



**OFFICE OF THE EXECUTIVE ENGINEER**

**TEL IRRIGATION DIVISION, SONEPUR**

Phone No- 06654-220029; E-mail: eetelirrdivn@gmail.com

Letter No:

Dated:

To

**The Engineer-in-Chief, Water Resources  
Secha Sadan, Bhubaneswar  
Odisha**

Sub: Submission of Embankment Health status report duly countersigned by the Collector & District Magistrate – Regarding

Ref: Circular No. HH, GIS & CEM-FF & FRM/138//2021/8131 dt 04.04.2022 of O/o the Engineer-in-Chief, Water Resources, Odisha

Sir,

In inviting a kind reference to the letter on the subject cited above, it is to state that, as per the approved programme schedule, concerned technical staffs has inspected and verified the embankments from dt. 16.04.2022 to dt. 25.04.2022 and submitted the inspection report. Accordingly, the embankment health status report is prepared.

Hence, I am submitting herewith the, Embankment Health Status report pertaining to this Division, duly countersigned by the undersigned, Addl Chief Engineer, Balangir Irrigation Circle, Balangir and Collector & District Magistrate, Subarnapur.

This is for favour of your kind information and necessary action.

Encl: Embankment Health Status Report – 1 Copy

Yours Faithfully

Executive Engineer  
Tel Irrigation Divn, Sonapur

**Memo No**

**Date**

Copy with copy of enclose is submitted to the Chief Engineer, HH, GIS & CEM, Bhubaneswar favour of kind information and necessary action.

Executive Engineer  
Tel Irrigation Divn, Sonapur

**Memo No** 695/WT **Date** 28.04.2022

Copy with copy of enclose is submitted to the Chief Engineer & Basin Manager, Tel Basin, Bhawanipatna/ Additional Chief Engineer, Balangir Irrigation Circle, Balangir for favour of kind information and necessary action.

Executive Engineer  
Tel Irrigation Divn, Sonapur  
28/4/22

**OFFICE OF THE EXECUTIVE ENGINEER  
TEL IRRIGATION DIVISION, SONEPUR**

E-mail: [eetellrdrivn@gmail.com](mailto:eetellrdrivn@gmail.com)

**EMBANKMENT HEALTH STATUS FY 2021-22**

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 'm' with location	Spurs in Nos with location		
1	FPE on Suktel right at Kadaliipali to Kadalipali RD 00m to RD 2353 m	-	O.A.E	-	-	2.353	Mahanadi	Suktel	Sonepur	-	-	1.5:1	3.6	-	NIL	The embankments are in good condition continuous, gap closing is required.	
2	FPE on Suktel right at Kadaliipali to Pua RD 00m to RD426m & 1410m to 1530m	-	O.A.E	-	-	0.546	Mahanadi	Suktel	Sonepur	-	-	1.5:1	3.6	-	NIL	-Do-	
3	FPE on Suktel right at Pua RD00m to RD 1350m	-	O.A.E	-	-	1.35	Mahanadi	Suktel	Sonepur	-	-	1.5:1	3.6	-	NIL	-Do-	
4	FPE on Suktel right at Ghatakaintara RD 00m U/S to RD 1650m U/S	-	O.A.E	-	-	1.065	Mahanadi	Suktel	Sonepur	-	-	1.5:1	3.6	-	NIL	-Do-	
5	FPE on Suktel right at Rambhasindol RD 00m to RD 516m	-	O.A.E	-	-	0.516	Mahanadi	Suktel	Sonepur	-	-	1.5:1	3.6	-	NIL	-Do-	
6	FPE on Suktel left at Malisiriguda RD 00m to RD 940m	-	O.A.E	-	-	0.940	Mahanadi	Suktel	Sonepur	-	-	1.5:1	3.6	-	NIL	-Do-	
7	FPE on Suktel left at Mahulkhunta RD 00M to RD 373m & RD 00m to RD 597m U/S	-	O.A.E	-	-	0.970	Mahanadi	Suktel	Sonepur	-	-	1.5:1	3.6	-	NIL	-Do-	
8	FPE on Ong left at Digsira RD 00m to RD 1420m	-	O.A.E	-	-	1.420	Mahanadi	Ong	Sonepur	-	-	1.5:1	3.6	-	NIL	The embankments are in good condition discontinuous, gap closing is required.	

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9	FPE on Tel left at Gaterkela to Haldipali RD 00m to RD 630m, 955m to 1463m, 1550m to 3373m, 3430m to 3730m & 3885m to 4165m.	-	O.A.E	-	-	3.541	Mahanadi	Tel	Sonepur	-	-	1.5:1	3.6	-	NIL	The embankments are in good condition discontinuous, gap closing is required.
10	FPE on Tel left at Haldipali	-	O.A.E	-	-	1.59	Mahanadi	Tel	Sonepur	-	-	1.5:1	3.6	-	NIL	-Do-
11	FPE on Tel left at Dahaja	-	O.A.E	-	-	0.595	Mahanadi	Tel	Sonepur	-	-	1.5:1	3.6	-	NIL	-Do-
12	FPE on Tel left at Lakarna	-	O.A.E	-	-	0.962	Mahanadi	Tel	Sonepur	-	-	1.5:1	3.6	-	NIL	-Do-
13	FPE on Tel left at Kharajura	-	O.A.E	-	-	1.100	Mahanadi	Tel	Sonepur	-	-	1.5:1	3.6	-	NIL	-Do-
14	FPE on Tel left at Baidyanath Meher Pada	-	O.A.E	-	-	0.450	Mahanadi	Tel	Sonepur	-	-	1.5:1	3.6	-	NIL	-Do-
15	FPE on Tel left at Baidyanath Harjan Pada to Samtikan	-	O.A.E	-	-	2.106	Mahanadi	Tel	Sonepur	-	-	1.5:1	3.6	-	NIL	-Do-
16	FPE on Tel left at Brahmani	-	O.A.E	-	-	0.150	Mahanadi	Tel	Sonepur	-	-	1.5:1	3.6	-	NIL	-Do-
17	FPE on Tel left at Sonepur Town (Ringroad) 15m U/S to 1015m U/S & 00m to 1700m	-	O.A.E	-	-	2.700	Mahanadi	Tel	Sonepur	-	-	1.5:1	3.6	-	NIL	-Do-
18	FPE on Nibrutijore right at Tarbha bridge to Jhartartha RD 00m to RD 188m	-	O.A.E	-	-	0.188	Mahanadi	Nibrutijore	Sonepur	-	-	1.5:1	3.6	-	NIL	-Do-
19	FPE on Nibrutijore right at Tarbha to Antarada RD 00m to 775m U/S	-	O.A.E	-	-	0.775	Mahanadi	Nibrutijore	Sonepur	-	-	1.5:1	3.6	-	NIL	-Do-
20	FPE on Nibrutijore right at Tarbha Ringroad RD 00m to RD 652m	-	O.A.E	-	-	0.675	Mahanadi	Nibrutijore	Sonepur	-	-	1.5:1	3.6	-	NIL	-Do-
21	FPE on Mahanadi right at Binka U/S 60m to 835 m, 2537 m to 3847 m	-	O.A.E	-	-	2.085	Mahanadi	Mahanadi	Sonepur	-	-	1.5:1	3.6	-	NIL	-Do-
22	FPE on Mahanadi right at Rohila RD 00m to RD 450 m	-	O.A.E	-	-	0.450	Mahanadi	Mahanadi	Sonepur	-	-	1.5:1	3.6	-	NIL	-Do-

23	FPE on Mahanadi right at Sonepur (Ringroad) RD 1700M TO 2855M, RD 3455M TO 5415M	-	O.A.E	-	-	2.315	Mahanadi	Mahanadi	Sonepur	-	-	1.5:1	3.6	-	NIL	The embankments are in good condition, good crossing is provided.
24	FPE on Mahanadi left at Nuagarh RD 00m to 720m, 1175m to 1445m	-	O.A.E	-	-	0.978	Mahanadi	Mahanadi	Sonepur	-	-	1.5:1	3.6	-	NIL	-Do-
25	FPE on Mahanadi left at Kurnarsingha RD 00m to RD 473m	-	O.A.E	-	-	0.473	Mahanadi	Mahanadi	Sonepur	-	-	1.5:1	3.6	-	NIL	-Do-
26	FPE on suktel right from Rambhasindol to Dilkhampur from RD 00M TO RD 325M	-	O.A.E	-	-	0.351	Mahanadi	Suktel	Sonepur	-	-	1.5:1	3.6	-	NIL	-Do-
27	FPE ON river Mahanadi left at Deuli from RD 00m to RD 285M.	-	O.A.E	-	-	0.285	Mahanadi	Mahanadi	Sonepur	-	-	1.5:1	3.6	-	NIL	-Do-
28	Flood Protection Embankment on left at Dharamsala to Hospital (Kapleswar Hospital) including restoration to existing embankment	-	O.A.E	-	-	0.460	Mahanadi	Mahanadi	Sonepur	-	-	1.5:2	4.6	-	NIL	-Do-
29	FPE on Suktel right at Rambhasindol including restoration existing embankment	-	O.A.E	-	-	0.800	Mahanadi	Suktel	Sonepur	-	-	1.5:1	3.6	-	NIL	-Do-
30	Flood Protection Embankment on Suktel river right at Pua	-	O.A.E	-	-	0.350	Mahanadi	Suktel	Sonepur	-	-	1.5:1	3.6	-	NIL	-Do-
31	Flood Protection Embankment on Tel river left at Maradugucha	-	O.A.E	-	-	0.310	Mahanadi	Tel	Sonepur	-	-	1.5:1	3.6	-	NIL	-Do-
32	FPE on left at Deuli (Nuagarh) including restoration existing embankment	-	O.A.E	-	-	0.285	Mahanadi	Mahanadi	Sonepur	-	-	1.5:1	3.6	-	NIL	-Do-

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33	FPE on Mahulkhunta restoration embankment	Suktel including existing	left at	-	O.A.E	-	-	0.400	Mahanadi	Suktel	Sonepur	-	-	1.5:1	3.6	-	NIL	The embankments are good in condition and discontinuous, gap closing is required.
34	Flood Protection on Ong river right at Tentuligarh (Lachhipur) Mandir	Embankment	at	-	O.A.E	-	-	0.395	Mahanadi	Ong	Sonepur	-	-	1.5:1	3.6	-	NIL	-Do-
35	Flood Protection near village Gatarkele River Tel from 350m to RD 00 m	Embankment	left of	-	O.A.E	-	-	0.350	Mahanadi	Tel	Sonepur	-	-	1.5:1	3.6	-	NIL	Newly constructed embankment
36	Flood Protection near village (Khajuriapali) left of River from RD 00 m to 200m.	Embankment	at	-	O.A.E	-	-	0.200	Mahanadi	Mahanadi	Sonepur	-	-	1.5:1	3.6	-	NIL	Newly constructed embankment
37	Flood Protection on Tel river left at Haldipalli	Embankment	to	-	O.A.E	-	-	0.330	Mahanadi	Tel	Sonepur	-	-	1.5:1	3.6	-	NIL	Newly constructed embankment
38	Flood Protection of River village (Birmaharajpur)	Embankment	left near	-	O.A.E	-	-	0.140	Mahanadi	Mahanadi	Sonepur	-	-	1.5:1	3.6	-	NIL	Newly constructed embankment
39	Flood Protection near village (Khajuriapali) Mahanadi from 200m to RD 00m	Embankment	at	-	O.A.E	-	-	0.187	Mahanadi	Mahanadi	Sonepur	-	-	1.5:1	3.6	-	NIL	Newly constructed embankment
40	Flood Protection near village (Khajuriapali) Mahanadi from 387 m.	Embankment	at	-	O.A.E	-	-	0.187	Mahanadi	Mahanadi	Sonepur	-	-	1.5:1	3.6	-	NIL	Newly constructed embankment

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41	Flood Protection Emabankment with box cell culvert near Godhaneswar Temple left of Mahanadi River from RD 00m to RD 200m.	-	O.A.E	-	-	0.200	Mahanadi	Mahanadi	Sonepur	-	-	1.5:1	3.6	-	NIL	Newly constructed embankment
42	Flood Protection Emabankment near village Nirma left of Mahanadi River from RD 00m to RD 400m.	-	O.A.E	-	-	0.400	Mahanadi	Mahanadi	Sonepur	-	-	1.5:1	3.6	-	NIL	Newly constructed embankment
43	Flood Protection Emabankment near village Bliapadara right of River Suktel from RD 000 m to RD 500 m.	-	O.A.E	-	-	0.500	Mahanadi	Suktel	Sonepur	-	-	1.5:1	3.6	-	NIL	Newly constructed embankment
44	Flood Protection Emabankment near village Matikude Left of River Suktel from RD 000 m to RD 380 m.	-	O.A.E	-	-	0.380	Mahanadi	Suktel	Sonepur	-	-	1.5:1	3.6	-	NIL	Newly constructed embankment
45	Flood Protection Emabankment near village Kutsira Left of River Suktel from RD 000 m to RD 500 m.	-	O.A.E	-	-	0.500	Mahanadi	Suktel	Sonepur	-	-	1.5:1	3.6	-	NIL	Newly constructed embankment
46	Flood Protection Emabankment near village Sukha Left of River Ong from RD 000 m to RD 430 m.	-	O.A.E	-	-	0.430	Mahanadi	Ong	Sonepur	-	-	1.5:1	3.6	-	NIL	Newly constructed embankment
47	Flood Protection Emabankment near village Keuntipali Left of River Mahanadi from RD 000 m to RD 400 m.	-	O.A.E	-	-	0.400	Mahanadi	Mahanadi	Sonepur	-	-	1.5:1	3.6	-	NIL	Newly constructed embankment
48	Flood Protection Emabankment near village Kapasira Left of River Ong from RD 000 m to RD 300 m.	-	O.A.E	-	-	0.300	Mahanadi	Ong	Sonepur	-	-	1.5:1	3.6	-	NIL	Newly constructed embankment
49	Flood Protection Embankment on Mahanadi river left at Deuli	-	O.A.E	-	-	0.300	Mahanadi	Mahanadi	Sonepur	-	-	1.5:1	3.6	-	NIL	Newly constructed embankment
50	FPE on Tel river left at Maraduguchha	-	O.A.E	-	-	0.310	Mahanadi	Tel	Sonepur	-	-	1.5:1	3.6	-	NIL	Newly constructed embankment

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51	FPE with Boxcell culvert at Digsira on Ong embankment.	-	O.A.E	-	-	0.200	Mahanadi	Ong	Sonepur	-	-	1.5:1	3.6	-	NIL	Newly constructed embankment
52	FPE on Tel river left at Dahaja	-	O.A.E	-	-	0.560	Mahanadi	Tel	Sonepur	-	-	1.5:1	3.6	-	NIL	Newly constructed embankment
53	FPE on the suktel left at Deulpadar.	-	O.A.E	-	-	0.140	Mahanadi	Suktel	Sonepur	-	-	1.5:1	3.6	-	NIL	Newly constructed embankment
54	FPE near village Brahmani Left of River Tel from RD 180 m to RD 360 m.	-	O.A.E	-	-	0.180	Mahanadi	Tel	Sonepur	-	-	1.5:1	3.6	-	NIL	Newly constructed embankment
55	FPE near village Khambeswaripali Left of River Mahanadi from RD 00 m to RD 160 m.	-	O.A.E	-	-	0.160	Mahanadi	Mahanadi	Sonepur	-	-	1.5:1	3.6	-	NIL	Newly constructed embankment
56	FPE near village Dhaurakhaman Left of River Mahanadi from RD 00 m to RD 300 m.	-	O.A.E	-	-	0.300	Mahanadi	Mahanadi	Sonepur	-	-	1.5:1	3.6	-	NIL	Newly constructed embankment
57	FPE near village Nimna left of Mahanadi River from RD 400 m to RD 700m.	-	O.A.E	-	-	0.300	Mahanadi	Mahanadi	Sonepur	-	-	1.5:1	3.6	-	NIL	Newly constructed embankment
58	FPE near village Bhurad Left of River Tel from RD 180 m to RD 360 m.	-	O.A.E	-	-	0.180	Mahanadi	Tel	Sonepur	-	-	1.5:1	3.6	-	NIL	Newly constructed embankment
59	FPE near village Rambhasindhol right of River Suktel from PHD Water tank RD 000 m to RD 500 m.	-	O.A.E	-	-	0.500	Mahanadi	Suktel	Sonepur	-	-	1.5:1	3.6	-	NIL	Newly constructed embankment
60	FPE near village Maisrigudi Left of River Suktel from RD 000 m to RD 350 m.	-	O.A.E	-	-	0.350	Mahanadi	Suktel	Sonepur	-	-	1.5:1	3.6	-	NIL	Newly constructed embankment
61	FPEt near village Harjampada at Rohila Right of River Mahanadi from RD 000 m to RD 350 m.	-	O.A.E	-	-	0.350	Mahanadi	Mahanadi	Sonepur	-	-	1.5:1	3.6	-	NIL	Newly constructed embankment

62	FPE near village Mahada left of River Mahanadi from RD 000 m to RD 400 m.	-	O.A.E	-	-	0.400	Mahanadi	Mahanadi	Sonepur	-	-	1.5:1	3.6	-	NIL	Newly constructed embankment
63	FPE on right side of River Suktel at Rambhasindol from RD 555M to RD 1005M.	-	O.A.E	-	-	0.450	Mahanadi	Suktel	Sonepur	-	-	1.5:1	3.6	-	NIL	Newly constructed embankment
64	FPE on left of River Mahanadi near village Hikudi from RD 00m to RD 110m	-	O.A.E	-	-	0.110	Mahanadi	Mahanadi	Sonepur	-	-	1.5:1	3.6	-	NIL	Newly constructed embankment
65	FPE on left of River Ong near village Sakna from RD 00m to RD 340m	-	O.A.E	-	-	0.340	Mahanadi	Ong	Sonepur	-	-	1.5:1	3.6	-	NIL	Newly constructed embankment
66	FPE -Cum-Ring Road from Rd 597m To 1715m at Tarbha	-	O.A.E	-	-	1.118	Mahanadi	Nbrutijore	Sonepur	-	-	1.5:1	3.6	-	NIL	Newly constructed embankment
67	FPE with slope protection on river Ong right near village Lachhipur.	-	O.A.E	-	-	0.395	Mahanadi	Ong	Sonepur	-	-	1.5:1	3.6	-	NIL	Newly constructed embankment
68	FPE on left of river Ong near village Sakna from RD 360 m to RD 700 m.	-	O.A.E	-	-	0.340	Mahanadi	Ong	Sonepur	-	-	1.5:1	3.6	-	NIL	Newly constructed embankment
69	FPE on left of river Ong near village Kendupali to Sukhasnasan Ghat from RD 00 m to RD 400 m	-	O.A.E	-	-	0.400	Mahanadi	Ong	Sonepur	-	-	1.5:1	3.6	-	NIL	Newly constructed embankment
70	FPE on left of river Mahanadi near village Telenda from RD 00 m to RD 150 m.	-	O.A.E	-	-	0.150	Mahanadi	Mahanadi	Sonepur	-	-	1.5:1	3.6	-	NIL	Newly constructed embankment
71	FPE on left of river Mahanadi near Godhneswar Temple (Birmaharajpur)	-	O.A.E	-	-	0.075	Mahanadi	Mahanadi	Sonepur	-	-	1.5:1	3.6	-	NIL	Newly constructed embankment
72	Construction of FPE on right of river Harharjore near village Hiling from RD 00 m to RD 165 m	-	O.A.E	-	-	0.165	Mahanadi	Harharjore	Sonepur	-	-	1.5:1	3.6	-	NIL	Newly constructed embankment



73	FPE on left of River Ong near village Bhikabahal!	O.A.E	0.400	Mahanadi	Ong	Sonepur	-	1.5:1	3.6	-	NIL	Newly constructed embankment
74	FPE on left side of River Suktel at Matikude from RD 00M to RD 1155M	O.A.E	1.155	Mahanadi	Suktel	Sonepur	-	1.5:1	3.6	-	NIL	Newly constructed embankment
75	FPE on left of River Ong near village Bhikabahal! from RD 00m to RD 400m	O.A.E	0.400	Mahanadi	Ong	Sonepur	-	1.5:1	3.6	-	NIL	Newly constructed embankment
76	FPE on left of River Tel near village Baidyanath to Lakarna from RD 435M to RD 645M.	O.A.E	0.210	Mahanadi	Tel	Sonepur	-	1.5:1	3.6	-	NIL	Newly constructed embankment
77	FPE on right of River Mahanadi near village Garlapali from RD 00m to RD 450m	O.A.E	0.450	Mahanadi	Mahanadi	Sonepur	-	1.5:1	3.6	-	NIL	Newly constructed embankment
<b>TOTAL</b>			<b>48.821</b>									

*[Signature]*  
 25-4-22  
 Sub-Divisional Officer  
 Tel Flood Sub-Divn-I  
 Sonepur

*[Signature]*  
 25/4/22  
 Sub-Divisional Officer  
 Tel Flood Sub-Divn-II  
 Sonepur

*[Signature]*  
 Executive Engineer  
 Tel Irrigation Division  
 Sonepur

Counter Signature

*[Signature]*  
 25.4.2022  
 Additional Chief Engineer  
 Balangir Irrigation Circle, Balangir

*[Signature]*  
 Collector & District Magistrate  
 Subarnapur District