

[L. & M.]
[9,000-5-5-90.]

Local & Munl. (1895) Department.

MISCELLANEOUS.

G.O., No. 1390 m

DATED 24th August 1895

[Despatch Abstract.]

Intercepting Sewer.

Passing orders regarding improvements to the main-----of the
the Ootacamund Municipality.

BACK PAPERS.

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

FURTHER PAPERS.

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

Government of Madras.

Sanitary Board office.

At meetings of the Sanitary Board held at Cochin on the 17th & 18th June 1895.

Present.

The Hon'ble Col. J. Benning, R.E., President,
Surgeon Lt. Col. M. G. King, M.B., C.M., D.P.H.,
Sanitary Commissioner,
J. A. Jones Esq., Mem. Dist. C.E., F.R.S.E.,
Sanitary Engineer.

Y Read G.O. dated 26th June 1895 No 1028 et al.
Local and Municipal, referring to the Board
correspondence & reports regarding the Cochin
sewer.

Resolved that Government be informed,
that the Committee inspected the sewer and find
that the condition of the sewer is due to its having
been blocked in several places & then broken to
admit of the water flowing away; that the
sewer was properly designed, but incorrectly
laid, which is the cause of the blockage. The
Board, having carefully considered the whole
question in relation to this sewer find that any
proposals regarding it should be made in
connection with the resolution of the Board declaring
that the upper Lake should be filled up and
advise Government as follows:-

CR 2132 M.
1257/100
3-8-95

2
(1) That the sewage should still continue to be carried in a pipe sewer but of a size of 12" diameter instead of 9" at present and that such sewer be provided with approved manholes, junction inlets & outlets and flushing apparatus; that a silt interceptor be placed at its upper end and a sludge interceptor at the lower between it and its junction with the iron pipe sewer under the lake at the Metchukong mump; that by carrying the new sewer with one gradient to this point, the gradient of the sewer will be increased and be much more effective.

(2) That the existing stream be realigned and a brickwork or concrete channel provided for it; that it be carried through the willow bund as will be necessary when the upper lake is filled up and discharged into the deepest portion of the lake available just below the bund; that proper approaches be provided across this channel to the Bank & that the channel be provided with a silt interceptor above its junction with the lake.

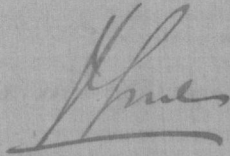
(3) That this improvement should be considered as only preparatory to constructing the Metchukong drainage and revising the whole Bazaar drainage and making it a pipe system instead of an open system as at present and this, it is believed, the Municipality have agreed to carry out.

(4) That the level of the Lake be permanently lowered by 2 feet, the Calingulak at Lockend being cut down to this extent; the Board anticipate that much improvement in the drainage and dryness of the subsoil would be secured by this measure which the Board consider a most important one.

(5) That, as the Board are informed that when the valve

valve at the end of the iron pipe sewer at Lockend is closed and the iron pipe is under pressure, air bubbles appear; it is evident that the iron sewer leaks; the Chairman be desired to pass orders that the valve referred to is never closed. The examination of the pipe would entail lowering the lake to a great extent, but the Board do not consider that this need be undertaken at present if the above orders are issued and attended to. Should it, however, be seen that the leak increases and lake water enters the pipe, the Chairman should be instructed to lower the lake and make the examination and the repairs needful, Government and the Sanitary Engineer being informed before this work is done.

(6) That it will be necessary to place an Engineer on special duty to prepare the designs and estimates for filling the lake & for the sewer and for superintending the construction of the works referred to.


Joint Secretary,
Sanitary Board.

S 206

4

Enclosure to letter No. 7 of 1895
64

Meeting of the Sanitary Board
held at Cotacamund on 17th & 18th June '95

Resolution of the Sanitary
Board regarding the Cotacamund
Sewer.

1/2084 17/6/95

S. E. 19-3-95-1,000.

No. 7
64

GOVERNMENT OF MADRAS.

Board
OFFICE OF SANITARY ENGINEER,
Cotacamund
Fort St. George, 27th June 1895.

From

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

To

~~SANITARY ENGINEER TO GOVERNMENT,~~
Joint Secretary to the Sanitary Board,

The Chief Secretary to Government,

Local and Municipal Department

SIR,

I have the honor to submit a
resolution of the Sanitary Board in reference
to the improvements to the Cotacamund
Intercepting Sewer.

I have the honor to be,

Sir,

Your most obedient servant,

[Signature]

Joint Secretary to the
Sanitary Board.

1028 A. H. 16-6-95
1234/95

Local Municipal Dept.
Current No. 2087 M

From

The Joint Secretary
to the Sanitary Board.

To

The Chief Secretary
to Government
Local & Municipal Dept.

No. 3/64

Dated 27th June
Despatch 1st July
Recd

Enc. 1

Subject

Submitting a resolution
of the Sanitary Board in reference
to the improvements to the Cotacambid
main intercepting sewer.

2087

LOCAL AND MUNICIPAL DEPARTMENT.

Current No. 2087 M

From the Sanitary Board.

I approve of the San. Bd's
proposals, but, as the C.S.
says, the C.E. should reply
to G.O. 739 M
11.6.94
distinctly who is responsible
for the bad work done

BS
13/8/95

Apparently nothing has been
done on my note of 15/5/95
in C No. 1530 M.

Submitted that action has been
taken. The D.P.D. were written to &
have replied. The papers were not
put up as they do not deal with the question
of the intercepting sewer.

11.8.95

FOR ORDERS.

In para. 23. of his administrative
report for 1892-93 the C.M.C. Dty
said that the re-alignment of the
main intercepting sewer had been
completed but didn't seem a success.
In the G.O. thereon - No. 1283 M.
23.9.93

Govt. said (para 4). that the pipe
seemed too small, & drew the attention
of the San. Engr. to the matter.
The San. Engr. replied, vide his
letter in G.O. 1601 M.
22.11.93 that the
pipe was big enough, but that it
was not laid at a sufficiently steep
gradient. This letter was recorded.

2. Later, in consequence of a
conversation that Mr. Hammett had
with him the Chief Engineer was

asked (Go. 129. a. M.) to report upon the sewer, to state what should be done to it, & to fix if possible the responsibility for the waste of public money which seemed to have occurred over it. Several reminders were sent to the Chief Engineer asking for a reply to his request, but none has been received to date. He probably considers that the present current is a sufficient reply.

3. In current No. 2743. M. the

Sanitary Engineer reported on the question of rectifying the defects in the sewer, & this was referred to the Chief Engineer for remarks with sub.

1294
13.11.94
No reply has yet been received to this sub. It is probable that the C.E. again thinks that the present current is enough answer.

4. The Sanitary Board, in accordance with Go. 1028. a. M. has

now considered the whole question, & the current contains its opinion.

5. It seems clear that the Council will require help from Provincial Funds if it is to carry out the recommendations of the Board. Orders have already been passed calling upon the D.P.W. to

* The sub. sent the paper in original. Application for its return was made, but it appears to have been handed to Mr. Jones again. As Mr. Jones was on the Board which made the present suggestions, the file has not been further delayed on account of this paper.

a in modification of the order on the papers about the Upper Lake, above referred to.

9
submit estimates for filling in the Upper Lake with clean material & draining the part filled in. If Hon. Mem.

consider that a Provincial grant may be made to the Council to assist it to remedy the defects in the sewer, the D.P.W. may be asked to arrange for a special officer to be put on to prepare the designs & estimate both for filling up the Lake & for the sewer & for superintending the execution of both works, as requested in recommendation No. 6 of the San. Board in the current.

The Board's opinion upon the question of closing the valve at the end of the iron pipe sewer near Lachend may at once be communicated to the Chairman for necessary action.

(6. It is much regretted that this paper has been so long delayed. The undersigned having been away did not know that it was expected, & the office explain that they kept it in the expectation that another current containing the Council's resolution upon the matter which most

most of the necessary references
were put up, would soon be
returned from City. This paper
was, however, for reasons that
cannot now be discovered, retained
in City without orders, until the
official order of print.)

Read in
offices on
11.6.94
11.6.94
The Chief Engineer has
approved his wishes to the
Board of the Sanitary
Board so that it be presumed
that he assents to what is contained
the difficulties which arise as regards
the drainage to which the Board's
refer appears to be the result of
irregular and bad work for which
some one ought to submit he knew
to be so. The Board's do not
deal with this point. I submit
that the C.E. should reply to G.
No 739 in a paper the responsibility
for the works of public sewerage which
has been occasioned.

The proposal to as a temporary
measure run the drain into
the lower and deeper part
of the lake seems a change one
but I suppose that it cannot
be avoided as the drainage
must go somewhere or the
other pending arrangements
to take it clear out of the
town

2/8/95.

Intercepting Sewer - Note examined
2087 m.
FOR ORDERS.

Not the drain, but the existing
stream

G
2
8-7-95

DEPARTMENT.

C. No.

Note for H.M.

FOR ORDERS.

I have already passed
orders - Para 5 of the note
sets out certain proposals of
the San. Bd. I have noted that
approval of the San. Bd. proposals
I don't see what more is wanted.
My remark covered the whole ground.

It is respectfully suggested that order
should be passed now upon the question
raised in para. 5. of the note for order
within.

As is there noted, the Sanitary Bd.
in its present proceedings asks that
a special officer from the D.P.W. should
be appointed to estimate for carrying out not
only the improvements to the sewer
now proposed, but also the filling in,
draining when filled in, of the Upper
Lake. The order on the Upper
Lake papers merely told the D.P.W. to
have estimates for the San. Board's
proposals drawn up. If the present
request of the Board is to be complied
with, that order will require modification.

The issue of an order that a
D.P.W. officer should be selected to
draw up estimates of the cost of these works, & to
carry them out, will indirectly give

it to be understood that Govt. regards both works as essential to the health of Ootacamund, & is prepared to provide the Council with financial help from Provincial in carrying them out. But at present no promise in the matter has been made in notes by H.M., & orders on the point are solicited.

The issue of orders on the above matters will not prevent the Chief Engineer from being called upon to explain who is responsible for the bad work previously done in laying the sewer, & orders upon this may be passed separately. (The San. Board says the bad work occurred in laying the sewer, & that the design was not faulty. The sewer was, it is believed, laid by the Municipal Engineer who has since been dispensed with, so in all probability it will not be possible to punish anyone for the failure that has occurred.)

W.C. 16-5-95

17/8/95

Ootacamund

Intercepting

Sewer. -

Resubmitted with note

FOR ORDERS.

Of course and will have to begin at first - But there's no need to say so until we get a complete scheme. H.M.

Very likely - Still let us have a report H.M.
20/8/95

[G.]
[24.]
600-8395.

Papers to be read in proceedings:-

L.M.

DEPARTMENT.

Again G.O., dated 26th June 1895, No. 1028. A.M.

Again G.O., dated 189 , No.

Current No. 2087.M of 1895, dated 27.6. from Sanitary Board.

Current No. of 189 , dated from

ORDER. 24/8/95 No. 1390

The recommendations of the Sanitary Board numbered ①, ②, ④ & ⑥ in its proceedings read above are approved.
2. In modification of G.O. dated 3rd August 95 No. 1257 in the O.P.D. will be requested to depute an officer of that Dept. to draw up estimates both for filling in the upper lake & draining the portion filled in, & for carrying out the present suggestions to remedy the defects in the intercepting sewer. The services of this officer should also be made available for carrying out both the above improvements.

3. The Chairman Municipal Council Ootacamund will be requested to report, with reference to recommendation (3), the steps that the Council propose to take to drain Muthucherry, & to alter the bazaar drainage from

Office. Fill in here the number & date of the recent G.O. on the San. Board's proposals to fill in the upper lake. H.M.

is an open to a pipe system.

4. The Sanitary Board's recommendation (5) will be referred to the Chairman Ootacamund Munt. Council for information & guidance.

~~W.S. 8.95~~ (from order)

5. The Chief Engineer, D.P.W. will be requested to reply to para. 2 of G.O. dated 11.6.94. No 739 M asking him to report ^{who} ~~upon whom~~ ^{is} ~~the~~ responsibility for the incorrect laying of the intercepting sewer.

W.S. 8.95 (from order)

- To San. Board. D.O. 22/8/95
- D.P.W.
- C.M.C. Ootacamund.

Dupl. 2/9/95

14 Intercepting Sewer
Ootacamund -

CS. (from order)

1390

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 DIITTO.

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

N.B. -
A = Copy in full.
B = Not to be copied.
P = Copy abstract only.
Q = Copy heading only.