

(1) Number of pages _____
(2) Date of repair _____
(3) Initials of the Referencer _____

MADRAS RECORD OFFICE

Government of Madras

Public Works DEPARTMENT

G.O. No.	445 (2)	Press
B.P. No.		Mis.
Dated	17.2.	1876.

Not to be folded or roughly handled

17

*Proceedings of the Madras Government, Public Works Department,
17th February 1876.*

No. 328.

Read the following :—

No. 175.

MEMORANDUM.

WITH his letter not numbered and dated the 22nd January 1876, the District Engineer forwards the usual half-yearly statement of tanks in the district affecting the South Indian Railway.

2. The following is a list of the tanks now enumerated with their catchment areas and the points at which the surplus crosses the Railway :—

	Catchment Area.	Railway Crossings.
		M. CHS.
Chinna Shengolum tank	0.5	1 32
Kallen colum do.	0.67	3 78
Cottamungalem yari	1.4	...
Aravady tank	0.42	6 70
Punganur do.	1.33	9 8
Kathicaren; utty tank... ..	0.33	17 16
Samuthram do.	1.5	...
Mukandy Sengan colum	0.07	20 16
Pilliar do.	0.02	20 21
Culli colum	0.34	21 37
Papan colum	0.15	23 1
Sokken colum	0.08	23 61
Ramasawmy Reddy colum	0.04	...
Sinna Naiken colum	0.02	35 32
Kistnama Naiken colum	2.0	...
Valatheyar colum	0.12	{ 75 6 75 19
Mangannur tank	1.0	...
Valavadun cottay	10.0	...
Lernandur colum	0.50	...

3. Only three tanks are stated to require additional means of escape for flood water. The catchment areas of their basin as given in the return are generally small, and they appear to be, with one exception, unimportant. So much of the value of the returns depends on an accurate estimation of the size and peculiarities of the gathering ground and the capacity of the tank that it is very desirable to establish a sound and uniform system of ascertaining these particulars, and the method adopted should be noticed in future returns.

4. The works are stated in most cases to be in want of repairs and improvements, but it is not definitely stated whether any progress has been made in the preparation of estimates. This should be done in future returns.

5. There is no sketch map to accompany the statement, and without such an aid it is difficult to obtain a definite idea of the connection of the tanks with each other. It is probable that there are minor streams crossing the railway which are rapidly and powerfully affected by the tanks surplusing into them. These streams and the tanks affecting them should gradually be inspected and included in the return.

FORT ST. GEORGE, (Signed) A. DEC. SCOTT, Major, R.E.,
11th February 1876. for Chief Engineer for Irrigation.
To the Secretary to Government, Public Works Department.

Proceedings of the Madras Government, Public Works Department,
17th February 1876.

No. 329.

ORDER THEREON, 17th February 1876, No. 445.

IRRIGATION, No. 34-A.

ORDERED to be recorded.

2. The observations of the Chief Engineer for Irrigation should be noted and attended to in future returns.

(True Extract.)

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

To the District Engineer, Trichinopoly.
" Consulting Engineer for Railways.
" Chief Engineer for Irrigation.

Encls. 1.

With his letter not numbered, and dated the 22nd January 1876, the District Engineer forwards the usual half yearly statement of tanks in the District affecting the South Indian Railway.

2. The following is a list of the tanks now enumerated with their catchment areas and the points at which the surplus crosses the Railway.

	Catchment Area	Railway Crossings
Chinnasengolam tank	0.5	m 1 ch 32
Kallur column	do	0.67 " 3 " 78
Cattamungalam Yeri	1.4	" 2
Aravady tank	0.42	" 6 " 70
Punganur do	1.33	" 9 " 28
Katticaramputty do	0.33	" 17 " 16
Sannutharam do	1.5	" — " —
Mukandy Singan column	0.07	" 20 " 16
Lillian Singan column	0.02	" 20 " 21
Cullu column	0.34	" 21 " 34
Papam column	0.15	" 23 " 1
Sakkam column	0.08	" 23 " 61
Ramasawmy Reddy column	0.04	" — " —
Sima Vaikun column	0.02	" 35 " 32
Kutnamma Vaikun column	2.0	" — " —
Valatheyyar column	0.12	" 75 " 6

{ 75 " 19

	Catchment area	Railway crossings
Manganur Tank	1.0	—
Valuvandan Cottay	10.0	—
Limnadar Culum	0.50	—

3. Only three tanks are stated to require additional means of escape for flood water. The catchment areas of their basins as given in the return are generally small and they appear to be, with one exception, unimportant. So much of the value of the returns depends on an accurate estimation of the size and peculiarities of the gathering ground and the capacity of the tank that it is very desirable to establish a sound and uniform system of ascertaining these particulars and the method adopted should be noticed in future returns.

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Sahant George
11th February 1896
For Chief Engineer
Major R.E.
The Secretary to Government
M.D.

	Catchment area	Railway crossings
Manganur Tank	1.0	—
Valuvandan Cottay	10.0	—
Linnadur Culum	0.50	—

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11th February 1896
For Chief Engineer
Major R.E.
The Secretary to Government
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Sahant George
11th February 1896
For Chief Engineer, Bangalore.
Major R.E.
The Secretary to Government
M.D.

GO 13-200/24 No 3210
Incl: Engr's memo: d: 10409 14/12/74
GO 27: July 1/75 d: 2172-

S.W. 1896 Seph.
No: 1131

From

The Chief Engr.
for Irrigation

E.I.
d: 11 Feb. 1896 No: 175
12/14 - 3

Submitting the
Return of Tanks af-
fecting the Ry. lines
in the Trichinopoly
Dist.

N 328

GO No 445. 17.2.76

Proceedings of the Madras Eng.
S.M.

Under date the 17th Feb.
No 445

Read the following:-

From

The Chief Engineer
for Irrigation

(A.E. No 175 of 11 Feb 1896)

Ordered to be
recorded.

The observations of
the Chief Engineer for
Irrigation should be noted
and attended to in future
returns.

And.

Amr

D.E. Engr's
C.E. Engr's
S.M.

for I. with one statement -

Ordn - 2-3-76

1138

6 pages
2 chf

Gobt. of 1876: Madras.
PUBLIC WORKS.

To
O. E. Trichinopoly

1876

Dated

Issued

Recd

Encl.

G. O. 17 July 1876, No. 445

No. 328-329

Tanks affecting the Rail
way lines in the Trichin
polly Dist

The return of — sub-
mitted by the Ch. Insp.
for inspection, recorded
with remarks —