

# **Bahuti Canal Scheme**

Bahuti Canal Scheme has been proposed to Irrigate 65000 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 Gulwar Gujara of Ramnagar Tehsil of Satna Distt.

The main canal of Bahuti is 74 km. long & head discharge is 45 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 335.50 meter.

It is expected that during the year of scanty rain fall the reservoir level of Bansagar Dam may go down below RL. 335.50 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 resevior (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 Amjhuri Ramadhin of Ramnagar Tehsil. The main canal will be feeded by 6.3 km. long feeder or approach chenal The canal bed level of feeder or approach channel has been kept at average RL 334 meter at its starting point.

## **SALIENT FEATURES OF BAHUTI CANAL SCHEME**

### **A. General Data :**

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|------------------------------|--|
| 1. Name of Scheme:           | Bahuti Canal Scheme  |
| 2. Distt. :                  | Rewa & Satna   |
| 3. Tehsil                    | Rewa (Raipur, Gurh, Mangawan, Naigarhi, Mauganj,<br>Satna (Amarpatan)  |
| 4. Location of offtake Point | Feeder approach channel from Village Amjhuri<br>Ramadhin to village Gulwar Gujara of Ramnagar Tehsil<br>Head sluice in village Gulwar Gujara of Ramnagar Tehsil  |
| 5. Location of Tunnel        | From RD. 18.0 km. to 21.908 km. (3.908 km. long)<br>Tunnel is located in kariajhar village of sidhi Distt at inlet<br>Point and its exit point is in Bansi village (near<br>Govindgarh) Distt. Rewa. Tunnel Passes through<br>Govindgarh extension forest of Rewa & Sidhi Distt. |

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