



**GOVERNMENT OF ODISHA
DEPARTMENT OF WATER RESOURCES**

**ANNUAL REPORT OF SALANDI CANAL DIVISION, BHADRAK
FOR THE YEAR 2015-16**

**Executive Engineer,
Salandi Canal Division,
Bhadrak**

JURISDICTION OF SALANDI CANAL DIVISION, BHADRAK

Salandi Dam across River Salandi at Hadgarh has been constructed at a Latitude of 21-17'-18" and Longitude of 86-18'-00" East. A Barrage has also been constructed across river Salandi at Bidyadharpur 6.50Km. downstream of the Dam at Hadgarh. Salandi Main Canal off-takes from the Barrage at Bidyadharpur. The Charampa Branch Canal off-takes from RD.6.84Km. of Main Canal at Ambahata & other Distributary, Minors & Sub-Minors off-takes from Charampa Branch Canal. The Salandi Project with its canal system was commenced during the year 1960-61 & completed during 1981-82 with a total cost of Rs.1786.39 Lakhs.

Salandi Canal Division, Bhadrak looks after the maintenance work of Salandi Left Canal System. The left canal system of Salandi Irrigation Project having a total ayacut of 45482.00 Ha. spreads through three districts & seven blocks as detailed below .

A. DETAILS OF AYACUT

| Sl.No. | Name of the Project/ Division | Khariff Programme 2015-16 | | | | | Remarks |
|--------|--|---------------------------|----------------|------------|---------------------|--|---------|
| | | Name of District | Tahasil | Block | Designed CCA in Ha. | Khariff Programme for the year 2015-16 | |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 |
| 1 | Salandi Irrigation Project (Salandi Left Canal System) / Salandi Canal Division, Bhadrak | Bhadrak | Bhadrak | Bhadrak | 13029 | 13271 | |
| | | | Bonth | Bonth | 1148 | 1067 | |
| | | | Tihidi | Tihidi | 6915 | 6798 | |
| | | | Basudevpur | Basudevpur | 5243 | 5501 | |
| | | | TOTAL | | 26335 | 26637 | |
| | | Balasore | Simulia | Simulia | 13886 | 13626 | |
| | | | Khaira | Khaira | 5135 | 4856 | |
| | | | Khaira | Khaira | 351 | 351 | |
| | | | TOTAL | | 19372 | 18833 | |
| | Keonjhar | Hatadihi | Hatadihi | 13 | 12 | | |
| | | | G.TOTAL | | 45720 | 45482 | |

B. DETAILS OF CANALS

| | | |
|-----|-------------------------------|-------------------|
| (a) | Length of Main Canal | 7.00 km |
| (b) | Length of Branch Canal | 38.50km |
| (c) | Length of Distributaries | 137.50km. |
| (d) | Length of Minors & Sub-minors | <u>290.00km</u> |
| | Total : | <u>473.00 km.</u> |

Out of above 473.00 Km. of Canals 176.22Km. of Canal banks are used for communication purpose.

C. **DETAILS OF EMBANKMENTS**

Apart from the above, this Division looks after repair & maintenance of different category of embankments as detailed below .

| | <u>Name of Embankment</u> | <u>Length in km.</u> | <u>Name of District</u> | <u>Constituency</u> |
|----|--|--------------------------|-------------------------|---------------------|
| A. | <u>River Embankment</u> | | | |
| 1. | C.E. No.2A on Salandi Right | 14.50 | Bhadrak | Bhadrak |
| 2. | O.A.E. on Salandi left | 10.50 | Bhadrak | -do- |
| 3. | O.A.E. on Salandi Right | 10.50 | Bhadrak | -do- |
| 4. | Bedpur-Kabirpur Embkt.on Kansabans Rt. | 10.50 | Balasore | Simulia |
| 5. | Bauripada-Radhaballavpur Embkt. On Kansabansa Right. | 5.00 | Balasore | Simulia |
| | | Total : 51.00 | | |
| B. | <u>Saline Enbankments</u> | | | |
| 1. | Paramanandapur-Charadia ,Haripur Saline Embankment on Baitarani left | 30.00 | Bhadrak | Chandabali |
| 2. | Galia guide saline embankment left & right | 8.00 | Bhadrak | -do- |
| 3. | Bahuharipur Saline embankment on Baitarani left. | 11.00 | Bhadrak | -do- |
| 4. | Jantuali-Biradia saline embankment on Matei right. | 7.00 | Bhadrak | -do- |
| 5. | Kandha-Neduali Embkt.on Baitarani Left. | 9.90 | Bhadrak | -do- |
| | | Total : 65.90 | | |
| C. | <u>T.R.Embankments</u> | | | |
| 1. | Chandabali Hengupati T.R.E. | 26.00 | Bhadrak | Dhamnagar |
| 2. | Kaudiajore TRE | 6.00 | Bhadrak | Chandabali |
| 3. | Nunajore T.R.E.(Left & Right) | 31.40 | Bhadrak | Chandabali |
| 4. | Pirahat -Hengupati T.R.E. | 3.00 | Bhadrak | Chandabali |
| 5. | Kelasahi-Barasar T.R.E | 3.40 | Bhadrak | Chandabali |
| 6. | Approach to Biswanathpur sluice | 2.00 | Bhadrak | Chandabali |
| 7. | Approach to Arjunbindha sluice | 7.00 | Bhadrak | Chandabali |
| 8. | Mantei R/E | 10.50 | Bhadrak | Chandabali |
| 9. | Chandabali Tintor T.R.E. | 6.00 | | |
| | | Total : 95.30 | | |
| | | Grand Total : 212.20 km. | | |

There are 5 Nos. of Sub-Divisions under Salandi Canal Division, Bhadrak.

1. Bhadrak Irrigation Sub-Division, Bhadrak
2. Salandi Irrigation Sub-Division No.I,Ria,Markona
3. Salandi Irrigation Sub-Division No.II, Khaira
4. Chandabali Irrigation Sub-Division, Chandabali
5. Salandi Dam Sub-Division,Hadagarh.

In Re-structure Salandi Dam Sub-Division will merge under Anandapur Barrage Division, where as Dhamanagar Irrigation Sub-Division under Jajpur Irr.Division will merge under this Division soon.