORT

**Name of proposal- Navnera Barrage across river Kalisindh near village Abra
Tehsil Digod District Kota (Rajasthan) under Eastern Rajasthan Canal Project
(ERCP) Phase-I(A)
(Proposal No FP/RJ/IRRIG/35905/2018)**

The Site Inspection of the proposal was carried out by undersigned on **28.06.2021**. Following officials of State Forest Department and user agency along with the field staff were present during site inspection-

1. Shri Ravi Kumar Meena, DCF, Kota
2. Shri Chetan Kumar, DCF, Baran
3. Shri Subodh Singh, ACF Kota
4. Shri R. K. Jaiminy, Suprentending Engineer, Water Resources Circle Kota
5. Shri P. K. Gupta, Executive Engineer, Water Resources Navnera Div-I Kota
6. Shri Dulichand, Asst. Engineer, Sub Div-I
7. Shri Vijay Agarwal, Asst. Engineer, Sub Div-II
8. Shri Kelash Tailor, Asst. Engineer, Sub Div-III
9. Shri Anil Yadav, Asst. Engineer, WR Div Kota
10. Shri Ramji Verma, Project Manager
11. Shri Prabhakar Pathak, GM, Forest

The report of the site inspection in prescribed performa is as follows-

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

Sl. No.	Description	Area in Ha.
1)	Protected Forest	580.938
2)	Unclassed Forest	119.409
3)	Van Panchayat	-
4)	Total Forest Area in ha.	700.347

5)	Non-Forest area in ha.	1972.745
	Total Area in ha.	2673.092

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

S.No.	Item	Forest Land (ha.)
1)	Dam Line	15.421
2)	Approach Road	0.282
3)	Submergence	684.644
	Total Requirement in ha.	700.347

3. Whether proposal involves any construction of buildings (including residential) or not. If yes, details thereof- No construction of building is involved as per Part I

4. Total cost of project at present rates- INR 159506 Lacs

5. Wild- Life

Whether forest area proposed for diversion is important from wildlife point of view or not. No

(As per information provided in Part II Jackal, Jungle Cat and Nilgai in Baran territorial division and Jungle Cat, Vultures and monitor lizard in Kota territorial division are present in and around the forest land proposed for diversion.)

6. Vegetation:

Total number of trees to be felled- 228 trees in Baran division & 14203 trees in Kota division = 14431 trees

Number of trees to be felled of girth below 60 cm- 201 trees Baran division & 13243 trees in Kota division = 13444 trees

Number of trees to be felled of girth above 60 cm- 27 trees Baran division & 960 trees in Kota division = 987 trees

7. Background note on proposal

This proposal is for Protected and Unclassed Forest Land to be diverted for purpose of water harvesting and water supply scheme from the proposed area.

8. Compensatory afforestation:

Compensatory Afforestation is proposed in total area of 700.347 ha. Non Forest Land in Village Borina Khurd, Vijaypur. Bara, Guraytha, Gopalpura, Bhilot, Singhapura in Kota district and Aklera sagar & Nachana Khera in Baran district.

S.No.	Proposed area	District	Legal Status	Area in ha.
1.	Vijaypur	Kota	Revenue Land	91.44
2.	Bhilot	Kota	Revenue Land	13.878
3.	Guraytha	Kota	Revenue Land	109.26
4.	Bara	Kota	Revenue Land	66.12
5.	Gopalpura	Kota	Revenue Land	113.23
6.	Singhpura	Kota	Revenue Land	95.22
7.	Borinakhurd	Kota	Revenue Land	91.79
8.	Aklera sagar	Baran	Revenue Land	93.08
9.	Nachana khlera	Baran	Revenue Land	26.329
Total Area in ha.				700.347

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

(A) Baran District (119.409 Ha):- Yes. It is suitable for plantation from management point of view as per site suitability certificate of DFO

(B) Kota District

- i. Gopalpura, Singhapura, Bhiloth (222.328 Ha) patches are suitable for plantation from management point of view as per site suitability certificate of DFO.
- ii. Vijaypura, Guratha, Bara, Borinakhurd (358.61 Ha) patches are having heavy Prosopis Juliflora, therefore no plantation is proposed for this area. DFO has indicated that Prosopis shall not be removed to safeguard soil on the banks and ravines of river. Plantation against 358.61 ha compensatory afforestation has been proposed in existing forest blocks (Budhkhana, Gadiya-A, Mahuakhal-A, Mahuakhal-B) of range

Modak & (Shakarpura Dadwara-V, Shakarpura Dadwara-iv,Badodiya-ii) of range Mandana.

(ii) Whether land for compensatory afforestation is free from encroachment/ other incumbencies.

Yes. land for compensatory afforestation is free from encroachment/ other incumbencies as per Site Suitability Certificate of DFO.

(ii) 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.

09 patches

(v) Map with detail.

Enclosed with Proposal

(vi) Total financial outlay.

CA Scheme - Rs. 28,84,95.639

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

No, as per Site Inspection Report of concerned DFO and as per information provided in Part – II of the proposal.

10. Whether proposal involves rehabilitation of displaced persons. If yes, whether rehabilitation plan has been prepared by the State Government or not: Not Applicable

Reclamation Plan: Not Applicable

Details on catchment and command area under the project-

The free catchment area for the project is 5666 Sq Km . Presently the Navnera Barrage is having drinking water purpose and additional water will be diverted to water deficit area of the state to meet out drinking water requirement i.e. no irrigation purpose hence no command area is existing for this project.

11. Cost benefit ratio: As per cost benefit analysis provided in the proposal, the cost benefit ratio is

2.22

12. Utility of the project: As per details provided in the proposal,

- ERCP is planned to harvest surplus yield available in the Southern Rajasthan rivers and transfer it to deficit basins in South-Eastern Rajasthan.
- This scheme is planned to meet the Drinking and Industrial water needs of the 13 districts of the Southern & South-Eastern Rajasthan.
- To avail immediate benefits by strengthening surface water availability in the area.
- The project will generate employment for several unemployed, thus reducing the rate of unemployment.
- The barrage will act as a flood control measure for downstream of barrage in river Kalisindh and Chambal.

13. Whether land being diverted has any socio-cultural/ religious value: No

14. Whether any sacred grove or very old growth tree/ forests exist in the area proposed for diversion: No


15. Whether the land under diversion forms part of any unique eco-system: No

16. Situation W.R.T. any P.A.- Presence of rare & endangered wildlife is not reported in forest area proposed for diversion. No National Park, Wildlife Sanctuaries, Biosphere Reserves, Tiger Reserve, Elephant Corridor, etc. is located within 1 km from boundary of the forest land proposed as per information provided in part II of the proposal.

17. Recommendations of the Principal Chief Conservator of Forest/ State Govt.- Recommended

18. 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 in lieu of area diverted for Hathiyadeh dam is coming under submergence area of Navnera dam. Though this NFL has been treated as forest land in the present proposal and included in area proposed for diversion, however , this 44 ha of Compensatory afforestation may be compensated elsewhere.


08.07.2024
DIG (Central),
Regional Officer
IRO, Jaipur

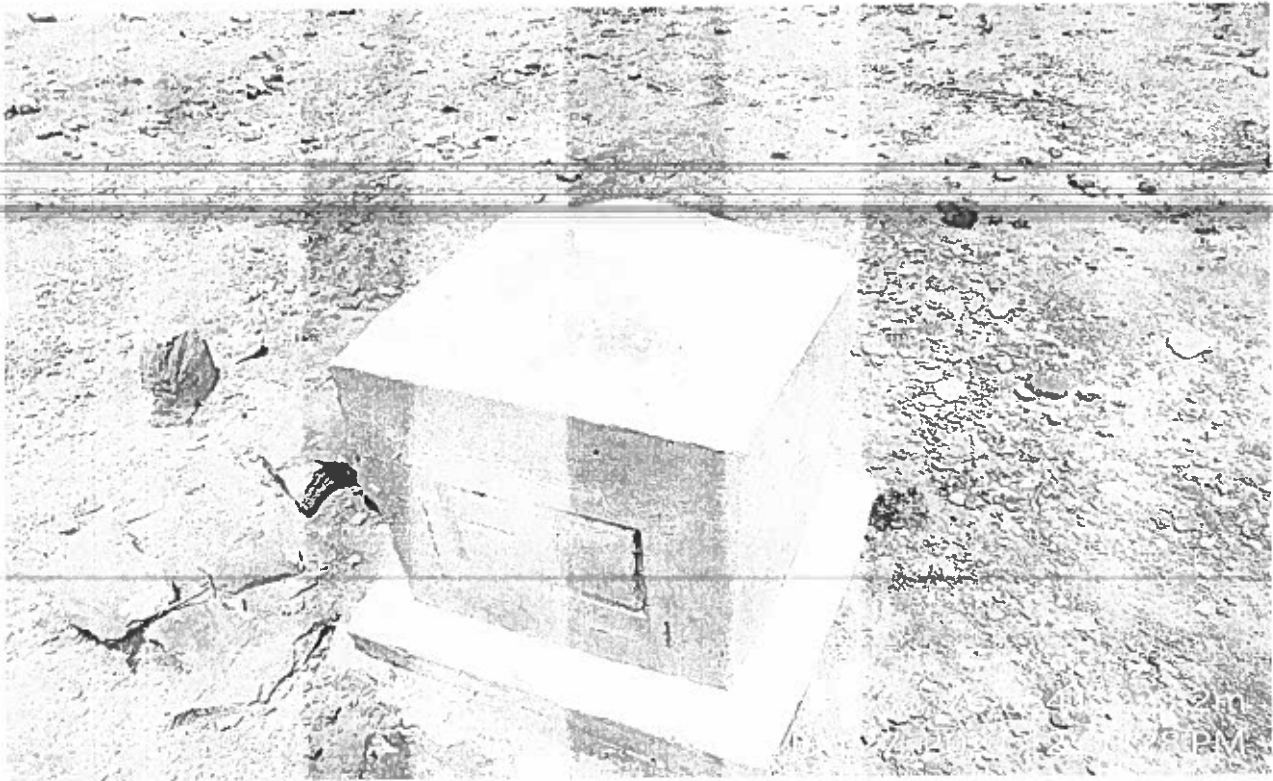


Fig.1 Pillar on CA Site

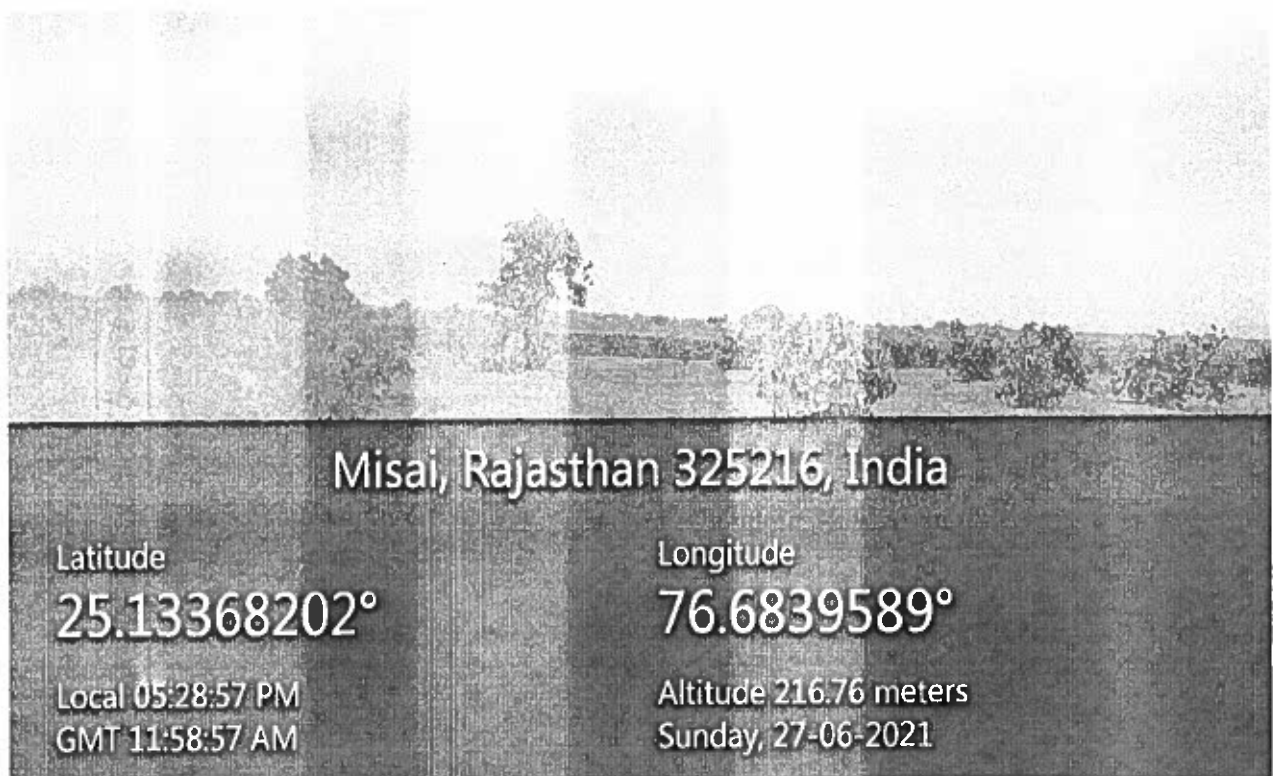


Fig.2 CA Site in Baran district

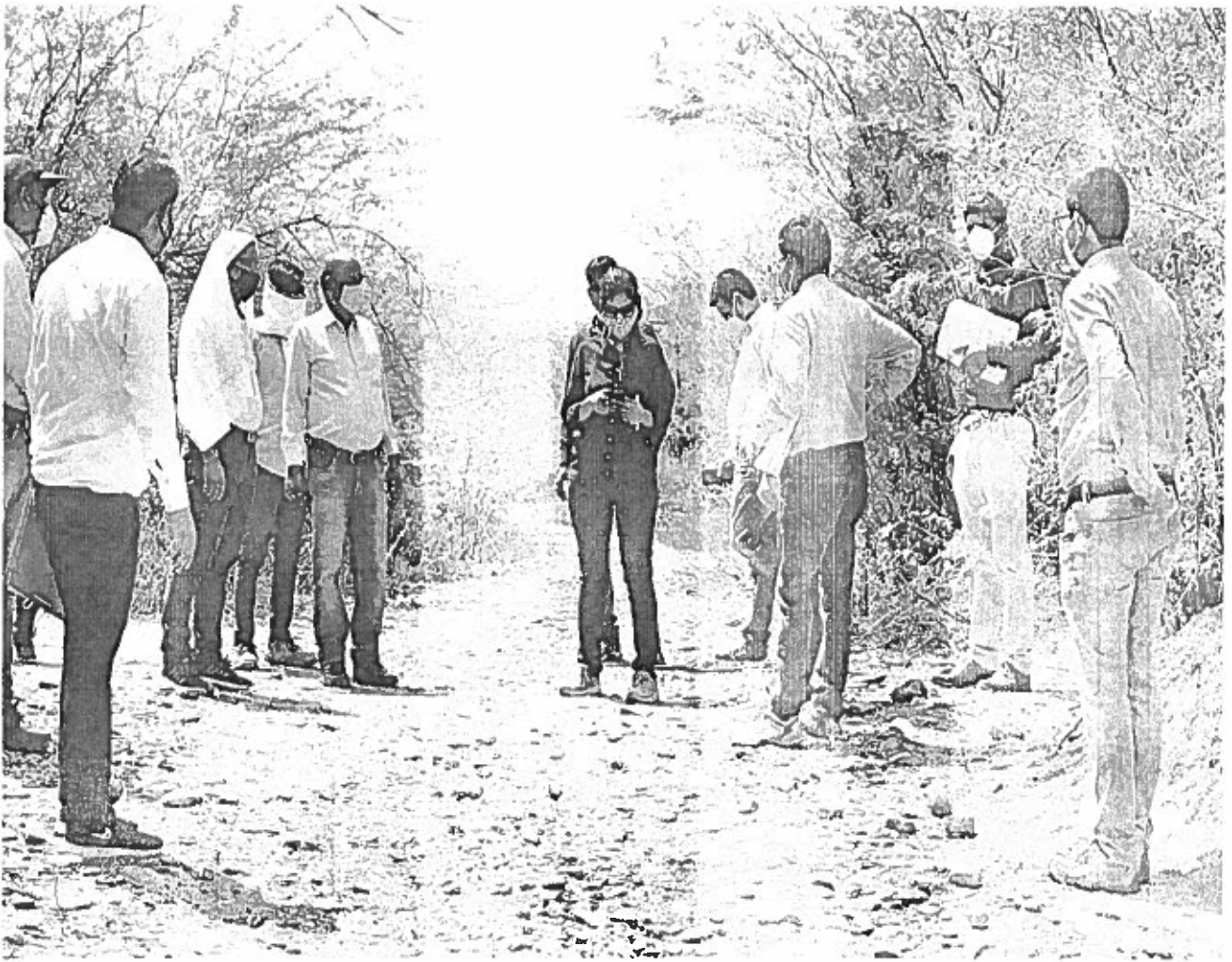


Fig.3 Site inspection with the Officials of Forest Department and User Agency



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