

(1) Number of pages _____

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(3) Initials of the Referencer _____

MADRAS RECORD OFFICE

Government of Madras

Public Works DEPARTMENT

G.O. No.	919	Press
B.P. No.		Mis. —
Dated	7-4-	C875-195-

Not to be folded or roughly handled

Read the following papers:—

No. 137. Endorsement of the Acting Chief Secretary to Government, Financial Department, dated 15th February 1875.

From J. C. LOCH, Esq., President of the Municipal Commission, Madras, to the Honorable D. F. CARMICHAEL, Acting Chief Secretary to Government, Fort St. George, dated Madras, 12th February 1875, No. 1,283—2,647.

With reference to G. O., dated 28th May 1874, No. 904, and to that of the 30th January 1875, in the Financial Department, No. 182, I have the honor to inform you that, in fixing on 10,000,000 cubic yards as the probable consumption of water from the Red Hills Lake, I was guided by the quantity actually used during the previous year to which I added the probable increase for public and sanitary purposes.

2. The estimate I now find is excessive, as the water drawn off from 1st April to 31st December 1874 amounts to only 4,000,000 cubic yards.

3. The first of the above referred to orders was received by Mr. Coleman, during my absence on privilege leave, and was unfortunately not brought before me until receipt of the second order. Hence the delay in furnishing this information, which I very much regret.

FORWARDED to the Public Works Department, with reference to the Order in that Department, dated 23rd May 1874, No. 1,386.

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

No. 262-A.

No. 138. *Note by the Chief Engineer for Irrigation.*

THE report of the President of the Madras Municipal Commission, showing that in the first nine months of the current official year only four millions of cubic yards of water have been taken from the Red Hills Lake for the supply of the city, and that consequently in all probability the year's consumption of water will fall considerably short of six millions of cubic yards, appears to render it necessary to consider the circumstances of the water-supply of Madras.

2. When it was finally settled that the town was to be supplied at the rate of one Rupee for one thousand cubic yards, it was presumed that the quantity which would be required and paid for would be about 32 millions of cubic yards, yielding a return to the Madras Water Works Project of about Rupees 32,000.

3. The quantity of water stored on account of the Municipality is $32 + 15 = 47$ millions, the 15 millions being useless, owing to the high level of the Municipal sluice. If then the Municipality take and pay for about $5\frac{1}{2}$ millions only this year, the account will stand somewhat thus:—

Proceedings of the Madras Government, Public Works Department,
7th April 1875.

Payment	...	...	...	5,500 Rupees
Water stored for the Municipality	...	...	...	47 millions of cubic yards.
Rate paid	...	...	...	1 Anna $10\frac{23}{47}$ pies per thousand cubic yards stored.

Even this, however, will not be a complete view of the case, for in G. O., No. 3,154, of the 29th September 1869, the Government directed the payment of Rs. 30,832 to the Municipality as a contribution to the cost of the delivery channel from the Red Hills Lake to the town; the interest of this, at 5 per cent. in round numbers, is Rupees 1,540, and the rate paid after deducting this will be $1\frac{1}{4}$ Annas a thousand cubic yards provided.

4. It would seem that the whole contribution of the Municipality for five or six years will not more than repay the actual outlay by Government on the delivery channel alone.

CAMP AT CHINNAKRAKEE, (Signed) JOHN MULLINS, Lieut.-Colonel R.E.,
6th March 1875. Chief Engineer for Irrigation.

No. 139. ORDER THEREON, 7th April 1875, No. 919.

IRRIGATION, No. 15.

BEFORE passing orders on this communication from the President of the Municipal Commission, Madras,

His Excellency the Governor in Council considers it desirable that he should be called upon through the Financial Department for an early and carefully revised estimate of the quantity of water likely to be required in the future from the Red Hills Lake. It should be shown, as nearly as may be, to what population the town supply has been at present made available, to what additional number the extension of the distribution works will afford it, as also what deductions may legitimately be drawn from these and other data as to the ultimate demand upon the storage provided for town use by the Madras Water Works Project.

(True Extract.)

(Signed) G. W. WALKER, Colonel, R.E.,
Secretary to Government.

To the Chief Engineer for Irrigation.
.. Superintending Engineer, Chingleput.
.. President of the Municipal Commission for the town of Madras.
.. Financial Department.
.. Revenue do.

Exd. S. T. Austin.
Spare Copies

No. 1283
2647

Madras Municipality,
Executive Engineers' Office,

Madras 12th Feby. 1875.

From J. C. Lock Esq.
President, Madras Municipal
Commission.

To The Chief Secretary to Government
Fort St. George.

Sir,
With reference to G. O. dated 28th May 1874 No 9011 and to that of the 30th January 1875 in the Financial Department No 182, I have the honour to inform you that, in fixing on 10,000,000 Cubic yards as the probable consumption of water from the Red Hills Lake, I was guided by the quantity actually used during the previous year to which I added the probable increase for public and sanitary purposes.

2. The estimate, I now find, is excessive as the water drawn off from 1st April to 31st Decr 1874 amounts to only 4,000,000 Cubic Yards

Cubic Yards.

3. The first of the above referred to Orders was received by Mr. Coleman during my absence on privilege leave and was unfortunately not brought before me until receipt of the second Order. Hence the delay in furnishing this information, which I very much regret. I have the honour to be,

Sir,

Your most obedient Servant

Wm. L. Loe

President

Cubic Yards.

3. The first of the above referred to Orders was received by Mr. Coleman

during
and was
before me
Order in
this info
repet.

mis. 28th May 1874, No. 105-109
" 30th Feb. 1875, No. 114
Forwarded to the Public Works Dept.
in full with reference to the order in which
department dated 28th May 1874.
1886. 15th May 1875. P. J. Hamlin
The Public Works Department
15/2/75.

Received 1875
Municipal Office

Received
The President Munde House

The Chief Secretary to Govt.
East St. George

Dated 12th February

Received 15. —

Amount No. 355

No. 1283
26/7

Submits explanation —
Collected for in G. O. No. 904
of the 28th May as to the date
on which the estimate for
draining off water from the
Red Hill Lake has been
made.

Forwarded.

No. 262 A.

Note by the Chief Engineer for Irrigation

The report of the President of the Madras Municipal Commission, showing that in the first 9 months of the current official year only 4 millions of Cubic Yards of water have been taken from the Red Hills lake for the supply of the city, and that consequently in all probability the year's supply will fall considerably short of 6 millions of Cubic Yards, appears to render it necessary to consider the circumstances of the water supply of Madras.

2 When it was finally settled that the Town was to be supplied at the rate of 1 Rupee for one thousand Cubic yards, it was presumed that the quantity which would be required and paid for would be about 32 millions of cubic yards, yielding

Pres. Madras
Government No.
2327-17 July
1869.

P. W. 1875 Dept.
No. 1029
From
The Ag. Chief Secy.
Irrig. Dept.
Dated 15 Feb 7
Recd. 16 -- 3 1875.

Forwarding a letter from the President of the Municipal Commission, Madras, submitting explanation as to the data on which the Estimate for drawing off water from the Red Hills Lake has been based -
G.O. No. 917-7-4-75

D. 24-3-75

617-3-75

1137

yielding a return to the Madras Water Works project of about Rupees 32,000:-

3 The quantity of water stored on account of the Municipality is $32 + 15 = 47$ millions, the 15 millions being useless owing to the high level of the Municipal sluice. If then the Municipality take and pay for about $5\frac{1}{2}$ millions only this year, the account will stand some-
-what thus,-

Payment — 5500 Papers.

Water stored for the Municipality - 4.7 millions of Cub. yds.

Rate paid 1 Anna 10 $\frac{22}{47}$ pice per thousand
cubic yards stored.

Even this however will not be a complete view of the case, for in G.O. n^o 3154 of the 29th September 1869 the Government directed the payment of Rupees 30,832 to the Municipality as a contribution to the cost of the delivery channel from the Red Hills lake to the town: the interest of this, at 5 per cent, in round numbers is Rupees 1540, and the rate paid

paid after deducting this will be $1\frac{1}{3}$ as near
a thousand cubic yards provided.

11 It would seem that the whole contribution of the Municipality for 5 or 6 years will not more than repay the actual outlay by Government on the delivery channel alone.

Camp at
Chumrahakee
6. March 1875 -

Voluntarius Lieut. Col. R.E. 2

Chief Engineer for Irrigation

To
The Secretary to Government.
P. W. D.

S.M.C.

Proceedings of the Madras Local Board

Read the following

From

The President

Mayor, Comm. Madras
thru the Local Board
Chief Engineer for Irrigation

(M. E. No. 1283 of 12th July 1919)
2647
— " — 2624 — 6th Dec.

Before passing Orders on this communication from the President of the Municipal Commission, Madras, His Excellency the Governor in Council considers it desirable that he should be called upon through the Municipal Department for an early and carefully revised estimate of the quantity of water likely to be required in the future from the Red Hills Lake. It should be shown, as nearly as may be, to what population the town supply has

22/5

M^l
G.T.B.

13864
6th Dec 1919 - 3864
27th July 1919 - 3154
17th July 1919 - 2327

617-2-75

N 138

Note on the subject of water supply of water from the Red Hills Lake to the Town of Madras
S.O. No. 919-2-4-75

P. N. G. 2875
From No. 1762
The Chief Engineer
of Irrigation
The Secretary to Govt.
of Madras
15th Dec 1919

has been at present made
available, to what additional
number the extension of the
distribution works will
afford it, as also what
deductions may legitimately
be drawn from these and
other data as to the ulti-
-mate demand upon the
storage provided for Town
use by the Madras Water
Works project.

9/5/75
MM

43
6
To The Chief Engr. for Irrigation
Supt. Engr. Chingleput
President of the Muni-
cipal Commission for
the town of Madras
Financial Dept.

No 137-139

201-3-75

1029 11/62 ✓
Govt. of Madras.

PUBLIC WORKS.

To Chief Engineer
Irrigation

Dated

Recd.

Encl.

G. O., April 1875, No.

919

No. 137.139.

Madras Water Supply
Project - The President
of the Madras Municipality
requested, thro' the Finl.
Dept, to submit an early
and carefully revised
estimate of the quantity of
water likely to be required
in the future from the Red
Hills lake.