

JOBAT PROJECT

(COMPLETED)

Introduction :-

Jobat Irrigation Project is one of the 29 major projects identified in the Narmada Master Plan for implementation. The project site is near village Waskel and is about 24 km from Kukshi. The project provides irrigation in an area of 9848 hectares of 24 villages of Kukshi Tehsil and Kukshi Vidhan Sabha area of Dhar district. The project shall provide irrigation benefits to 2450 families, out of which 34 families belong to schedule cast (1%), 1179 families belong to schedule tribe (49%) and remaining 1237 families (50%) belong to general category.

Salient Features :-

The project envisages construction of a 38.60 m high and 462.50 m long composite gravity dam across the river Hathni, a tributary of river Narmada near village Waskal, with an approved cost of Rs. 166.43 crores. The revised estimated cost of Rs. 230.61 Crores has been approved by C.W.C. and T.A.C. The reservoir lake is spread over in an area of about 13.10 sq. km and creates a storage of 77.84 M Cum. 13 villages of Jhabua district are partially affected from the submergence of the project. Out of total submergence of 1310.09 hectares of land getting submerged, 798.49 ha of private land, 388.38 ha of Govt. land and 123.22 ha of Forest land is affected. 909 families displaced from the project have been rehabilitated in Umda, Chhoti Khattali, Machalia, Waskal and Bhiti villages as per State Rehabilitation Policy.

The principal parameters of dam are as follow :-

TBL	-RL 263.60 M
MWL	-RL 260.17 M
FRL	-RL 260.17 M
Crest Level	-RL 247.67 M
Canal sill level	-RL 249.50 M
MDDL	-RL 251.00 M
Dead Storage	-7.80 M Cum.
Live Storage	-70.04 M Cum.
Total storage	-77.84 M Cum.
Radial Gates (No. x size)	-8 No (15 x 12.50 m)
Design flood	-9980 cumecs.

3

The project provides irrigation on left bank by canal net works as per details given here under :

Name of Canal	Main Canal	Length of Distributaries Km	Minors & Sub minors	Irrigation Benefited villages (No.)	Area (Ha.)
Left Bank Canal	29.73	58.12	93.76	24	9848

Present Status :-

- The work on main dam including erection of radial gates is completed.

- The canal networks is complete.

The irrigation potential in 9848 ha. area from canal net work has been created.