14/4/05

L. & M.
9,000-5-8-96.

Local & Munl. (1895) Department.

MISCELLANEOUS.

G.O., No. 569 M

DATED 29th March 1895.

[**Despatch Abstract.**]

Water-supply.

Communicating to the Sanitary Board the Collector's and Coonoor Municipal Chairman's letters on the---of the town, and requesting it to report in full upon the improvements that are necessary to render the----less unsatisfactory.

BACK PAPERS.

G.O.	No.	Department.	Date.	G.O.	No.	Department.	Date.

FURTHER PAPERS.

G.O.	No.	Department.	Date.	G.O.	No.	Department.	Date.
G.O.	1935	M. 95					
Ci	2289	M. 95					

S.E./6 23-7-94—1,000.

No. 2676

GOVERNMENT OF MADRAS.

OFFICE OF SANITARY ENGINEER

Fort St. George, 26th November 1

From

R. E. ELLIS, Esq., ASSOC. M. INST. C.E.,
ACTING SANITARY ENGINEER TO GOVERNMENT,

To

The Chief Secretary to Governmen
Local and Municipal Departu

SIR,

With reference to G.O., dated 23 November 1894 No. 1796 M. Mis, Local and Municipal I have the honor to state that th would be no difficulty in undertaking the execution of the scheme for the water supp of Coonoor by this Department during 18 or as soon as funds are available. The work will entail the engagement of a Superv whose salary would be ultimately charged the Water Works funds. I may add that th present out-door staff is not up to the streng sanctioned.

I have the honor
Sir
Your most obt. Ser

R. E. El

✓

l & Municipal Dep

PR

RRENT No. 2973 m

Eng

1796 L 23-11-94
1668 L 8-11-94
2199 L 11-12-91
482 L 15-3-92

1894

he Ag: Sanitary Engineer

~~to Government~~

CHIEF SECRETARY
27. NOV. 1894
GOVERNMENT OF MADRAS

he Chief Secretary to Govt
Local & Mun^l. Dept

No. 2676

ated 26th }
esp^d. 27th } November 1894
Rec^d. }

Enc. ..

Subject

Coonoor Water Supply Scheme

—

Stating that this depart-
ent is prepared to undertake the execution
—— in 1895 or as soon as funds
available.

L & M. DEPARTM

C. No. 2973. M.

From

Dated 189

FOR ORDERS.

~~Orders~~ Steps shd. now be taken to compel the Mun^y. to carry out the works —

MS JG 7/12

Circ.

W 20 Dec

Has the Sanitary Commissioner approved of this project?

W

Certainly
MS

Quite right
MS

Done in Final

Then make it — Put in the whole sum for 95-96 MS

I prefer to raise the grants, so that if we dont spend the money on the Mun^l. works, we may at least have a little money in hand to come upon

MS

This is right
MS
6/12/94

Please see the notes & orders in G
dated 23rd November '94. No. 796. M.

In G.O. 11th December 1891 No. 219
in which this scheme was approved
assumed that the Municipality wou
borrow from Government the whole
required for its execution (Rs 80.0
would not get any Grant from

From the first sentence in
note dated 15.11.94 in the G.O.
referred to it appears that he wishes to
keep to the course then indicated.

A loan of Rs 80.000 will require an annua
payment of Rs 4.768, & this, as ha
already been pointed out in the papers
on this scheme will necessitate the im
position of the water tax in Coonoor
the maximum rate — four per cen

In the revised estimate for '94-'9
and the Budget estimate for '95-'96
loans & grants in G.O. dated 29th
October '94 No. 1557.M. no provision
has been made for this scheme.

The grants have been made
to four lakhs, so that no grant ca
be made in 1895-96 ~~[illegible]~~ should
think that one should be made at
but H.M. has not yet passed the
of the Civil Budget, & if necessary
extra Rs 80,000 can be entered un
loans to local bodies (or part of th
sum). It has been ascertained that

il budget will go to H.M.
morro & it is on this account
rat paper has been marked
urge

P. 3.12.94 B.P.
4/12/94.

Coonoor Water supply scheme

E.

H.M.

The Hon'ble Mr. Grose.
H.E. the Govr.

(for orders)

Under the circs explained, I do not think it necessary to delay this matter - and hang it up for another year - but I think that all such questions as the water supply to Municipalities should receive the approval of the Sanitary Board, before they are submitted to Govt.

W
2 Jan

[G/23]

L & M. DEPARTMEN

C. No.

Note for H.E. the Governor
with refce to his note dated
on note for orders on C. 2973.
(Coonoor water supply scheme.)

FOR ORDERS.

The scheme approved in G.O. dated 1891. No. 2199 M. has never been formally referred to the Sanitary Commr remarks as this has not hitherto b the practice.

The scheme however appears to be not new, but to consist in straining in a reservoir & leading through pipes the water from the supply which is at present ~~now~~ in ~~but~~ which, as shewn by the D. San. Comm in his Inspection Notes (para 4.) printed in G.O. No. $\frac{1426\text{ M}}{21.10.93}$, is now considerably contaminated en route to the town owing to its passing along ~~through~~ unprotected earth channels.

Since the scheme was first proposed the San. Commr. has inspected the town once (vide his notes in G.O. $\frac{1977\text{ M.}}{3.12.92}$) & ~~the~~ Dy. San. Commr. twice. (Notes in G.Os $\frac{1132\text{ M}}{18.7.91}$ and $\frac{1426\text{ M}}{21.10.93}$.

In the notes in G.O. $\frac{1132\text{ M.}}{18.7.91}$ alone is any reference specifically made to this particular scheme.

The D. San. Commr. in para 4. of his notes therein alludes to it, & says nothing that can be held to show that he disapproves of it. He on the other hand ~~indeed~~ says that the Cinchona & tea plantations through which the stream will flow before being tapped, & which were mentioned by Mr. Jones as being one of the objectio

it perhaps be lodged against
aden of this source of supply
contaminate the water, to any extent unless
very heavily manured, as the flow is rapid. —
ken the Council are averse to
the scheme it will be
direct them to make
it in their Budget for
to compel compliance
irection under section .251
Dec '84. The 1895–96
One in January, so that
to issue in time to get
for begun in the ensuing
een it will be necessary to
Council the Govt's instruct
ing
nce.
San. Commr. could not
upon the scheme without a
onal inspection of the site after
return from Calcutta. This wd.
a month or two, & the scheme
referred to him for remarks wd. probably be
ened until '96–'97.
Orders as to the reference being
are solicited.

WT. 22.12.94 — 22/12/94

Coonoor water-supply scheme.—

2973

Note for H.E. the Governor.

E.

No. 357.

Reply to R.C. 287

Municipal Office
Coonoor 23rd February 1895.

Local & Municipal Dept.
CURRENT No. 8/3

with the previous papers

28/2/95

From,
J. A. Marjoribanks Esq.
Chairman
Municipal Council
Coonoor.

To,
J. D. Rees Esq C. I. E.
Collector of Nilgiris
Ootacamund.

Sir,

With reference to your endorsement dated 24th January 1895, No 65, on memorandum from Government dated 9th idem, and to your letter dated 9th February 1895 No 287, I have the honor to submit for the consideration and orders of Government the following resolution of the Municipal Council of Coonoor passed at its meeting held on the 21st Instant at which the undermentioned Councillors were present.

Ex-officio.
1. J. D. Rees Esq, C.I.E. Collector.
Officials.
2. Surgeon Lt: Col: J. Lancaster, Civil Surgeon.
Non-officials.
3. M.R.Ry. A. Coomarasamy Mudaliar Avergal

4. C. Gray Esq.
5. A. N. Groves Esq.
6. Soomar Sait Sahib.
7. E. Hall Esqr.
8. M. R. Ry. P. C. Ranojeerow Avergal and
9. J. A. Marjoribanks Esq, Chairman.

× × ×

Resolution No II. Read copy of Memorandum dated 9th January 1895 from Government to the Collector, calling for a report regarding Coonoor Water supply, received with Collectors endorsement dated 24th January 1895, and connected papers. Read also letter dated 9th February 1895 No 287 from the Collector enquiring what measures the Council proposes to take in order to raise the funds required for the improvements it contemplates in the Water supply, &c.

Proposed by Mr. Rees and seconded by Mr. Marjoribanks that a water rate of two per cent on houses and lands be imposed with effect from 1st April next in order to carry out the most urgent improvements needed to the water supply. This proposition was lost, only one member having voted for it as well as the mover and seconder. It was then proposed by Mr. Gray, seconded by Soomar Sait Sahib, and carried, that a water tax of one per cent on houses and lands be imposed with effect from 1st April next in order to carry out the most urgent improvements needed to the water supply, and that Government be asked to advance the sum of 25,000 Rs at 4 per cent Interest repayable in 30 years.

× × ×

2. With this resolution the Council would further submit the following remarks:- The Council observes that the water of the main supply furnished from four different places to the Chemical Examiner is reported to be useable. The same description is given of the water at its source high up above the town and at those places where it is most liable to contamination and is no doubt, to the regret of the Council, to some extent contaminated. In the opinion of the Council the Yeddapilly water supply should immediately be protected by piping as recommended by the Sanitary Commissioner. The Aravanghat scheme would be too costly and its catchment area is at least as likely to be contaminated by further building and cultivation as is that of Yeddapilly. The

A qualified Commendation

Apparently vide inspection notes wh. have not yet been received.

Ootoopatrai Channel supplies a comparatively small number of houses which also have access to another stream of drinking water. Indeed the Europeans throughout Coonoor never use the ordinary water supply for any purpose other than that of bathing. In the most populous part of the town there are two large wells and the Hospital cistern which are very much used for drinking and cooking by the native inhabitants and with reference to para 4(h) of the Sanitary Commissioner's Inspection notes, the Council would express a doubt whether the town's people would be at the pains to go to a main, situated even at a short distance, for pure water.

3. The Council most fully recognizes the need for piping the Yeddapillay supply, at first in those places most liable to contamination and finally by degrees throughout its whole length, and that after that the piping of the Ootoopatiai Channel might be taken in hand. The Council believes that the most urgent needs of the water supply could be met with Rs 25,000, and that the provision of costly reservoirs and filters is not immediately necessary. With the extension of the town, which may be expected on the completion of the railway a larger revenue may be counted upon, but at present the Council is strongly opposed to the imposition of a water rate at any thing like the maximum rate allowed by the act.

4. The death rate of the town is [x] 35.9 per mille against a Municipal average of 31.3. for the Presidency, but though the population as per Census is but 6,049, the town is the centre of the most populous area on the hills and is surrounded by Coffee Estates many of which situated on the lower slopes, are feverish and unhealthy, from which sick Coolies come in and die. The sudden change too from the plains notoriously provokes bowel complaints and diarrhoea and the death rate by no means represents the normal health of the station. An attempt has been made to differentiate between deaths of normal residents and deaths of persons from outside brought in sick whose decease cannot in common fairness be attributable to local Sanitary Conditions.

[x] Appendix XVIII of Genl Mun Review for 1893.94.- Page 58.-

I have the honor to be
Sir
Your most obedt. Servant
JAMarjoribanks
Chairman.-

[illegible]

Collector's endorsement
on Chairman's letter
No 357 of 23-2-95

The Chairman does not give any
~~the~~ calculation as to
what will it cost annually to
repay the proposed loan
in 30 years [see G.O. 11 Dec
91 No 2199 M from which
it can be worked out] or
what will be the proceeds
of the proposed tax.

No information on these
specific points is given in
the Chairman's communication.
A reference has been made as to
to Collector Ref. No 1268/1895 of 30 Oct 94

for Coll^r

27.2.95

Desp^d sharp
2/3/95

To Chairman
C. M. C.
with C.M.'s three
3 files of papers
for reference
& return.

Hc

No 371.

Municipal Office
Coonoor 6^th March 1895

From,
J. A. Marjoribanks Esq,
Chairman, Municipal Council
Coonoor

To,
The Collector of Nilgiris,
Ootacamund.

Sir,

With reference to your endorsement No 287 dated 28^th ultimo on my letter No 357 dated 23^d idem, I have the honor to state that the proposed water tax of one per cent on houses and lands is expected to yield Rs1,600- and that this sum is considered sufficient to repay a loan of Rs 25000 in 30 years, as shown below:-

The tax on Houses and Lands at 7½ per cent now yields about Rs12,000 per annum and at this rate a one per cent water rate would yield Rs1,600- and as it is stated in G.O. dated 11^th December 1891 No 2199 M. that the annual payment required to repay a loan of Rs 80,000 in 30 years will be Rs 4,768, so it has been calculated that the annual payment required to repay a loan of Rs 25,000 in the same period will be Rs1,490 which is within the abovementioned sum of Rs 1,600.

2. Adverting to para 2 of your endorsement I have the honor to state that the death rate of this Municipality is given in para 4 of my letter dated 23^d February 1895 mentioned above and the cause of it being so high is also there explained.

25000
1500

3. The 3 files of papers of your office received with your endorsement are herewith returned.

I have the honor to be
Sir
Your most obedient Servt.

E. A. Marjoribanks
Chairman

Srclo-2

This file to be completed
brought by S. H. - W.

JWR
7/3/95

2/813 M of 95

Cur Bk No 252/95

Nilgiri Collector's office
Ootacamund 8 March 1895

Local & Municipal Dept.
CURRENT No. 813 M

From

J. D. Rees Esquire C. I. E.
Collector of Nilgiris

To

The Chief Secretary to Government
Local and Municipal Deptt
Madras

Sir,

I have the honor to forward to Government the Coonoor Municipal Council's Chairman's letters of 23rd February 1895 No 335 and 6th March 1895 No 371, with reference to official memorandum dated 9th January 1895 No 1, and reminder No 330 dated 5th of March. The Chairman's endorsement on the Sanitary Commissioner's notes, No 337 dt. 8 Feby 1895 is also forwarded.

2. By Government order dated 11th December 1891, No 2199 Mr, L and M, His Excellency the Governor-in-Council offered to advance Rs 80,000 at 4¼ per cent, for the execution of the Water Supply Scheme drawn up by the

Sanitary Engineer, Mr Jones, and the Government remarked that a water-tax at the maximum rate would be more than sufficient to meet the annual payment of Rupees 4768, necessary to extinguish the loan, in 30 years. The Sanitary Engineer decided to reject the Aravanghat river, as the chief source of supply for reasons in which the Council then did, and now does, agree. Mr Jones showed that the water of the Yeddappalli stream was "a fair sample of ~~the~~ town's water", and he considered "that piping from the outskirts of the town, would preserve it from a good deal of contamination". The most expensive portions of Mr Jones' scheme, were the Reservoir and other accessories connected therewith. It was also shown by Mr Jones that there had never been a doubt about the sufficiency of this supply; the wastage in which would be still further reduced by the proposed piping. Mr Jones also pointed out that as the Chemical Examiner reported the water to be usable, filter-beds were not immediately necessary. The Council, however, in February 1892 urged that, though piping the water supply was very desirable, the general health of the town had not suffered from the omission to pipe, and that the quality and the quantity of the water were not open to such serious objections, as to make it necessary to carry out immediately so expensive a scheme; that the taxation of Coonoor, was the highest per head in the Presidency except that of Ootacamund, that the bulk of the population, which is poor, already paid house tax at the maximum rate; that even if Government gave the Municipality half the cost, it would be difficult for it to repay the balance, and the Council

G.O. 719 M / 21.4.92

was strongly opposed to any tax over and above a water rate of one per cent on the rental value of buildings and lands within Municipal limits.

3. Upon receipt of this Communication the Government allowed the matter to lie over by G.O. No. 719 Mis dated 21st April 1892.

4 Upon receipt of the Inspection notes of the Sanitary Commissioner in December 1894, I again urged the Consideration of this subject upon the Municipal Council and in February last, I proposed at a meeting that a water rate of 2 per cent might be levied similar to that of Ootacamund, which has lately been raised from one to two per cent.

5 It appeared to me, from a perusal of the Sanitary Commissioner's inspection notes, and from my own knowledge of the subject that the piping of the Yedlappatti supply

in

in certain places was a most urgent necessity and should be no longer postponed. The treatment of the Vannárpet and Ottupatrai supplies is a matter of less pressing importance, though piping through Vannarpet itself, should be taken in hand at once, a matter which could be accomplished probably at no great cost. I had not seen, during my inspections any sign of Contamination of the Yedlappatti channel by human ordure and the Sanitary Commissioner merely states, that "he is informed" that such Contamination is not infrequent, but I thoroughly agree with him in thinking that the portion of the supply channel, to which he refers in para 4 (c) of his notes, should be immediately piped. The Council, in its resolution of the 21st February arrives at the same Conclusion. As regards the Ottupatrai channel the Resolution recites that a Comparatively small number of houses is supplied thereby, and that such houses have access to another stream of drinking water.

6. My proposal that a 2 per cent water rate should be levied, having been lost, the Council voted a one per cent rate, and gave reasons, for its action, which will be found in its resolution of the 21st February 1895. There is no doubt that the death rate of the town is largely swollen by deaths of immigrants into it. The results of the "attempt to differentiate "between deaths of normal residents "and deaths of persons from outside" referred in para 4 of the Resolution is not given. But the Contention of the Council quoad hoc may be accepted, and the resolution forwarded to save delay.

7. The Chairman, in his letter of 6th March 1895 states that the proposed tax would yield 1600 Rs a year and I would suggest that the Sanitary Engineer should estimate the Cost of piping Yeddappalli water supply at places, where it is most liable to Contamination, and the Vannarpet supply just where it passes through the village, and it is believed, that these works Can be Carried out for an expenditure falling within Rs 25,000. It remains to be Considered, whether such action is sufficient to meet the more pressing requirements of the Case, or whether the Government will direct under section 49 of Act IV of 1884 the levy of a two per cent water tax, for the execution of more extensive works, if such are Considered by the Sanitary authorities to be absolutely necessary. I do not think that any very great hardship would result

from the levy of a 2 per Cent tax. ×

This wd. only be enough for half the scheme [illegible]

8. I had deferred the submission of the Chairman's Memorandum No 337, dated 8th February 1895, until I could obtain answers from the Council concerning the water supply. In that Memorandum, Mr Marjoribanks, deals with the other matters referred to in the Sanitary Commissioner's notes, to which a brief reference ~~from myself~~ & will suffice. Action has been taken by myself in communication with the Forest department, as regards the thinning of undergrowth, in Municipal limits. No difficulty is experienced except in regard to such growths on private properties. The Civil Surgeon is quite satisfied with what has been done in the neighbourhood of the Library and the Graveyard.

9 With reference to para 3.A Roads, aid by the District Board or Government is in this district practically one and the same thing. Roads, at any rate, are in good order. As regards the sewage system, the Chairman points out that this work was designed, and executed by the Sanitary Engineer. But the Sanitary Commissioner's statement "that the chances are that a heavy "proportion of the sewage of Coonoor "is still disposed of by saturation "of the soil beneath the houses", requires the fullest investigation by the Council. If this proves to be the case, immediate measures must be taken to prevent its continuance. With regard to the Sanitary Commissioner's proposals concerning the manufacture of Poudrette, it is astonishing that in these palmy days of the Coffee industry any difficulty should exist in the disposal of this substance

nt such is undoubtedly the Case
pon the Nilgiris.

10. Turning to paragraph 7 C,
he market area is now in tolerably
fair order. With reference to the
emarks made Concerning vacci-
nation, I believe that a still
urther improvement will be shown
n the closing months of this official
year. With regard to the Sanitary
dministration, the Council is ~~to~~ alive
 the fact, that there is room for
the improvements suggested by the
Sanitary Commissioner, which it
is endeavouring to effect.

11. The hamlet of Ottupatrai
to which the Sanitary Commissioner
refers in para 11 D, always presents
some difficulties in treatment
owing to its Complete isolation
from the town of Coonoor. It is,
however happily not the Case that
cholera has ~~not~~ appeared here

and during the past winter
not a single Case of this disease
has occurred in the district.

I have the honor to be,
Sir,
Your most obt servant,
J D Rees
Collector

W.S.

8/3

2

Local & Municipal Dept.
PR. CURRENT No. 813 M

The Collector of
Nilgiris

To

The Chief Secretary to
Government
Local and Municipal
Deptt
Madras

Dated 8th }
Despd 9th } March 1895
Recd }

CHIEF SECRETARY
11 MAR. 1895
GOVERNMENT OF MADRAS

Cur. No 252
1895
Enclo - # 3

Subject

Water Supply. Coonoor.
Submitting report on the
——— and increase of
water tax &c.

6/3 11/3 a/13/3

LOCAL AND MUNICIPAL DEPARTMENT.

Current Nos. 2973 M of 1894 & 813 M of 1895.

From

FOR ORDERS.

On the Suggestion made by the Collector in paragraph 7 of his letter. It is submitted that the whole question may be referred to the Sanitary Board for remarks.

1.R. 15/3/95 The Sanitary Commissioner, as was noticed by H.E. the Governor, has never had his say about the scheme as a whole, and it may perhaps be possible to do all that is at present necessary with a 2 per cent. water-tax. It will be noticed that even the Collector does not suggest more than a 2 per cent. water-tax, although a 4 per cent. tax ~~which~~ would be necessary to finance the whole scheme} & that the Council only agree to 1 per cent. This proposal would

Yes - Possibly the smaller measures now advocated may suffice - The San: Bd should send up maps so that

Note.
The Council's reply to the Sanitary Commissioner's Inspection Notes is also forwarded by the Collector without the Notes themselves - This point will be noticed when orders are passed on these currents.

Since recd.

The proposals may be understood - No doubt the San. Engr. has them -

Pending disposal of this question, put loan of Rs 25000 & a 1% water tax into Budget - I dare say that may do for the

B

if adopted, possibly postpone the execution of the scheme until 1896-97, but Coonoor does not appear to be so markedly unhealthy as to require instant remedies.

The Sanitary Board would be asked to specify the various improvements required in the order of their urgency, and the cost of each, and it could then be ascertained at what rate ~~how far~~ the water-tax would have to be imposed, ~~a 3 per cent water-tax, or more, was required~~.

18/3/95

W 15.3.95

The G.O. on the Budget of the Council for 1895-96 will be kept over until orders upon this file are received

W.

Cl:/

Read again G.O. d. 6.7.94. No. 861.M.

Read currently Nos. 2973 M & 813 M.

Order. d/29.3.95 No. 569 Mis

The Collector's and the Chairman's letters will be ~~referred~~ communicated to the Sanitary Board, which will be requested to report in full upon the improvements that are necessary to render the water-supply of Coonoor less unsatisfactory. Its report should show separately the various works that will be required, with the cost of each, & these should be arranged in the order of their urgency. It will then be possible for the Govt. to decide which of these should be put in hand at once, & which may without danger be postponed, & consequently the rate at which the Council should be requested to impose the water tax in the ensuing and subsequent years in order to pay the charges upon the loans that will be necessarily required. A sketch plan of the locality showing the various works dealt with in it should accompany the report.

2. Pending a final decision upon these questions provision will be made in the Budget of the Council for 1895-96 for water tax at one per cent, & for a loan Rs. 25,000 from Provincial Funds, & Rs. 25,000 be entered on the expenditure side under Water supply (from orders).

117-24-3-95

Water Supply - Coonoor [illegible]

2973 of 94 & 813 M of 95

FOR ORDERS.

H.M.

To C.M.C. Coonoor M.P., L&D Wo' Ap

Collector of the Nilgiris

Sanitary Board

When given for copying
When copied
When examined
When signed
189 .

READ AGAIN G.O., No. 189 , DATED

CURRENT No.

ENCLOSURES TO C. No.

ORDER OF GOVERNMENT .. .. .. A A A A A A A

LETTER OF GOVERNMENT.

STATEMENT WITH DITTO.

PAPERS NOT FILED UP, BEING MEANT FOR DESPATCH IN ORIGINAL.

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