

*Proceedings of the Madras Government, Public Works Department,
11th October 1875.*

Read the following:—

No. 1,156.

No. 161.

Note by the Chief Engineer for Irrigation.

THE return of tanks in the Sidhout Range of the Cuddapah District affecting the line of Railway appears to have been carefully prepared after a detailed examination, and satisfactory arrangements are proposed for remedying the defects of all the tanks but one. This one is the Shrotriem tank of Jillalamalaka, the surplus of which crosses the Railway between the 5th and 6th chains of the 117th mile; the tank has no surplus weir; it breached in 1872, and has been so temporarily repaired that it is likely to breach again.

2. There appears to be some mistake or something wanting in the particulars given for the Muntapumpully Chellamareddy Tank, as it is said to have no surplus weir and to need none, while no other means of disposing of surplus are mentioned.

V. OOTACAMUND,
4th October 1875.

(Signed) JOHN MULLINS, Lieut.-Colonel, R.E.,
Chief Engineer for Irrigation.

*Proceedings of the Madras Government, Public Works Department,
11th October 1875.*

(Shrotriem.)

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Work will be complete by the time the rains begin in 1876.

Proceedings of the Madras Government, Public Works Department,
11th October 1875.

129	a 1 & 2	Wothalore Tank	...	191	b 4,718	21	308	...	c 261	47	6	...	...	...
129	a 1 & 2	Anuthasamundram Boochirajoo Tank.	10 1/2	b 3,233	2 1/2	243	...	...	c 100	d 143	5	...	...	...
130	a 6 & 7 131 3 & 4	Munn oor Kilchammah Tank.	9	b 2,434	2	256	...	...	c 109	147	4 1/2	...	...	...
132	a 14 & 15 133 16 & 7	Hustavaram Tank	3 1/2	1,996	2	136	...	...	c 125	11	4	...	...	...
136	a 11 & 12	Pantoor Tank	1 1/2	b 559	2 1/2	88	...	...	88	...	4 1/2	...	...	...
a 7 & 8	137	Nagreddipully Tank (lately Dasabundam.)	1 1/2	b 737	2	c 79	...	...	...	79	d 4 1/2	...	...	...

Cuddapah District.—

Return of Tanks affecting the Line of Railway for the Half-year ended 30th June 1875, &c.—(Concluded.)

Proceedings of the Madras Government, Public Works Department,
11th October 1875.

POINT AT WHICH SURPLUS CROSSES LINE.	Names of Tanks.	Area of Cultivation Being Squared Miles.	Estimated Maximum Flood Discharge, cubic Feet per Second.	Intended Maximum Depth of Water on Crest of Surplus Weir.	Length of Surplus Weir required.	LENGTH OF EXISTING CANALS, LAHS AND SURPLUS WEIRS.		HEIGHT OF TOP OF DAM ABOVE WEIR CREST.	APPROXIMATE OR ACTUAL.		Special Remarks.	General Remarks.
						Total.	Effective.		Area of Tank.	Capacity of Tank when full.		
120 & 121	Mansamperai, Chel. Muraroddy Tank.	7	23,270	5.25	105	105	None.	5	—	0. 120.	Tank land and reservoir are in good order; also the weir which was repaired in 1875-76.	a Surplus flows into the Mansamperai Tank. b C = 675. c Could discharge up to 5 feet with safety.
121 & 122	Mansamperai, Chel. Muraroddy Tank.	8	24,100	5	80	80	41	41	—	—	Tank land and reservoir are in very fair order; nothing requires to be done to either; the weir will be extended up to 50 feet at an early date.	a Surplus flows into the Mansamperai Tank. b C = 675. c In addition to this 41 feet, there is what may be called a by-wash in continuation of the weir; it measures about 45 feet.
122 & 123	Kondamattur, Chel. Muraroddy Tank.	7 1/2	24,155	5.415	115	115	57	57	—	—	Good, except at the ends, is high and strong. Beyond the ends the land will be raised and straightened; the reservoir will be extended 10 feet for surface drainage; the reservoir will be extended 10 feet for surface drainage; the reservoir will be extended 10 feet for surface drainage.	a Surplus flows into the Kondamattur Tank. b C = 675. c In addition to this 57 feet, there is what may be called a by-wash in continuation of the weir; it measures about 45 feet.

(Signed) J. SCHIGURY,
Range Officer.

22nd September 1875.

(Signed) A. S. MURPHY, Colonel, R.E.,
District Engineer of Cuddapah.

10th September 1875.

Proceedings of the Madras Government, Public Works Department,
11th October 1875.

No. 162. ORDER THEREON, 11th October 1875, No. 2,905.

IRRIGATION, o. 17.

THE foregoing return shows that most of the tanks in the Sidhout Range affecting the line of Railway need additional escapes, and the Government are glad to find that a careful examination of them has been made, and that arrangements are being made for providing for their requirements immediately.

2. The circumstances of the Jillalamadaka Shrotriem Tank will be brought to the notice of the Collector of Cuddapah, who will do what may be necessary to ensure this tank being made safe with as little delay as possible.

(True Extract.)

Major-General, R.E.,
Secretary to Government.

To the District Engineer, Cuddapah.
" Chief Engineer for Irrigation.
" Consulting Engineer for Railways.
" Collector of Cuddapah.
" Revenue Department.

Exd. E. C. Shunker.

Spare Copies

No. 1156.

Note by the Chief Engineer for Irrigation.

Enclosure 2.

The return of tanks in the Sidhat Range of the Cuddapah District affecting the line of Railway appears to have been carefully prepared after a detailed examination, and satisfactory arrangements are proposed for remedying the defects of all the tanks but one.

This one is the Shrotrium tank of Jilala-madaka, the surplus of which crosses the Railway between the 5 and 6 chains of the 117th mile: the tank has no surplus weir, it breached in 1872, and has been temporarily repaired, but it is likely to breach again.

2. There appears to be some mistake or something wanting in the partition-line given for the Muntapampally Chellamreddy tank, as it is said to have -

none, while no other means of disposing
of surplus are mentioned.

Colonel William Leadall R.E.,
Chief Engineer for Irrigation

Colacumund
1st October 1875

N^o 161-

To, The Secretary to Government
B.H.S.

No 2905

B.H.S.

13th Oct 75

Pro: of the head & Government
under the 11th Oct 75
Read the following:-

Oct 75

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3. The circumstances
of the Jallamabad
Provisions tank will

none, while no other means of disposing
of surplus.

P. W. 1875 Sept.
No. 6510

From

The Chief Engr.
for Irrigation.

Dated 4th Oct. 1875.
Recd. 13th — 1875.

E. 2 No. 1156

Notes on the Return
of Tanks affecting
the Ry. lines in Cud-
desh, for half year
ending 30 June 1875.

G.O. No 2905-11-10/75

No. 161.

To,
The Secretary to Government
B.H.L.

No 2905

B.H.L.

13th Oct 75

Pro: of the head of Government
Dated 11th Oct 75
Read the following:-

From,

The Ch. Engr. for Irrigation (H. E. No 1156 of 4th Oct 75)

The foregoing return
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tanks in the Sedhout
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who will do what may
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this tank being made
safe with as little delay
as possible.

by 3/10
11/10

161-162

Dist. Cuddapah - 5-
Chargr for Inga - 5-
Chargr for Hyp - 12
Collr of Cuddapah 5-
Rev. Dept. 18-

x with 2 Encls =

Office 17

be brought to the
 of the collector of
 who will do what
 be necessary to ensure
 this tank being made
 safe with as little
 as possible.

by 5/10
 11/10

Copy 510

of 1875 Madras.
 PUBLIC WORKS.

To
 G. E. Cuddapah.

11/10

Dated

Issued

Recd.

Encl.

G. O. 11/10/75 No. 2905-

No. 161-162

Return of Limits affecting
 the Railway line in the
 Sidhant Range, Cuddapah.
 At for the half year ending
 30 June 1875 - Passing Orders
 on note by the Ch. Eng. for work
 on the

Ch. Eng. for Inspr 5
 Ch. Eng. for Wks 12
 Collr of Cuddapah
 Rev. Dept 1

Office 17

No 161-162

X with 2 Encls