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TAMIL NADU ARCHIVES

GOVERNMENT OF TAMIL NADU

P. W. DEPARTMENT

G.O. No.	2824 W	Press.
B.P. No.		Mis.
Dated	10-7-1878	197.

A.K.
Not to be folded or roughly handled

2824
1

GOVERNMENT OF MADRAS.
PUBLIC WORKS DEPARTMENT.

10th July 1878, No. 2,824 W.

Buildings and Roads.
Civil Works.

Read the following papers:—

No. 113. Endorsement of the Chief Secretary to Government, Financial Department, dated Ootacamund, 29th June 1878, No. 1,139.

From L. R. BURROWS, Esq., Acting President of the Municipal Commission, Madras, to the Chief Secretary to Government, dated Madras, 27th June 1878, G. No. 171.

I HAVE the honor to forward, for the consideration and orders of Government, a report from Mr. Jones, the Executive Engineer of the Municipality, on the present level and rate of fall of the water in the Red Hills tank. Mr. Jones shows that under present conditions the tank will cease to supply the Municipality in 2½ months. As the prospects of the season are uncertain, I have to request that Government will give practical effect to their Order of the 20th June 1877, No. 94 I, by directing the irrigation sluices to be at once closed.

From J. A. JONES, Esq., Executive Engineer, Municipal Commission, Madras, to the Acting President of the Municipal Commission, Madras, dated Madras, 26th June 1878, E. No. 635.

I HAVE the honor to call attention to the low level and the large daily decrease in level of the Red Hills tank.

2. The present level of the tank (24th June) is 33.10, or 6.79 feet above the bottom of the lowest pipe, which is 31.31.

3. The lowest level at which it will be possible to send a sufficient supply to Madras is about 35.00, so that only 3.10 feet in depth is available for the wants of Madras.

4. The fall each day during the last week has been as follows:—

					inch.
18th	...	...	...	...	1
19th	...	...	...	...	1
20th	...	...	...	...	1
21st	...	...	...	...	1
22nd	...	...	...	...	1
23rd	...	...	...	...	1
24th	...	...	...	...	1

Total ... 4½

and the fall since the 24th of May has been 1.35 feet.

5. Supposing, therefore, that the tank fell at the same rate, there would be only $\frac{3.10}{1.35} = 2.3$ months' supply remaining, or about 69 days' supply.

6. The monthly amount drawn by the Municipality is 14,976,000 cubic feet, but the amount taken between 24th May and 24th June is 162,000,000 cubic feet.

7. In G.O., 20th June 1877, No. 94 I, the Government only permitted irrigation to be resumed in the tank after it rose to 8 feet above the Municipal sluice, or a level of 39.31, and as the circumstances are in no wise changed, I consider that the attention of Government should be called to the fact that the tank is already more than 1 foot below that level.

PUBLIC WORKS DEPARTMENT, 10TH JULY 1878, No. 2,824 W.

TRANSFERRED to the Public Works Department for disposal.

(Signed) D. F. CARMICHAEL,
Chief Secretary.

No. 113-A. Memorandum by the Joint Secretary to Government, Public Works Department, Irrigation Branch, dated 3rd July 1878.

No. 113-B. Telegram from the Acting President, Madras Municipality, to the Secretary to Government, Public Works Department, Ootacamund, dated 9th July 1878.

PRESENT level Red Hills tank thirty-seven decimal ninety-five.

No. 114. ORDER THEREON, 10th July 1878, No. 2,824 W.

THE supply of water in the Red Hills tank being uncertain, great care in its use is absolutely necessary.

2. The Collector of Chingleput will, in company with the District Engineer, personally examine the matter and report what water is now being drawn off for irrigation, and the effect of stopping the supply for cultivation.

3. The Municipality should carefully economise the supply drawn off for the town, and not use it for watering roads and such like purposes.

(True Extract.)

(Signed) E. A. FOORD, Colonel, R.E.,
Secy. to Govt., P.W.D.

(True Copy.)

Major, R.E.,
Under Secy. to Govt., P.W.D.

To the Collector of Chingleput.
" District Engineer, Chingleput.
" President, Madras Municipality.
" Chief Engineer for Irrigation.
" Revenue Department.
" Financial do.

Exd. A. F. Goodall.
Spare Copies

2824
8



BUILDINGS AND ROADS.
CIVIL WORKS.

Govt. of (1878) Madras.
PUBLIC WORKS.

To

THE COLLECTOR OF CHINGLETUR,
Sd., Sec., &c.

Dated July 10th.

Issued

Recd.

Encl.

G. O., 10th July 1878, No. 2,824 W.

JULY.

Nos. 113-114.

Not Hill Tank Water.—Passing orders
regarding the economising of —.

E. No. 650

Municipal Commissioners' Office, 3

EX-ENGINEER'S DEPARTMENT.

Madras 26th June 1878.

From

Executive Engineer,

Municipal Commission.

To

C. E. Burrows Esq.

acting President "Mud Commission".

Sig.

I have the honor to call attention
to the low level and the large daily decrease
in level of the Lecl & Hills tanks.

2. The present level of the tanks
24th June is 38.10 or 6.79 feet above the bottom
of the lowest pipe which is 31.31.

3. The lowest level at which it
will be possible to send a sufficient
supply to Alnadra is about 35.00 so that
only 3.10 feet in depth is available for the
wants of Alnadra.

4. The fall each day during the
last week has been as follows

18 th	1/2 inch
19 th	3/4 —
20 th	1/2 —
21 st	1/2 —
22 nd	1/2 —
23 rd	3/4 —
24 th	3/4 —

Total 4 1/4

Level of tank
24th June
31.30

and the fall since the 24th of May has been 1.35
feet.

5. Supposing, therefore that the
Tank fell at the same rate there would be
only $\frac{3.10}{1.35} = 2.3$ months supply remaining
or about 69 days supply.

6. The monthly amount drawn
by the Municipality is 14,976,000 C ft.
but the amount taken between 24th May and
24th June is 162,000,000 C ft.

7. In L. O. 20th June 1877 No.
94-I the Government only permitted irri-
gation to be resumed in the tank after
it rose to eight feet above the Municipal
 sluice or a level of 39.31 and as the cir-
cumstances are in no wise changed I
consider that the attention of Government
should be called to the fact that the
tank is already more than 1 foot below
that level.

I have the honor to be

Sir,

Yours most obedient servant.

W. Jones

Executive Engineer

Mudumalai

W. Jones

G. No. 171

From

L. R. BURROWS,

Acting President, Municipal Commission.

To

The Honble D. S. Carmichael
Chief Secretary to Government
Colocoramund.

Sir,

I have the honor to forward for
the consideration and orders of Government a
report from Mr. Jones the Executive Engineer
of the Municipality on the present level and
rate of fall of the water in the Red Hills
Tank. Mr. Jones shows that under present
conditions the tank will cease to supply the
Municipality in 2 1/2 months. As the prospects
of the season are uncertain I have to request
that Government will give practical effect
to their order of the 20th June 1877, No. 94-I
by directing the irrigation sluices to be at once
closed.

I have the honor to be,

Sir,

Your most obedient servant,

L. R. Burrows

Acting President, Municipal Commission.

No. 1134.

Transferred to the Public Works Department for disposal.

29th June 78.

Chief Secretary

Remains for action
a report from the
companies on the present
and state of sale of the
in the Red Hill.

Chief Secy

Chief Secy

Chief Secy

Chief Secy

Chief Secy

Chief Secy

- No. 175. 26-4-96.
- 66- 10-5-96.
- 1189- 12-5-96.
- 219- 23-1-97.
- 455- 8-2-97.
- 703- 1-3-97.
- 728- 3-3-97.
- 732- 9-6-97.
- 945- 20-6-97.

Cir 3.7.78. Dec 12.78
o.l. 8.11.94 fine

2824
5

11. 10. 02

to 11. 10. 02/38.

Telegram. 2824
6

Mr. Chandra
Chief Resident Municipality
D. Golapmunda.
Secretary to Govt.
L.R. Dept

Dated 9th July 1898.

Present level. Red Hills
Tank Muri from decimal
level fixed.

TRAFFIC CODE FORM CI.

Class.

INDIAN TELEGRAPH

Local No

To (Station)

137
Vadacomund

FROM (Station)

2-824
M A B A P

Words

22.

Time tendered for transmission.
(Madras time.)

9-12-30

OFFICIAL INSTRUCTIONS—

To (Person)

Very to Govt

FROM (Person)

of President

D. P. A. V. S. R. M. C.

Present

level

Red

Hill

La. 2K

Thirtieth

seven

decimal

ninth

five

RECD. FROM

(L. L.)

SENT TO

(L. L.)

At H. M., on the

At H. M., on the

By

By

07 ALAMUND 9-1-18

Telegraph Master

Mo Sept 28th 1878

Telegram from the Acting President,
Municipal Commission, Madras, dated
9th July 78.

Circulated for
information.

The level of water
in the Red Hills tank
on the 26th June was
38.10. The daily decrease
was reported to be
from $\frac{1}{2}$ to $\frac{3}{4}$ of an inch.
As the water level on
the 9th of July was 37.95,
that is a decrease of
only .15 inch in thirteen
days, it is evident that
the tank must have

W.H.

Shri G. S. S. S. S.
yes. But S.S. ask
distinctly. The
tank has no supply
and direct observation
to be maintained
12/7 1878

Recd 9th July
8/11/78

Recd 10th 78. Dtd 23.7.78
L. S. S. S. S.

have during that
time received a Sup-
ply from recent rain
or flood in the catchment.

E A M L L B
Secy to Govt Mnd

10th July/78.

Handwritten notes in the top right corner of the left page, including "Red Hills Reservoir" and "Supply".

Handwritten notes in the bottom right corner of the left page, including "Supply" and "Reservoir".

Cur 10.20.78. Rd 23.7.78
L. G. 27 July

2824
1

PUBLIC WORKS DEPARTMENT.

From Financial Department No 1139-29 June 1878

FOR ORDERS.

According to revised
calculations of capacity
recently made by Colonel
O'Connell, the Superintend-
ing Engineer, the contents
of the Red Hills Reservoir are
at 38.10, millions of C. Feet 1328.013

the sill of Municipal
sluice

31.31 do 547.917

Contents above Municipal
sluice sill. 780.096

equivalent to millions of cubic yards 2887

Handwritten notes in the middle left of the right page, including "The note to Col. O'Connell" and "his remarks".

The consumption of water
by the municipality is
stated to be monthly millions of C. Feet 14.776

Handwritten notes in the bottom left of the right page, including "The Collector of Water" and "the rate to the culture".

The diminution in the quantity
of water in the tank during
the period from 24 May

to 24th June is said to have
been Millions C.F. 162.00
or the Municipal consump-
tion was a little more
than a twelfth of the total.

How much of the difference to economy of irrigation
or balance was due to water drawn off for irrigation
is not known, but it can be ascertained from
the Superintending Engineer as registers are maintained.

Looking at the time of year it is improbable
that much water was
wanted for irrigation.
Ordinarily the Tank should
receive a good deal of
water in July.

Below Mr. Lauder's
report of putting off the
water - I am sure his
most anxious attention
the matter of a new
water & another line
in communication with
the experienced Supt.
as may be ascertained
if the supply to the tank
is likely to fail - or be
seriously postponed

By Mr.
It is quite certain the
supply is too uncertain
to be relied upon
for the purpose of
irrigation.

Joint Secy by Mr. Lauder
Irrigation Branch
3rd July 1878

Public Works Department.
No 2824
PROCEEDINGS OF THE MADRAS GOVERNMENT.
UNDER date the 10 July 1878
Read the following

Endorsement in the Financial
Dept. on letter from President,
Madras Municipal Comm.,
No 171 of 27th June 1878

Memo by Joint Secy to Govt.
P.W. Dept. Irig. Branch

Telegram from the President,
Madras Municipal Comm.

The supply of water
in the Red Hill tank
being uncertain, great care
in its use is absolutely
necessary.

The Collector of
Chingleput will, in company
with the District Engineer,
personally examine the
matter and report what

R.A.

water is now being drawn
off for irrigation, and the
effect of stopping the supply
for cultivation.

The Municipality
should carefully economise
the supply drawn off for
the town and not use it
for watering roads and
such like purposes.

607

8/7

ms despd to
10/7/78

{ Colr. of Chingleput
D.E. Chingleput
President Madras Municipality
Chief Engr for Irrig.
Revenue Dept.
Financial Dept. }
draft to 7/78

6:44

17

2824
10

FOR ORDERS.

Am. to. Ind. Co.
H. W. Richards R.R. 5
His power of attorney

Am. to. Ind. Co.
H. W. Richards R.R. 5
His power of attorney
10-7-78

Am. to. Ind. Co.
H. W. Richards R.R. 5
His power of attorney
10-7-78

2824
12

7850
1857



Obt. of (1878) Madras.

PUBLIC WORKS

To

Date

Issued

Recd.

Encl.

G. O., 10 July 1878. No. 28266

Nos. 113 to 116

Red Hill Tank Water

Passing orders regarding
the Economising of —

Curran Roper