



**GOVERNMENT OF ODISHA  
DEPARTMENT OF WATER RESOURCES**

**HEALTH STATUS OF EMBANKMENTS  
(C.E. / T.R.E. / O.A.E. / S.E.)**

**NAME OF DIVISION:-NIMAPARA IRRIGATION DIVISION, NIMAPARA**

**FOR THE YEAR 2021 DULY SIGNED BY  
THE COLLECTOR & DISTRICT MAGISTRATE, KHORDA & PURI**

**EXECUTIVE ENGINEER  
NIMAPARA IRRIGATION DIVISION  
NIMAPARA**

**STATUS OF CAPITAL EMBANKMENT, O.A.E., T.R.E. & SALINE EMBANKMENTS UNDER  
NIMAPARA IRRIGATION DIVISION, NIMAPARA**

SI No.	Name of District	Type & Length of Embankment in Km				
		C.E.	O.A.E	T.R.E.	S.E.	Total
1	Khorda	55.00	7.00			62.00
2	Puri	108.30	36.00	26.28	91.04	261.62
3	Cuttack	4.00				4.00
4	Jagatsinghpur	1.00				1.00
	<b>Total</b>	<b>168.30</b>	<b>43.00</b>	<b>26.28</b>	<b>91.04</b>	<b>328.62</b>

  
 Executive Engineer  
 Nimapara Irrigation Division  
 Nimapara  
 10/15

**DETAIL STATUS OF THE EXISTING RIVER / SALINE EMBANKMENTS (submitted as on 30.04.2021)**

**NAME OF THE DIVISION**

**NIMAPARA IRRIGATION DIVISION, NIMAPARA**

**(UNDER KHORDA DISTRICT)**

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 packings (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
1	Kuakhai left Embankment from RD 00 to 11.00km	11.00				11.00	Mahanadi Basin	Kuakhai	Khordha	RD 00 to 11.00 km.	20.595/17.75	2:1	7.00	Packing (RD 00 to 0.45km, 2910 m 0.60 to 0.80, 1.07 to 1.33, 2.90-3.70, 7.90-8.50, 10.40 -11.00km)	10nos (within RD 3.69 to 4.23 km)	Design parameter - TBL-17.75 mtr, Top width 5.00 mtr.
2-I	Bhargabi Left Embankment from RD 00 to 11.00 km	11.00				11.00	Mahanadi Basin	Bhargavi	Khordha	RD 0-2.20Km	17.75 to 17.00	2:1	4.00	Packing ( RD 0 to 1.260 1260 m km.)	Nil	Existing CC Road from 00 to 0.900km. Design parameter TBL -18.300m
										RD 2.20-11.00 km	17.00/15.63	2:1	4.00	Packing -( RD 3.50 to 7.00 1350 m km & 8.825 to 9.600 km.)	Nil	Existing BT up to 8.75Km. Design TBL = 15.63m
														Launching with packing 1450 m (RD 4.00 to 4.080 , 5.9-6.43, 6.84-7.05, 8.825-9.50km)		
													Packing- (RD 3.446 to 3.52Km= 74mtr, 3.6 to 3.668= 68m, 3.756 to 3.864Km= 108m, 6.545 to 6.615Km= 70m & 10.796 to 10.925Km= 124 m) 444 m			
2-II	Bhargavi left Embankment fromk RD 11.00 to 37.80 km.	3.00				1.00	Mahanadi Basin	Bhargavi	Khordha	11.00 to 12.00km	15.40	1.5:1	3.00	Packing: near RD 11.8Km 600 m		Design parameter - TBL-15.90 mtr, Top width 3.60 mtr.
						2.00	-do-	-do-	Khordha	12.00km to 14.00 km	15.00	1.5:1	3.00	Packing : from RD12.500 km to 12.800km 300 m		Design parameter - TBL-- 15.30 mtr Top width 3.60 mtr.

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 packings (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										
3-I	K.V.Right Embankment from RD 00 to 27.00 km	27.00	0.00	0.00	0.00	12.00	Mahanadi Basin	Kushabhadr a	Khordha	RD 00-12 km	20.595/17.56	2:1	5.00	Packing (RD 0.4 to 0.820Km) 420 m 1.3 to 4 Km 2700 m RD 4.00 to 4.500 km. 500 m RD 4.5 to 7.3 Km 2800 m RD 8.34 to 10.96 Km 2620 m	Nil	Design parameter TBL - 20.595/17.56m, Top width - 5.00m.										
						7.00				RD 12-19 km	17.56/16.25	2:1	5.00	12 to 12.792Km 792 m Packing (RD 13.00 to 13.300 km, 14.00 to 15.00 km and 18.100 to 18.600 km) 1800 m 13.32 to 13.95Km 630 m 14.980 to 15.009Km 79 m 18.803Km to 19Km 197 m			Nil	Design parameter TBL - 17.56 to 16.25, Top width - 5.00m.								
						8.00				RD 19-27 km	16.25/14.84	2:1	5.00	Packing (RD 19.00 to 19.150 km, 22.900 to 23.100 & 25.400 to 25.800 km ) 750 m Packing (RD 19.15 to 19.378 Km) 228 m 21.58 to 21.80 Km 220 m 22.02 to 22.80 Km 680 m 26.2 to 26.425 Km 225 m					3 nos ( RD 21.15 to 21.20 km )	Design parameter TBL-16.25/ 14.84, Top width - 5.00m.						
						3-II				Kushabhadr a Right Embankment from RD 27.00 km to RD 30.00 km.	3.00	0.00	0.00	0.00	3.00	Mahanadi Basin	Kushabhadr a	Khordha	RD 27.00 to 30.00 km.	14.84	2:1	5.00	Nil	Nil	Design parameter TBL-14.84, Top width - 5.00m.	
											55.00				C.E. TOTAL= 55.00	Km										
						6				Dhanua left & right Embankment		7.00			7.00	Mahanadi Basin	Dhanua	Khordha	RD 0-3.5km (Left)	15.00/14.50	1.5:1	4.00	Nil	Nil	Design Parameter TBL - 15.00 to 14.00mtr. Top width - 4.00 mtr	
																			RD 0-3.5km (Right)	15.00/14.00	1.5:1	7.00	Nil	Nil		
												7.00			Sub-total= 7.00	Km										
															Total= 62.00	Km										

24.09.2021  
 Prabhakar Dixit  
 24/9/21  
 Junior Engineer  
 Besantmal Section  
 Basantmal

24.9.2021  
 Junior Engineer  
 Besantmal Section  
 Basantmal

24/9/21  
 Assistant Engineer  
 Besantmal Section  
 Balipatna  
 Sub-Divisional Officer  
 Balipatna Irrigation Sub-Division  
 Balipatna

24/9/21  
 EXECUTIVE ENGINEER  
 NIMAPARA IRRIGATION DIVISION  
 NIMAPARA

24/9/21  
 Collector  
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24/9/21  
 Tahasildar  
 BALIPATNA

**DETAIL STATUS OF THE EXISTING RIVER / SALINE EMBANKMENTS (submitted as on 30.04.2021)**

**NAME OF THE DIVISION**

**NIMAPARA IRRIGATION DIVISION, NIMAPARA**

**(UNDER PURI DISTRICT)**

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 packings (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	
1	Bhargavi left Embankment fromk RD 11.00 to 37.80 km.	23.80				3.50	-do-	Bhargavi	Puri	14.00 to 17.500 km.	14.63	1.5:1	3.00				Design parameter- TBL-14.80 mtr, Top width 3.60 mtr. )
						3.25	-do-		Puri	17.500 to 20.75km.	14.30	1.5:1	3.00				Design parameter - TBL-14.30mtr, Top width 3.60 mtr. )
						4.00	-do-		Puri	20.75 to 24.750 km.	13.55	1.5:1	3.60				Design parameter - TBL-13.69 mtr, Top width 3.60 mtr. )
						5.10	-do-		Puri	24.75km to 29.850 km.	12.70	1.5:1	3.60	Launching & Packing = RD 24.800 to 24.980 km	180 m		Design parameter - TBL-12.76mtr, Top width 3.60 mtr.)
						4.22	-do-		Puri	29.85 to 34.07	11.98	1.5:1	3.60	Launching & Packing = (RD 33.790 to 34.070 km.)	280 m		Design parameter - TBL-11.89mtr, Top width 3.60 mtr.
						3.73	-do-		Puri	34.07 to 37.800 km.	10.12	1.5:1	3.60				Design parameter - TBL-11.89mtr, Top width 3.60 mtr.

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Asst. Engineer  
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Nimapara Irrigation Division  
NIMAPARA

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Collector, Puri.

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 packings ( 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	
2-1	Kushabhadra Right Embankment from RD 30.00 km to 41.00 km.	11.00	0.00	0.00	0.00	7.10	Mahanadi Basin	Kushabhadr a	Puri	RD 30.00 to 37.10 km.	14.10	2:1	5.00	Packing = 380 mtr. (RD 33.600 to 33.680 , 33.950 to 34.00, 34.300 to 34.530 KM.)	380 m	2 Nos.Spur at RD 34.50 km., RD 34.530 km near Nakadiha & 1 No. Low level spur at RD 34.100 km.	Design Parameter TBL -14.1 mtr top width 5.00 mtr. 1 No. spur is in progress. 200.00 mtr Launching & packing required at RD 34.700Km.
						2.70				RD 37.10 to 39.80 km.	12.40	2:1	4.5	Packing = (RD 37.100 to 37.340. 37.600 to 37.750, 38.200 to 38.310 km)	580 m	Nil	Design Parameter TBL -12.40 mtr top width 4.5 mtr.
						1.20				RD 39.80 to 41.00 km.	11.45	2:1	5.00	Nil	Nil	Design Parameter TBL -11.45 mtr top width 5.00 mtr.	

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Collector Puri.

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 packings ( 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	
2- II	Kushabhadra Right Embankment from RD 41.00 to 56.00 km.	15.00				2.00	Mahanadi Basin	Kushabhadra	Puri	RD 41.00 to 43.00 km.	11.30	1.5:1	3.80	Packing (RD 41.7 to 41.90Km)	200 m	-	Design Parameter TBL -12.00 mtr top width 5.00 mtr. )
						4.00				RD 43.00 to 47.00 km.	10.80	1:1	3.00	42.3 to 42.50 Km	200 m	-	Design Parameter TBL -11.60 mtr top width 5.00 mtr. Side slope 1.5:1.)
						9.00				RD 47.00 to 56.00 km.	10.40 to 8.00 km.	1:1	3.50	-	-	-	Design Parameter TBL -11.60 to 8.50 mtr mtr top width 5.00 mtr. Side slope 1.5:1.)
2- III	Kushabhadra Right Embankment from RD 56.00 to 67.500 km.	11.50				11.50	Mahanadi Basin	Kushabhadra	Puri	RD 56.00 to 67.500 km.	8.00 to 5.89	1.5:1	4.00	Packing = RD 56.500 to 56.680 km. at Chadheigaon and RD 66.650 to 66.705 km. at Putunada	235 m	NIL	Design Parameter TBL - 8.90 to 6.60 mtr. )Top width 4.00 mtr.
										RD 62.9 to 63.140Km				240 m			
3- I	Kushabhadra Left Embankment from RD 38.500 to 55.200 km.	16.70				3.30	Lower Mahanadi Basin	Kushabhadra	Puri	RD 38.500 to 41.800 km	11.50	1:1 to 1.5:1	2.20 to 2.60	Packing (RD 38.500 to 38.700)	200 m	Nil	Design Parameter TBL - 12.40 to 10.30 mtr, Top width 4.00 mtr side slope 1.5:1.
						6.40				RD 41.800 to 48.200 km.	10.00	1:1 to 1.5:1	4.00	Packing (RD 44.500 to 44.700 & 47.700 to 48.200 km.)	700 m	Nil	Design Parameter TBL - 11.76 mtr to 10.47 mtr, Top width 4.00 mtr side slope 1.5:1
						3.80				RD 48.200 km to 52.00 km.	9.00	1.5:1	4.00	Packing from RD 51.900 to 52.10 km.	200 m	Nil	Design Parameter TBL - 10.10mtr to 9.70 mtr, Top width 4.00 mtr side slope 1.5:1
						0.70				RD 52.00 to 52.700 km.	9.70	1.5:1	4.0	NIL	NIL	NIL	Design Parameter TBL - 10.10mtr to 9.70 mtr, Top width 4.00 mtr side slope 1.5:1
						2.50				RD 52.700 to 55.200 km.	9.00	1.5:1	4.0	NIL	NIL	NIL	Design Parameter TBL - 19.70 m to 9.06, top width 4.00 mtr side slope 1.5:1.

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 packings ( 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	
3 - II	Kushabhadra left embankment from RD 55.200 km to RD 73.500 km.	18.30	0.00	0.00	0.00	2.30	Mahanadi Basin	Kushabhadr a	Puri	RD 55.200 to 57.500 km.	8.15 to 7.18 km.	1.5:1	3.5	Packing RD 57.500 to 57.600 km	100 m	NIL	Design Parameter TBL -9.06 to 8.60 mtr, top width 4.00 mtr side slope 1.5:1.
						10.00	Mahanadi Basin			RD 57.500 to 67.500 km.	7.18 to 6.17	1.5:1	2.50 to 3.00	Packing RD 58.300 to 58.600, 62.600 to 62.377km	477 m	1 No. low level spur at RD 62.650 km.	Design Parameter TBL - 8.60 to 6.60 mtr, top width 4.00 mtr side slope 1.5:1.
						6.00	Mahanadi Basin			RD 67.500 to 73.500 km.	5.96 to 4.47 km	1:1	2.70 to 3.00	-	-	-	Design Parameter TBL - 6.60 to 5.40mtr, top width 4.00 mtr side slope 1.5:1.

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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 packings ( 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
12	Tikina Saline embankment from RD 00 to 6.00 km.				6.00	0.75	Mahanadi Baain	Kushabhadr a	Puri	RD 00 to 0.750 km.	6.62	1:1	3.00	00 to 750 mtr near Liakhia 750 m	12 Nos. from RD 00 to 750 mtr.	D.TBL - 5.20 m, Top width - 5.00 mtr., side slope - 2:1. Renovation of spur required.
						0.15				RD 0.750 to 0.900 km.	2.51	1:1	1.8	NIL	NIL	Design Parameter TBL - 5.20 mtr. Top width 5.00 mtr side slope 2:1
						5.10				RD 0.900 to 6.00 km.	4.10 to 3.90 km.	1:1	3.00	Packing (from RD 1200 M to 2400 Mtr & RD 3000 to 3300 mtr)	1500 m	Spur = 2 Nos. at RD 1370 mtr and 1435 Mtr
13	Khalakatapatan a Saline embankment from RD 00 to 4.00 km.				4.00	1.10	Mahanadi Basin	Kushabhadra	Puri	RD 00 to 1.10 km	3.50	1:01	2.70	Packing- U/s of 600 m Khalakatapatna S/E behind the Garudeswar Temple	Spur = 2 nos. at RD 60 mtr & 150 mtr (Upstream of Khalakapatana S/E)	Design Parameter TBL - 5.20 mtr. width 5.00 mtr. Side slope 2:1.
						2.90				RD 1.10 to 4.00km	3.90 to 3.15 mtr	1:1	3.00	Packing (RD 300 to 340m) 40 m	NIL	NIL
14	Astaranga to Biluamundali S/E				2.50	2.50	Mahanadi Basin	Bhaunria	Puri	RD 00 to 2.50 km.	2.80	1:1	2.80	-	-	DTBL - 5.20 m D.Top width - 3.70m & Design slope- 2:1, Widening & raising and launching work is in progress under NABARD assistance.
						2.80		Bhaunria	Puri	RD 00 to 2.800 km.	3.60	1.5:1	3.00	Packing = ( RD 0.40 to 0.460Km, 1.80 km to RD 2.00 km.2.500 to 2.600 km.)	300 m	DTBL - 5.20 m D.Top width - 3.70m & Design slope- 2:1, Widening & raising required.
						4.40		Bhaunria & Devi	Puri	RD 2.800 to 7.200 km.	3.80	1.5:1	3.80	Packig = RD 2.80 to 4.900 km & 5.200 to 7.00 km.)	1000 m	Spur = 5 Nos. at RD 3.10, 3.20, 3.30 , 4.19 & 4.29 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 packings ( 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
15	Jharling-Belanga S/E				29.10	2.30	Mahanadi Basin	Kadua	Puri	RD 7.200 to 9.500 km.	3.60	1:1	3.00			-	DTBL - 5.20 m D.Top width - 3.70m & Design slope- 2:1
						8.00		Kadua	Puri	RD 9.500 to 17.500 km.	2.5 to 2.8	1:1	2.50	Packing (from RD 11.00 to 11.150 km.,RD 16.00 to 16.200 km.)	350 m	-	DTBL - 5.20 m D.Top width - 3.70m & Design slope- 2:1
						4.50		Kadua	Puri	RD 17.500 to 22.00 km.	2.70	1:1	3.00	Packing (from RD 18.00 to 18.200 km, RD 19.00 to 19.130 km & 20.00 to 20.200 km.)	530 m	-	DTBL - 5.20 m D.Top width - 3.70m & Design slope- 2:1.
						7.10		Kadua	Puri	RD 22.00 to 29.100 km.	5.20	2:1/1.5:1	3.70	Packing (from RD 22.00 Km to 27.00 Km)	5000 m	-	DTBL - 5.20 m D.Top width - 3.70m & Design slope- 2:1/1.5:1' (Work is in progress under ADB Assistance)
16	Sahan-Balabhadrapur S/E				11.58	11.58	Mahanadi Basin	Kadua	Puri	RD 00 to 11.580 km.	2.5	1:1	3.5	Packing (RD 0.20 to 0.30Km, 2.20 to 2.30, 6.50 to 6.60, 7.0 to 7.20 Km )	500 m	-	DTBL - 5.2m D.Top width - 3.7 m & Design slope- 2:1, Widening & raising required.
17	Tandahara-Singiripal S/E				4.80	1.98	Mahanadi Basin	Kadua	Puri	RD 00 to 1.98 km.	5.2	2:1	3.70	Packing (RD 00 to 1.98 km.)	1980 m	-	DTBL= 5.20, Top width = 3.70m
						2.82				RD 1.980 to 4.80 km.	0.5	1:1	1.00	-	-	DTBL - 5.20m D.Top width - 3.70m & Design slope- 1.5:1, Widening & raising required.	
18	Keutajanga S/E				3.60	3.60	Mahanadi Basin	Prahi & Kadua	Puri	RD 00 to 3.60 km.	5.2	2:1	3.70	Packing = (from RD 00 to 3.60 km. )	3600 m	-	DTBL= 5.20, Top width = 3.70m
19	Daluakani Saline gherry				1.50	1.50	Mahanadi Basin	Kadua	Puri	RD 00 to 1.50 lm.	2.5	1:1	2.00	Packing = (RD 0.100 to 0.250Km)	150 m	-	DTBL -5.20m D.Top width - 3.7m & Design slope-1:2, Widening & raising required.

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 packings ( 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	
20	Kuhudi-Poichandia S/E from RD 00 to 5.500 km.				5.50	5.50	Mahanadi Basin	Bhaunria	Puri	RD 00 to 5.50 m	2.5	1:1	2.50	-	-	DTBL - 5.20 m D.Top width - 3.70m & Design slope- 1.5:1, i) Widening & raising required ii) Launching & packing 100m near RD 1.85Km.	
21	Nagar Saline Embankment RD 00 to 9.600 km.				6.60	6.60	Mahanadi Basin	Devi / Bhaunria	Puri	RD 00 to 6.600 km	5.2	2:1	3.70	Packing = (RD 00 to 3.00 km. , RD 3.500 to 6.00 km., RD 6.00 to 6.660 km. ).	6100 m	Spur = 1 No. at RD 250.00 mtr.	DTBL= 5.20, Top width = 3.70m, Work in progress under NCRMP
					3.00	3.00				RD 6.600 to 9.600km	5.2	1.5:1	3.70	Packing = (from RD 6600 to 9600 mtr)	3000 m	-	DTBL -5.20m D.Top width - 3.60m & Design slope- 1.2:1. Work in progress under NCRMP
22	Serei to Bandala S/E				4.00	4.00	Mahanadi Basin	Prachi	Puri	RD 00 to 4.00km.	3.3	1.5:1	3.60	Packing = from RD 120 to 255 mtr.	135 m	-	DTBL - 5.20 m & D.Top width - 3.70m. (Work in progress under ADB Assistance)
23	Chhotipada to Badaraula S/E				3.66	3.66	Mahanadi Basin	Kadua	Puri	RD 00 to 3.66 km.	RD 00 to 2.00 km. = 5.20 mtr and 2.00 to 2.700 km = 4.5 mtr, 2.700 to 3.660 km. = 3.00 mtr	2:1	3.70	Packing = (RD 00 to 1.500 km.)	1500 m	-	DTBL= 5.20, Top width = 3.70m, Work in progress under NCRMP.

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 packings ( 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
24	Ukulei-Astaranga Saline Embkt.				2.70	1.80	Mahanadi Basin	Bhaunria	Puri	RD 00 to 1.80 km.	2.50	1.5:1	2.00	-	-	DTBL - 5.20 m D.Top width - 3.70m & Design slope- 2:1 Widening & raising required.
						0.90				RD 1.80 km to 2.70 km.	2.40	1.5:1	2.00	-	-	DTBL - 5.20 m D.Top width - 3.70m & Design slope- 2:1 Widening & raising required.
25	Tentulia Saline Embankment				2.50	2.50	Mahanadi Basin	Prachi	Puri	RD 00 to 2.50 km.	1.00	1.00	1.00	-	-	-do-
					<b>Sub-total=</b>	<b>91.04</b>	<b>91.04</b>	<b>Km</b>								
					<b>Total=</b>	<b>261.62</b>	<b>Km</b>									

*29/04/21*  
**CHAIRMAN**  
Astaranga Panchayat Samiti

*29/04/21*  
Deputy Executive Engineer  
Kakatapur Irrigation Sub-Division  
Kakatapur

*29/04/21*  
EXECUTIVE ENGINEER  
Nimapara Irrigation Division  
Nimapara, RA

*29/04/21*  
Collector, Puri

**DETAIL STATUS OF THE EXISTING RIVER / SALINE EMBANKMENTS (submitted as on 30.04.2021)**

**NAME OF THE DIVISION**

**NIMAPARA IRRIGATION DIVISION, NIMAPARA**

**(UNDER CUTTACK & JAGATSINGHPUR DISTRICT)**

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 packings (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	
1	Devi Right embankment from RD 68.00	17.00				5.00	Mahanadi Basin	Devi	Cuttack & J.S. Pur	RD 68.00 to 73.00 km.	8.00	1.5:1	4.60	Packing (Rd 71.64 to 71.76Km)	120 m	Spur= 2nos at RD 71.65 & 71.75 Km	Design TBL -8.00 , top width 5.00m.
				<b>Total=</b>		<b>5.00</b>	<b>Km</b>										

  
 Executive Engineer  
 Nimapara Irrigation Division  
 Nimapara