

## HEALTH STATUS OF EMBANKMENTS UNDER JAGATSINGHPUR IRRIGATION DIVISION

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

1	Kathajodi Left Embankment from RD 7.800 Km to 14.865 Km	C.E.				7.07	LMB	Kathajodi	Jagatsinghpur		20.2	2:1	4.50	4.500 km	6 nos	Free Board is almost 1.20 m
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 Nilamahal sluice via Bagalpur)	C.E.				13.86	LMB	Biluakhai	Jagatsinghpur		18.00	1.5:1	5	-	nil	1.2 m
4	Devi left embankment from RD 00 to 10.660 Km ( sankharisahi to Nilamahal sluice via Parbatipur)	C.E.				10.660	LMB	Devi	Jagatsinghpur		18	2:01	5.00	-	16 nos	1.20 m
<b>Total CE</b>						<b>38.03</b>										

**NAME OF THE SUB DIVISION: ALIPINGALA IRRIGATION SUB DIVISION**

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 about deficiency in parametres
		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
1	C.E. 86A (Biluakhai left Embkt. from RD 21.123Km to 30.400Km.) (Nilamahal to Mundilo)	C.E.				9.28	LMB	Biluakhai	Jagatsinghpur		18.14 (at Birabar patna)	1.5:1	4.5 (Av.)	660 Mtr. at Kaspa 621 Mtr. at Ghadim ul.	Nil	Free Board 1.20 m
2	Devi Left Embankment RD 30.400 Km to 30.600 Km	C.E.				0.200	LMB	Devi	Jagatsinghpur	I	15.98	2:1	6.00	100.00	3 Nos at Dhuleswar	Free Board 1.20 m

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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
3	Devi Left Embankment RD 30.600 Km to 36.00 Km	C.E.				5.400	LMB	Devi	Jagatsinghpur	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 Km to 37.00 Km	C.E.				1.00	LMB	Devi	Jagatsinghpur	III	14.30	2:1	5.5 to 6.00	500.00	-	Free Board 1.00 m
5	Devi Left Embankment RD 37.000Km to 42.000 Km	C.E.				5.00	LMB	Devi	Jagatsinghpur	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 Km to 42.30 Km	C.E.				1.00	LMB	Devi	Jagatsinghpur	V	12.92	2:1	5.50	-	-	Free Board 0.70 m
7	Devi Left Embankment RD 43.00Km to 45.00 Km	C.E.				2.00	LMB	Devi	Jagatsinghpur	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 45.00Km to 48.00 Km	C.E.				3.00	LMB	Devi	Jagatsinghpur	VII	12	2:1	5.5	500.00	8 Nos at Arkuda	Free Board 0.70 m
9	Devi Left Embankment RD 48.00Km to 50.00 Km	C.E.				2.00	LMB	Devi	Jagatsinghpur	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	Jagatsinghpur	IX	10.46	1.5:1	3.50 to 4.50	1000.00	14 Nos at Bilipada & Bachhalo	Free Board 0.90 m

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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
1	Devi left Embankment from RD 54.100 Km to 64.00 Km ( Sikharaghat to Dahanikhia)	-d0-				1.90	LMB	Devi	Jagatsinghpur	54.100Km to 56.00km	9.00	1.5:1	3.50		5 Nos bed bar atRD. 54.990km, 55.050km, 55.135km, 55.205km, 55.280km	FB 0.30m less
2	do	-d0-				2.00	LMB	Devi	Jagatsinghpur	56.0Km to 58.00km	8.80	1.5:1	3.50			FB 0.30m less
3	do	-d0-				2.80	LMB	Devi	Jagatsinghpur	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	-d0-				0.70	LMB	Devi	Jagatsinghpur	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	-d0-				1.50	LMB	Devi	Jagatsinghpur	61.500Km to 63.000km	7.00	1.5:1	3.50			free board 0.40mt less
6	do	-d0-				1.00	LMB	Devi	Jagatsinghpur	63.00Km to 64.000km	6.20	1.5:1	3.50			free board 0.450mt deficiency



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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
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. RD74.00km 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	Jagatsinghpur	75.00Km to 75.960km	6.00	2.0:1	6.00			0.30m free board less.
3	do				-do-	2.04	LMB	Devi	Jagatsinghpur	75.960Km to 78.000km	4.80	1.5:1	3.80	1740mt. RD. 76.260km to 78.00km.	3Nos RD. 76.030km, 76.210km, 76.300km.	0.40m free board less.
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	Jagatsinghpur	79.700Km to 81.000km	4.80	1.5:1	3.60	1300mt RD. 79.700km to 81.00k	2Nos RD. 80.300km, 80.360k	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
6	do				-do-	2.00	LMB	Devi	Jagatsinghpur	81.00Km to 83.000km	4.50	1.5:1	5.50	1450mt RD. 81.00k m to 81.150k m & 81.700 to 83.00k m		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. 83.00k m to 83.600k m & 84.100 to 84.700k m	1NoRD. 83.750k m,	FB 0.30mt less
8	do				-do-	0.80	LMB	Devi	Jagatsinghpur	84.700K m to 85.500km	3.60	1.5:1	3.50	550mt RD. 84.700k m to 85.100k m & 85.350 to 85.500k m		FB 0.30mt less
9	do				-do-	1.374	LMB	Devi	Jagatsinghpur	85.500K m 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

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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
11	Saline embankment from Kathagadi sluice to Balabhadrapur				-do-	11.726	LMB	Boaruan	Jagatsinghpur	24.774K m to 26.400km	2.50	1:1	2.50			FB 0.50m less
12	Basanta Saline gherry				-do-	3.00	LMB	Baruan	Jagatsinghpur	0.0km to 3.0km	2.80	1:1	2.00			1.60less
13	Muguranalha to Basanta				-do-	10.00	LMB	Baruan	Jagatsinghpur	0.0 to 5.0km	3.60	1.5:1	3.00			0.60less
14	do				-do-		LMB	Baruan	Jagatsinghpur	5.0 to 10.0km	3.40	1:1	2.40			0.80less
15	Prasanpur saline gherry				-do-	4.40	LMB	Baruan	Jagatsinghpur	0.0 km to 4.400km	3.60	1.5:1	2.40			0.60less
					<b>Total SE</b>	<b>53.90</b>										
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	Puri	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	Jagatsinghpur	00 km to 3.00	6.20	2:1	4.00	125mt 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	Jagatsinghpur	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	Jagatsinghpur			2:1	4.00			FB 0.70m 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
6	Alaka left embankment from Machhagaon to Bharioda		O.A.E			9.70	LMB	Alaka	Jagatsinghpur			2:1	4.00			FB 0.70m less
			<b>Total OAE</b>			<b>28.20</b>										
1	T.R. Embankment from Borikina to Sumuda		TRE			11.40										
	<b>Total TRE</b>					<b>11.40</b>										

**NAME OF THE SUB-DIVISION :-Jagatsinghpur Irrn Sub-Division,**

1	Hansua Right Embankment from RD Purunabasanta to Badpal		OAE			26.00	LMB	Hansua	Jagatsinghpur			2:1	3.00			FB 0.20m less
2	Rankei left embankment		OAE			2.00		Rankei	Jagatsinghpur			2:1	3.00			FB 0.20m less
3	Rankei Right Embankment		OAE			3.00		Rankei	Jagatsinghpur			2:1	3.00			FB 0.20m less
			<b>Total OAE</b>			<b>31.00</b>										

Executive Engineer,  
Jagatsinghpur Irrigation Division



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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

ABSTRACT OF EMBANKMENT							
Name of the Sub division		C.E	S.E.		O.A.E.	T.R.E.	Total
Biluakhai Canal Sub division		38.03	0		0	0	38.03
Alipingala Canal Sub division		32.98	0		0	0	32.98
Balikuda Irrigation Sub division		23.10	53.90		28.20	11.40	116.6
Jagatsinghpur Irrigation Sub division		0	0		31.00	0	31
<b>Total Length in KM</b>		<b>94.11</b>	<b>53.90</b>		<b>59.20</b>	<b>11.40</b>	<b>218.61</b>

Executive Engineer  
Jagatsinghpur Irrigation Division