



***GOVERNMENT OF ORISSA***  
**DEPARTMENT OF WATER RESOURCES**

**ANNUAL REPORT**  
**OF**  
**TITILAGARH IRRIGATION DIVISION, TITILAGARH**  
**FOR**  
**THE YEAR 2016-17**

**April'2017**

**Executive Engineer**  
**Titilagarh Irrigation Division**  
**Titilagarh**

# ANNUAL REPORT OF TITILAGARH IRRIGATION DIVISION FOR THE YEAR 2016-17

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Titilagarh Irrigation Division was created during 2000-2001 for Construction of Titilagarh Irrigation Project (Stage-II) i.e. a Dam across Kankadajore Nallah to irrigate 286Ha land of Muribahal Block & 1714Ha land of Titilagarh Block of Bolangir District.

Prior to this Titilagarh Irrigation Project (Stage-I) i.e. Barrage across Jamunajore was constructed and completed by Bolangir Irrigation Division. The total expenditure incurred for construction of Titilagarh Irrigation Project (Stage-I) is 6.980Crore. The running and maintenance of Barrage along with its distribution system are within the control of Titilagarh Irrigation Division after creation of Titilagarh Irrigation Division. This Division is also entrusted with the Flood Protection work of River UNDER, TANGJORE and river Tel. Besides the above this division is also entrusted with the survey & investigation works under C.E, P.P.F & I.

## Component wise Budget ad Expenditure during the Financial Year 2016-17:

1. Plan Scheme under Chief Engineer & Basin Manager, Tel Basin:

Sl. No	Head	Allotment in Lakhs	Expenditure in lakhs
1	Salary of Regular staffs	98.81	97.95
2	Salary of W/C staffs	35.48	35.24
3	Works	253.21	253.18
4	R & R	41.88	41.88
	<b>Total</b>	<b>429.38</b>	<b>428.25</b>

2. Non Plan Scheme under Chief Engineer & Basin Manager, Tel Basin:

Sl. No	Head	Allotment in Lakhs	Expenditure in lakhs
1	Maintenance work Critical	9.000	9.00
2	Maintenance work	3.000	2.999
3	Roads & Bridges	9.000	9.000
4	Spl. Repair	1.000	1.000
5	Non-Residential Building	2.500	2.499
6	Residential Building	3.000	3.000
	<b>Total</b>	<b>27.500</b>	<b>27.499</b>

3. Plan Scheme under Chief Engineer & Basin Manager, Lower Mahanadi Basin:

Sl. No	Head	Allotment in Lakhs	Expenditure in lakhs
1	River Embankment	84.000	84.000
2	Restoration	48.500	48.495
	<b>Total</b>	<b>132.500</b>	<b>132.495</b>

4. Non Plan Scheme under Chief Engineer & Basin Manager, Lower Mahanadi Basin:

Sl. No	Head	Allotment in Lakhs	Expenditure in lakhs
1	River Embankment	20.000	20.000
2	Flood Control & Drainage	50.000	49.999
3	Roads & Bridges	5.000	5.000
	<b>Total</b>	<b>75.00</b>	<b>74.999</b>

5. Plan Scheme under Chief Engineer, PPF & I:

Sl. No	Head	Allotment in Lakhs	Expenditure in lakhs
1	PPF	16.670	16.670
	<b>Total</b>	<b>16.670</b>	<b>16.670</b>

Titilagarh Irrigation Division has 3 Sub-Divisions,

- .Titilagarh Irrigation Sub-division No-I
- Titilagarh Irrigation Sub-division No-II
- Titilagarh Irrigation Sub-division No-III

**STAFF POSITION OF TITILAGARH IRRIGATION DIVISION:**

1. Sri Ashok Samal, EE
2. Sitiesh Kumar, DAO (Addl.Charge)
3. Sri B.C.Sahoo, Sr.Clerk
4. Sri K.Naik, Jr.Clerk (Relieved on 31.07.16 consequent upon his transfer)
5. Sri B.K.Patra, Jr.Clerk (Relieved on 31.08.16 consequent upon his promotion)
6. Sri S.Pradhan, Jr.Clerk
7. Sri.M.K.Bhinde, Draughtsman.

8. Sri J.Majhi, Peon
9. Sri M.K. Behera, Peon
10. Sri B.Jhadia, NWCS
11. Sri A.K. Garada, NWCS
12. Smt G.Badatia, Peon

**TITILAGARH IRRIGATION SUB DIVISION NO-I:**

**Staff position**

1. Sri Jitray Baskey, AEE
2. Sri S.K.Nag, AE
3. Sri H.B.Behera, JE
4. Sri.A.Pradhan, JE(Contractual)
5. Smt.D.Sumitra, Peon (Relieved on 31.07.16 consequent upon his transfer)
6. Sri A.Mohanty, NWCS (Retired on 31.12.16 on attaining the age of superannuation)

Titilagarh Irrigation Sub-Division No-I is in charges of Survey and investigation works of Tel Barrage Project near village Kukedmal and Manikpur, Lower Lanth Barrage Project near village Deng and Tustapali & Surubalijore Barrage Project near village Tentelkhal under Chief Engineer, Project planning formulation and Investigation.

The feasibility report of the “Lower Lanth Barrage Project near village Tustapali” has been submitted to the Chief Engineer Project Planning Formulation & Investigation, Odisha, BBSR vide this office letter no-1763/we dated 16.12.2016 which has been checked at his level and found to be in order. As asked by the CE, PPF&I vide his letter no.4156 dtd. 20.12.2016 the memorandum of the project has been prepared by this office and submitted to Chief Engineer vide T.O. Lr No. 1771/we dtd. 21.12.2016 to be placed before the state TAC. As per the instruction of the CE, PPF&I, the ayacut contour survey has been considered to be taken up for preparation of Detail Project Report at the earliest possible and accordingly ayacut survey has been taken.

During 2016-17, an allotment of Rs 16.67 lakhs has been received for ayacut contour survey of Lower Lanth Irrigation Project near village Tustapali and Rs 16.67 lakhs has been spent. The details of work done are as below:

Sl. No.	Name of works/Items	Total Quantity as per S/I in Ha	Completed as on 03/17
1	S/I of Lower Lanth Barrage Project near village Tustapali/ayacut contour survey.	4500.00	4525.00

**TITILAGARH IRRIGATION SUB DIVISION NO-II: -**

**Staff position**

1. Sri H.S.Mishra, Addl.charges of DEE.
2. Sri M.R.Kishan, JE
3. Sri P. Kujur, AE (Joined on 29.03.2017)
4. Smt. Sunita Pradhan, Peon

The works entrusted to Titilagrh Irrigation Sub Division No-II are:

- Titilagarh Irrigation Project (Stage-I) i.e. Barrage across Jamunajore Nallah along with its distribution system. The work has been supervised by Sri Jitray Baskey, AEE, T.I.Sub Divn-I, Sri M.R. Kishan, JE and Sri Abhilash Ku Pradhan, JE as per instruction of Executive Engineer, Titilagarh Irrigation Division.
- Flood protection embankment work on both left and right bank of river UNDER covering Titilagarh Block and a part of Bongomunda Block .Flood protection embankment on both left and right bank of TANGJORE(Titilagarh Block) and Flood protection embankment on left bank of river TEL (Titilagarh Block. The Flood Protection work are supervised by Sri M.R. Kishan, JE, Sri S.K. Mishra ,JE, Sri A.K. Singh, JE, Sri H.B. Behera, JE and Sri A.K. Pradhan, JE as per instruction of Executive Engineer, Titilagarh Irrigation Division.

### STAGE-I

▪ During 2016-17, Titilagarh Irrigation Division has received an allotment of **Rs.12.00 lakhs** under Non Plan Grant for maintenance of Titilagarh Irrigation Project (stage-I) and 9.00 lakhs under Non Plan Grant (Road & Bridges) vide C.E. & B.M., Tel Basin.

Out of funds received during 2016-17, the details of work done and expenditure incurred work wise are as below.

Sl .No	Name of Wok	Agreement No	Agreement Amount	Expenditure	Remarks
1	Impvt. to Katarkela M/R off taking at RD 6332 m. of TMC of TIP, Stage-I	18 F2/ 16-17	230082.00	222802.00	Completed
2	Impvt. to Kendumundi S/M-II off taking at RD 4945 m. of TMC, Stage-I	29 F2/ 16-17	157493.00	154651.00	Completed
3	Impvt. to Katarkela S/M-II off taking at RD 1300 m. of Katarkela M/R of TIP, Stage-I	19 F2/ 16-17	163016.00	163016.00	Completed
4	Impvt. to Katarkela S/M-I off taking at RD 6860 m. of TMC of TIP, Stage-I	27F2/ 16-17	63805.00	53419.00	Completed
5	Impvt. to Laitara M/R off taking at RD 5800 m. of TMC of TIP, Stage-I	21 F2/ 16-17	167314.00	166511.00	Completed
6	Impvt. to Laitara S/M off taking at RD 5300 m. of TMC of TIP, Stage-I	22 F2/ 16-17	124100.00	124100.00	Completed
7	De-silting of TMC from RD 6130 m. to 7000 m. of TIP, Stage-I	23 F2/ 16-17	198573.00	120000.00	Completed
8	De-silting of TMC from RD 0.00 m. to 5800 m. of TIP, Stage-I	44 F2/16-17	199677.00	197447.00	Completed

Out of maintenance grant Rs.9.00 lakhs has been received for maintenance of Road & Bridge and the details of work done and expenditure incurred work wise are as below.

Sl No	Name of Wok	Agreement No	Agreement Amount	Expenditure	Remarks
1	Repair to Service road of TMC from RD 220 m. to 4200 m.	25 F2/ 16-17	408388.00	407223.00	Completed
2	Repair to Srvicce Road of TMC from RD 4380 m. to 5419 m.	31 F2/ 16-17	283313.00	282501.00	Completed
3	M/R to Service road of SMC from RD 00 to 1300 mtr. Of TIP (stage-II)	49F2/16-17	275331.00	236155.00	Completed

The details of irrigation provided after completion of above work through different canal under T.I.P Stage-I are as below.

Sl No	Name of Canal	Designed Ayacut in Ha.	Ayacut covered during Khariff 2016-17 in Ha.
1	Titilagarh main canal	160.540	96.56
2	Kendumundi Minor-I	53.032	53.032
3	Kendumundi Minor-II	65.486	65.486
5	Laitara Sub Minor	21.854	21.854
6	Laitara Minor	31.804	31.804
7	Katarkela Minor	8.378	8.378
8	Katarkela sub Minor-I	26.949	26.949
9	Kapsibhata Minor	12.812	0.00
10	Kapsibhata Sub Minor	16.009	0.00
11	Serko Minor	34.437	0.00
12	Katarkela Sub Minor-III	39.368	0.00
	<b>Total</b>	<b>470.669</b>	<b>304.063</b>

The details of village wise area irrigated for year 2016-17 are as below:

1. Titilagarh - 6.451 Ha
2. Kendumundi - 82.166 Ha
3. Kumuda - 85.763 Ha
4. Laitara - 86.032 Ha
5. Katarkela - 110.686 Ha

**Total 371.098 Hactare**

**FLOOD PROTECTION EMBANKMENT WORK**

The existing river wise lengths of embankment constructed prior to 2016-17 are as below.

Name of River	Length of embankment in KM			Remarks
	Left Bank	Right Bank	Total	
<b>TEL</b>	2.751	00	2.751	
<b>UNDER</b>	10.203	11.047	21.05	
<b>TANGJORE</b>	0.242	0.960	1.202	
<b>Total</b>	13.196	12.007	25.203	

▪ During 2016-17, Titilagarh Irrigation Division has received an allotment of **Rs.132.50 lakhs** under Plan Scheme and 75.00 lakhs under Non Plan Scheme vide C.E. & B.M., L.M.B.

Out of funds received during 2016-17, the details of work done and expenditure incurred work wise are as below.

**State Plan (RE) Demand No-20 -4711-01-796-0101-37107(River embankment):**

Sl No	Name of Wok	Agreement No	Agreement Amount	Expenditure	Remarks
1	Restoration and Protection to F.P.E. along right bank of river "UNDER" near village Marlad.	01 P1/ 15-16	1549040.00	672000.00	Completed
2	Restoration and protection to F.P.E. along right bank of river UNDER near village Kursud from RD 775 m. to 1065 m.	08 P1/ 15-16	1035676.00	749000.00	completed
3	Extension of F.P.E. along right bank of river UNDER near village Binekela	10 P1/ 15-16	2417871.00	2244000.00	Completed
4	Extension of F.P.E. along left bank of river UNDER from village Kurdiamunda to Balbeng	11 P1/ 15-16	2423197.00	2387000.00	Completed
5	Extension of F.P.E. along left bank of river Under near village Bhuslad	15 P1/ 15-16	2421436.00	1029000.00	completed



6	Restoration and protection to F.P.E. along right bank of river UNDER near village KURSUD from RD 1470 m. - RD 1783 m.	03 P1/ 16-17	1331168.00	1321000.00	Completed
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**State Plan (Restoration) Demand No-20-4711-01-796-0101-37217(Restoration)**

Sl .No	Name of Wok	Agreement No	Agreement Amount	Expenditure	Remarks
1	Restoration of FPE along right bank of river Under from village Limpara to Lodhipara	02 P1/ 15-16	1385352.00	1383000.00	Completed
2	Restoration of FPE along right bank of river Under near village kursud from RD1065 mtr. To 1355mtr.	09 P1/ 15-16	1788213.00	1769000.00	Completed
3	Restoration of FPE along left bank of river Under near village Mamia	12 P1/ 15-16	1933606.00	1697000.00	Completed

**Non Plan( FC&D) Demand No- 20-2711-01-800-1214-21087 (Critical Lump)**

Sl .No	Name of Wok	Agreement No	Agreement Amount	Expenditure	Remarks
1	Extension of F.P.E. along right bank of Tang Jore near village Silanda	04 P1/ 15-16	871275.00	862000.00	Completed
2	Extension of F.P.E. along left bank of Tang Jore near village Gandhargala	05 P1/ 15-16	859612.00	802000.00	Completed
3	Extension of F.P.E. along right bank of river Tang Jore near village Kurlubhata	06 P1/ 15-16	571826.00	524000.00	Completed
4	Improvement of F.P.E. along left bank of river UNDER near village Mamia	13 P1/ 15-16	976374.00	896000.00	Completed
5	Improvement to F.P.E. along left bank of river UNDER near village Telsarei	14 P1/ 15-16	562657.00	560000.00	Completed
6	Improvement to F.P.E. along right bank of river UNDER near village Chandutara	03 P1/ 15-16	1200023.00	1207000.00	Completed
	Extension of FPE along left	08/F2/15-16	51000	51000.00	

7	bank of river UNDER from village Kurdiamunda to balbeng				Completed
8	Repair and maintenance to FPE along left bank of river UNDER near village Telsarei	66F2/16-17	98000	98000.00	Completed

**Non Plan( R&B) Demand No- 20-3054-80-800-2450-21033 (Roads & Bridges)**

Sl No	Name of Wok	Agreement No	Agreement Amount	Expenditure	Remarks
1	Improvement to road over FPE along right bank of river Under from village Goudtala to Digsira	07 P1/ 15-16	466909.00	466909.00	Completed

**Physical assets created:-**

Sl No	Items	Name of village	River	Length in Mtr
1	Extension of FPE	Balbeng, Kurdiamunda, Binekela, Bhuslad	UNDER	2953
2	Extension of FPE	Kurlubhata, Gandhargala, Silanda	TANGJORE	1227
3	Resoration, Raising and strengthening of FPE	Chandutara, Telsarei, Mamia, Lodhipara, Limpara, Mamia	UNDER	2723
4	Protection work to FPE(Construction Guard Wall)	Chandutara	UNDER	45
5	Improvement to road over FPE	Goudtala to Digsira, Digsira	UNDER	570

**TITILAGARH IRRIGATION SUB DIVISION NO-III: -**

**Staff position**

1. Sri H.S.Mishra, AEE
2. Sri A.Sahu, AE (is in charge of Division Estimator)
3. Sri S.K.Mishra, JE
4. Sri A.K.Singh, JE

- Titilagarh Irrigation Sub-division No-III is in complete charges of Titilagarh Irrigation Project (Stage-II). The Project was planned to be completed by March 2017. Accordingly the balance works were taken up for completion of project

The allotment received and expenditure incurred under different head of accounts for T.I.P stage-II are as below.

Sl. No	Head	Allotment in Rs.	Expenditure in Rs.	Percentage
1	Plan	29508000	29506000	99.99
2	Non-Plan	550000	549903	99.99

Out of funds received during 2016-17, the details of work done and expenditure incurred work wise are as below.

Sl No	Name of Wok	Agreement No	Agreement Amount	Expenditure	Remarks
1	Construction of Service Road of Sirol Main Canal from R.D. 9.407 Km. to R.D. 11.645 Km. & R.D. 11.840 Km. to R.D. 12.490 Km.	01 P1/ 16-17	2935176.00	2927400.00	Completed
2	Construction of Service road of Sirol Main Canal from RD 1.327 km - RD 2.510 km , RD 2.925 km - RD 4.395 km , RD 4.410 km - RD 6.497 Km.	02 P1/ 16-17	5047930.00	5087493.00	Completed
3	Construction of Service road of Sirol Main Canal from RD 6.497 km - RD 6.800 km , RD 7.379 km - RD 7.438 km , RD 7.443 km - RD RD 9.255 Km & RD 9.262 Km to RD 9.407 Km	05 P1/ 16-17	2516002.00	2522720.00	Completed
	Rough Stone Dry packing & Back				

4	filling of Structures at RD 12180 m. & 12490 m. of Sirol Main Canal of TIP, Stage-II.	38 F2/ 16-17	60686.00	60671.00	Completed
5	Desilting & Weed clearance of S.M.C. from RD 10 m. to 9407 m.of TIP	35 F2/ 16-17	478522.00	478522.00	Completed
6	Desilting & Weed clearance of S.M.C. from RD 9407 m. to 12490 m.of TIP	42 F2/ 16-17	51478.00	51478.00	Completed
7	Excavation of Rock in S.M.C. from RD 2762 m. to 2900 m. of TIP, Stage-II ( <b>Balance Work</b> )	36 F2/ 16-17	354643.00	279824.00	Completed
8	Restoration and Balance work of Sihini Sub-Minor-II of Titilagarh Irrigation Project, Stage-II.	01 F2/ 16-17	328382.00	321578.00	Completed
9	Restoration and Construction of Balance work of Ghodar Distributary from RD 1680 m. to RD 2200 m. of T.I.P.	02 F2/ 16-17	448241.00	436577.00	Completed
10	Restoration of Bachhajujha Sub Minor Canal of T.I.P	04 F2/ 16-17	53295.00	52436.00	Completed
11	Restoration and Construction of Balance work of Bhatipara Minor of T.I.P.	05 F2/ 16-17	416525.00	325426.00	Completed
12	Restoration and Construction of Balance work of Udepur Minor from R.D. 00 m. to RD 800 m. of T.I.P.	06 F2/ 16-17	496230.00	476835.00	Completed
13	Restoration and Construction of Balance work of Udepur Minor from R.D. 900 m. to RD 2850 m. of T.I.P.	07 F2/ 16-17	469649.00	464746.00	Completed
14	Restoration and Construction of Balance work of Ghodar Distributary from RD 0.00 m. to RD 1600 m. of T.I.P.	09 F2/ 16-17	493461.00	488874.00	Completed
15	Restoration and Construction of Balance work of Ghodar Sub Minor of T.I.P.	10 F2/ 16-17	239466.00	222914.00	Completed
16	Restoration of Bachhajujha Minor of T.I.P	11 F2/ 16-17	210334.00	135553.00	Completed
17	Restoration of Chitarol Minor of T.I.P.,Stage-II.	12 F2/ 16-17	77643.00	74825.00	Completed
18	Restoration of Ghodar Minor of T.I.P	13 F2/ 16-17	101103.00	97515.00	Completed

19	Restoration and Construction of Balance work of Ghodar Distributary from RD 2300 m. to RD 3445 m. of T.I.P	14 F2/ 16-17	453501.00	444473.00	Completed
20	Restoration and Construction of Balance work of Belpadar Sub Minor-II of T.I.P. stage-II	15 F2/ 16-17	108892.00	72945.00	Completed
21	Restoration and Construction of Balance work of Belpadar Sub Minor-I of T.I.P. stage-II	17 F2/ 16-17	186601.00	157897.00	Completed
22	Restoration and Construction of Balance Work of Turla Sub-Minor from RD 650 m. to RD 1528 m. of T.I.P., Stage –II	24 F2/ 16-17	344771.00	342690.00	Completed
23	Restoration & Constn. Of Balance work of Darlo M/r from RD 00 m. to 1140 m. of TIP, Stage-II	40 F2/ 16-17	335477.00	241265.00	Completed
24	Protection work to Ghodar MR of TIP, Stage-II	26 F2/ 16-17	117601.00	118393.00	Completed
25	Restoration & Constn. Of Balance work of Jagua S/M of TIP.	28 F2/ 16-17	90518.00		Ongoing work
26	Restoration & Constn. Of Balance work of Satighat Disty. Of TIP, Stage-II.	32 F2/ 16-17	407458.00	379210.00	Completed
27	Constn. Of Darlo Minor from RD 1140 m. to 2358 m. of TIP, Stage-II	33 F2/ 16-17	403569.00	257476.00	Completed
28	Restoration and Construction of balance work of Jagua Minor from R.D. 16 m. to R.D. 460 m. of T.I.P., Stage –II.	41 F2/ 16-17	491555.00	267859.00	Ongoing work
29	Restoration and Construction of balance work of Jagua Minor from R.D. 500 m. to R.D. 1776 m. of T.I.P., Stage –II.	37 F2/ 16-17	516169.00		Work not yet started
30	Balance work of Construction of Dam top road (Black topping) From Rd.00 mtr to Rd.698.00 mtr of Titilagarh Irrigation Project, Stage-II.	04 P1/ 16-17	1456251.00	1455674.00	Completed
31	Constn. Of Salient Features Board at Dam site & Constn. Of D/S Parapet wall near Spill way of TIP.	20 F2/ 16-17	50707.00	50632.00	Completed

32	Construction of Railing on Spillway of T.I.P for the year 2016-17	03 F2/ 16-17	288290.00	297538.00	Completed
33	Providing Railing & wearing coat on both U/S and D/S Return Walls and stone packing in between Return Walls and Rock Toe of Earth Dam of T.I.P., Stage-II	08 F2/ 16-17	473839.00	415210.00	Completed
34	Constn. Of Boundary wall around D.G. House at Dam site of TIP, Stage-II	47 F2/ 15-16	165226.00	165226.00	Completed
35	Black Topping of Approach road of H.L. Bridge across Kankadajore Nallah connecting village Bankel with N.H.-217.	06 P1/ 16-17	1158144.00	1150377.00	Completed
36	Constn of Boundary wall of Dunriguda U.P. School in village Sirol.	25 F2/ 15-16	305914.00	305914.00	Completed
37	Constn of trough wall lining of Ghodar distributary from RD. 530 mtr to 620.mtr offtaking RD 12152 mtr of (stage-II)	52F2/16-17	485299.00	485148.00	Completed
38	Side development of DS of Earth Dam around DG House,Constn. Of approach road to DG house from Dam toe road and construction of railing on the DS return wall of H.R of (stage-II)	48F2/16-17	335511.00	335420.00	Completed
39	Restoration and construction of balance work of sihini sub-minor off taking at RD 10812m of SMC of TIP(stage-II)	46F2/16-17	452342.00	461268.00	Completed
40	Restoration and construction of balance work of sihini sub-minor No.I off taking at RD 10812m of SMC of TIP(stage-II)from RD 00. To 445 m.	45F2/16-17	513555.00	513138.00	Completed
41	Construction of Darlo Minor From RD 1800 mtr to 2140 mtr.of TIP (stage-II)	50F2/16-17	148640.00	143247.00	Completed
42	Constn of trough wall lining of Udepur mionr from RD. 335mtr to 435mtr and 470 to 520 mtr. Offtaking RD 863 mtr of Ghodar Distributary of TIP (stage-II)	51F2/16-17	468541.00	468304.00	Completed

43	Construction of Trough wall lining of Ghodar distributary from RD 470 mtr to 530 mtr and RD 654 mtr to 719 mtr offtaking at Rd 12152 mtr of SMC of TIP (stage-II)	65F2/16-17	490737.00	442104.00	Ongoing work
44	Restoration of Left bank of SMC from RD 11267 mtr to 11312 mtr of TIP (stage-II)	62F2/16-17	336085.00	298908.00	Ongoing work
45	Restoration of Chitarol Minor from RD 21.00m to 87.00m.	61F2/16-17	99318.00	99318.00	Completed
46	Resoration and construction of balance work of Satighat Distributary from RD 1780 m to 1885m of TIP (stage-II)	53F2/16-17	491368.00		Work not yet started
47	Providing Roof shed over R.C.C. slab to Permanent Qrs. of Titilagarh Irr. Colony (F Type Block- 01 & Block-02)	16 F2/ 16-17	325431.00	324837.00	On going
48	Providing Roof shed over RCC slab to permanent Qrs of TI Colony E type	49 F2/ 15-16	397000.00	397045.00	Completed
49	Repar & Maintenance of Rest shed of TIP for 2015-16	38 F2/ 15-16	272000.00	272594.00	Completed
50	Repair & Maintenance of Parmanent & Temparry Qrs. at Titilagarh Irrigation Colony, Titilagarh	50 F2/ 15-16	221000.00	219570.00	Completed
51	Constn. of Guard wall, Strengthening & Breach closing at different locations of SMC for the year 2015-16	24 F2/ 15-16	34225.00	34225.00	Completed

- The total C.C.A of Titilagarh Irrigation Project is **2000Ha**
- After completion of above work, irrigation was provided and approximately **1851.087 Ha out of 2000 Ha** has been covered. Similarly 200Ha is being irrigated during Rabi out of **400Ha** of designed ayacut.

- The details of area irrigated from different canal in Khariff & Rabi 2016-17 are as below:

Sl No	Name of Canal	Designed Ayacut in Ha.	Ayacut covered during	
			Khariff 2016-17 in Ha.	Rabi 2016-17 in Ha.
1	Sirol Main canal	320.00	320.00	117.41
2	Belpadar S/M No.I	36.906	36.906	36.906
3	Belpadar S/M No.II	45.684	45.684	45.684
4	Dorlo Minor	168.16	129.76	0
5	Satighat Distributary	176.318	133.737	0
6	Satighat S/M	67.33	23.18	0
7	Bhatipada Minor	70.52	70.52	0
8	Turla S/M No-I	57.246	25.27	0
9	Jagua S/M	28.16	28.16	0
10	Jagua Minor	100.65	52.016	0
11	Sihini S/M No-i	52.386	22.16	0
12	Sihini S/M No-II	49.758	49.758	0
13	Chitarol Minor	56.72	56.72	0
14	Ghodar Distributary	232.824	232.824	0
15	Udepur Minor	202.12	202.12	0
16	Ghodar S/M	57.33	57.33	0
17	Bachhajujha Minor	202.002	202.002	0
18	Ghodar Minor	136.17	136.17	0
19	Bachhajujha S/M	49.95	49.95	0
	<b>Total</b>	<b>2110.23</b>	<b>1851.087</b>	<b>200.00</b>

- ❖ Village wise & plot wise area irrigated during khariff 2016 has been intimated to Tahasildar Muribahal and Titilagarh for certification of ayacut.

- ❖ The details of village wise area irrigated for year 2016-17 are as below:

1. Sirol - 134.307 Ha
2. Belpodar - 110.751 Ha
3. Darlo - 166.022 Ha
4. Satighat - 32.531 Ha
5. Jagua - 55.844 Ha
6. Antarla - 195.005 Ha
7. Chitarol - 140.518 Ha



8. Sihini - 213.938 Ha
9. Turla - 100.382 Ha
10. Ghodar - 325.278 Ha
11. Udepur - 393.518 Ha
12. Lenjha -24.256 Ha
13. Khaliapara - 34.075 Ha
14. Bachhajujha - 40.225 Ha
15. Bhatipara \_\_\_\_\_ - 111.140 Ha

**Total 2077.790 Ha.**

#### **QUALITY CONTROL ASPECT**

- ❖ Field quality control laboratory has been setup at Titilagarh. The following materials have been procured to establish the field laboratory. Regularly gradation of course aggregate F.M. of sand, silt content of sand, compressive strength of cube has been conducted in field laboratory.
1. Pan Balance 20kg wt with 5kg-1, 2kg-2, 1kg-1,500gm-1,200gm-1,50gm-1
  2. Hammer-1 no
  3. Core cutter with dolly-4 nos
  4. Rapid Moisture meter(0-50%) with complete wooden box-1 no
  5. Measure cylinder jar 500 ml-1 no
  6. Silt container jar 200 ml-1 no
  7. Silt container jar 100ml-1 no
  8. G.I. sieve 450mm dia-(90mm,53mm,80mm,63mm,40mm,26.50mm,20mm,10mm,4.75mm,2.36mm,1.18mm)-11 nos
  9. 200 mm brass sieve(75 micron,150mics,300mics,600mics)-4 nos
  10. Slump cone with temping rod-1 no
  11. Bitumen Extractor hand operated with filter paper-1 no
  12. 150mm x 150 mm x 150mm cube mould minimum wt 9kg-12 nos

13. Compression testing machine hand operator-1 no

- ❖ State Quality Monitor Er. P.R. Padhy, has visited Titilagarh Irrigation Project from dt. 25.02.17 to dt. 26.02.17 and inspected the following works.
  1. Constn of service road of SMC from RD 6497 mtr to RD 6800 mtr ,RD 7379 mtr to RD 7238mtr, RD 7443mtr to RD 9255 mtr and RD 9262 mtr to RD 9207 mtr(Aggt no-05P1/16-17)
  2. Constn of service road of SMC from RD 9407 mtr to RD 11645 mtr , and RD 11840 mtr to RD 12490 mtr(Aggt no-01P1/16-17)
  3. Constn of service road of SMC from RD 1327 mtr to RD 2510 mtr ,RD 2925 mtr to RD 4395mtr, and RD 4410 mtr to RD 6497 mtr(Aggt no-02P1/16-17)
- ❖ Construction material like earth borrow area, morrum etc. have been sent to Executive Engineer, Lower Suktel, Quality Control & Design Division, Bolangir for testing before starting of the work and the work has been executed in accordance with the test result.

Sd/-

Executive Engineer

Titilagarh Irrigation Division

Titilagarh