

# Local & Munl. (1895) Department.

MISCELLANEOUS.

G.O., No. 291/n

DATED 26<sup>th</sup> February 1895

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[Despatch Abstract.]

Sewage Farm.

Requesting the Sanitary Board to prepare, in consultation with the Municipal Council, Tanjore, an estimate of the probable cost of effecting the required improvements to the Tanjore---and submit the same to Government at an early date.

# BACK PAPERS.

| G.O. | No. | Department. | Date. | G.O. | No. | Department. | Date. |
|------|-----|-------------|-------|------|-----|-------------|-------|
|      |     |             |       |      |     |             |       |

# FURTHER PAPERS.

| G.O.          | No. | Department. | Date. | G.O. | No. | Department. | Date. |
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| Cm: 1533 8/95 |     |             |       |      |     |             |       |

N<sup>o</sup> 259

Office of Sanitary Commissioner  
Fort St. George 8<sup>th</sup> February 1895

From

Surgeon Lieut. Col. W. G. King M.B. Ch.D. P.H.

Ag. Sanitary Commissioner

To

CURRENT NO.

The Chief Secretary

to Government

Local & Municipal Deptt.

Sir,

Encl<sup>d</sup> 1st

With reference to G.O. dated 26<sup>th</sup> October 1894, No 2189 Z, Local and Municipal and Reminder N<sup>o</sup> 100 dated 30 Jan<sup>y</sup> 1895, I have the honor to state that my reply has been delayed owing to the non-receipt of information from the Chinnai Municipal Council, Tanjore, as to how far action had been taken by him in regard to the resolution of the Council that my suggestion conveyed in para 4 of the marginally noted Report "Will be attended to." Having asked me to wait for final answer till the Budget for next year shall be settled, he has (6<sup>th</sup> inst<sup>t</sup>) at length informed me that the Council mean to take no action on account of paucity of funds.

Inspection Notes  
on Tanjore  
(G.O. dated 15-8-94  
N<sup>o</sup> 1096 M.)

2. With regard to the nature of action that I consider is requisite on sanitary grounds, have the honor to quote the subjoined extract from my report on the Municipality of Tanjore above referred to. This report shows that whilst it is quite true a certain amount of sewage is employed for farming, not a drop more than is necessary to satisfy the requirements of growth is so used by the contractor, and that the surplus is allowed to run where it lists. I need hardly say that a sine qua non in sewage farming is that the whole of the sewage brought to the vicinity shall be utilized on the spot, or, if any effluent occur, it shall be in a purified state as a result of its subjection to the nitrifying powers of the soil placed under certain appropriate conditions.

"7 Sewerage. A considerable part of Tanjore possesses small side drains, made in the days of the last Rajah, for receipt of sewage. These have lately been cemented, and have had their shape improved. They are

"are sufficiently impervious to carry off a fair amount of sewage. This is directed to a sewage farm, which is formed in the old Fort ditch. I understand that the profit from this undertaking is considerable, but it is probable more can be secured by judicious management. On the expiry of the present contract, I would advise the Municipality not to allow the disposal of the sewage to be in the hands of a contractor. They might well arrange that the produce be contracted for, but the actual work of cultivation should be at their own direction. The object of a sewage farm is not simply to use a certain amount of the sewage for cultivation purposes, but to subject the whole to the purifying influence of vegetation and soil, so as to prevent insanitary results elsewhere. All arrangements should, therefore, be made subservient to these conditions. Thus, if the land at present at disposal cannot absorb the total sewage brought to it, more land should be secured for the purpose. Thus, in the eastern portion of the farm it

it is evident that very little of the  
"sewage is employed during the  
"cold weather months. In the Western  
"portion more is utilized steadily.  
"but even here overflow is allowed  
"to occur. Whilst, undoubtedly,  
"the Council is to be congratulated  
"in being in a <sup>other</sup> advance of <sup>the</sup> <sup>most</sup>  
"fossil towns as to sewage disposal,  
"the site they have selected for the  
"process cannot be said to be suita-  
"ble, namely, the Fort ditch, which  
"surrounds and is below the level  
"of the town. Luckily, the farms are  
"on the correct sides as to probable  
"flow of subsoil water, otherwise  
"marked effect upon the health  
"of the inhabitants might have re-  
"sulted. The town is admirably  
"situated for sewage farming, as there  
"is a steady slope from it towards the  
"surrounding country, which is under  
"cultivation. If, therefore, the Council  
"were to suspend farming in the  
"ditch, they could easily run their  
"sewage by gravitation to the large  
"cultivable areas in the vicinity.  
"Opposite the western ramparts  
"there is much typical ground for  
"disposal. A carefully laid out farm  
in

"in this direction would prove a  
"sanitary and financial success.  
"with the grass raised the munici-  
"pality might supply their own  
"cattle, which would be cheaper  
"method than arranging for con-  
"servancy on contract as at present.

I would respectfully advise  
that the Resolution of the Council  
not to deal with this matter on  
account of the paucity of funds  
at their disposal be not permitted,  
unless it be shown by careful  
estimate that the expenditure  
contemplated would be prohibitive.  
On the scheme it would be possible  
to spend a sum that is trivial  
or an enormous amount, accord-  
ing to the completeness or refine-  
ments employed; but I consider  
that for all practical purposes,  
the required improvement could  
be made by judiciously applied  
measures, at a very small cost.

I have the honor to be, Sir,  
Your most obedt Servant  
W. H. Smith

Surtn. Lieut. Col.  
Ag Sanitary Commissioner, Madras

Local and Municipal Dept

PR

From  
Surgeon Major: W. J. King  
M.B., C.M., D.H.  
As Sanitary Commissioner  
for Madras

ad  
vice

Order

1895-96 27/2/96

The Sanitary Commissioner  
will be requested to prepare in consultation  
with the Municipal Council, an estimate  
of the probable cost of effecting the required  
improvements to the sewage farm, and  
submit it to Government at an early date.

1895  
15/2/96

M. S. S. S.

Note

In last year's Sanitary report Dr. King said that the  
Tanjore sewage farm "required revision from a  
sanitary point of view". The G.O. noticed this, and  
India picked it out, and asked that improvements might  
be carried out. Dr. King was then asked what it  
was that wanted revising from a sanitary point of  
view. From this letter it appears that the existing  
farm cannot take all the sewage that is required, &  
that practically a new farm in a new place will  
be wanted. Dr. King says this can be done at a  
"very small cost". So he has been asked for an  
estimate. It can be seen, on receipt of the  
estimate, whether the Council can reasonably be asked to  
carry it out.

To,

The Sanitary Commissioner.  
"Chavutlan, M.C. Tanjore, 1895  
thru' the collector."

Copy 28/2/96

13/2. A15/2

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189

READ AGAIN G.O., No.  
189

DATED

CURRENT No.

ENCLOSURES TO G. No.

ORDER OF GOVERNMENT

LETTER OF GOVERNMENT

STATEMENT WITH DITTO

PAGES NOT FILED UP, BEING MEANT FOR DESPATCH  
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N.B.-

A = Copy in full.  
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The Chief Secretary  
to Government  
Local & Municipal Dept

No. 259  
5

Encls: nil

Sent 8  
Recd 9  
Feb 1895

Subject

Advicing that the resolution of  
Tanjore M.C. Council for not  
carrying out the suggested improve-  
ment to sewage farm on account of  
paucity of funds be not permitted  
& informing that for practical  
purposes the required improve-  
ment could be made by  
judiciously applied measures  
at a very small cost

1/10/95