

(1) Number of pages 6
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(3) Initials of the Referencer _____

TAMIL NADU ARCHIVES

GOVERNMENT OF TAMIL NADU

REVENUE DEPARTMENT

G.O. No.	1428	Press.
B.P. No.		Mis.
Dated	14-3-1877	197 .

Not to be folded or roughly handled

1478
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*Proceedings of the Madras Government, Public Works Department,
8th February 1877. No. 455.*

No. 268. Read the following Proceedings of the Madras Government in the Financial Department, dated 5th February 1877, No. 414:—

ABSTRACT.—*Municipal—Water Supply.*—Referring, for consideration, letter from Sanitary Commissioner, submitting observations on the water-supply of the town of Madras.

No. 269. ORDER THEREON, 8th February 1877, No. 455.

IRRIGATION, No. 29.

COMMUNICATED to the Superintending Engineer, Chingleput, who will furnish information at once as follows:—

1st.—What has been the discharge from the sluices for irrigation purposes since the Red Hills Tank water surface stood at 31.31, and what was the date on which it stood at that level.

2nd.—What is the water level on the latest date (to be stated) for which information is available?

3rd.—What has been the diminution in the contents of the tank between the above two dates?

4th.—What were the contents of the tank on the later date?

2. Colonel F. Moberly will understand that this information is urgently required.

(True Extract.)

(Signed) JOHN MULLINS, Lieut. Colonel, R.E.,
Secretary to Government.

To the Superintending Engineer, Chingleput.
" Chief Engineer for Irrigation.
" Financial Department.

Ed. S. T. Austin.

Spare Copies

GOVT. OF 1877

PUBLIC WORKS.

THE SUPERINTENDING ENGINEER,
CHINGLPUT.

Dated February 1877.

G.O. No. 1877, 1877.

FEBRUARY.

No. 268-269.

Water supply of the Town of Madras.
Proceedings, Engineering Department, referring
for consideration letter from Sanitary Com-
missioner regarding the proposed extension of the
supply of water to the Sanitary Commission
area, Chinglput, Madras.

Proceedings of the Madras Government, Public Works Department,
3rd March 1877. No. 728.

No. 63. Read the following letter from Colonel F. J. MOBERLY, R.E.,
Superintending Engineer, Chinglput, to the Secretary to Government,
Public Works Department, dated Camp at Karanguly, 19th February
1877, No. 4,019:—

In reply to G.O., No. 455, of 8th instant, I have the honor to report that the
Red Hills tank water stood at 31.31 on
the 13th December 1876. The discharge
from the irrigation sluices between that day and the 8th instant, the date of the last
return, was 787 million of cubic yards. On the 8th February it stood at 29.64.

2. In the interval 5.081 millions of cubic yards have gone from the tank, which
on the 8th February contained 15.396 millions.

3. The above is a summary of a memorandum by Captain A. C. Smith, of which
also I enclose a copy.

Statement showing the Discharges, &c., of Water in Red Hills Lake for G.O., No. 455,
5th February 1877.

Water level, 13th December 1876	...	...	...	31.31
			Cubic feet.	Acraage.
Issues from 13th to 22nd Dec.	...	...	5.292 mls.	1,142
23rd to 31st "	...	...	4.42	1,743
1st to 8th Jan.	...	...	1.937	1,743
9th to 15th "	...	...	2.316	1,743
16th to 22nd "	...	...	3.087	1,743
23rd to 31st "	...	...	2.782	1,468
1st to 8th Feb.	...	...	1.466	1,395
Total	...	...	21.250	
			=	787 mil. of C. yds.
Fall and loss, tank water-level 13th Dec.	...	...	31.31	Contents, Cubic yards.
8th Feb.	...	...	29.64	20.477 mls. 15.396
			Fall	1.67 feet
Issues to irrigation	...	...	...	787
Municipality	...	...	...	385
				1.172 (b)
Difference = loss by evaporation, &c.	...	...	...	3.909 mls.
Total fall by loss of (a)	...	...	5.081 mls.	= 1.67 feet.
" by (b) issues	...	...	1.172	" = 385 "
" due to evaporation...	...	...	3.909	" = 1.285 "
Or daily in 57 days =	...	...	.0226	" = .27 inch.

*Proceedings of the Madras Government, Public Works Department,
3rd March 1877. No. 728.*

No. 64. ORDER THEREON, 3rd March 1877, No. 728.

IRRIGATION, No. 8.

RECORDED, with reference to G.Os.,
No. 455 of the 8th ultimo, and No. 703 of
the 1st instant. The information sub-

mitted shows that of the difference of 5.481 millions of cubic yards in the contents of
the Red Hills Tank on the 13th December 1876 and the 8th February 1877,
respectively, 0.787 million of cubic yards were used for irrigation and 0.385 million
by the Municipality, while 3.909 millions were lost by evaporation, absorption, &c.
The total fall of the tank in 57 days was 1.67 feet, and the fall due to issues 0.385
feet or 4.62 inches. Evaporation, &c., lowered the water 1.285 feet, or on the
average 0.27 inch daily.

(True Extract.)

John Lubbock
Lieut.-Colonel, R.E.,
Secretary to Government.

To the Superintending Engineer, Chingleput.

" Chief Engineer for Irrigation.

" Financial Department.

" Revenue Department, with G.O., No. 455, dated 8th February 1877.

Erd. E. C. Shunker.

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Rev: Dept
Govt. of (1877) Madras
PUBLIC WORKS.

No 1663

To
✓
The SUPERINTENDING ENGINEER
CHINGLEPUT
Co., &c.

Dated March 3rd.

Issued

Recd. *10 March*

Encl.

GL O., 3rd March 1877, No. 72E.

To Secy
MARCH.

Nos. 63-64.

No 1470
Recorded
✓

14 March 77

Red Hills Tank.—Report from the Superintending Engineer, Chingleput, of the charge from the irrigation sluices of the between 15th December 1876 and February 1877, recorded.