

PRACHI DIVISION

NAME OF THE SUB-DIVISION :Niali Canal Sub-Division, Niali

Sl. No.	Name of the Embankment	Category of the Embkt.				Length in Km.	Name of the Basin	Name of the River	District	Reach	Status of the Embankment (Reach wise)					Brief description about deficiency in parameters
		C.E.	O.A.E.	T.R.E.	S.E.						TBL "m"	Side Slope	Top width "m"	Revetment 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
01.	KSD Rt. Embankment	C.E.	-	-	-	1.20	Mahanadi	Kandal & Devi	Cuttack	41.100 to 42.300	15.620	1:1.5	5.00	-	-	-
02.		C.E.				1.30				42.300 to 43.600	15.520	1:1.5	2.40	-	-	Available bank width 2.40m. In place of design width 5.00m.
03.		C.E.				0.80				43.600 to 44.400	15.420	1:1.5	5.00	-	-	-
04.		C.E.				1.60				44.400 to 46.00	15.200	1:1.5	4.00	-	-	Available bank width 4.00m.in place of design width 5.00m. and existing TBL is 0.20m. Below the design TBL 15.40m.
05.		C.E.				2.10				46.00 to 48.100	15.020	1:1.5	5.00	-	-	-
06.		C.E.				1.20				48.100 to 49.300	14.800	1:1.5	5.00	-	-	-
07.		C.E.				2.20				49.300 to 51.500	13.530	1:1.5	4.00	-	-	Available bank width 4.00m.in place of design width 5.00m. and existing TBL is 0.60m. Below the design TBL 13.80m.
08.	KSD Rt. Embankment	C.E.	-	-	-	7.00	Mahanadi	Devi	Cuttack & Jagatsinghpur	51.500 to 58.500	13.530	1:1.5	7.00	RD 56,900 to 58.00 Km. (1100m.	2 nos. at RD 54.00 Km. & 55.20 Km.	-
09.		C.E.				0.30				58.500 to 58.800	13.500	1:1.5	5.00	-	-	-
10.		C.E.				1.20				58.800 to 60.00	12.700	1:1.5	3.50	-	-	Available bank width 3.50m.in place of design width 5.00m. and existing TBL is 0.60m. Below the design TBL 13.30m.
11.		C.E.				0.50				60.00 to 60.500	12.500	1:1.5	4.00	-	-	Available bank width 4.00m.in place of design width 5.00m.
12.		C.E.				0.50				60.500 to 61.000	12.400	1:1.5	2.20	-	-	Available bank width 2.20m.in place of design width 5.00m.

13.		C.E.			0.75				61.000 to 61.750	11.700	1:1.5	4.00	-	4 nos. RD 61.250 Km.	Available bank width 4.00m.in place of design width 5.00m.
14.		C.E.			1.15				61.750 to 62.900	11.700	1:1.5	4.00	-	61.425 Km. & 61.700 & 61.526 Km. (5 nos.)	Available bank width 4.00m.in place of design width 5.00m.
15.		C.E.			2.40				62.900 to 65.300	10.800	1:1.5	2.50		RD 62.00, 62.300, 62.540, 62.670 Km.	Available bank width 2.50m.in place of design width 5.00m.
16.		C.E.			0.70				65.300 to 66.00	10.200	1:1.5	2.80		62.790 Km.	Available bank width 2.80m.in place of design width 5.00m.
17.		C.E.			2.50				66.00 to 68.500	9.900	1:1.5	4.00	RD 67.00 to 67.100 Km. (100m.)		Available bank width 4.00m.in place of design width 5.00m.
18.	Taunla Rt. Embkt.	C.E.			15.00	Mahanadi	Taunla	Cuttack	00 to 15.00	10.100	1:1.5	3.00			
19.	Prachi Left Embkt.		O.A.E.		3.50	Mahanadi	Prachi	Cuttack	00 to 3.50	9.800	1:1.5	2.80			

Certified that I have visited 100% of the embankments alongwith the concerned J.E./A.E. and the report furnished above are correct to the best of my knowledge.

Certified that I have visited 50% of the embankments and the report furnished above are correct.

Certified that I have visited 20% of the embankments and the report furnished above are correct.

Asst. Executive Engineer
Niali Canal Sub-Division, Niali

Executive Engineer
Prachi Divn., BBSR

Superintending Engineer
Central Irr. Circle-I, BBSR

NAME OF THE SUB-DIVISION :Pratapnagari Irrigation Sub-Division, Pratapnagari

20.	Kathajodi Sirua Devi Right Embankment	C.E.	-	-	-	2.247	Mahanadi	Kathajodi & Sirua	Cuttack	RD 00 to 2.247 Km.	25.29 to 27.35	1.5:1	4.00	-	-	-
21.		C.E.	-	-	-	7.253	Mahanadi	Kathajodi & Sirua	Cuttack	2.247 to 9.50 Km.	27.35 to 22.40	1.5:1	6.00	-	-	-
22.	Kuakhai Left Embankment	C.E.	-	-	-	3.00	Mahanadi	Kuakhai	Cuttack	00 to 3.00 Km.	24.580	1.5:1	3.60	2455m., Uttampur & Balikuda	-	-
23.		C.E.	-	-	-	3.00	Mahanadi	Kuakhai	Cuttack	3.00 to 6.00 Km.	24.58 to 24.40	1.5:1	6.00	195m., Bhanapur & Pratapnagari	2 nos. at Pratapnagari	One no. old spur to be restored
24.		C.E.	-	-	-	1.00	Mahanadi	Kuakhai	Cuttack	6.00 to 7.00 Km.	24.40 to 24.00	1.5:1	3.60	30m., Pratapnagari & Nuagarh	-	-
25.	Mukameswar-Kazipatna TRE	-	-	TRE	-	1.40	Mahanadi	Kathajodi	Cuttack	00 to 1.40 Km.	25.05 to 23.98	1.5:1	3.00	-	2 nos. Spur at Mukameswar	Two nos. old spur to be restored
26.	Kathajodi Sirua Devi Right Embankment	C.E.	-	-	-	6.00	Mahanadi	Sirua	Cuttack	RD 9.50 to 15.50 Km.	22.40 to 21.58	1.5:1	6.00	1182m. at Mamodola Bhoisahi, Kalahandia, Sankhtras, Gadigosain	-	-
27.		C.E.	-	-	-	5.00	Mahanadi	Sirua	Cuttack	15.50 to 20.50 Km.	21.58 to 20.08	1.5:1	6.00	1150m. at Khalarda	2 nos. at Khalarda	2 nos. old spurs to be restored with launching & packing
28.	Kathajodi Sirua Devi Right Embankment	C.E.	-	-	-	2.00	Mahanadi	Sirua	Cuttack	RD 20.50 to 22.50 Km.	20.08 to 19.47	1.5:1	3.80	700m. at Gopalpur & Tithapada	8 nos. at Gopalpur & Tithapada	3 nos. old spurs to be restored
29.		C.E.	-	-	-	2.80	Mahanadi	Sirua	Cuttack	22.50 to 25.30 Km.	19.47 to 18.70	1.5:1	3.60	100m. at Simalada	-	Embankment packing required
30.		C.E.	-	-	-	6.70	Mahanadi	Devi	Cuttack	25.300 to 32.00 Km.	18.70 to 17.60	1.5:1	3.90	892m. at Waubarei, Jharpada & Kherasa	8 nos. at Govindpur	2 nos. old spurs to be restored, Launching and packing required - 27.100 Km. to 27.645 Km. & 28.072 Km. to

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Asst. Executive Engineer
Pratapnagari Irr. Sub-Divn., Pratapnagari

Executive Engineer
Prachi Divn., BBSR

Superintending Engineer
Central Irr. Circle-I, BBSR

NAME OF THE SUB-DIVISION :Mundali Irrigation Sub-Division, Mundali

31.	Kathajodi Right Embankment from RD 00 to 7.50 Km.	C.E.	-	-	-	2.80	Mahanadi	Kathajodi River	Cuttack	00 to 2800 mtr.	00 to 2850 = 29.35m.	1:1.5	3.60	00 to 1500 & 2000 to 2250 mtr.		Launching & packing required from RD 2200 to 4000m. & 5000 to 5650m.
32.		C.E.	-	-	-	4.70	Mahanadi	Kathajodi River	Cuttack	2800 to 7500 mtr.	2850 to 6500 = 27.45m.	1:1.5	3.30	900 to 2200m. & 5650 to 7500m.		

33.	Mahanadi Right Embankment	C.E.	-		1.74	Mahanadi	Mahanadi	Cuttack		00-31.800, 1.00-32.000, 1.50-32.000	1:1.5	3.60	00 to 1300	-	
34.	Mahanadi Left Afflux Bundha		O.A.E.		4.00	Mahanadi	Mahanadi	Cuttack		00-31.85, 1.00-31.80, 2.013-31.80, 4.00-32.00	1:1.5	4.00	00 to 3800	-	Packing required from 3600m. to 4000m.
35.	Mahanadi Right Afflux Bundha		O.A.E.		2.00	Mahanadi	Mahanadi	Cuttack		00-31.75, 1.00-32.05, 2.00-31.80	1:1.5	4.00	00 to 1500	-	Packing required
36.	Mahanadi Left Guide Bundha		O.A.E.		0.33	Mahanadi	Mahanadi	Cuttack		32.150	1:1.5	10.00	00 to 330	-	Launching and dumping required at river side.
37.	Kuakhai Right Embankment from RD 00 to 19.00 Km.	C.E.			19.00	Mahanadi	Kuakhai	Cuttack 00 to 6.00 & Khordha 6.00 to 19.00		00 - 26.370, 6.00-24.650, 14.00-23.00, 19.00-21.900	1.5:1	3.60	10.50 to 11.60, 17.30 to 17.50	3 nos.- Benagadia, 1 no.- Mancheswar, 1 no.- Barikunda	
38.	Jhinkardiha Marichia Gherry		O.A.E.		2.70	Mahanadi	Kuakhai	Khordha		24.650	1.5:1	2.30	300 to 800 in disturbed condition	2 Km. = 1 no., 2.200 Km. = 1 no.	

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Mundali Irr. Sub-Divn., Mundali

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Executive Engineer
Prachi Divn., BBSR

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Superintending Engineer
Central Irr. Circle-I, BBSR

NAME OF THE SUB-DIVISION :Balianta Canal Sub-Division

39.	Kuakhai Left Embankment	C.E.	-	-	-	1.60	Mahanadi	Kuakhai	Cuttack, Khordha	7.00 to 8.600 Km.	24.100	1.5:1	3.60	-	-	Available width 3.60m. in place of deisign width 5.00m.
40.		C.E.				0.82				8.600 to 9.420 Km.	23.480	1.5:1	5.50	-	-	-
41.		C.E.				0.42				9.420 to 9.840 Km.	22.750	1.5:1	3.60	-	-	Available width 3.60m. in place of deisign width 5.00m.
42.		C.E.				1.16				9.840 too 11.000 Km.	21.090	1.5:1	5.55	13.900 to 14.500 = 600m.	-	-
43.		C.E.				3.00				11.000 to 14.000 Km.	21.300	1.5:1	3.60	-	-	Available width 3.60m. in place of deisign width 5.00m.
44.		C.E.				3.00				14.000 to 17.000 Km.	21.090	1.5:1	6.00			
45.		C.E.				2.00				17.000 to 19.000 Km.	21.300	1.5:1	5.00			
46.	Kushabhadra Left Embankment	C.E.	-	-	-	1.30	Mahanadi	Kushabhadra	Khordha	00 to 1.30 Km.	20.000	1.5:1	5.00	-	-	
47.		C.E.				4.40				1.30 to 5.700 Km.	20.500	1.5:1	5.50	-	-	
48.		C.E.				1.90				5.700 to 7.600 Km.	20.000	1.5:1	5.50	-	-	
49.		C.E.				3.40				7.600 to 11.00 Km.	18.800	1.5:1	5.50	-	-	
50.	Kushabhadra Left Embankment	C.E.	-	-	-	0.88	Mahanadi	Kushabhadra	Khordha	11.00 to 11.880,	17.900	1:1.5	3.00	-	-	Available width 3.00m. in place of deisign width 5.00m. and existing TBL 0.33m. below Design TBL 17.03
51.		C.E.				0.283				11.880 to 12.163	17.800	1:1.5	5.00	180	-	Existing TBL 0.30m. below Design TBL 16.88
52.		C.E.				1.987				12.163 to 14.150	17.600	1:1.5	3.60	-	-	Available width 3.60m. in place of deisign width 5.00m. and existing TBL 0.60m. below Design TBL 16.86
53.		C.E.				0.24				14.150 to 14.390	17.580	1:1.5	4.00	240	-	Available width 4.00m. in place of deisign width 5.00m. and existing TBL 0.30m. below Design TBL 16.69
54.		C.E.				1.61				14.390 to 16.00	17.310	1:1.5	3.60	-	-	Available width 3.60m. in place of deisign width 5.00m.

55.		C.E.				0.149				16.00 to 16.149	17.300	1:1.5	5.50	143.00	-	-
56.		C.E.				1.551				16.149 to 17.700	17.200	1:1.5	5.50	-	-	Available width 3.40m. in place of deisign width 5.00m.
57.		C.E.				0.80				17.700 to 18.500	17.200	1:1.5	5.50	-	-	Available width 4.00m. in place of deisign width 5.00m.
58.		C.E.				0.60				18.500 to 19.100	16.800	1:1.5	5.50	62.00	-	Available width 3.60m. in place of deisign width 5.00m.
59.		C.E.				0.70				19.100 to 19.800	16.700	1:1.5	4.00	200.00	-	Available width 4.00m. in place of deisign width 5.00m.
60.		C.E.				2.40				19.800 to 22.200	16.600	1:1.5	3.60	60.00	-	Available width 3.60m. in place of deisign width 5.00m. and existing TBL 0.20m. below Design TBL 15.245
61.		C.E.				1.50				22.200 to 23.700	16.600	1:1.5	5.00	-	-	
62.		C.E.				0.30				23.700 to 24.00	16.600	1:1.5	5.00	-	-	
63.	Kushabhadra Left Embankment	C.E.	-	-	-	2.28	Mahanadi	Kushabhadra	Khordha	24.00 to 26.28	15.700	1:1.5	5.00	26.20 to 26.365 = 165m.	26.00 to 27.00 Spur 5nos.	-
64.		C.E.				1.20				26.28 to 27.48	15.250	1:1.5	4.00	28.30 to 28.80 =500m.	28.00 to 29.00 Spur 9nos.	Available width 4.00m. in place of deisign width 5.00m.
65.		C.E.				1.40				27.48 to 28.88	14.600	1:1.5	3.00	28.97 to 29.06 = 700m.	32.00 to 33.00 Spur 7nos.	Available width 3.00m. in place of <i>d</i> eisign width 5.00m.
66.		C.E.				0.66				28.88 to 29.54	14.900	1:1.5	3.50	31.56 to 31.86 = 300m.	-	Available width 3.50m. in place of <i>d</i> eisign width 5.00m.
67.		C.E.				0.48				29.54 to 30.02	14.100	1:1.5	3.00	-	-	Available width 3.00m. in place of <i>d</i> eisign width 5.00m.
68.		C.E.				0.62				30.02 to 30.64	14.050	1:1.5	3.50	-	-	Available width 3.50m. in place of <i>d</i> eisign width 5.00m.
69.		C.E.				0.86			Puri	30.64 to 31.500	14.300	1:1.5	3.00	-	-	Available width 3.00m. in place of <i>d</i> eisign width 5.00m.
70.		C.E.				0.80			Puri	31.500 to 32.300	14.300	1:1.5	5.50			
71.		C.E.				1.34				32.300 to 33.640 Km.	14.300	1:1.5	3.00			Available width 3.00m. in place of <i>d</i> eisign width 5.00m.
72.		C.E.				3.36			Puri	33.64 to 37.00	13.290	1:1.5	3.00	-	-	Available width 3.00m. in place of <i>d</i> eisign width 5.00m.

73.		C.E.			1.50			Puri	37.00 to 38.50	13.700	1:1.5	5.00	-	-	
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Asst. Executive Engineer
Baliana Canal Sub-Division

Executive Engineer
Prachi Divn., BBSR

Superintending Engineer
Central Irr. Circle-I, BBSR

NAME OF THE SUB-DIVISION :Kantapada Irrigation Sub-Division, Kantapada

74.	Kathajodi, Sirua, Devi Right Embankment	C.E.	-	-	-	9.10	Mahanadi	Kandal	Cuttack	32.00 to 41.10 Km.	17.46 - 15.62	1:1.5	4.00	400m. Near Fakirmohapat rasahi & Pradhansahi	-	
75.	OAE around Sithalo Gherry	-	O.A.E			2.40	Mahanadi	Devi	Cuttack & Jagatsinghpur	00 - 2.40Km.	12.400	1:1.5	6.00	100 mtr. near Sasanpada	-	
76.			O.A.E			8.94				2.40 to 11.34 Km.	12.40 - 12.60	1:1.5	6.00	350 mtr. near Kalaka, Sithalo, Jorakula, Sasanpada	-	
77.			O.A.E			1.66				11.34-13.00Km.	12.400	1:1.5	6.00	-	-	
78.	Mangala Mandir Gherry	-	-	T.R.E.		1.50	Mahanadi	Devi	Cuttack	00 to 1.50Km.	12.200	1:1.5	2.80	-	-	Raincut filling & packing in scoured portion
79.	Kandal Left Embankment RD 7.00 to 21.00 Km.		O.A.E			4.00	Mahanadi	Kandal	Cuttack	7.00 to 11.00	17.030	1:1.5	6.00	at RD 9.00 Km. = 120m. & at RD 11.15 Km. = 300m.		
80.			O.A.E			7.00				11.00 to 18.00	15.000	1:1.5	3.50	at RD 12.500 Km. = 100m. & at RD 13.50 Km. = 100m.	-	Raising and strengthening required from RD 11.00 Km. to 15.80 Km., Launching & packing required in some portion
81.			O.A.E			3.00				18.00 to 21.00	13.000	1:1.5	6.00	at RD 19.500 Km. = 70m. & at RD 20.60 Km. = 100m.	-	
82.	Old Devi Right Embankment RD 00 to 6.00 Km.		O.A.E	-	-	6.00	Mahanadi	Old Devi	Cuttack	00 to 6.00	13.80 to 13.70	1:1.5	6.00	at RD 1.15 Km. = 120m. & at RD 3.00 Km. = 150m. & at RD 3.40 Km. = 120m.	-	
83.	Devi Right Embankment RD 9.00 to 13.00 Km.	C.E.	-	-	-	4.00	Mahanadi	Devi	Cuttack	9.00 to 13.00	15.70 to 14.60	1:1.5	6.00	at RD 12.50 Km. = 100m.	-	
84.	Devi Right Embankment	C.E.	-	-	-	9.00	Mahanadi	Devi	Cuttack	00 to 9.00 Km.	17.48 & 15.70	1:1.5	6.00	104m. of Kulashree & 180m. at Eranch & 100m. at Balijola	9 nos. from RD 5.00 to 9.00 Km.	

85.	Kandal Left Embankment	C.E.	-	-	-	7.00	Mahanadi	Kandal	Cuttack	00 to 7.00 Km.	18.09 & 17.03	1:1.5	4.00	104m. of Kulashree & 180m. at Eranch & 100m. at Balijola	261m. at Biswanathmat ha & 433 mtr. at Tandikana & 120m. at Kaliagada	
86.	Kulashree Gherry	-	-	T.R.E.	-	1.20	Mahanadi	Devi	Cuttack	00 to 1.20 Km.	15.7	1:1.5	3.00			
87.	Dhanamandal Gherry	-	-	T.R.E.	-	1.80	Mahanadi	Kandal	Cuttack	00 to 1.80 Km.	17.4	1:1.5	3.00			

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Kantapada Irr. Sub-Divn., Kantapada

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Superintending Engineer
Central Irr. Circle-I, BBSR

NAME OF THE SUB-DIVISION :Bhubaneswar Irrigation Sub-Division, Bhubaneswar

88.	Kuakhai Right Embankment RD 19.00 to 32.50 Km.	C.E.	-	-	-	11.00	Mahanadi	Daya	Khordha	RD 19.00 to 30.00 Km.	RL 19.52m. (Avg.)	1:1.5	7.50	2.20	-	-
		C.E.				2.50				RD 30.00 to 32.50 Km.	RL 18.80m.	1:1.5	4.00	-	-	-
89.	Daya Right Embankment RD 00 to 10.00 Km.	C.E.	-	-	-	10.00	Mahanadi	Daya	Puri		Avg. 17.00m.	1:1.5	5.00	-	-	-
90.	Daya Right Embankment RD 10.00 to 15.80 Km.	C.E.	-	-	-	5.80	Mahanadi	Daya	Puri		Avg. 14.33m.	1:1.5	3.10	-	-	-
	Daya Right RD 15.80 to 18.00 Km.	C.E.	-	-	-	2.20	Mahanadi	Daya	Puri		Avg. 12.30m.	1:1.5	3.50	-	-	One no. drainage sluice is required at confluence point of Gangua at RD 15.80 Km.
91.	Daya Right Embankment RD 18.00 to 23.60 Km.	C.E.	-	-	-	5.60	Mahanadi	Daya	Puri		Avg. 11.78m.	1:2	6.50	-	-	-
92.	Daya Right Embankment RD 23.60 to 31.60 Km.	C.E.	-	-	-	8.00	Mahanadi	Daya	Puri		Avg. 10.45m.	1:1	3.10	460	-	-

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Deputy Executive Engineer
BBSR Irr. Sub-Divn.

285.77

Executive Engineer
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Superintending Engineer
Central Irr. Circle-I, BBSR