

**HEALTH STATUS OF EXISTING RIVER/ SALINE EMBANKMENTS UNDER MAYURBHANJ IRRIGATION DIVISION
BARIPADA (MAY-2021)**

NAME OF THE DIVISION;

MAYURBHANJ IRRIGATION DIVISION, BARIPADA

83.25 KM.

Sl. No.	Name of the embankment.	Category of the 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 parameters.
		C.E.	O.A.E	T.R.E.	S.E.						TBL "m"	Side slope	Top width" m"	Revetment packing in "m" with location.	Spur in nos.with location.	
1	TRE on right bank at Tikayatpur.			TRE		0.50	Subarnarekh a Basin	Subarna- rekha	Mayurbhanj.		14.00	1.5:1	3.50		4nos.at Tikayatpur high level spur.	
2	TRE on right bank from Berhampura to Tambakhuri.			TRE		3.50	Subarnarekh a.Basin	Subarna- rekha	Mayurbhanj.	Reach- I, from RD 00 to 2800m.	13.50	1.5:1	3.50	Gadighati 450.00		
							Subarnarekh a.Basin			Reach- II, from RD 2800 to 3500m.	13.50	1.5:1	3.50	Bandhamundi 650.01		
3	TRE on left bank from Jadapada to Gobra			TRE		2.50	Subarnarekh a.Basin	Sannai	Mayurbhanj.	Reach- I, from RD 00 to 1500m.	20.00	1.5:1	3.00	Jadapada 870.00		
							Subarnarekh a.Basin			Reach- II, from RD 1500 to 2500m.	20.00	1.5:1	3.00			
4	TRE on right bank from Gholmuha to Gandaguhali			TRE		1.60	Subarnarekh a.Basin	Jambhira	Mayurbhanj.	Reach- I, from RD 00 to 1600m.	24.00	1.5:1	3.00	Gholamuha 350.00		
5	TRE on left bank from Pariakoili to Panchgochia.			TRE		4.00	Subarnarekh a.Basin	Jambhira	Mayurbhanj.	Reach-I from RD 00 to 1650m.	23.50	1.5:1	3.50	Pariakoili-260.00 Rukuni 919.00,		
										Reach- II, from RD 1650 to 2520m.	23.00	1.5:1	3.50	Patakundia 817.00	3nos.at Patakundia L.L.spur	
										Reach-III, from RD 2520 to 4000m.	22.00	1.5:1	3.30	Panchagochia 200.00		

Sl. No.	Name of the embankment.	Category of the 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 parameters.
		C.E.	O.A.E	T.R.E.	S.E.						TBL "m"	Side slope	Top width" m"	Revetment packing in "m" with location.	Spur in nos.with location.	
6	TRE on right bank from Sildapatpur to Bharandananda.			TRE		6.00	Subarnarekh a.Basin	Jambhira	Mayurbhanj.	Reach-I from RD 00 to 4 500m.	22.00	1.5:1	3.00	Silda 100.00, Barakanda 1350.00		
										Reach- II from RD 3500 to 6000m.	22.00	1.5:1	3.00	Itamundia 791.00		
7	TRE on right bank of river Jambhira from Bhamanada to Kusadiha.			TRE		3.50	Subamarekh a.Basin	Jambhira	Mayurbhanj.	Reach-I from RD 00 TO3500m.	21.00	1.5:1	3.00			
8	TRE on left bank at Bachuripal			TRE		0.50	Subarnarekh a.Basin	Jambhira	Mayurbhanj.	Reach-I from RD 00 to 500m	20.00	1.5:1	3.00	Bachuripal 145.00,		
9	TRE on left bank from Sansa to Musamari.			TRE		3.00	Subarnarekh a.Basin	Jambhira	Mayurbhanj.	Reach-I from RD 00 to 300m	20.00	1.5:1	3.50	Sansa 883.00,		
										Reach-II from RD 300 to 1200m	20.00	1.5:1	3.00	Sansa 583.00		
										Reach-III from RD 1200m.to 2080m.	20.00	1.5:1	3.00	Debsole 636.00,		
										Reach-IV from RD 2080m. To 3000m.	20.00	1.5:1	3.00	Musamari- 75.00		
10	TRE on left bank from Ramchandrapur to Katuni			TRE		1.50	Subarnarekh a.Basin	Jambhira	Mayurbhanj.	Reach-I from RD 00 to 1000m.	20.00	1.5:1	2.50	Ramchandrapur 692.00	Resectioning required to maintain top width 3.0m.	
										Reach- II from RD 1000 to 1500m	20.00	1.5:1	2.50		Resectioning required to maintain top width 3.0m.	

Sl. No.	Name of the embankment.	Category of the 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 parameters.
		C.E.	O.A.E	T.R.E.	S.E.						TBL "m"	Side slope	Top width" m"	Revetment packing in "m" with location.	Spur in nos.with location.	
11	TRE on right bank from Jharianala to Pinguli.			TRE		8.00	Subarnarekh a.Basin	Jambhira	Mayurbhanj.	Reach- I from RD 00 to 2000m.	20.00	1.5:1	2.00			
										Reach- II from RD 2000m. To 5000m..	20.00	1.5:1	3.00	Vedisahi 500.00, Luhakanta 500.00, duhulikura 450.00,		
										Reach- III from RD 5000m. To 8000m..	19.70	1.5:1	3.00	Padamtalia 350.00 & Pinguli 310.00		
12	TRE on right bank from Patharchatia to S.E.railway.			TRE		11.60	Subarnarekh a.Basin	Jambhira	Mayurbhanj.	Reach-I from RD 00 to 6700m.	17.80	1.5:1	2.00	Patharchatia 260.00, Bodhi 152.00, Badampur 1340.00 & Ektali 365.00		Required resectioning for maintaining top width 3.0m. TBL 18.5m. & slope packing.
13	TRE on left bank at Sakua			TRE		1.00	Budhabalang a Basin	Budha- balanga	Mayurbhanj.	Reach.-I RD 00 to 300m	23.20	1.4:1	2.50	180m.stone packing at Sakua		Strengthening required to achieve top width of 3.m .
										Reach.-II RD300 to 1000m	23.20	1.2:1	2.00			Strengthening required to achieve top width of 3m.
14	TRE on left bank from Singlamunduli to Kathpal			TRE		2.00	Budhabalang a Basin	Budha- balanga	Mayurbhanj.	Reach.-I RD 00 to 800m	22.60	1.5:1	3.00			
										Reach.-II RD800 to 2000m	22.60	1.5:1	2.80			
15	Ringbandh on left bank at Panchputuli			TRE		0.55	Budhabalang a Basin	Budha- balanga	Mayurbhanj.	Reach.-I RD 00 to 270m	21.80	1.4:1	2.00		5nos.high level spur at Panchputuli	Strengthening required to achieve top width of 3. m

Sl. No.	Name of the embankment.	Category of the 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 parameters.
		C.E.	O.A.E	T.R.E.	S.E.						TBL "m"	Side slope	Top width" m"	Revetment packing in "m" with location.	Spur in nos.with location.	
16	TRE on right bank from Gambharia to Sorisakatha			TRE		2.00	Budhabalanga Basin	Budhabalanga	Mayurbhanj.	Reach.-II RD270 to 550m	21.20	1.4:1	1.70			.strengthening required to achieve top width of 3. m
											22.50	1.5:1	3.50	40m.stone packing at Sorisakatha.		PMGSY road on top of TRE.
17	TRE on right bank of Danapal			TRE		0.70	Budhabalanga Basin	Budhabalanga	Mayurbhanj.	Reach.-I RD 00 to 200m	22.50	1.5:1	2.50	200m. Packing at Danapal to the river side slope.		Strengthening required to achieve top width of 3. m .
										Reach.-II RD200 to 700m	22.50	1.5:1	2.80	500m. Packing at Danapal to the river side slope.		Strengthening required to achieve top width of 3. m .
18	TRE on right bank at Uttarpal			TRE		0.40	Budhabalanga Basin	Budhabalanga	Mayurbhanj.		22.50	1.5:1	2.80	400m. Packing to river side slope at Uttarpal		Strengthening required to achieve top width of 3. m .
19	TRE on right bank at Tentol			TRE		0.50	Budhabalanga Basin	Budhabalanga	Mayurbhanj.	Reach.-I RD 00 to 120m	22.40	1.4:1	2.70	500m. Packing to the riverside slope at Tentol		Strengthening required to achieve top width of 3. m .
										Reach.-II RD120 to 500m	22.40	1.4:1	2.20			Strengthening required to achieve top width of 3. m .
20	TRE on right bank at Arapata			TRE		1.00	Budhabalanga Basin	Budhabalanga	Mayurbhanj.		22.50	1.5:1	3.00	1000m. Packing at Arapata		
21	TRE on right bank at Madhpur (Unchabali)			TRE		1.20	Budhabalanga Basin	Budhabalanga	Mayurbhanj.		22.40	1.5:1	3.00	11m. Packing from Unchabali to Madhpur		
22	TRE on right bank at Sankucha.			TRE		0.70	Budhabalanga Basin	Budhabalanga	Mayurbhanj.		22.20	1.5:1	3.00	700m. Packing at Sankucha		
23	TRE on right bank at Singtia.			TRE		1.00	Budhabalanga Basin	Budhabalanga	Mayurbhanj.		22.20	1.5:1	3.00	1000m stone packing at Singtia.		
24	TRE on right bank at Khuntapal			TRE		1.30	Budhabalanga Basin	Budhabalanga	Mayurbhanj.		22.50	1.5:1	3.00	1300m. Stone packing at Khuntapal.		
25	TRE on left bank near Dhingida & Barihapal.			TRE		0.70	Budhabalanga Basin	Budhabalanga	Mayurbhanj.		23.00	1.5:1	3.00	700m. Stone packing at Dhingra upto Barihapal		


Sl. No.	Name of the embankment.	Category of the 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 parameters.
		C.E.	O.A.E	T.R.E.	S.E.						TBL "m"	Side slope	Top width" m"	Revetment packing in "m" with location.	Spur in nos.with location.	
26	TRE on left bank near Bartana			TRE		0.70	Budhabalanga Basin	Budhabalanga	Mayurbhanj.		23.00	1.5:1	3.00	700m stone packing		
27	TRE on left bank near Paikapada			TRE		1.10	Budhabalanga Basin	Budhabalanga	Mayurbhanj.		23.00	1.5:1	3.00	1100m. Stone packing at Paikapada		
28	TRE on right bank from Chenguamangapur to Dasipur			TRE		2.00	Budhabalanga Basin	Gangahar	Mayurbhanj.	Reach-I RD 00 to 2000m	41.50	1.5:1	3.00	70m. Stone packing at Chenguamangapur		
29	TRE on right bank from Khadipal to Unchadihi.			TRE		1.00	Budhabalanga Basin	Gangahar	Mayurbhanj.	Reach-I RD 00 to 1000m	41.50	1.4:1	2.50	70m. Stone packing at Khadipal.and 80m. At Unchadihi.		Strengthening required to achieve top width of 3. m.
30	TRE on left bank from Kunchibania to Nunkua.			TRE		7.60	Budhabalanga Basin	Gangahar	Mayurbhanj.	Reach.-I RD 00 to 150m	41.20	1.5:1	3.00			
										Reach.-II RD 150 to 450m	40.00	1.4:1	2.70			Strengthening required to achieve TBL,Top width of 3m
										Reach.-III RD 450 to 1000m	40.00	1.4:1	2.80			Strengthening required to achieve TBL,Top width of 3m
										Reach.-IV RD 1000 to 2200m	41.00	1.5:1	3.00	450m. Stone packing at Kunchibania		
										Reach.-V RD 2200 to 5400m	41.20	1.4:1	3.00			Strengthening required to achieve TBL & to mentain side slope
										Reach.-VI RD 5400 to 6400m	41.20	1.4:1	3.50	500m. Stone packing at Kunchibania		Strengthening required to achieve TBL & to mentain side slope
										Reach.-VII RD 6400 to 7600m	41.20	1.4:1	3.00			Strengthening required to achieve TBL & to mentain side slope


Sl. No.	Name of the embankment.	Category of the 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 parameters.
		C.E.	O.A.E	T.R.E.	S.E.						TBL "m"	Side slope	Top width" m"	Revetment packing in "m" with location.	Spur in nos.with location.	
31	TRE on left bank from Narangan to Palpatna.			TRE	3.90	Budhabalanga Basin	Gangahar	Mayurbhanj.	Reach-I from RD 00 to 800m	40.00	1.5:1	3.50	300m. Stone packing at Narangan. (Kangress bandh)			
									Reach II from RD 800 to 2200m.	40.00	1.5:1	3.50	300m. Stone packing at Tulasibani.			
									Reach-III from RD 2200 to 2800m	40.00	1.4:1	3.00	70m. Stone packing at Palpatna		Strengthening required to achieve TBL & to mentain side slope	
									Reach-IV from RD 2800m. To 3900m.	40.00	1.4:1	3.00			Strengthening required to achieve TBL & to mentain side slope	
32	TRE on left bank from Bhanupur to Kantisahi.			TRE	2.80	Budhabalanga Basin	Sono	Mayurbhanj.	Reach-I from RD 00 to 400m	26.50	1.4:1	2.80	200m. Stone packing at Bhanupur,		Strengthening required to achieve top width of 3m.	
									Reach II from RD 400 to 600m.	26.50	1.4:1	2.50	200m. Stone packing at Bhanupur,		Strengthening required to achieve top width of 3m.	
									Reach-III from RD 600 to 2000m	26.50	1.4:1	2.50	800m. Stone packing at Chakabrhmansahi		Strengthening required to achieve top width of 3m.	
									Reach-IV from RD 2000m. To 2800m.	26.50	1.4:1	2.60	600m. Stone packing at Chakabrhmansahi & Manatri		Strengthening required to achieve top width of 3m.	
									Reach-I from RD 00 to 800m	26.30	1.4:1	2.50			Strengthening required to achieve top width of 3m.	

Sl. No.	Name of the embankment.	Category of the 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 parameters.
		C.E.	O.A.E	T.R.E.	S.E.						TBL "m"	Side slope	Top width" m"	Revetment packing in "m" with location.	Spur in nos.with location.	
33	TRE on right bank from Baradihi to Parchipur			TRE	2.90	Budhabalanga Basin	Sono	Mayurbhanj.	Reach II from RD 800 to 1800m.	26.50	1.4:1	2.80	400m. Stone packing at Ghunguposi and Parchipur.		Strengthening required to achieve top width of 3m.	
									Reach-III from RD 1800 to 2900m	26.50	1.4:1	2.70	1100m. Stone packing at Parchipur.		Strengthening required to achieve top width of 3m.	
34	OAE on left bank at Kulipal.		OAE		2.00	Budhabalanga Basin	Budhabalanga	Mayurbhanj.	Reach-I from RD 00 to 2000m		1.4:1	2.00			Strengthening required to achieve top width of 3m.	


83.25

Certified that the embankments have been physically verified by A.E./DEE in 100%, E.E. Mbj. Irrn. Divn., Baripada 50% & SEBIC, Baripada 25%


Asst. Engineer,
Baripada Irrn. Sub-Divn.,
Baripada


Dy. Ex. Engineer,
Baripada Irrigation Sub-Division
Baripada


Executive Engineer,
Mayurbhanj Irrigation Division
Baripada


Collector & District Magistrate
Mayurbhanj, Baripada


Superintending Engineer,
Baripada Irrigation Circle,
Adl. Chief Engineer
Baripada Irrigation Circle,
Takatpur, Baripada