

ABSTRACT

District wise Embankments under Jagatsinghpur Irrigation Division

Sl.No	Name of District	TYPE AND LENGTH OF EMBANKMENT (IN KM.)				
		Capital Embankment	Other Agricultural Embankment	Saline Embankment	T.R Embankment	Total
1	2	3	4	5	6	7
1	Cuttack	1.00	-	-	-	1.00
2	Jagatsinghpur	89.91	51.70	53.90	11.40	206.91
3	Puri	3.20	7.50	-	-	10.70
	Total:-	94.11	59.20	53.90	11.40	218.61

**Executive Engineer,
Jagatsinghpur Irrigation Division**

HEALTH STATUS OF EMBANKMENTS UNDER JAGATSINGHPUR IRRIGATION DIVISION FOR THE YEAR 2021-22

NAME OF THE SUB DIVISION: BILUAKHAI CANAL SUB DIVISION, BALIA

Sl. No	Name of the Embankment	Category of Embankment				Length in Km	Name of the Basin	Name of the River	District	Reach	Status of the Embankment (Reach wise)					Brief Description
		C.E.	O.A.E.	T.R.E.	S.E.						TBL "m"	Side slope	Top width "m"	Revertment Packing "m" with location	Spur in Nos with location	
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17
2	Biluakhai left embankment from RD14.685 Km to 21.123 Km	C.E.				6.438	LMB	Biluakhai	Jagatsinghpur		19.30	1.5:1	5.50	0.755 km	14 nos	Free board 1.20m
3	Biluakhai Right embankment from RD 00 to 13.860 Km (Sankharisahi to Nilamahahal sluice via Bagalpur)	C.E.				13.86	LMB	Biluakhai			18.00	1.5:1	5.00	-	Nil	1.20 mtr
4	Devi left embankment from RD 00 to 10.660 Km (sankharisahi to Nilamahahal sluice via Parbatipur)	C.E.				10.660	LMB	Devi			18	02:01	5.00	-	16 nos	1.20 m
Total CE						37.958										

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		C.E.	O.A.E.	T.R.E.	S.E.						TBL "m"	Side slope	Top width "m"	Revertment Packing "m" with location	Spur in Nos with location	
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17

NAME OF THE SUB DIVISION: ALIPINGALA IRRIGATION SUB DIVISION

1	C.E. 86A (Biluakhai left Embkt. from RD 21.123Km to 30.400Km.) (Nilamahal to Mundilo)	C.E.				9.277	LMB	Biluakhai	Jagatsinghpur		18.14 (at Birabar patna)	1.5:1	4.5 (Av.)	660 Mtr. at Kaspaa 621 Mtr. at Ghadimul.	Nil	Free Board 1.20 m
2	Devi Left Embankment RD 30.400 Km to 30.600 Km	C.E.				0.200	LMB	Devi		I	15.98	2:1	6.00	100.00	3 Nos at Dhuleswar	Free Board 1.20 m
3	Devi Left Embankment RD 30.600 to 36.00 Km	C.E.				5.400	LMB	Devi		II	14.61 to 15.55	1.5:1	3.5 to 4.5	450.00	12 Nos at Eksudha	Free Board 0.70 m
4	Devi Left Embankment RD 36.00 to 37.00 Km	C.E.				1.00	LMB	Devi		III	14.30	2:1	5.5 to 6.00	500.00	-	Free Board 1.00 m
5	Devi Left Embankment RD 37.000 to 42.000 Km	C.E.				5.00	LMB	Devi		IV	13.20 to 14.30	1.5:1	3.50 to 5.00	800.00	4 Nos at kolar	Free Board 1.00 m
6	Devi Left Embankment RD 42.00 to 42.30 Km	C.E.				1.00	LMB	Devi		V	12.92	2:1	5.50	-	-	Free Board 0.70 m
7	Devi Left Embankment RD 43.00 to 45.00 Km	C.E.				2.00	LMB	Devi		VI	12.2	1.5:1	3.50 to 4.00	550.00	13 Nos at Tumbeswar	Free Board 1.00 m
8	Devi Left Embankment RD 45.00 to 48.00 Km	C.E.				3.00	LMB	Devi		VII	12	2:1	5.5	500.00	8 Nos at Arkuda	Free Board 0.70 m
9	Devi Left Embankment RD 48.00 to 50.00 Km	C.E.				2.00	LMB	Devi		VIII	11.35	1.5:1	3.50 to 4.0	-	-	Free Board 1.20 m
10	Devi Left Embankment RD 50.00Km to 54.10Km (Sikharghat Bridge)	C.E.				4.10	LMB	Devi		IX	10.46	1.5:1	3.50 to 4.50	1000.00	14 Nos at Bilipada & Bachhalo	Free Board 0.90 m
		Total C.E.		32.977												

Sl. No	Name of the Embankment	Category of Embankment				Length in Km	Name of the Basin	Name of the River	District	Reach	Status of the Embankment (Reach wise)					Brief Description
		C.E.	O.A.E.	T.R.E.	S.E						TBL "m"	Side slope	Top width "m"	Revertment Packing "m" with location	Spur in Nos with location	
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17

NAME OF THE SUB-DIVISION : BALIKUDA IRRIGATION SUB-DIVISION

1	Devi left Embankment from RD 54.100 Km to 64.380 Km (Sikharaghat Dahanikhia)	-do-				1.91	LMB	Devi	Jagatsinghpur	54.100Km to 56.00km	9.00	1.5:1	3.50		5 Nos bed bar at RD 54.990km, 55.050km, 55.135km, 55.205km, 55.280km	FB 0.30m less
2	do	-do-				2.00	LMB	Devi		56.0Km to 58.00km	8.80	1.5:1	3.50			FB 0.30m less
3	do	-do-				2.80	LMB	Devi		58.0Km to 60.800km	8.00	1.5:1	4.00		2Nos Spur atRD. 60.330km, 60.500km,	free board 0.40mt less
4	do	-do-				0.70	LMB	Devi		60.800Km to 61.500km	7.80	1.5:1	4.00	75mt. RD. 60.575km to 60.650km	1NoSpur atRD. 60.650km,	free board 0.40mt less
5	do	-do-				1.50	LMB	Devi		61.500Km to 63.000km	7.00	1.5:1	3.50			free board 0.40mt less
6	do	-do-				1.00	LMB	Devi		63.00Km to 64.000km	6.20	1.5:1	3.50			free board 0.450mt deficiency
7	Devi left Embankment from RD 64.00 Km to 74.00 Km (Dahanikhia to Muguranalha)	C.E.				7.00	LMB	Devi		64.0km to 66.0km	6.00	1.5:1	3.50	80mt. RD 65.900 to 65.980km		free board 0.20mt.less

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		C.E.	O.A.E.	T.R.E.	S.E						TBL "m"	Side slope	Top width "m"	Revertment Packing "m" with location	Spur in Nos with location		
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	
8	do	-do-					LMB	Devi	Jagatsinghpur	66.0km to 70.0km	6.40	1.5:1	3.50	50.0mt. RD 66.150 to 66.200km	5Nos spur at RD. 66.480km, 66.540km, 66.600km, 66.660km, 66.720km	free board 0.20mt. less	
9	do	-do-					LMB	Devi		70.0km to 71.0km	5.60	1.5:1	3.00	100mt RD 70.500 to 70.600km	3Nos spur at RD. 71.200km, 71.260km, 71.320km,	one No spur fully damaged & other two Nos partly damaged (FB 0.30m less)	
10	do	-do-				3.00	LMB	Devi		71.0km to 74.0km	6.50	1.5:2	4.00			FB 0.30m less	
11	Devi left Embankment from Mutunia to Dahanikhia	-do-				3.20	LMB	Devi									
		Total C.E.				23.11											

1	Devi left Embankment from RD 74.00 Km to 86.874 Km (Muguranalha to Bandar)				SE	1.00	LMB	Devi	Jagatsinghpur	74.00Km to 75.000km	5.00	1.5:1	3.60	957mt. RD 74.00km to 74.957km	7Nos RD. 74.380km, 74.440km, 74.500km, 74.560km, 74.620km, 74.680km, 74.740km.	0.30m free board less.
2	do				-do-	0.960	LMB	Devi		75.00Km to 75.960km	6.00	2.0:1	6.00			0.30m free board less.
3	do				-do-	2.04	LMB	Devi		75.960Km to 78.000km	4.80	1.5:1	3.80	1740mt. RD. 76.260km to	3Nos RD. 76.030km, 76.210km, 76.390km	0.40m free board less.

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		C.E.	O.A.E.	T.R.E.	S.E.						TBL "m"	Side slope	Top width "m"	Revertment Packing "m" with location	Spur in Nos with location		
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	
4	do				-do-	1.70	LMB	Devi	Jagatsinghpur	78.0Km to 79.700km	4.90	1.5:1	3.80	1500mt RD. 78.200km to 79.700km		FB 0.20mt less	
5	do				-do-	1.30	LMB	Devi		79.700Km to 81.000km	4.80	1.5:1	3.60	1300mt RD. 79.700km to 81.00km	2Nos RD. 80.300km, 80.360km,		FB 0.30mt less
6	do				-do-	2.00	LMB	Devi		81.00Km to 83.000km	4.50	1.5:1	5.50	1450mt RD. 81.00km to 81.150km & 81.700 to 83.00km			FB 0.20mt less
7	do				-do-	1.70	LMB	Devi	Jagatsinghpur	83.00Km to 84.700km	4.30	1.5:1	4.00	1200mt RD. 83.00km to 83.600km & 84.100 to 84.700km	1NoRD. 83.750km,		FB 0.30mt less
8	do				-do-	0.80	LMB	Devi		84.700Km to 85.500km	3.60	1.5:1	3.50	550mt RD. 84.700km to 85.100km & 85.350 to 85.500km			FB 0.30mt less

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		C.E.	O.A.E.	T.R.E.	S.E						TBL "m"	Side slope	Top width "m"	Revertment Packing "m" with location	Spur in Nos with location	
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17
9	do				-do-	1.374	LMB	Devi		85.500 to 86.874km	3.20	1.5:1	3.50			FB 0.30mt less
10	Saline embankment from Bandar to Kathagadi sluice				-do-	11.90	LMB	Boaita Kulia	Jagatsinghpur	12.874km to 24.774km	6	2:1	3.70	11.90		N.C.R.M.P. work is going on
11	Saline embankment from Kathagadi sluice to Balabhadrapur				-do-	11.726	LMB	Boaruan		24.774Km to 26.400km	2.50	1:1	2.50			FB 0.50m less
12	Basanta Saline gherry				-do-	3.00	LMB	Baruan		0.0km to 3.0km	2.80	1:1	2.00			1.60less
13	Muguranalha Basanta to				-do-	10.00	LMB	Baruan		0.0 to 5.0km	3.60	1.5:1	3.00			0.60less
14	do				-do-		LMB	Baruan		5.0 to 10.0km	3.40	1:1	2.40			0.80less
15	Prasanpur saline gherry				-do-	4.40	LMB	Baruan		0.0 km to 4.400km	3.60	1.5:1	2.40			0.60less
Total SE						53.90										


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1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	
1	Hansua Right embankment		O.A.E			4.00	LMB	Hansua	Jagatsinghpur	26.0km to 30.0km	4.80	1:1	2.50			0.90less	
2	Devi left Embankment at Talada & Tarasahi Island. (Right Arm from Suankan to Risol via Kulasahi, Talada & Edbansha)		O.A.E			7.500	LMB	Devi		0.0Km to 7.50km	6.20	2:1	4.00			4 Nos Spur in progress	FB 1.20m
3	Devi left Embankment at Talada & Tarasahi Island. (Left Arm from Suankan to Tarasahi via Paikhala)		O.A.E			3.00	LMB	Devi		00 km to 3.00	6.20	2:1	4.00	<u>125mt</u> RD 0.0km to 0.125km		6 Nos Spur in progress	3.20mt. less work under progress
4	do		O.A.E			1.00	LMB	Devi		3.0Km to 4.00km	4.50	2:1	4.00				FB 0.70m less
5	Tuntuna left embankment from Sogal to Podana		O.A.E			3.00	LMB	Tuntuna					2:1	4.00			FB 0.70m less
6	Alaka left embankment from Machhagaon to Bharioda		O.A.E			9.70	LMB	Alaka					2:1	4.00			FB 0.70m less
			Total OAE			28.20											
1	T.R. Embankment from Borikina to Sumuda		TRE			11.40	LMB	Devi	Puri								


Total TRE = 11.40

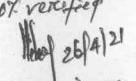
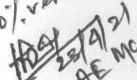
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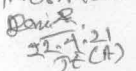
NAME OF THE SUB-DIVISION : JAGATSINGHUR IRRIGATION SUB-DIVISION

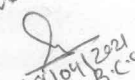
1	Hansua Right Embankment from RD Purunabasanta to Basantapur		OAE			26.00	LMB	Hansua	Jagatsinghpur		9.60	2:1	3.00			FB 0.20m less
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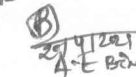
100% verified.

 26/4/21 (AE)
 JSpr. Irr. Sectn

Total OAE 26.00
 100% verified
 AAJ
 26.4.21 (OE)
 Punanga section.
 100% verified

 26/4/21
 AE (V) Kataran Sun

100% verified

 26/4/21
 Asst. Engineer,
 Borsikina Section.
 100% verified

 22/4/21
 AE Meehagan.


100% verified.

 22.4.21
 JE (A).

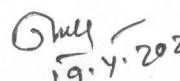
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 19/04/2021
 AE, B.C. Section.

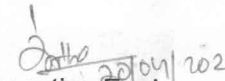
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 A.E. Birabanpata


Verified 100%

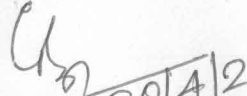

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 Asst. Executive Engineer,
 Jagatsinghpur Irr. Sub-Division

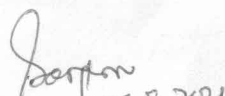

 23.04.21
 Asst. Executive Engineer,
 Balikuda Irr. Sub-Division

100% verified.

 19.4.2021
 Asst. Executive Engineer,
 Biluakhai Canal Sub-Division

100% verified.

 20/04/2021
 Asst. Executive Engineer,
 Alipingal Irr. Sub-Division


 25/4/21
 Executive Engineer,
 Jagatsinghpur Irrigation Division
 Jagatsinghpur


 30/4/21
 Superintending Engineer,
 Eastern Circle-I, Cuttack


 17.5.2021
 Collector & District Magistrate
 Jagatsinghpur