

DETAIL STATUS OF THE EXISTING RIVER / SALINE EMBANKMENTS

NAME OF THE DIVISION : **BERHAMPUR IRRIGATION DIVISION, BERHAMPUR**

Sl. No.	Name of the Embankment	Category				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 in m	Side Slope	Top Width in m	Revetment Packing in 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
HINJILI IRRIGATION SUB-DIVISION, HINJILICUT																
1	RFB of River Ghodahada near village Erendra, Khalingi	C.E.				2.160	Rushikulya	Ghodahado	Ganjam	RD 8.34 to 10.50 Km	42.30	1.5:1	3.60	1.00Km (11.78 to 11.5Km)	--	Bank strengthening, packing & launching required.
2	RFB of River Ghodahada near village Laxmipur	C.E.				1.980	Rushikulya	Ghodahado	Ganjam	RD 10.50 to 12.48 Km	41.30	1.5:1	3.60	700m (11.78 to 12.48Km)	--	-do-
3	RFB of River Ghodahada near village Laxmipur, Khairabati	C.E.				2.280	Rushikulya	Ghodahado	Ganjam	RD 12.48 to 14.76 Km	35.00	1.5:1	5.00	365m (14.395 to 14.761Km)	--	-do-
4	RFB of River Ghodahada near village Khairabati, Balarampur	C.E.				2.040	Rushikulya	Ghodahado	Ganjam	RD 14.76 to 16.80 Km	34.50	1.5:1	5.00	430m (14.95 to 15.38Km)	2 Nos. (RD 15.60 to 15.75Km)	--
5	RFB of River Ghodahada near village Singipur					0.400	Rushikulya	Ghodahado	Ganjam	RD 16.80 to 17.20 Km						Gap (Hill Portion)
6	RFB of River Ghodahada near village Nuagada	C.E.				4.000	Rushikulya	Ghodahado	Ganjam	RD 17.20 to 21.20 Km	33.00 to 30.00m	1.5:1	3.60	1300m (19.30 to 21.10Km)	2 Nos. (RD 20.20 to 20.10Km)	Work in Progress.
7	RFB of River Ghodahada near village Hinjili	C.E.				0.800	Rushikulya	Ghodahado	Ganjam	RD 21.20 to 22.00 Km	27.00 to 28.30m	1.5:1	6.00	800m (21.20 to 22.00Km)		Work in Progress.
8	RFB of River Ghodahada near village Ankorada & Kharida	C.E.				4.760	Rushikulya	Ghodahado	Ganjam	RD 22.00 to 26.76 Km	28.20 to 25.85m	2:1	6.00	500m (22.00 to 22.50Km)		--
	TOTAL (RFB OF RIVER GHODAHADO)					18.420										
8	R.F.B. of River Rushikulya from Chanduli to Hiradharbati	C.E.				1.750	Rushikulya	Rushikulya	Ganjam	from Chanduli to Hiradharbati	27.00	2:1	4.00	500m (00 to 100m & 465 to 885m)		Stbilization of Embankment to be taken up
9	R.F.B. of River Rushikulya Gheribandha near village Allapur	C.E.				1.200	Rushikulya	Rushikulya	Ganjam	RD 00 to 1.20 Km	22.88 to 19.97m	2:1	4.00	500m (0.10 to 0.60Km)	--	Work in Progress.
10	R.F.B. of River Rushikulya near village Nandika	C.E.				9.400	Rushikulya	Rushikulya	Ganjam	RD 00 to 9.40 Km	25.85 to 21.35m	2:1	6.00	700m (RD 4.80 to 5.10Km) (RD 3.00 to 3.30Km) (RD 6.50 to 6.60Km)	4 Nos. RD 2.70Km RD 4.90Km RD 6.00Km RD 7.00Km	More launching & spur required
11	R.F.B. of River Rushikulya near village Hundata.	C.E.				1.757	Rushikulya	Rushikulya	Ganjam	RD 9.40 to 11.57 Km						Gap.
12	R.F.B. of River Rushikulya near village Ranajhali	C.E.				1.638	Rushikulya	Rushikulya	Ganjam	RD 11.157 to 12.795 Km	20.93 to 19.65m	2:1	6.00	320m (RD12.27 to 12.59Km)	--	Work in Progress.

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1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17
13	R.F.B. of River Rushikulya near village Mukundapur	C.E.				7.700	Rushikulya	Rushikulya	Ganjam	RD 12.795 to 20.500 Km	19.65 to 16.15					Stbilization of Embankment to be taken up. <i>DPR Submitted.</i>
14	R.F.B. of River Rushikulya near village Raipur / Sholaghar.	C.E.				2.620	Rushikulya	Rushikulya	Ganjam	RD 20.500 to 23.120 Km	15.00	2:1	3.60		1 No. spur RD 19.00Km	Launching & spur required
15	R.F.B. of River Rushikulya near village Sholaghar/ Gobba	C.E.				3.105	Rushikulya	Rushikulya	Ganjam	RD 23.120 to 26.225 Km	15.00 14.65	2:1	3.60 4.00	40m (RD 23.28 to 23.32Km)	6 Nos. RD 23.12Km RD 23.40Km RD 23.60Km RD 24.00Km RD 24.50Km RD 25.10Km	Work in Progress. Additional 1000m strengthening & 450m launching is required in between Hindula to Goba.
16	R.F.B. of River Rushikulya near village Baranga	C.E.				0.290	Rushikulya	Rushikulya	Ganjam	RD 26.225 to 26.530 Km						
17	R.F.B. of River Rushikulya near village Potlampur	C.E.				0.570	Rushikulya	Rushikulya	Ganjam	RD 26.530 to 27.100Km						
18	R.F.B. of River Rushikulya from RD 27.100Km up to Confluence point near village Chatrapur.	C.E.				15.440	Rushikulya	Rushikulya	Ganjam	RD 27.100 to 42.54 Km						
TOTAL (RFB OF RIVER RUSHIKULYA)						45.470										
RUSHIKULYA IRRIGATION SUB-DIVISION, HUMMA																
RIVER EMBANKMENT																
1	LFB of River Rushikulya near village Antarigam		O.A.E.			9.590	Rushikulya	Rushikulya	Ganjam	RD 00 to 9.590Km	25.00	1:1.5 1:2	3.60	200m (4400 to 4600m)	10 Nos. RD 400m, 700m, 3200m, 3300m, 4100m, 4200m, 8300m, 8400m & 8700m	Launching apron & packing
2	LFB of River Rushikulya near village Pandarakholi		O.A.E.			0.200	Rushikulya	Rushikulya	Ganjam	RD 9.590 to 9.790Km	20.63			Flood protection wall (170m) completed		-do-
3	LFB of River Rushikulya near village Bhimapur		O.A.E.			4.610	Rushikulya	Rushikulya	Ganjam	RD 9.790 to 14.400Km	20.63	1:1.5 1:2	3.60	--	--	-do-
4	LFB of River Rushikulya near village Purushottampur		O.A.E.			0.550	Rushikulya	Rushikulya	Ganjam	RD 14.400 to 15.00Km	17.86	1:1.5 1:2	3.60	--	3 Nos. 14.60, 14.70 & 14.80 Km	-do-
5	LFB of River Rushikulya near village Kumbhari		O.A.E.			1.000	Rushikulya	Rushikulya	Ganjam	RD 15.00 to 16.00Km	17.50	1:1.5 1:2	3.60	800m (15.20 to 16.00Km)	4 Nos. RD 15.40, 15.50, 15.70 & 15.80Km	200m Launching apron is required.
6	LFB of River Rushikulya near village Jaleswarkhandi.		O.A.E.			10.000	Rushikulya	Rushikulya	Ganjam	RD 16.00 to 26.00Km						

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DHANEI IRRIGATION SUB-DIVISION, CHIRIKIPADA SASAN																
1	Left Flood Embankment of River Baghua		O.A.E.			24.950	Rushikulya	Baghua	Ganjam	00 to 2.50 Km	15 to 16	1:1.5	2.60	<u>50m</u> RD 300m to 350m	--	Widening required
										2.50 to 5.00Km	16 to 19	1:1.5	3.60	<u>30m</u> RD 2200m to 2230m		
														<u>150m</u> RD 2600m to 2750m	1 No. spur at RD 5.00Km	80m Launching required near RD 4.6 Km
														<u>140m</u> RD 3600m to 3740m		
														<u>200m</u> RD 3750m to 3950m		
														<u>200m</u> RD 4000m to 4200m		
										5.00 to 10.00Km	19.0 to 23.8	1:1.5	3.60	<u>200m</u> RD 7400m to 7600m	1 No. spur at RD 9800m	100m launching required at RD 9.7Km
														<u>80m</u> RD 8200m to 8280m		
														<u>100m</u> RD 8700m to 8800m		
														<u>40m</u> RD 9600m to 9640m		
														<u>50m</u> RD 9800m to 9850m		
										10.00 to 15.00Km	23.80 to 28.20	1:1.5	3.60	<u>80m</u> RD 10700m to 10780m	2nos. Spur at RD 11600m	12.1 to 13.1Km widening & strengthening required
														<u>100m</u> RD 11100m to 11200m		
														<u>40m</u> RD 11300m to 11340m	2nos. Spur at RD 13100m	12.2 to 12.6Km launching required
														<u>80m</u> RD 12100m to 12180m		
										15.00 to 19.60Km	28.20 to 34.10	1:1.5	3.60	<u>200m</u> RD 16500m to 16700m	4nos. Spur near RD 17.00Km	From 15.00 to 15.40Km widening required & from 16.00 to 16.50Km Launching & widening required.
										19.60 to 24.95Km	34.10 to 34.76	1:1.5	5.00	<u>620m</u> RD 20930m to 21550m	--	Launching required from RD 21.55 to 21.85Km
														<u>550m</u> RD 21850m to 22400m		
2	R.F.B of River Dhanei from Randi to Malatentulia		O.A.E.			5.000	Rushikulya	Dhanei	Ganjam	00 to 2.00Km	70.00 to 58.00	1:1	2.00	150m	--	Launching & widening required
3	R.F.B of River Dhanei near village Madhupalli		O.A.E.			1.600	Rushikulya	Dhanei	Ganjam	00 to 1.60Km	53.00	1:1	2.50	150m	--	Launching & widening required

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1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17
4	R.F.B of River Dhanei near village Patigada		O.A.E.			2.000	Rushikulya	Dhanei	Ganjam	00 to 2.00Km	48.00	1:1	2.00	--	--	Launching & widening required
5	R.F.B of River Dhanei near village Rukakana		O.A.E.			1.600	Rushikulya	Dhanei	Ganjam	00 to 1.60Km	42.00	1:1	2.50	170m	--	Launching & widening required
6	R.F.B of River Dhanei near village Kalamba		O.A.E.			1.200	Rushikulya	Dhanei	Ganjam	00 to 1.20Km	40.00	1:1	3.00	--	--	Launching & widening required
7	R.F.B of River Dhanei near village Jenapur		O.A.E.			1.200	Rushikulya	Dhanei	Ganjam	00 to 1.20Km	37.00	1:1	3.00	150m	--	Launching & widening required
8	R.F.B of River Dhanei near village Jakar		O.A.E.			1.000	Rushikulya	Dhanei	Ganjam	00 to 1.00Km	35.00	1:1	2.00	100m	--	Launching & widening required
9	R.F.B of River Dhanei near village Banapalli		O.A.E.			1.070	Rushikulya	Dhanei	Ganjam	00 to 1.07Km	34.00	1:1	2.00	--	--	Launching & widening required
10	R.F.B of River Dhanei near village Oasingi		O.A.E.			1.200	Rushikulya	Dhanei	Ganjam	00 to 1.20Km	33.00	1:1.5	3.00	280m	--	200m launching required
11	R.F.B of River Dhanei from Oasingi to Govindapur		O.A.E.			1.745	Rushikulya	Dhanei	Ganjam	00 to 1.745Km	32.00	1:1.5	3.60	--	--	200m launching required
12	R.F.B of River Dhanei near village Barida		O.A.E.			2.300	Rushikulya	Dhanei	Ganjam	00 to 2.30Km	26.00	1:1.5	2.00	--	--	200m launching required
13	R.F.B of River Dhanei near village Borasingi		O.A.E.			1.400	Rushikulya	Dhanei	Ganjam	1 to 1.40Km						
14	R.F.B of River Dhanei near village Ekadasi		O.A.E.			1.600	Rushikulya	Dhanei	Ganjam	00 to 1.60Km	22.00	1:1.5	2.00	300m	--	100m launching required
15	R.F.B of River Dhanei near village Ambapua		O.A.E.			2.800	Rushikulya	Dhanei	Ganjam	00 to 2.80Km	21.00	1:1.5	2.00	280m	--	Launching & widening required
16	R.F.B of River Dhanei near village Pathara		O.A.E.			0.500	Rushikulya	Dhanei	Ganjam	00 to 800m	19.00	1:1	1.50	90m	--	100m launching & widening required
17	R.F.B of River Dhanei near village Sanachadeiapada		O.A.E.			0.450	Rushikulya	Dhanei	Ganjam	00 to 450m	19.00	1:1	1.50	80m	--	Raising & strengthening required
18	R.F.B of River Dhanei near village Baliasara		O.A.E.			2.200	Rushikulya	Dhanei	Ganjam	00 to 2.20Km	16.00	1:1	1.50	--	--	Launching & widening required
19	R.F.B of River Dhanei near village Bolosara		O.A.E.			1.400	Rushikulya	Dhanei	Ganjam	00 to 1.40Km	16.00	1:1	1.20	--	--	Launching & widening required
20	R.F.B of River Dhanei near village Gunduribadi.		O.A.E.			0.170	Rushikulya	Dhanei	Ganjam	00 to 170m	15.00	1:1	1.00	--	--	Launching & widening required
21	L.F.B of River Dhanei from Bhabarada to Malatentulia		O.A.E.			2.000	Rushikulya	Dhanei	Ganjam	00 to 2.00Km	59.00	1:1	1.80	--	--	Launching & widening required
22	L.F.B of River Dhanei near Rameswar Temple (Polosara)		O.A.E.			0.300	Rushikulya	Dhanei	Ganjam	00 to 300m	45.00	1:1	2.50	200m	--	--
23	L.F.B of River Dhanei near village Kankarada		O.A.E.			2.000	Rushikulya	Dhanei	Ganjam	00 to 2.00Km	43.00	1:1	2.00	300m	2nos.	300m Launching required
24	L.F.B of River Dhanei near village Nimundia		O.A.E.			1.020	Rushikulya	Dhanei	Ganjam	00 to 1.02Km	33.00	1:1	1.80	100m	--	Launching & widening required

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1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17
25	L.F.B of River Dhanei near village Badachadeiapada		O.A.E.			2.000	Rushikulya	Dhanei	Ganjam	00 to 2000m	26.00	1:1	1.00	80m	--	Launching & widening required
26	L.F.B of River Dhanei near village Barida.		O.A.E.			1.300	Rushikulya	Dhanei	Ganjam	00 to 1300m						
27	L.F.B of River Dhanei near village Borosingi		O.A.E.			1.000	Rushikulya	Dhanei	Ganjam	00 to 1.00Km	24.00	1:1	1.00	30m	--	Launching & widening required
28	L.F.B of River Dhanei near village J.Dengapadar		O.A.E.			0.600	Rushikulya	Dhanei	Ganjam	00 to 600m	23.00	1:1	1.50	80m	--	Launching & widening required
29	L.F.B of River Dhanei near village nandiaguda		O.A.E.			0.800	Rushikulya	Dhanei	Ganjam	00 to 800m	22.00	1:1.5	1.50	187m	--	--
30	L.F.B of River Dhanei near village Hindula		O.A.E.			0.800	Rushikulya	Dhanei	Ganjam	00 to 800m	22.00	1:1.5	1.50	--	--	200m launching required
31	L.F.B of River Dhanei near village Belapur		O.A.E.			0.300	Rushikulya	Dhanei	Ganjam	00 to 300m	15.00	1:1	1.00	--	--	100m launching required
32	L.F.B. of River Dhanei near village Sadabrata Nuagaon		O.A.E.			0.600	Rushikulya	Dhanei	Ganjam	00 to 600m	16.00	1:1	1.00	--	--	Launching & widening required
33	L.F.B. of River Dhanei near village Sunarijhola		O.A.E.			1.400	Rushikulya	Dhanei	Ganjam	00 to 1.40Km	15.00	1:1	1.00	20m	--	200m launching & widening required
	TOTAL (DHANEI RIVER EMBANKMENT)					44.555										
GRAND TOTAL						244.645										

Executive Engineer,
Berhampur Irrigation Division.