

Bahuti Canal Scheme

Bahuti Canal Scheme has been proposed to Irrigate 115000 Ha. Land of Rewa & Satna Distt. using the water of Bansagar reservoir by flow and Partial lift. The main canal of Scheme will take off the discharge from reservoir near village GulwarGujara of Ramnagar Tehsil of Satna Distt. The main canal of Bahuti is 74 km. long & head discharge is 54 cumecs at its offtake point. The bed level of Bahuti Main Canal has been kept at RL 332.00 meter with full supply level RL 335.85 meter. It is expected that during the year of scanty rain fall the reservoir level of Bansagar Dam may go down below RL. 335.85 meter (probably in the month January onwards) when requirement of water for Irrigation will be approximately 10 cumecs. To feed the canal in such period provision of pumping arrangement has also been made to lift the water from reservoir (from MDDL RL 323.10 meter to the level RL 335.50 meter.)

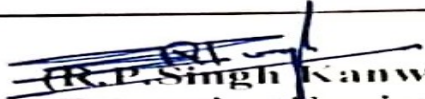
The Pump house for lifting the water for canal discharge has been proposed to be constructed in village Amjhor Ramadhin of Ramnagar Tehsil. The main canal will be feeded by 5.6 km. long feeder or approach channel. The canal bed level of feeder or approach channel has been kept at average RL 339.2 meter at its starting point.

SALIENT FEATURES OF BAHUTI CANAL SCHEME

A. General Data :

1. Name of Scheme: Bahuti Canal Scheme
2. Distt. : Rewa & Satna
3. Tehsil Rewa (Raipur, Gurh, Mangawan, Naigarhi, Mauganj,) Satna (Amarpatan)
4. Location of offtake Point Feeder approach channel from Village Amjhor Ramadhin to village GulwarGujara of Ramnagar Tehsil
Head sluice in village GulwarGujara of Ramnagar Tehsil
5. Location of Tunnel From RD. 18.0 km. to 21.79 km. (3.790 km. long)
Tunnel is located in Karijhar village of Sidhi Distt at inlet Point and its exit point is in Bansi village (near Govindgarh) Distt. Rewa. Tunnel Passes through Govindgarh extension forest of Rewa & Sidhi Distt.

CAT plan is not required for this project. This Project comes under extension of command area of Bansagar Dam via Bahuti canal. Hydel Power Generation is already constructed during the construction of Bansagar dam. This scheme is only extension of CCA area.


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