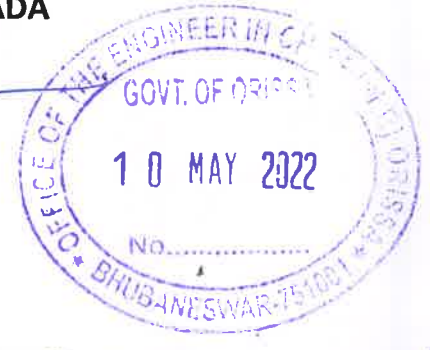


RIP

OFFICE OF THE SUPERINTENDING ENGINEER
MAYURBHANJ IRRIGATION DIVISION, BARIPADA

No 1002 / Date 6/5/22
WE.



To ✓
The Chief Engineer HH. GIS. & CEM
Office of the Engineer-in-Chief,
Water Resources, Odisha, Bhubaneswar

CE HH. GIS & CEM
10/5/22

Sub: Submission of Health Status of existing River /Saline embankment
Under Mayurbhanj Irrigation Division, Baripada (April-2022)

Sir,

In inviting a kind reference to the subject cited above, it is to submit herewith Health Status of existing River/Saline embankments (April-2022) pertaining to the Superintending Engineer, Mayurbhanj Irrigation Division, Baripada after due signature of Collector & District Magistrate, Mayurbhanj, Baripada.

This is for favour of kind information and necessary action.

Encl : As above – 1 set

Yours faithfully,
[Signature] 6.5.22
Superintending Engineer,
Mayurbhanj Irrigation Division,
Baripada

Memo No 1003 / Date 6/5/22
WE.

Copy along with enclosures submitted to the Chief Engineer & Basin Manager, S & B Basin, Laxmiposi/Additional Chief Engineer, Baripada Irrigation Circle, Baripada for favour of kind information and necessary action.

Encl : As above- 1 set

[Signature]
Superintending Engineer,
Mayurbhanj Irrigation Division,
Baripada

Ms Smaranika
10.05.22

Dis: *[Signature]* AM KCLLS
7/5/22



**GOVERNMENT OF ODISHA
DEPARTMENT OF WATER RESOURCES.
ODISHA, BHUBANESWAR.**

**HEALTH STATUS OF EXISTING RIVER / SALINE
EMBAKMENTS UNDER MAYURBHANJ
IRRIGATION DIVISION, BARIPADA (APRIL-2022)**

**Superintending Engineer,
Mayurbhanj Irrigation Division,
Baripada.**

HEALTH STATUS OF EXISTING RIVER EMBANKMENTS 2022 UNDER MAYURBHANJ IRRIGATION DIVISION BARIPADA

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.	
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 Gandaguhail			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		
									Reach-II, from RD 1650 to 2520m.	23.50	1.5:1	3.50	Panakoili-260.00 Rukuni 919.00,		
5	TRE on left bank from Parakoili to Panchgochia.			TRE	4.00	Subarnarekh a. Basin	Jambhira	Mayurbhanj.	Reach-III, from RD 2520 to 4000m.	22.00	1.5:1	3.30	Panchagochia 200.00		
									Reach-II, from RD 1650 to 2520m.	23.00	1.5:1	3.50	Patakundia 817.00	3nos. at Patakundia L.L.spur	

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"	Slope	Top width" m"	Revetment packing in "m" with location.	
6	TRE on right bank from Sidapatpur to Bharandananda.			TRE	6.00	Subarnarekh a. Basin	Jambhira	Mayurbhanj.	Reach-I from RD 00 to 4 500m. Reach- II from RD 3500 to 6000m.	22.00	1.5:1	3.00	Sida 100.00, Barakanda 1350.00		
7	TRE on right bank of river Jambhira from Bhamanada to Kusadha.			TRE	3.50	Subarnarekh 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-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		
									Reach-I from RD 00 to 1000m.	20.00	1.5:1	2.50	Ramchandrapur 692.00		
10	TRE on left bank from Ramchandrapur to Katuni			TRE	1.50	Subarnarekh a. Basin	Jambhira	Mayurbhanj.	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"	Slope	Top width "m"	Revetment packing In "m" with location.	Spur in nos. with location.	
11	TRE on right bank from Jharanala to Pinguli.			TRE		8.00	Subarnarekh a Basin	Jambhira	Mayurbhanj.	Reach-I from RD 00 to 2000m. Reach-II from RD 2000m. To 5000m.. Reach-III from RD 5000m. To 8000m..	20.00	1.5:1	2.00			Resectioning required to maintain top width 3.0m.
12	TRE on right bank from Patharchaita 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	Patharchaita 260.00, Bodi 152.00, Badampur 1340.00 & Ektali 365.00		Required resectioning for maintaining top width 3.0m. TBL 16.5m. & slope packing. 4nos of small breach to be restored before 15th May-22 at Ektali
13	TRE on left bank at Sakua			TRE		1.00	Budhabalang a Basin	Budhabalanga	Mayurbhanj.	Reach-I RD 00 to 300m Reach-II RD300 to 1000m	23.20	1.4:1	2.50	180m.stone packing at Sakua		Strengthening required to achieve top width of 3m.
14	TRE on left bank from Singlamunduli to Kathpal			TRE		2.00	Budhabalang a Basin	Budhabalanga	Mayurbhanj.	Reach-I RD 00 to 800m Reach-II RD800 to 2000m	22.60	1.5:1	3.00			Strengthening required to achieve top width of 3m.
15	Ringbandh on left bank at Parachputuli			TRE		0.55	Budhabalang a Basin	Budhabalanga	Mayurbhanj.	Reach-I RD 00 to 270m	21.80	1.4:1	2.00		Snos. high level spur at Parachputuli	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.	
								Reach.-II RD270 to 550m	21.20	1.4:1	1.70				strengthening required to achieve top width of 3. m
16	TRE on right bank from Gambharia to Sorisakatha			TRE	2.00	Budhabalang a Basin	Budha-balanga	Mayurbhanj.		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	Budhabalang a Basin	Budha-balanga	Mayurbhanj.	Reach.-I RD 00 to 200m Reach.-II RD200 to 700m	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.
18	TRE on right bank at Uttarpal			TRE	0.40	Budhabalang a Basin	Budha-balanga	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 Tentai			TRE	0.50	Budhabalang a Basin	Budha-balanga	Mayurbhanj.	Reach.-I RD 00 to 120m Reach.-II RD120 to 500m	22.40	1.4:1	2.70	500m. Packing to the riverside slope at Tentai		Strengthening required to achieve top width of 3. m.
20	TRE on right bank at Arapata			TRE	1.00	Budhabalang a Basin	Budha-balanga	Mayurbhanj.		22.50	1.5:1	3.00	1000m. Packing at Arapata		
21	TRE on right bank at Madhpur (Unchabali)			TRE	1.20	Budhabalang a Basin	Budha-balanga	Mayurbhanj.		22.40	1.5:1	3.00	11m. Packing from Unchabali to Madhpur		
22	TRE on right bank at Sankucha.			TRE	0.70	Budhabalang a Basin	Budha-balanga	Mayurbhanj.		22.20	1.5:1	3.00	700m. Packing at Sankucha		
23	TRE on right bank at Singtia.			TRE	1.00	Budhabalang a Basin	Budha-balanga	Mayurbhanj.		22.20	1.5:1	3.00	1000m stone packing at Singtia.		
24	TRE on right bank at Khuntapal			TRE	1.30	Budhabalang a Basin	Budha-balanga	Mayurbhanj.		22.50	1.5:1	3.00	1300m. Stone packing at Khuntapal.		
25	TRE on left bank near Dhingida & Baritapal.			TRE	0.70	Budhabalang a Basin	Budha-balanga	Mayurbhanj.		23.00	1.5:1	3.00	700m. Stone packing at Dhingira upto Baritapal		

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"	Slope	Top width "m"	Revetment packing In "m" with location.	Spur in location.	
26	TRE on left bank near Bartana			TRE		0.70	Budhabalang a Basin	Budhabalang	Mayurbhanj.		23.00	1.5:1	3.00	700m stone packing		
27	TRE on left bank near Paikapada			TRE		1.10	Budhabalang a Basin	Budhabalanga	Mayurbhanj.		23.00	1.5:1	3.00	1100m. Stone packing at Paikpada		
28	TRE on right bank from Chenguamangapur to Dasipur			TRE		2.00	Budhabalang a 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 Unchadhi.			TRE		1.00	Budhabalang a Basin	Gangahar	Mayurbhanj.	Reach-I RD 00 to 1000m	41.50	1.4:1	2.50	70m. Stone packing at Khadipal and 80m. At Unchadhi.		Strengthening required to achieve top width of 3. m.
30	TRE on left bank from Kunchibania to Nunakua.			TRE		7.60	Budhabalang a Basin	Gangahar	Mayurbhanj.	Reach.-I RD 00 to 150m	41.20	1.5:1	3.00			
										Reach.-II RD150 to 450m	40.00	1.4:1	2.70			Strengthening required to achieve TBL, Top width of 3m
										Reach.-III RD450 to 1000m	40.00	1.4:1	2.80			Strengthening required to achieve TBL, Top width of 3m
										Reach.-IV RD1000 to 2200m	41.00	1.5:1	3.00	450m. Stone packing at Kunchibania		
										Reach.-V RD2200 to 5400m	41.20	1.4:1	3.00			Strengthening required to achieve TBL & to maintain side slope
										Reach.-VI RD5400 to 6400m	41.20	1.4:1	3.50	500m. Stone packing at Kunchibania		Strengthening required to achieve TBL & to maintain side slope
										Reach.-VII RD6400 to 7600m	41.20	1.4:1	3.00			Strengthening required to achieve TBL & to maintain 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"	Slope	Top width "m"	Revetment packing in "m" with location.	
31	TRE on left bank from Narangan to Palpatra.			TRE	3.90	Budhabalang a Basin	Gangaha r	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 Palpatra		Strengthening required to achieve TBL & to maintain side slope
									Reach-IV from RD 2800m. To 3900m.	40.00	1.4:1	3.00			Strengthening required to achieve TBL & to maintain side slope
32	TRE on left bank from Bhanupur to Kantisahi.			TRE	2.80	Budhabalang a Basin	Somo	Mayurbhanj.	Reach-I from RD 00 to 400m	26.50	1.4:1	2.80	200m. Stone packing at Bhaunupur,		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 Bhaunupur,		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 Chakabhmansahi		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 Chakabhmansahi & 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.	
33	TRE on right bank from Baradhi to Parchipur			TRE		Budhabalang a Basin	Sono	Mayurbhanj.	Reach II from RD 800 to 1800m. Reach-III from RD 1800 to 2900m	26.50	1.4:1	2.80	400m. Stone packing at Ghunguposi and Parchipur.		Strengthening required to achieve top width of 3m.
34	OAE on left bank at Kulipal.		OAE		2.00	Budhabalang a Basin	Budhabalanga	Mayurbhanj.	Reach-I from RD 00 to 2000m	26.50	1.4:1	2.70	1100m. Stone packing at Parchipur.		Strengthening required to achieve top width of 3m.
83.25															

Certified that the embankments have been physically verified by J.E./A.E./AEE in 100%, S.E. Mbi. Irm. Divn., Baripada 50% & A.C.E., Baripada 25%

[Signature]
J.E./Asst. Engineer,
Baripada Irm. Sub-Divn.,
Baripada

[Signature]
Asst. Ex. Engineer,
Baripada Irrigation Sub-Division
Baripada

[Signature]
Superintending Engineer,
Mayurbhanj Irrigation Division
Baripada

[Signature]
Addl. Chief Engineer,
Baripada Irrigation Circle,
Baripada

[Signature]
Collector & District Magistrate
Mayurbhanj, Baripada