

Local & Munl. (1895) Department.

PRINTED.

G.O., No. 1086/m

DATED 10th July 1895

[Despatch Abstract.]

Inspection Notes.

Recording, with remarks, Deputy Sanitary Commissioner's
--- on the Mannargudi Municipality.

READ AGAIN ORDER OF GOVERNMENT, DATED
19, No.

BACK PAPER, No.

OF 16

FURTHER PAPER, No.

OF 16

ENCLOSURES

CURRENT No. 1778-m. (in type) A-

STATEMENT WITH DITTO

ORDER, &c., OF GOVERNMENT - A.

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10TH JULY 1895, No. 1086 M., LOCAL AND MUNICIPAL.

GOVERNMENT OF MADRAS.

LOCAL AND MUNICIPAL DEPARTMENT.

READ—the following paper:—

From M.R.Ry. M. R. SRINIVASA RAO Avargal, Chairman, Municipal Council, Mannárgudi, to the Chief Secretary to Government (through the Collector of Tanjore), dated 10th May 1895, No. 82.

I have the honour to enclose my replies to the Inspection notes of the Deputy Sanitary Commissioner and Inspector of Vaccination.

ENCLOSURE.

INSPECTION Notes of the Inspector of Vaccination and Deputy Sanitary Commissioner.

TANJORE DISTRICT.

MANNÁRGUDI MUNICIPALITY.

Inspected 17th November 1894.

Population per census of 1891	Males	..	..	..	..	9,706
	Females	..	..	..	..	10,689
Total ..						20,395

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Chairman's Remarks.

The town is well situated on sandy soil, and is intersected with well-kept, wide streets permitting of good wind perflation.

2. *Drainage.*—There are no drains in the town, and the only sewage removal achieved is by the emptying of 112 cesspools daily by municipal agency. The council should see that all cesspools are properly constructed so as to be water-tight, and that they are all regularly emptied. At present from neglect of these simple precautions much soil contamination occurs. There are some depressions in the ground into which surface water flows which should be filled up and drained.

3. *Conservancy.*—There are 106 dust-bins of various patterns, masonry, iron and wood. This number is obviously not enough and more iron bins should be procured. The rubbish is removed in ten carts to two depôts. I examined the south depôt, which was in good order, but the rubbish was not covered with earth. In

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Provision will be made in the next year's budget for the purchase of more dust-bins. As the rubbish collected is not the property of the council it may as well be left to the contractor, who is the owner, to take such measures as he thinks proper. House refuse referred to has been removed.

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Latrines.—There are only three latrines in the town, and these so badly situated as to be little resorted to. The sites chosen by Surgeon-Major Dymott and the District Medical and Sanitary Officer are in the heart of the town, in crowded localities and are therefore admirably suited for the purpose; so I hope the council will at once acquire them and erect standard-plan latrines.

Private Scavenging.—Only 70 houses are served by the municipality and 30 are said to be cleaned privately. This is a very small proportion to the number of houses assessed and the service must be capable of ready extension, and I believe that the council have already taken means to this end. The night-soil carts number three, the same as last year, and should be increased.

4. *Water-supply.*—Principally from the river Pamaniyār and the tanks filled by a channel from the Vadavār. Both sources are liable to gross pollution and the council has, I believe, resolved to sink some Norton's tube-wells as an experimental measure. Good water ought to be obtainable by this means along the banks of the river above the town. If so, by sinking a sufficient number of tubes and connecting them together so that one steam pump may act on them all, a cheap supply of water will be obtained.

The big tank at the entrance of the town has not been filled for two years, as some mirasidar insists on using the water for cultivation. The tunnel at the end of the supply-channel is therefore in a horrible condition and gives off a disgusting odour. This should be cleaned out before water is again admitted. The channel comes from the Gajandramoteham tank, which has ruinous sides down which the surface drainage courses. The ground here is much polluted with faecal matter, as well as the bank of the supply-channel.

In Krishna tirtam washing was going on unchecked; the temple authorities to whom this belongs should be called upon to protect this drinking-water source.

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A spot has been selected and the Deputy Collector, Mannārgudi, has been appointed to acquire the spot and a standard-plan latrine will be constructed as soon as possible.

It is engaging the earnest attention of the council and I hope in course of time there will be a satisfactory progress.

The Government has been pleased to sanction the purchase of Norton's tube-well driving apparatus and steps also have been taken to commence the works as early as possible. If success attends this undertaking the present condemned mode of water-supply need no longer be resorted to, and the council will be doing good to the public. As to Haridranadi, I have stated in my reply to the last inspection notes, it is a private tank and the council have no control over it. As I have said there, unless the tank is acquired by the council there is no use of considering about it. No doubt if it is kept under the control of the council any step taken towards its keeping in a useful condition will be advisable. Gajandramoteham is also a private tank. So is Krishna tirtam. Notice will be given to the temple authorities to protect it.

Inspection Notes.

5. *Markets.*—The fish and meat market consists of tiled sheds with brick floors placed in a sandy enclosure. Some slight improvements have been made here in the fish stalls, but neither the vendors nor the local medical officer were consulted in the matter, and the result is not satisfactory. Lime and tar have been used instead of cement, and the platforms are placed in the sun and sloped the wrong way; this should be remedied. The meat stalls should be plastered with cement and the sandy space between the sheds paved. There is a good well close by, which, if supplied with a small rotary action pump and cistern, would afford abundant water for flushing both the market and slaughter-house. At present water is got from the Tāmara kolam which is largely fed by street drains. A peon could work the pump and see to the cleanliness of the market generally.

The weekly market is in the same state as last year.

6. *Slaughter-house*—Close to the fish-market; its floor requires repair. It should be plastered with cement, and have egg-shaped drains made to carry off the washings to a cistern. At present there is a sea of ordure outside which cannot conduce to the good qualities of the meat.

7. *Vaccination.*—Lymph is cultivated at a depôt at the hospital; it has evidently degenerated and should be renewed from Tanjore where very powerful lymph is to be had just now. It would be more satisfactory if the whole supply was to be got from the central depôt, where it is being carefully cultivated, than to maintain a small local depôt where degeneration is almost certain to occur. I examined 29 school children and found 17 vaccinated, 5 unprotected and 7 with marks of small-pox. From October 1893 to March 1894 inclusive there were registered 389 births; of these 90 have been vaccinated, 168 have died or left and 131 remain unoperated on. Of these latter 122 have been sent to the magistrate for prosecution. One vaccinator is employed.

Second-class Vaccinator R. Soundara Rajulu Nāyudu, service 9 years, pay Rs. 10. Has one year's service in the municipality. I marked five cases for verification, of which three were successful, one unsuccessful and one absent. All were correctly entered.

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To carry out the suggestion of the Sanitary Commissioner Rs. 600 have been set apart, a watchman has also been appointed.

It is a portion of the meat market and the provision of Rs. 500 referred to in reply to paragraph 5 is for its repair.

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	1890.	1891.	1892.	1893.	1894 up to end of October.
Number vaccinated ..					
" " successfully ..	600	616	713	916	793
" " under one year of age ..	575	610	702	894	761
" verified by Inspecting officer ..	51	142	174	360	470
Births ..	307	298	..	..	..
	565	482	546	824	491

8. *Registration.*—One registrar on Rs. 12. Books very neatly kept in English. The sanitary inspectors give information. The vaccinator complains that some cases cannot be found on account of defective numbering of houses and vague information.

Information is given mostly by the parties. It is where the parties fail the sanitary inspector gives the information and steps are taken against them.

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Cholera ..	110	77	123	149	104
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Fevers ..	53	65	75	111	87
Dysentery and diarrhoea ..	105	102	75	97	113
All other causes ..	228	223	217	354	279
Total ..	561	477	494	742	577
Births ..	289	245	242	364	345
	565	482	546	824	491
	29.1	24.8	26.8	40.4	28.8

FORT ST. GEORGE,
6th December 1894.

(Signed)

W. B. BANNERMAN, M.D., Surgn.-Captn.,
Inspr. of Vaccn. and Dy. San'y. Commr.

No. 12-S.

Forwarded to the Chairman, Municipal Council, Mannargudi, through the Collector.

2. The favour of attention is requested to paragraph 2 of G.O., dated 23rd December 1893, No. 1765 M., Local and Municipal.

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8th January 1895.

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W. G. KING, Surgn.-Lieut.-Col.,
Ag. Sanitary Commr. for Madras.

Endt. on C. No. 21, M1.

Forwarded through the Deputy Collector who will bring his position to bear so as to give effect to proposals and criticism.

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(Signed)

J. THOMSON,
Ag. Collector.

No. 124, Revenue.

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SAIYID KADIR BADSHAH,
Dy. Collector.

28th January 1895.

Endt. on C. No. 1189-Rev.

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(Signed) SAIYID KADIR BADSHAH,
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Endt. on C. No. 403-M1.

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3. The subject of supplying the municipality with vaccine paste from a central depôt at Tanjore has been referred to the council by the district board. It is a system which should be adopted to obviate the defects pointed out in paragraph 7.

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KUMBAKONAM,
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4. The extension of the private scavenging system should have the earnest attention of the council.

5. The delay of over three months in forwarding the inspection notes to Government should have been explained.

(True Extract.)

J. F. PRICE,
Chief Secretary.

To the Chairman, Municipal Council, Mannargudi.
" Collector of Tanjore.
" Sanitary Commissioner.
" Sanitary Engineer.
Editors' Table.

Exd. A. Raith.

Gobt. of {1895} Madras.
LOCAL AND MUNICIPAL.

Issued

Recd.

Encl.

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The Government has been pleased to sanction the purchase of Norton's tube-well driving apparatus and steps also have been taken to commence the works as early as possible. If success attends this undertaking the present condemned mode of water-supply need no longer be resorted to, and the council will be doing good to the public. As to Haridranady, I have stated in my reply to the last inspection notes, it is a private tank and the council have no control over it. As I have said there, unless the tank is acquired by the council there is no use of considering about it. No doubt if it is kept under the control of the council any step taken towards its keeping in a useful condition will be advisable. Gajandramotcham is also a private tank. So is Krishna theertham. Notice will be given to the temple authorities to protect it.

The big tank at the entrance of the town has not been filled for two years, as some mirasidar insists on using the water for cultivation. The tunnel at the end of the supply-channel is therefore in a horrible condition and gives off a disgusting odour. This should be cleaned out before water is again admitted. The channel comes from the Gajandramotcham tank, which has ruinous sides down which the surface drainage courses. The ground here is much polluted with faecal matter, as well as the bank of the supply-channel.

In Krishna theertham washing was going on unchecked; the temple authorities to whom this belongs should be called upon to protect this drinking-water source.

Markets.—The fish and meat market consists of tiled sheds with brick floors placed in a sandy enclosure. Some slight improvements have been made here in the fish stalls, but neither the vendors nor the local medical officer were consulted in the matter, and the result is not

It is the financial difficulty that stands in the way of many of the suggestions of the inspecting officer. However a watchman and a provision of Rs. 500 have been made, sanctioned by the Government for the improvement of the market, and this will be effected during the current year.

Inspection Notes.

Chairman's Remarks.

satisfactory. Lime and tar have been used instead of cement, and the platforms are placed in the sun and sloped the wrong way; this should be remedied. The meat stalls should be plastered with cement and the sandy space between the sheds paved. There is a good well close by, which, if supplied with small rotary action pump and cistern, would afford abundant water for flushing both the market and slaughter-house. At present water is got from the Tamara kolam which is largely fed by street drains. A peon could work the pump and see to the cleanliness of the market generally.

The weekly market is in the same state as last year.

To carry out the suggestion of the Sanitary Commissioner Rs. 600 have been set apart, a watchman has also been appointed.

It is a portion of the meat market and the provision of Rs. 500 referred to in reply to paragraph 5 is for its repair.

6. Slaughter-house.--Close to the fish-market; its floor requires repair. It should be plastered with cement, and have egg-shaped drains made to carry off the washings to a cistern. At present there is a sea of ordure outside which cannot conduce to the good qualities of the meat.

Removed.

7. Vaccination.--Lymph is cultivated at a depôt at the hospital; it has evidently degenerated and should be renewed from Tanjore where very powerful lymph is to be had just now. It would be more satisfactory if the whole supply was to be got from the Central depôt, where it is being carefully cultivated, than to maintain a small local depôt where degeneration is almost certain to occur. I examined 29 school children and found 17 vaccinated, 5 unprotected and 7 with marks of small-pox. From October 1893 to March 1894 inclusive there were registered 389 births; of these 90 have been vaccinated, 168 have died or left and 131 remain unoperated on. Of these latter 122 have been sent to the magistrate for prosecution. One vaccinator is employed.

The proposal of getting lymph from Tanjore depôt was under correspondence between me and the district Collector and it was decided that the lymph may be cultivated here. This I have stated in my reply on the last inspection notes. In order to prevent degeneration of lymph if any method is suggested it will be adhered to.

Second-class Vaccinator R. Soundara Rajulu Naidu, service 9 years, pay Rs. 10. Has one year's service in the municipality. I marked five cases for verification, of which three were successful, one unsuccessful and one absent. All were correctly entered.

File
Re.
De.
Re.
Coun.
Exec.
Engr.
Stat.
Clerk.

Inspection Notes.	Chairman's Remarks.				
	1890.	1891.	1892.	1893.	1894 up to end of October.
Number vaccinated	600	616	713	916	793
" " successfully	575	610	702	894	761
" " under one year of age	51	142	174	360	470
" verified by Inspecting officer	307	228	..	..	..
Births	565	482	546	824	491

8. Registration.—One registrar on (Rs.)
12. Books very neatly kept in English. Information is given mostly by the parties. It is where the parties fail the sanitary inspectors give information. The vaccinator complains that some cases cannot be found on account of defective numbering of houses and vague information and steps are taken against them.

	1890.	1891.	1892.	1893.	1894 up to end of October.
Deaths from—					
Cholera	110	77	123	149	104
Small-pox	65	10	4	31	4
Fevers	53	65	75	111	87
Dysentery and diarrhoea	105	102	75	97	113
All other causes	228	223	217	354	279
Total	561	477	494	742	587
Death-rate	28.9	24.5	24.2	36.4	34.5
Births	565	482	546	824	491
Birth-rate	29.1	24.8	26.8	40.4	28.8

FORT ST. GEORGE, (Signed) W. B. BANNERMAN, M.D., Surgn.-Captn.,
6th December 1894. Insp. of Vaccn. and Dy. Sany. Commr.

No. 12-S.
Forwarded to the Chairman, Municipal Council, Mannargudi, through the Collector.

2. The favour of attention is requested to paragraph 2 of G.O., dated 23rd December 1893, No. 1765 M., Local and Municipal.

FORT ST. GEORGE, (Signed) W. G. KING, Surgn.-Lieut.-Col.,
8th January 1895. Ag. Sanitary Commr. for Madras.

No. 124, Revenue.
Forwarded. (Signed) Saiyid Kadir Badshah.
28th January 1895. Dy. Collector.

Endt. on C. No. 21, MI.
Forwarded through the Deputy Collector who will bring his position to bear so as to give effect to proposals and criticism.
(Signed) J. THOMSON,
10th February 1895. Ag. Collector.

? January
Endt. on C. No. 1189-Rev.
Forwarded.
(Signed) SAIYID KADIR BADSHAH,
21st May 1895. Dy. Collector.

Endt. on C. No. 403-MI.
Forwarded.

2. With regard to the private tanks referred to in paragraph 4, the council can exercise their powers under the Act.

3. The subject of supplying the municipality with vaccine paste from a central depôt at Tanjore has been referred to the council by the district board. It is a system which should be adopted to obviate the defects pointed out in paragraph 7.

KUMBARONAM, (Signed) R. B. CLEGG,
30th May 1895. Ag. Collector.

Office
Please look
to these endorse-
ments and see
if the L. and
the right order
is being sent
they are
intelligible.
8-11.

h
P.S.

Order.
10.7.95 No 1086m
Recorded.

2. The attention of the Municipal Council will be drawn to the Collector's remarks in paragraphs 2 and 3 of his second endorsement read above.

5. The delay of ^{over} three months which ~~occurred~~ in the Municipal office in forwarding the ~~inspecting~~ ^{inspecting} report to Government is ~~unusual~~ ^{unusual} and should have been explained.

P.S.
6/7/95

3. The publish contractor should be required to carry out the suggestion made in paragraph 3 of the inspection notes on sanitary grounds.

4. The extension of the private sewerage system should have the earnest attention of the Council.

C.S.
8/11/95

To
The Chairman, M.C. Mangalore
" Collector of Tanjore
" Sanitary Commissioner
" Sanitary Engineer
Editor's Table.
Dated 29/7/95

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