

Local & Munl. (1895) Department.

MISCELLANEOUS.

G.O., No. 1935/m

DATED 22nd November 1895

[Despatch Abstract.]

Coonoor water-supply.

Requesting the Chairman, Municipal Council, Coonoor, with remarks, to move the Council to sanction an allotment of Rs. 1,000 for preliminary charges in connection with the -----scheme; and the Revenue Department to issue instructions for the reservation of the land, the drainage of which is likely to form the source of the proposed water-supply.

BACK PAPERS.

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

FURTHER PAPERS.

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

Local & Municipal Dept.

CURRENT No.

1895

From

The Sanitary Engineer
to Government

To

The Chief Secretary
to Government
Local & Municipal Dept.

Reference 1333
18/9/95

The Sanitary Board is requested to submit, as soon as possible, a sketch showing the locality of the works dealt with in this report, as already required in the concluding portion of para 1. of G.O. of 29th March 1895, No. 569.M.

1333
18/9/95

W. C. H. S.

No. 2538

Dated 5th }
Despd 6th } September 1895
Received }
ET SEP. 95

Enc-1

Subject

Forwarding Proceedings
of the Sanitary Board
on the subject of the
Water Supply of Coonoor.

To The Sanitary Board.
(Engineering
Subd. 18/9)

(with a reference)

18/9

Copy sent
18/9
18/9

No. 2538

GOVERNMENT OF MADRAS.

OFFICE OF SANITARY ENGINEER,

Fort St. George, 5 Sept 1895.

From

J. A. JONES, Esq., MEM. INST. C.E., F.R.S.E.,
Joint Secretary, Sanitary Board,
SANITARY ENGINEER TO GOVERNMENT,
Engineering Branch.

To

The Chief Secretary to Government,
Local and Municipal Department.

SIR,

I have the honor to forward here-
with Proceedings of the Sanitary Board on the
subject of the Water Supply of Coonoor.

I have the honor to be
Sir
Your most obedient servant

J. A. Jones

Joint Secretary
Sanitary Board, Engineering Branch

hcb

Government of Madras.

Sanitary Board Office.

Proceedings of the Sanitary Board
No. 2537 dated 5 September 1895

Present.

Surgn. Lt. Col. W. G. King, M. B. C. In., D. P. H.,
Sanitary Commissioner for Madras.

J. A. Jones Esq., Mem. Inst. C.E., F.R.S.E. Sanitary
Engineer to Govt.

The Sanitary Commissioner having
raised certain objections to the scheme
proposed for the water supply of Coonoor,
the Sanitary Board investigated the
points in question and has come to the
following conclusions which it now
resolves to communicate to Govern-
ment.

(1) An examination was made of
the Nivenghant valley, which the
Sanitary Engineer would have pro-
posed as the source of supply, except
on the score of the greater expense
likely to be involved, but the Board

is of opinion that with certain arrange-
ments hereafter enumerated the
Yedapalli Valley will be a safer source
than the Stewenham Valley. The Board
also investigated the possibility of
obtaining the supply for Coonoor from the
Valley up which passes the old road
from Wellington to Kotagiri and from
the stream from which Wellington is now
partly supplied. There is no doubt that
this is the least polluted area of the
three, but ~~at~~ above the head of the
Wellington Supply Channel there are
many huts in the very small valley
from which the stream debouches,
and the Wellington Channel is not
received from a pure source. The
condition of the collecting area could
however be rendered safe at small
expenditure. To carry this
channel to Coonoor even if it were
available for that purpose would cost
some Rs 35,000 as it would have to be
piped. A second plan suggested itself
viz, to carry a new channel along the
slope

slope of the hills on the southern side of
this valley. At a rough estimate it is
calculated this would add Rs 10,000 to
Rs 12,000 to the cost of the original scheme.
But both with regard to possible cost
and yield of water it would be necessary
to make a special survey at an ex-
penditure of Rs 1,000.

The Board is of opinion if the
recommendation made in the last
paragraph of the Proceedings be acceded
to by Government, and the Municipality
be thereby placed in a position to
choose between a superior ^{an} inferior
source of water supply, that before pro-
ceeding with the original scheme the
feasibility of this should be carefully
considered.

+ Yedapalli valley

But if the present source of
supply, as proposed in the sanctioned
scheme be retained, the Board
considers it very desirable if not
imperative to deal with the following
sources of pollution as a portion
of the scheme in the manner indicated.

i. The drainage of the village of yedapalli must be diverted from the streams which feed the channel at its head. The upper portion of spring heads of these streams are used by the people for drinking & washing; it is necessary that these should be fenced and enclosed ^{for} a considerable distance down the valley and a breadth of land say 100 yards on either side of the spring heads & upper portion of the stream purchased so as to preclude approach to the stream.

ii. The channel where it passes through the Bleak House Tea or Estates must be piped. This can be done with stoneware pipes.

iii. The Board also considers it desirable that the stream flowing from Elk Hill House above the tea estates of Bleak House should not be used as a portion of the supply. The lower portion of these streams also pass ~~in~~ through

the

the tea estates. In order to compensate for this reduction the Board advises the construction of a new channel above Elk Hill House.

iv. The Board considers it desirable that Badaga cultivation should be stopped on all streams & on the hills draining towards the Municipal channel - and that Government will be well advised to reserve as much land along the course of the channel itself as is possible in order to prevent any further extension of chincona cultivation.

(2) These works will add considerably to the cost of the scheme the estimate for which may, owing to the date it was presented (1891) require other revision. The Board requests that under the altered circumstances Government will be again pleased to consider whether a grant may not be

be made and thus allow what is
really a very pressing work to
be carried out in as perfect a
manner as possible.

(True Extract)

Alfred

Joint Secretary, San'y B^d.

(Eng'g. Deptt.)

litb

1792
The Joint Secretary
of the
San'y B^d.
Eng'g. Deptt.
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The Joint Secretary
of the
San'y B^d.
Eng'g. Deptt.
1792
The Joint Secretary
of the
San'y B^d.
Eng'g. Deptt.

Closure to letter No. 2538 of 1895

1895

From

The Joint Secretary,
Sanitary Board,
Engineering Branch

No 2537

Dated 5th September 1895

Subject

Proceedings of the
Sanitary Board on the
Water Supply Scheme
of Coonoor.

(with reference)

S. E. 6-9-95-1,000,

GOVERNMENT OF MADRAS.

No. 2789

OFFICE OF SANITARY ENGINEER,

Fort St. George, 26 Sept 1895.

From

J. A. JONES, Esq., MEM. INST. C.E., F.R.S.E.,

Joint Secretary,

SANITARY ENGINEER TO GOVERNMENT,

Sanitary Board (Engineering Deptt)

To

The Chief Secretary to Government,
Local & Municipal Department

SIR,

I have the honor to acknowledge receipt of your memo of 18th September 1895, No 1333, and am directed to say that the Sanitary Board after full consideration thought it desirable in its resolution No 2537 of 5th September 1895 to recommend to Government that a complete scheme of water supply for Coonoor as set forth in that resolution ought to be carried out.

2. The Board does not recommend to Government the adoption of any temporary measures such as are referred to in the papers

accompanying

accompanying G.O. dated 29th March 1895, No. 5694, Lris, Local & Municipal, and therefore did not accompany its resolution with a plan as called for in that G.O. which contemplated a plan showing the positions of the temporary improvements recommended.

3. The Board regrets that there is no plan available showing completely the site of its recommendation included in its resolution No. 3537 of 5th September 1895, but it herewith forward a map obtained on loan from the Council of Coonoor which shows the existing Municipal Channel in blue - the portion recommended to be piped being marked by a blue and red line thus  the new channel referred to in para 2 (iii) thus  and the line of the new channel proposed to be investigated (para 1 of the resolution) thus 

The blue cross shows the proposed reservoir site in either scheme (para 1 or para 2).

4. The map does not include the village of Yedapalle.

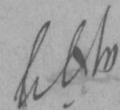
5. Until the Board's proposals & recommendations have been considered by Government, the Board considers it unnecessary to report on proposals which the Board cannot recommend unless Government decide that it is perfectly impossible to carry out one of the schemes the Board has recommended & advised Government to carry out.

I have the honor to be,
Sir,

Your most obed^t serv^t



Joint Secretary
Sanitary Bd (Engg. Dept)



Mem. no 1333/95 7c

2961 M

1895

From
The Sanitary Engineer
to Government

To
The Chief Secretary
to Government
Local & Municipal Dept.

No. 2789

Dated 26
Sept 26 } September 1895
Received 30 SEP 95

Enc - 1 map - given to
Sd/- 4/2/97
Subject

Stating the desirability of recommending to Govt that a complete scheme of water supply for Coonoor as set forth in its resolution No. 2537 of 5 September 1895 ought to be carried out.

Sp. Am. 10.

500 5-95

Len

DEPARTMENT.

C. No. 5

2789. - 2961 M.

FOR ORDERS.

Coonoor is a flourishing little place & certain to increase in size & prosperity on the completion of the railway. In the meantime, it should exhibit houses in order to as to have no avoidable blemish with reputation as a sanatorium. It would well have afforded to carry out a water supply scheme costing Rs 80,000 from its own resources, but if the scheme is to cost more than that, it is not unreasonable that Govt. should help. How much help Govt. should give cannot be decided until we know what the improved scheme will cost. What has now to be done is to ask the Council to sanction Rs 1000 for the further investigation considered necessary & to issue instructions in the R.D. for the reservation of the land, the drainage of which is from the source of the water supply. If Coonoor cannot afford the Rs 1000 out of its budget, I should see no objection to Govt. advancing the money for the present, pending a final decision as to what should be done.

31/10/95
2/11/95

I concur - but is it not a little premature to get the R.D. to move, till we decide wh. scheme is to be adopted?

What the R.D. has to do is

Please send order in go. 569. M. 29.3.95

to check the first current is a reply.

The present sources of water supply are the Goda palle, Vannarpet, & Ootapadi channels, of which the first is the most important. (Please see p. 2. & 3. of go. 800 M. 6.5.95)

The San. Engr's original scheme (Please see go. 2199 M. 11.12.91) was to make the Goda palle Channel the only source of supply & merely to collect this in a settling reservoir (costing Rs 23,000) & distribute it at once. He said analysis showed that the water was fair brown water & "usable" & did not propose filtering on the score of expense.

The total cost of the scheme was Rs 80,000, and as the imposition of the water tax at the maximum rate would just bring in enough to pay

for the loan of this from Govt.,
no grant from Govt. was proposed
to be made.

The adoption of the scheme was
passed upon the Council in G.O.

6.7.94
made in his notes of the inspection
made in Oct 1894 (G.O. 200.11
6.5.94).

The San. Commr. pointed out that
the Goddapple channel was polluted
in some spots & ought to be piped.

The Council was however unwilling,
(Please see resolution in G.O. 509.11
29.3.95) to
impose the water-tax at any higher
rate than 1 percent, which is only
paid for a loan of Rs. 25,000, & in
that G.O. the San. Board was
therefore asked what were the most
urgently needed reforms & the cost of them.
The first answer is the reply.

2. The Board says it cannot
recommend any partial improvements,
& requests that Govt. with ^{provisional} grant
part of the cost of any scheme that
may be eventually approved from
Provincial, so that it may be
possible to carry out a really satisfactory
scheme.

The Board points out that even Mr.
Jones's original Rs. 80,000. scheme
requires several expensive improvements.

FOR ORDERS.

HON'BLE MEMBER.

to stop for the present
all alienation of the
land in certain localities.
This will do anyone any
harm. Fortunately these
particular lands are found
not to be required to be
reserved for the benefit
of the water supply scheme,
the order prohibiting their
alienation will then be
withdrawn, & they will again
be available for sale or
sale - The worst that
can happen to intending
applicants for them is that
they may have to wait a
few months - I mean in the
event of its being ultimately
decided that the lands need
not be reserved. On the
other hand, if it is found ne-
cessary permanently to reserve
these lands it will be an
advantage to have had the order
issued as soon as
possible

very well
16 Nov
14/11/95

[G.O.
25.
50. 5-95.]

DEPARTMENT.

C. No.

FOR ORDERS.

to render the water carried by it safe,
such as diversion of certain of the
streams now running into the channel,
filing of the channel at certain spots,
or stopping of cultivation above it. (Please
see para. 1. of the proceedings.)

3. The Board also says it has
investigated the possible sources of
supply & thinks that a channel
running along the South side of the
valley of which runs the old Kragin
road would make a good supply, &
it recommends that before the im-
provements to the Goddapple channel
already referred to are ordered to be
carried out Rs. 1000. may be sanctioned
for investigations to see whether this
channel could come that way, &
what water it would yield.

4. The Questions for decision are

Under these circumstances

therefore whether Govt. will make
a grant from Provincial funds for
the scheme. ^{might perhaps} Govt. can do so either
on the condition that the Council
levy water rate at the maximum, or
if the Council will
agree even to this, Govt. may
now decide to ^{compel the} levy of the water rate
at the maximum & to grant the
remainder of the funds required for
the scheme.

It is submitted that it will be
difficult, in face of the San. Board's
strong expression of opinion, to order
the adoption of the partial improvement.
If Govt. aid be granted, the
investigation of the channel above
referred to may be ordered.

M. W. G. 28/10/95

Coonoor

Water supply

FOR ORDERS.

2961h

HON'BLE MEMBER. & Circ.

Resubmitted to H.M. with reference
to H.E. the Governor's remarks dated
6.11.95

WWT
8/11/95

DO
11/11/95

Resubmitted to H.E. the Governor
with reference to H.M.'s note of
14.11.95

WWT
15/11/95

DO
15/11/95

DEPARTMENT.

Papers to be read in proceedings:—

Again G.O., dated 29th March 1895, No. 569 M

Again G.O., dated 189 , No.

Current No. 2789 M of 1895, dated 5th Sep., from San. Engineer

" " 2961 M " 1895, " 26th Sep, "

" " " 189 , " , "

ORDER.

No 1935 mms. 22-11-95

The Sanitary Board having been
asked to report on the scheme
for providing Coonoor with an
improved water supply proposed
by the Sanitary Engineer, now
state that that scheme is
undesirable, unless it is considerably
extended, at a greatly enhanced
cost, & suggest an alternative
scheme, for which they ask
for Rs 1000 ^{in new} to making a preliminary
investigation & ^{preliminary} survey, ^{prior} to drawing up a
definite scheme & estimate.
Chairman will therefore move the motion
2. The Municipal Council with therefore
be requested to sanction an
allotment of Rs 1000 for this
purpose.

3. The Rev. Dept. will be requested

to issue instructions for the reservation
for the present at any rate
of the land, the drainage of which

likely to
is to form the source of the proposed
water supply.

(from orders)

WSD
19/11/95
21/11/95

Coonoor Water Supply.

FROM ORDERS.

C. S.

1935

To, The Chairman M.C. Coonoor
Thro' the Colr. of Nilgiris
" Sanitary Hd. H.S.O.
" Res. Dept. H.S.O.
22/11

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.

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IN ORIGINAL.

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