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 (2) Date of repair 29-8-56
 (3) Initials of the Referencer lmo

TAMIL NADU ARCHIVES

GOVERNMENT OF TAMIL NADU

P.W.D DEPARTMENT

G.O. No.	3719-W	Press.
B.P. No.		Mis.
Dated	21-9-1878	197-

R.R.

Not to be folded or roughly handled

3719
1

GOVERNMENT OF MADRAS.

PUBLIC WORKS DEPARTMENT.

21st September 1878, No. 3,719 W.

Buildings and Roads.
Civil Works.

Read the following paper:—

No. 236. From Colonel P. O'CONNELL, R.E., Superintending Engineer, Chingleput, to the Chief Engineer, Public Works Department, dated St. Thomas' Mount, 7th September 1878, No. 3,245.

I HAVE the honor with reference to paragraph 2 of G.O., No. 3,053 W, dated 1st August, to forward the accompanying copy of a report by the Range Officer on the state of the Red Hill tank water-supply on the 1st September, together with an extract from the register of the height of the water in the tank during the first twenty days of September 1877.

2. It will be observed that the levels of the surface of the tank on the 1st September 1877 and 1878 were 36.40 and 37.04 respectively, so that it was 64 of a foot or 7.68 inches higher this year than last year. Moreover, owing to freshes in the Cortelliar during July and August, the Cholavaram tank is well supplied and can spare sufficient water to raise the Red Hill tank to the level of 39.97 or 3.57 feet above what it stood at on September 1st 1877. I crossed the Cooum in fresh at Tiruvallur on the 31st August. The depth of water was about 3 feet and it continued at about the same height on September 1st. The greater portion of this water came from the Cortelliar so that another fresh has probably added still more to the supply in the Cholavaram tank. Unless, therefore, the N.E. monsoon fails, there will be no cause for anxiety during the present year as to the water-supply of Madras provided no accident occurs to the tank.

P.S.—Since writing the above I have received a report that the level of water in the Red Hills tank has risen to 38.33 or 1.29 above the level at which it stood on the 1st September and that the head sluice of the tank has been kept open from the 1st idem. It rained here last night to the amount of 1.7 inches.

From Conductor D. FALVEY, Executive Officer, Mount Division, to the Superintending Engineer, Chingleput, dated 4th September 1878, No. 303.

WITH reference to your endorsement, No. 2,875, of the 10th August 1878, forwarding copy of G.O., No. 3,053 W, of the 1st idem, I have the honor to report that the water in the Red Hills tank on the 1st September 1878 stood at 37.04; on the 10th July 1878 it stood at 38.02; so that in 52 days it has decreased only 38.02—37.04=0.98 foot. This is owing to the local drainage into the tank during the late rains.

2. There have been three or four freshes in the Cortelliar during the months of July and August, and the Cholavaram tank has received a good supply. The water in that tank yesterday stood at 50.70. I have ordered the head sluice for the supply of the Red Hills tank to be opened and to run off the water till it stands at 50.68. This will give us 427.928 millions of cubic feet into the Red Hills lake, which will increase the level in the latter 2.93 feet or to 39.97. It will possibly be more, as we are still having rain almost daily.

RED HILL'S TASK.

September 1877.

Date.	Levels.	Date.	Levels.
1	36-40	11	36-21
2	36-38	12	36-21
3	36-36	13	36-29
4	36-34	14	36-50
5	36-32	15	36-62
6	36-30	16	36-72
7	36-28	17	36-81
8	36-26	18	36-90
9	36-24	19	36-99
10	36-22	20	37-07

(Signed) P. O'CONNELL, Colonel, R.E.,
Superintending Engineer, Chingleput.

No. 237. ORDER THEREON, 21st September 1878, No. 3,719 W.

COMMUNICATED to the Chief Engineer for Irrigation and the Revenue Department.

(True Extract.)

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

(True Copy.)

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

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

Exd. E. C. Shunker.
Spare Copies

Publ. of 11791
PUBLIC WORKS.

FOR INTERNATIONAL ENGINEERS
CONSULTANTS
CO. INC. 192

10345 September 21st

Index

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CONCLUSIONS

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did not demonstrate the presence of
level of the ocean in September 1978 was
increased with local fishery declines
commenced in 1978. The Fisheries and
Marine Resources Department

Chingleput Superintending Engineer's Office,
Saint Thomas' Mount, 7th Sept 1878.

From

THE SUPERINTENDING ENGINEER,
Chingleput.

To

The Chief Engineer
Public Works Department

SIR,

I have the honor with reference to para 2 of G.O. No. 3053 H. dated 1st August to forward the accompanying copy of a report by the Range Officer on the state of the Red Hill Tank Water supply on the 1st September together with an extract from the register of the height of the water in the tank during the first 20 days of September 1877.

2. It will be observed that the levels of the surface of the tank on the first September 1877 and 1878 were 36.40 and 37.04 respectively so that it was .64 of a foot or 7.68 inches higher this year than last year. Moreover owing to freshes in the Corbellar during July and August the Cholavaram Tank is well supplied and can spare sufficient water to raise the Red

Hill Tank to the level of 39.97 or 3.57 feet above what it stood at on September 1st 1877. I crossed the Cooum in fresh at Trinellore on the 31st August. The depth of water was about 3 feet and it continued at about the same height on September 1st. The greater portion of this water came from the Contelair so that another fresh has probably added still more to the supply in the Cholavaram Tank. Unless therefore the N.E. Monsoon fails there will be no cause for anxiety during the present year as to the water supply of Madras, provided no accident occurs to the Tank.

I have the honor to be
Sir
Your most obedient servant

P. J. Connell Colonel R.E.
Superintendent, Chingleput.

P.S. Since writing the above I have received a report that the level of water in the Red Hills Tank has

risen

risen to 38.33 or 1.29 above the level at which it stood on the 1st September and that the Head Sluice of the tank has been kept open from the 1st idem. It rained here last night to the amount of 1.7 inch.

P. J.
3219/18

G.O. 30534. 1. 8. 78.
 38. 1. 78.
 28248. 10. 7. 78.
 941. 20. 6. 77

From the Sup^d Engr^s Ching^s

N^o 3245

Dated 7th } Sept^r /78.
 Red }

Enclosures 2.

Red Hills Tank Water
 — Forward copy of
 a report of Mount Range
 Officer regarding the state
 of the Level of water
 stood in 1st Sept^r /77 &
 1st Sept^r /78 in the —

[Signature]

R^o 249
 to cot. 10. 9. 78 put 23-9-78
 cin 17-9-78

N^o 303.

Mount D^e office
 4th September 1878.

From

The Executive Officer
 Mount Division.

To

The Superintending Engineer
 Ching^sput

Sir,

With reference to your endorsement
 N^o 2875 of the 10th August 1878, forwarding
 copy of G.O. N^o 3053 H. of the 1st idem,
 I have the honor to report that the water
 in the Red Hills tank on the 1st September
 1878 stood at 37.04, on the 10th July 1878 it
 stood at 38.02; so that in 52 days it has
 decreased only $38.02 - 37.04 = 0.98$ ft. This is
 owing to the local drainage into the tank
 during the late rains.

2. There have been three or four freshes
 in the Conchiar during the months of July
 and August and the Cholanaraw tank
 has received a good supply. The water
 in that tank yesterday stood at 59.70.
 I have ordered the Head sluice for the
 supply of the Red Hills tank to be opened
 and to run off the water till it stands
 at 58.68. This will give us 427.928 Millions
 of Cubic feet into the Red Hills Lake which
 will increase the level in the latter 2.93 feet
 or to 39.97. It will possibly more as

are still having rain almost daily.

I have &c

signed D. F. Salvey, Conductor
Executive Officer.

(True copy)

P. H. Small Colonel R.E.
Sup. Engineer, Chingleput.
For

Red Hills Tank

September 1877.

Date	Levels	Remarks.
1	36.40	
2	36.38	
3	36.36	
4	36.34	
5	36.32	
6	36.30	
7	36.28	
8	36.26	
9	36.24	
10	36.22	
11	36.21	
12	36.21	
13	36.29	
14	36.50	
15	36.62	
16	36.72	
17	36.81	
18	36.90	
19	36.99	
20	37.07	

P. H. Small Colonel R.E.
Sup. Engineer, Chingleput.
For

3719
6

3719 W Public Works Department.

PROCEEDINGS OF THE MADRAS GOVERNMENT.

Under date the 21 Sep/78.

Read the following:-

3719/7

From the Supt. Engrs. Chengelpet } H.E. No 3245 d/7 Sept 78.

Communicated to
the Chief Engineer for
Irrigation and the
Revenue Department.

HE

21/9

21/9

Supt. Engrs. Chengelpet
Collector do
Chief Engrs. for Irrigation do
Revenue Dept. do
Financial do

21/9

R2 2/9
Cir 17.9.78
10.9.78

10072

Govt. of (1878) Madras.

PUBLIC WORKS.

To,

S. R. Chingleput.

Dated

Issued

Recd.

Encl.

G. O., 21 Sept 1878, No. 3719N

Nos. 236 & 237

Ed. H. Tank Water.

The report on the
water level of the —
on 1st Sept. 1878 compared
with levels taken in Sept. 77,
communicated to the C.E.S.
and the Revenue Dept.

Submitted.