9-12-1 ✓ f

12-3-14 ✓

L. & M.
2000—10-8-06.

Local & Munl. (1895) Department.

PRINTED.

G.O., No. 799m

DATED 6th May 1895

[Despatch Abstract.]

Inspection Notes.

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

681

Proc 16/5

6TH MAY 1895, No. 799 M., LOCAL AND MUNICIPAL.

GOVERNMENT OF MADRAS.

LOCAL AND MUNICIPAL DEPARTMENT.

READ—the following paper:—

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

TANJORE DISTRICT.

TANJORE MUNICIPALITY.

Inspected 23*rd*, 24*th and* 26*th November* 1894.

Population as per census of 1891 { Males .. .. .. 25,945 / Females .. .. .. 28,445 } Total .. 54,390

Inspection Notes.	Council's Remarks.
The town is well situated on laterite soil and should be capable of easy conservation. There is great overcrowding in the fort, and I would recommend that the additional space acquired by the filling in of the ditch be reserved as an air-space and that no houses be allowed to be built there.	The council resolves to adopt the view of the Sanitary Commissioner.
2. *Roads.*—The roads were in very bad condition owing to the laying of pipes which was proceeding. The smaller streets and lanes were in many cases neglected and foul with streams of sewage.	The Chairman will be requested to ascertain from the Sanitary Commissioner the smaller streets and lanes where such things existed.
3. *Drainage.*—A great deal of surface water is retained in tanks, such as those in the fort ditch. When the water scheme is in working order, these may be gradually filled up, as is being now done in the case of the ditch.	The subject will be again considered some time after the water scheme has begun to work.
4. *Sewerage.*—There are a large number of more or less imperfect drains within the fort. These, if kept well flushed, are of undoubted utility, but at present much of their usefulness is lost owing to faulty construction and absence of flushing. This latter measure would not cost much and should not be postponed till "after water-works are completed" as contemplated by the council (*vide* last year's notes). There are three outlets for the	Provision has been made in the budget for 1895–96 for the entertainment of ten additional drain-cleaners and, as soon as the sanction of the Government is received, flushing system will be introduced.

Inspection Notes.

sewage from the fort, and a large sewage farm yielding a revenue of Rupees 2,000 is maintained *in the ditch*. This is not a suitable situation and, besides, the whole of the sewage is not utilised, some of it passing on into the river.

The Chairman, however, told me that he had prepared plans for a new farm to the west of the town, and that suitable land could be had there. I explained to him the necessity of under-drainage for such a farm; so I trust the town will soon be in possession of the first properly constructed sewage farm in the Presidency. The plans should be submitted to the Sanitary Board before work is begun.

Outside the fort also various drains end improperly, such as that in Chucklers' street which ends in a nalla, and in Otha street where sewage runs out on to the roadway.

5. *Conservancy.*—There are not sufficient dust-bins; only 255 for the large population; more corrugated iron bins should be purchased and placed in those streets where there are none at present.

The rubbish is removed by a contractor, but there are no fixed depôts, which is, I think, a mistake, as accumulations are very apt to take place in neglected corners.

Latrines.—There are only 29 public latrines for the whole town, and they are of the objectionable open-space type, with the exception of one, badly erected, of Horbury's type. No more of these should be allowed, but latrines on the standard plan should be erected in the most crowded localities and not at a distance from houses as at present.

Private Scavenging.—Six hundred and forty-two houses only are served by this agency which is a very small number out of 9,738 [houses] assessed. The numbers served have steadily declined since 1888–89 when 1,026 privies were cleansed daily. This cannot be said to be a good record and the state of backyards affords ample opportunities for prosecution for insanitary premises.

In Otha street, for instance, I examined many premises and found heaps of manure and rubbish and human fœcal matter in most of them.

Council's Remarks.

The suggestion will be adopted when funds are available.

Arrangements will be made in the ensuing year for the diversion of the streams of sewage water referred to.

The number of dust-bins is 291 and not 255. During the year under reference 20 corrugated iron dust-bins were sent for from Massey and Co. This number will be gradually increased from year to year until a sufficient number is reached.

The council has already intimated to the Government that from the beginning of the next year the depôt system will be introduced.

The council resolves to send for four iron latrines every year, till number 54 is reached according to the plan furnished by the Sanitary Board. This year four iron latrines have been ordered from Messrs. Raju and Co.

This year the number of houses served by the private scavengering agency has increased to 710. Prosecutions in some such cases have been instituted already.

Inspection Notes.

6. *Water-supply.*—As the new water-supply from the sub-soil of the river will shortly be in use, it is needless to offer any remarks on the present contaminated water-supply, especially as this matter was very fully reported on last year by the Acting Sanitary Commissioner.

7. *Markets.*—The same want of supervision noted last year is visible now. I would recommend the council to obtain the services of a pensioned havildar of good character, who has been accustomed to exercise authority, and to make him responsible for the cleanliness and order of the market. A new cemented platform for the sale of fish has been made, but no roof, or provision for flushing, has been made. This want should now be supplied.

The meat sheds were, as regards the flooring, in bad repair, as many holes are to be found, and the whole place was thickly strewn with sand. In the passage between these stalls a strong smell of urine was perceptible, due to the practice of allowing beggars to make use of the stalls as sleeping quarters at night! This abominable custom should at once be stopped.

The place where salt fish is sold was very dirty and out of repair; I would recommend that this commodity be removed from its present place and accommodated at the far end of the market, so that the flies which are attracted to it may not attack the meat also.

There is a large vegetable market in the fort also very badly kept. The floors of the sheds are very uneven and dusty. They should be cemented, as well as the walls and pillars. The ground also should be levelled and drained, as water stands here in wet weather.

The open space latrines have not yet been removed, and this should now be done at once. Arrangements should now be made at all these markets for flushing by connections with the new water pipes.

The Jubilee market seems neglected and not much patronised.

8. *Bandy stand.*—The stand near the central market was not well kept. A marshy bit of ground here should be filled and drained.

Council's Remarks.

The suggestion will be adopted at an early date.

Provision for flushing had been made some years ago and was in existence at the time of the Deputy Sanitary Commissioner's inspection.

The sheds were under repair at the time of the inspection.

The council resolves to fix the place of the sale of this commodity outside the market altogether.

Provision has been made in the budget for 1895–96 and after sanction of Government is obtained this will be attended to.

This will be attended to after the iron latrines ordered from Raju and Co. are received.

Will be attended to.

Inspection Notes.

9. *Slaughter house.*—About 100 animals are killed daily. The place is not very suitable, but I believe a new house is about to be erected. There is a suitable bit of ground close by for the formation of a small sewage farm. The dirty cart and baskets in which the meat is removed to the market are most objectionable. A cart with zinc-lined trays and properly ventilated should be used for this purpose and boxes similarly lined for the smaller butchers. This point should be insisted on when issuing licenses.

10. *Vaccination* was made compulsory only last year. An examination of 78 children showed that 6·4 per cent. were unprotected.

The municipality have a depôt of their own; it would appear more economical to abolish this and get lymph from the local fund depôt.

Second-class vaccinator Natesam Pillai. Service 15 years and 5 months. Pay Rs. 10. I marked nineteen cases for verification, of which fourteen were successful, one unsuccessful and four absent. Of these cases two were wrongly entered, one case with six cicatrices being marked as unsuccessful, and a failed case as having six marks! As this man was found to have falsified his register last year also, I would recommend that he be remanded to district work as a punishment.

Second-class vaccinator Madarimuthu Pillai. Service 8 years and 8 months. Pay Rs. 10. I verified three of his cases and found all correct. He is slow, but appears more reliable than the former.

There are 425 prosecutions for failure to vaccinate. The numbers operated on under one year are very small—

—	1889.	1890.	1891.	1892.	1893.	1894 up to 30th November.
Number vaccinated	1,711	1,817	1,374	1,557	2,967	999
" " successfully	1,692	1,680	1,300	1,549	2,876	959
" " under one year	197	246	271	279	437	159
" verified by inspecting officer	Information not available.					
Births	1,187	1,609	1,556	1,385	1,790	1,239

11. *Registration.*—There are one head registrar and three sub-registrars. Notices to vaccinators are given at time of registering births. Books neatly kept in English. Arrangements have now been made with superintendents of burial grounds to give information of all deaths.

Council's Remarks.

The matter is referred to M.R.Ry. S. W. Govinda Rawjee to suggest measures as to how the recommendation of the Sanitary Commissioner may be best carried out, there being no provision in the Municipal Act or in the bye-laws to issue licenses to butchers.

Reference will be made to the President of the District Board on the subject and the matter decided on the receipt of his reply.

The District Surgeon will be requested to nominate a new man to the place.

—	1889.	1890.	1891.	1892.	1893.	1894, up to 31st October.
Deaths from—						
Cholera	185	172	61	202	560	216
Small-pox	62	97	70	15	42	11
Fevers	286	350	338	303	342	179
Dysentery and diarrhœa	280	310	372	451	427	290
All other causes	553	617	756	618	570	464
Total	1,366	1,546	1,597	1,589	1,941	1,160
Death-rate per mille	24·9	28·2	29·1	29·2	35·7	25·6
Births	1,187	1,609	1,556	1,385	1,790	1,239
Birth-rate per mille	21·6	29·4	28·4	25·5	32·9	27·3

FORT ST. GEORGE,
7th December 1894.

(Signed) W. B. BANNERMAN, M.D., Surgn.-Capt.,
Inspr. of Vaccn. and Dy. Sany. Commr.

No. 2241-S.

Forwarded to the Chairman, Municipal Council, Tanjore, 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,
21*st December* 1894.

(Signed) W. G. KING, Surgn.-Lt. Col.,
Ag. Sany. Commr. for Madras.

No. 1034.

Forwarded.

VALLAM,
27*th December* 1894.

(Signed) J. THOMSON,
Acting Collector.

No. 222-Ml.

Forwarded. Copy of the Chairman's letter No. 409, dated 21st March 1895, explaining the extraordinary divergence in vaccination work of 1893 and 1894 is enclosed.

MANNARGUDI,
27*th March* 1895.

(Signed) J. THOMSON,
Acting Collector.

ENCLOSURES.

From M.R.Ry. K. S. SRINIVASA PILLAI Avargal, Chairman, Municipal Council, Tanjore, to the Collector of Tanjore, dated 20th March 1895, No. 409.

Referring to your letter of the 19th instant, No. 222 Ml. of 1895, I have the honour to forward, herewith, copy of a letter from the Assistant Surgeon, Tanjore, No 57, dated 20th instant, who is in charge of the Vaccination department of this municipality, from which it will be seen that the abnormal increase in the figure shown for the year 1893, that is, the official year 1893–94, is due to the compulsory vaccination having been brought into force during the year.

From D. GNANAM PILLAI, Assistant to the District Medical and Sanitary Officer, Tanjore, to the Chairman, Municipal Council, Tanjore, dated 20th March 1895, No. 57.

With reference to your F. N. No. 397, dated 19th March 1895, I have honour to inform you that the abnormal increase in the figure shown for the year 1893 is due to compulsory vaccination having been brought into force from August 1893 and in the increase in the number of vaccine operations for eight months in the official year at a monthly average of 289 instead of 163 cases for the four previous months.

The figure 999 is the total number vaccinated for seven months from April to 31st October 1894 and not up to 30th November 1894.

ORDER—dated 6th May 1895, No. 799 M., Local and Municipal.

Recorded, with the following remarks:—

(1) As the proposal to entertain ten additional drain-cleaners has been disallowed by Government in the budget sanctioned in G.O., dated 8th March 1895, No. 378 M., the municipal council must make other arrangements for keeping the drains in the Fort well flushed.

(2) The increase in the number of houses served by the private scavengering agency is by no means so large as could be desired, and the matter should continue to receive the unremitting attention of the council.

(3) Steps should be taken to put a roof over the platform for the sale of fish and to prevent beggars from using the meat sheds in the market as sleeping quarters. The council should also, if possible, arrange for the sale of salt fish in some unobjectionable place within the market. Their proposal to remove it outside where it will be beyond control cannot be regarded as a satisfactory solution of the difficulty.

(True Extract.)

for *Chief Secretary*.

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

Exd. A. Baitt.

Govt. of {1895} Madras.

LOCAL AND MUNICIPAL.

Issued

Recd. *Encl.*

G.O., 6th May 1895, No. 799 M.

MAY.

Inspection Notes.

Recording, with remarks, the Deputy Sanitary Commissioner's — on the Tanjore Municipality.

GOVERNMENT OF MADRAS.

LOCAL AND MUNICIPAL DEPARTMENT.

READ—the following paper:—

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

TANJORE DISTRICT.

TANJORE MUNICIPALITY.

Inspected 23rd, 24th and 26th November 1894.

Population as per census of 1891	Males	25,945	
	Females	28,445	
	Total ..	54,390	

Inspection Notes.	~~Chairman's~~ Remarks.
The town is well situated on laterite soil and should be capable of easy conservation. There is great overcrowding in the fort, and I would recommend that the additional space acquired by the filling in of the ditch be reserved as an air-space and that no houses be allowed to be built there.	The council resolves to adopt the view of the Sanitary Commissioner.
2. *Roads.*—The roads were in very bad condition owing to the laying of pipes which was proceeding. The smaller streets and lanes were in many cases neglected and foul with streams of sewage.	The Chairman will be requested to ascertain from the Sanitary Commissioner the smaller streets and lanes where such things existed.
3. *Drainage.*—A great deal of surface water is retained in tanks, such as those in the fort ditch. When the water scheme is in working order, these may be gradually filled up, as is being now done in the case of the ditch.	The subject will be again considered same time after the water scheme has begun to work.
4. *Sewerage.*—There are a large number of more or less imperfect drains within the fort. These, if kept well flushed, are of undoubted utility, but at present much of their usefulness is lost owing to faulty construction and absence of flushing. This latter measure would not cost much and should not be postponed till "after water-works are completed" as contemplated by the council (*vide* last year's notes). There are three outlets for the	Provision has been made in the budget for 1895–96 for the entertainment of ten additional drain-cleaners and, as soon as the sanction of the Government is received, flushing system will be introduced.

Inspection Notes.

sewage from the fort, and a large sewage farm yielding a revenue of Rupees 2,000 is maintained *in the ditch*. This is not a suitable situation and, besides, the whole of the sewage is not utilised, some of it passing on into the river.

The Chairman, however, told me that he had prepared plans for a new farm to the west of the town, and that suitable land could be had there. I explained to him the necessity of under-drainage for such a farm; so I trust the town will soon be in possession of the first properly constructed sewage farm in the Presidency. The plans should be submitted to the Sanitary Board before work is begun.

Outside the fort also various drains end improperly, such as that in Chucklers' street which ends in a nala, and in Otha street where sewage runs out on to the roadway.

5. *Conservancy*.—There are not sufficient dust-bins; only 255 for the large population; more corrugated iron bins should be purchased and placed in those streets where there are none at present.

The rubbish is removed by a contractor, but there are no fixed depôts, which is, I think, a mistake, as accumulations are very apt to take place in neglected corners.

Latrines.—There are only 29 public latrines for the whole town, and they are of the objectionable open-space type, with the exception of one, badly erected, of Horbury's type. No more of these should be allowed, but latrines on the standard plan should be erected in the most crowded localities and not at a distance from houses as at present.

Private Scavenging.—Six hundred and forty-two houses only are served by this agency which is a very small number out of 9,738 houses assessed. The numbers served have steadily declined since 1888–89 when 1,026 privies were cleansed daily. This cannot be said to be a good record and the state of backyards affords ample opportunities for prosecution for insanitary premises.

In Otha street, for instance, I examined many premises and found heaps of manure and rubbish and human fœcal matter in most of them.

Chairman's Remarks. / Council's

The suggestion will be adopted when funds are available.

Arrangements will be made in the ensuing year for the diversion of the streams of sewage water referred to.

The number of dust-bins is 291 and not 255. During the year under reference 20 corrugated iron dust-bins were sent for from Massey and Co. This number will be gradually increased from year to year until a sufficient number is reached.

The council has already intimated to the Government that from the beginning of the next year the depôt system will be introduced.

The council resolves to send for four iron latrines every year, till number 54 is reached according to the plan furnished by the Sanitary Board. This year four iron latrines have been ordered from Messrs. Raju and Co.

This year number of houses served by the private scavengering agency has increased to 710. Prosecutions in some such cases have been instituted already.

Inspection Notes.

6. *Water-supply*.—As the new water-supply from the sub-soil of the river will shortly be in use, it is needless to offer any remarks on the present contaminated water-supply, especially as this matter was very fully reported on last year by the Acting Sanitary Commissioner.

7. *Markets*.—The same want of supervision noted last year is visible now. I would recommend the council to obtain the services of a pensioned havildar of good character, who has been accustomed to exercise authority, and to make him responsible for the cleanliness and order of the market. A new cemented platform for the sale of fish has been made, but no roof, or provision for flushing, has been made. This want should now be supplied.

The meat sheds were, as regards the flooring, in bad repair, as many holes are to be found, and the whole place was thickly strewn with sand. In the passage between these stalls a strong smell of urine was perceptible, due to the practice of allowing beggars to make use of the stalls as sleeping quarters at night! This abominable custom should at once be stopped.

The place where salt fish is sold was very dirty and out of repair; I would recommend that this commodity be removed from its present place and accommodated at the far end of the market, so that the flies which are attracted to it may not attack the meat also.

There is a large vegetable market in the fort also very badly kept. The floors of the sheds are very uneven and dusty. They should be cemented, as well as the walls and pillars. The ground also should be levelled and drained, as water stands here in wet weather.

The open space latrines have not yet been removed, and this should now be done at once. Arrangements should now be made at all these markets for flushing by connections with the new water pipes.

The Jubilee market seems neglected and not much patronised.

8. *Bandy stand*.—The stand near the central market was not well kept. A marshy bit of ground here should be filled and drained.

Chairman's Remarks. / Council's

The suggestion will be adopted at an early date.

Provision for flushing had been made some years ago and was in existence at the time of the Deputy Sanitary Commissioner's inspection.

The sheds were under repair at the time of the inspection.

The council resolves to fix the place of the sale of this commodity outside the market altogether.

Provision has been made in the budget for 1895–96 and after sanction of Government is obtained this will be attended to.

This will be attended to after the iron latrines ordered from Raju and Co. are received.

Will be attended to.

Inspection Notes.

Chairman's Remarks.

9. *Slaughter house.*—About 100 animals are killed daily. The place is not very suitable, but I believe a new house is about to be erected. There is a suitable bit of ground close by for the formation of a small sewage farm. The dirty cart and baskets in which the meat is removed to the market are most objectionable. A cart with zinc-lined trays and properly ventilated should be used for this purpose and boxes similarly lined for the smaller butchers. This point should be insisted on when issuing licenses.

The matter is referred to M.R.Ry. S. W. Govinda Rawjee to suggest measures as to how the recommendation of the Sanitary Commissioner may be best carried out, there being no provision in the Municipal Act or in the bye-laws to issue licenses to butchers.

10. *Vaccination* was made compulsory only last year. An examination of 78 children showed that 6·4 per cent. were unprotected.

The municipality have a depôt of their own; it would appear more economical to abolish this and get lymph from the local fund depôt.

Reference will be made to the President of the District Board on the subject and the matter decided on the receipt of his reply.

Second-class vaccinator Natesam Pillai. Service 15 years and 5 months. Pay Rs. 10. I marked nineteen cases for verification, of which fourteen were successful, one unsuccessful and four absent. Of these cases two were wrongly entered, one case with six cicatrices being marked as unsuccessful, and a failed case as having six marks! As this man was found to have falsified his register last year also, I would recommend that he be remanded to district work as a punishment.

The District Surgeon will be requested to nominate a new man to the place.

Second-class vaccinator Madarimuthu Pillai. Service 8 years and 8 months. Pay Rs. 10. I verified three of his cases and found all correct. He is slow, but appears more reliable than the former.

There are 425 prosecutions for failure to vaccinate. The numbers operated on under one year are very small—

—	1889.	1890.	1891.	1892.	1893.	1894 up to 30th November.
Number vaccinated	1,711	1,817	1,374	1,557	2,967	999
" " successfully	1,692	1,680	1,300	1,549	2,876	959
" " under one year	197	246	271	279	437	159
" verified by inspecting officer	Information not available.					
Births	1,187	1,609	1,556	1,385	1,790	1,239

11. *Registration.*—There are one head registrar and three sub-registrars. Notices to vaccinators are given at time of registering births. Books neatly kept in English. Arrangements have now been made with superintendents of burial grounds to give information of all deaths.

—	1889.	1890.	1891.	1892.	1893.	1894, up to 31st October.
Deaths from—	185	172	61	202	560	216
Cholera	62	97	70	15	42	11
Small-pox	286	350	338	303	342	179
Fevers	280	310	372	451	427	290
Dysentery and diarrhœa	553	617	756	618	570	464
All other causes						
Total	1,366	1,546	1,597	1,589	1,941	1,160
Death-rate per mille	24·9	28·2	29·1	29·2	35·7	25·6
Births	1,187	1,609	1,556	1,385	1,790	1,239
Birth-rate per mille	21·6	29·4	28·4	25·5	32·9	27·3

FORT ST. GEORGE,
7th December 1894.

(Signed) W. B. BANNERMAN, M.D., Surgn.-Capt.,
Inspr. of Vaccn. and Dy. Sany. Commr.

No. 2241-S.

Forwarded to the Chairman, Municipal Council, Tanjore, 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,
21*st December* 1894.

(Signed) W. G. KING, Surgn.-Lt. Col.,
Ag. Sany. Commr. for Madras.

No. 1034.

Forwarded.

VALLAM,
27*th December* 1894.

(Signed) J. THOMSON,
Acting Collector.

No. 222-Ml.

Forwarded. Copy of the Chairman's letter No. 409, dated 21st March 1895, explaining the extraordinary divergence in vaccination work of 1893 and 1894 is enclosed.

MANNARGUDI,
27*th March* 1895.

(Signed) J. THOMSON,
Acting Collector.

ENCLOSURES.

From M.R.Ry. K. S. SRINIVASA PILLAI Avargal, Chairman, Municipal Council, Tanjore, to the Collector of Tanjore, dated 20th March 1895, No. 409.

Referring to your letter of the 19th instant, No. 222 Ml. of 1895, I have the honour to forward, herewith, copy of a letter from the Assistant Surgeon, Tanjore, No. 57, dated 20th instant, who is in charge of the Vaccination department of this municipality, from which it will be seen that the abnormal increase in the figure shown for the year 1893, that is, the official year 1893–94, is due to the compulsory vaccination having been brought into force during the year.

From D. GNANAM PILLAI, Assistant to the District Medical and Sanitary Officer, Tanjore, to the Chairman, Municipal Council, Tanjore, dated 20th March 1895, No. 57.

With reference to your F. N. No. 397, dated 19th March 1895, I have honour to inform you that the abnormal increase in the figure shown for the year 1893 is due to compulsory vaccination having been brought into force from August 1893 and in the increase in the number of vaccine operations for eight months in the official year at a monthly average of 289 instead of 163 cases for the four previous months.

The figure 999 is the total number vaccinated for seven months from April to 31st October 1894 and not up to 30th November 1894.

C.N.-1870

R.S. Order. dt 6.5.95 No 799 L.
P.S.

Recorded with the following remarks:-

Tanjore Inspr's notes

(1) As the proposal to entertain ten additional drain cleaners has been disallowed by Government in the budget sanctioned in G.O. dt 8th March 1895 No. 378 M. the Municipal Council should make other arrangements for keeping the drains in the Fort well-flushed

(2) Steps should be taken to put up a roof over the platforms for the sale of fish, and to prevent beggars from using the meat sheds in the market as sleeping quarters. The Council should also, if possible, arrange for the sale of salt fish in some unobjectionable place within the market. Their proposal to remove it outside where it will be liable to rot cannot be regarded as a satisfactory solution of the difficulty.

To,
The Chairman Mel. Tanjore
" Collector of Tanjore
" Sanitary Commissioner

Despd. 24/5/95

Editors' Table.

with order

6TH MAY 1895, No. 799 M., LOCAL AND MUNICIPAL.

GOVERNMENT OF MADRAS.

LOCAL AND MUNICIPAL DEPARTMENT.

READ—the following paper:—

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

TANJORE DISTRICT.

TANJORE MUNICIPALITY.

Inspected 23rd, 24th and 26th November 1894.

Population as per census of 1891	Males	.. .. ..	25,945
	Females	.. .. ..	28,445
		Total ..	54,390

Inspection Notes.	Council's Remarks.
The town is well situated on laterite soil and should be capable of easy conservation. There is great overcrowding in the fort, and I would recommend that the additional space acquired by the filling in of the ditch be reserved as an air-space and that no houses be allowed to be built there.	The council resolves to adopt the view of the Sanitary Commissioner.
2. *Roads.*—The roads were in very bad condition owing to the laying of pipes which was proceeding. The smaller streets and lanes were in many cases neglected and foul with streams of sewage.	The Chairman will be requested to ascertain from the Sanitary Commissioner the smaller streets and lanes where such things existed.
3. *Drainage.*—A great deal of surface water is retained in tanks, such as those in the fort ditch. When the water scheme is in working order, these may be gradually filled up, as is being now done in the case of the ditch.	The subject will be again considered some time after the water scheme has begun to work.
4. *Sewerage.*—There are a large number of more or less imperfect drains within the fort. These, if kept well flushed, are of undoubted utility, but at present much of their usefulness is lost owing to faulty construction and absence of flushing. This latter measure would not cost much and should not be postponed till "after water-works are completed" as contemplated by the council (*vide* last year's notes). There are three outlets for the	Provision has been made in the budget for 1895–96 for the entertainment of ten additional drain-cleaners and, as soon as the sanction of the Government is received, flushing system will be introduced.

Inspection Notes.	Council's Remarks.
sewage from the fort, and a large sewage farm yielding a revenue of Rupees 2,000 is maintained *in the ditch*. This is not a suitable situation and, besides, the whole of the sewage is not utilised, some of it passing on into the river.	
The Chairman, however, told me that he had prepared plans for a new farm to the west of the town, and that suitable land could be had there. I explained to him the necessity of under-drainage for such a farm; so I trust the town will soon be in possession of the first properly constructed sewage farm in the Presidency. The plans should be submitted to the Sanitary Board before work is begun.	The suggestion will be adopted when funds are available.
Outside the fort also various drains end improperly, such as that in Chucklers' street which ends in a nalla, and in Otha street where sewage runs out on to the roadway.	Arrangements will be made in the ensuing year for the diversion of the streams of sewage water referred to.
5. *Conservancy.*—There are not sufficient dust-bins; only 255 for the large population; more corrugated iron bins should be purchased and placed in those streets where there are none at present.	The number of dust-bins is 291 and not 255. During the year under reference 20 corrugated iron dust-bins were sent for from Massey and Co. This number will be gradually increased from year to year until a sufficient number is reached.
The rubbish is removed by a contractor, but there are no fixed depôts, which is, I think, a mistake, as accumulations are very apt to take place in neglected corners.	The council has already intimated to the Government that from the beginning of the next year the depôt system will be introduced.
Latrines.—There are only 29 public latrines for the whole town, and they are of the objectionable open-space type, with the exception of one, badly erected, of Horbury's type. No more of these should be allowed, but latrines on the standard plan should be erected in the most crowded localities and not at a distance from houses as at present.	The council resolves to send for four iron latrines every year, till number 54 is reached according to the plan furnished by the Sanitary Board. This year four iron latrines have been ordered from Messrs. Raju and Co.
Private Scavenging.—Six hundred and forty-two houses only are served by this agency which is a very small number out of 9,738 houses assessed. The numbers served have steadily declined since 1888–89 when 1,026 privies were cleansed daily. This cannot be said to be a good record and the state of backyards affords ample opportunities for prosecution for insanitary premises.	This year the number of houses served by the private scavengering agency has increased to 710. Prosecutions in some such cases have been instituted already.
In Otha street, for instance, I examined many premises and found heaps of manure and rubbish and human fœcal matter in most of them.	

Inspection Notes.	Council's Remarks.
6. *Water-supply.*—As the new water-supply from the sub-soil of the river will shortly be in use, it is needless to offer any remarks on the present contaminated water-supply, especially as this matter was very fully reported on last year by the Acting Sanitary Commissioner.	
7. *Markets.*—The same want of supervision noted last year is visible now. I would recommend the council to obtain the services of a pensioned havildar of good character, who has been accustomed to exercise authority, and to make him responsible for the cleanliness and order of the market. A new cemented platform for the sale of fish has been made, but no roof, or provision for flushing, has been made. This want should now be supplied.	The suggestion will be adopted at an early date.
The meat sheds were, as regards the flooring, in bad repair, as many holes are to be found, and the whole place was thickly strewn with sand. In the passage between these stalls a strong smell of urine was perceptible, due to the practice of allowing beggars to make use of the stalls as sleeping quarters at night! This abominable custom should at once be stopped.	Provision for flushing had been made some years ago and was in existence at the time of the Deputy Sanitary Commissioner's inspection.
The place where salt fish is sold was very dirty and out of repair; I would recommend that this commodity be removed from its present place and accommodated at the far end of the market, so that the flies which are attracted to it may not attack the meat also.	The sheds were under repair at the time of the inspection.
There is a large vegetable market in the fort also very badly kept. The floors of the sheds are very uneven and dusty. They should be cemented, as well as the walls and pillars. The ground also should be levelled and drained, as water stands here in wet weather.	The council resolves to fix the place of the sale of this commodity outside the market altogether.
The open space latrines have not yet been removed, and this should now be done at once. Arrangements should now be made at all these markets for flushing by connections with the new water pipes.	Provision has been made in the budget for 1895–96 and after sanction of Government is obtained this will be attended to.
The Jubilee market seems neglected and not much patronised.	This will be attended to after the iron latrines ordered from Raju and Co. are received.
8. *Bandy stand.*—The stand near the central market was not well kept. A marshy bit of ground here should be filled and drained.	Will be attended to.

Inspection Notes.

9. *Slaughter house.*—About 100 animals are killed daily. The place is not very suitable, but I believe a new house is about to be erected. There is a suitable bit of ground close by for the formation of a small sewage farm. The dirty cart and baskets in which the meat is removed to the market are most objectionable. A cart with zinc-lined trays and properly ventilated should be used for this purpose and boxes similarly lined for the smaller butchers. This point should be insisted on when issuing licenses.

10. *Vaccination* was made compulsory only last year. An examination of 78 children showed that 6·4 per cent. were unprotected.

The municipality have a depôt of their own; it would appear more economical to abolish this and get lymph from the local fund depôt.

Second-class vaccinator Natesam Pillai. Service 15 years and 5 months. Pay Rs. 10. I marked nineteen cases for verification, of which fourteen were successful, one unsuccessful and four absent. Of these cases two were wrongly entered, one case with six cicatrices being marked as unsuccessful, and a failed case as having six marks! As this man was found to have falsified his register last year also, I would recommend that he be remanded to district work as a punishment.

Second-class vaccinator Madarimuthu Pillai. Service 8 years and 8 months. Pay Rs. 10. I verified three of his cases and found all correct. He is slow, but appears more reliable than the former.

There are 425 prosecutions for failure to vaccinate. The numbers operated on under one year are very small—

—	1889.	1890.	1891.	1892.	1893.	1894 up to 30th November.
Number vaccinated	1,711	1,817	1,374	1,557	2,967	999
,, ,, successfully	1,692	1,680	1,300	1,549	2,876	959
,, ,, under one year	197	246	271	279	437	159
,, verified by inspecting officer			Information not available.			
Births	1,187	1,609	1,556	1,385	1,790	1,239

11. *Registration.*—There are one head registrar and three sub-registrars. Notices to vaccinators are given at time of registering births. Books neatly kept in English. Arrangements have now been made with superintendents of burial grounds to give information of all deaths.

Council's Remarks.

The matter is referred to M.R.Ry. S. W. Govinda Rawjee to suggest measures as to how the recommendation of the Sanitary Commissioner may be best carried out, there being no provision in the Municipal Act or in the bye-laws to issue licenses to butchers.

Reference will be made to the President of the District Board on the subject and the matter decided on the receipt of his reply.

The District Surgeon will be requested to nominate a new man to the place.

—	1889.	1890.	1891.	1892.	1893.	1894, up to 31st October.
Deaths from—						
Cholera	185	172	61	202	560	216
Small-pox	62	97	70	15	42	11
Fevers	286	350	338	303	342	179
Dysentery and diarrhœa	280	310	372	451	427	290
All other causes	553	617	756	618	570	464
Total	1,366	1,546	1,597	1,589	1,941	1,160
Death-rate per mille	24·9	28·2	29·1	29·2	35·7	25·6
Births	1,187	1,609	1,556	1,385	1,790	1,239
Birth-rate per mille	21·6	29·4	28·4	25·5	32·9	27·3

FORT ST. GEORGE,
7th December 1894.

(Signed) W. B. BANNERMAN, M.D., Surgn.-Capt.,
Inspr. of Vaccn. and Dy. Sany. Commr.

No. 2241-S.

Forwarded to the Chairman, Municipal Council, Tanjore, 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,
21*st December* 1894.

(Signed) W. G. KING, Surgn.-Lt. Col.,
Ag. Sany. Commr. for Madras.

No. 1034.

Forwarded.

VALLAM,
27*th December* 1894.

(Signed) J. THOMSON,
Acting Collector.

No. 222-Ml.

Forwarded. Copy of the Chairman's letter No. 409, dated 21st March 1895, explaining the extraordinary divergence in vaccination work of 1893 and 1894 is enclosed.

MANNÁRGUDI,
27*th March* 1895.

(Signed) J. THOMSON,
Acting Collector.

ENCLOSURES.

From M.R.Ry. K. S. SRINIVASA PILLAI Avargal, Chairman, Municipal Council, Tanjore, to the Collector of Tanjore, dated 20th March 1895, No. 409.

Referring to your letter of the 19th instant, No. 222 Ml. of 1895, I have the honour to forward, herewith, copy of a letter from the Assistant Surgeon, Tanjore, No 57, dated 20th instant, who is in charge of the Vaccination department of this municipality, from which it will be seen that the abnormal increase in the figure shown for the year 1893, that is, the official year 1893-94, is due to the compulsory vaccination having been brought into force during the year.

From D. GNANAM PILLAI, Assistant to the District Medical and Sanitary Officer, Tanjore, to the Chairman, Municipal Council, Tanjore, dated 20th March 1895, No. 57.

With reference to your F. N. No. 397, dated 19th March 1895, I have honour to inform you that the abnormal increase in the figure shown for the year 1893 is due to compulsory vaccination having been brought into force from August 1893 and in the increase in the number of vaccine operations for eight months in the official year at a monthly average of 289 instead of 163 cases for the four previous months.

The figure 999 is the total number vaccinated for seven months from April to 31st October 1894 and not up to 30th November 1894.

ORDER—dated 6th May 1895, No. 799 M., Local and Municipal.

Recorded, with the following remarks:—

(1) As the proposal to entertain ten additional drain-cleaners has been disallowed by Government in the budget sanctioned in G.O., dated 8th March 1895, No. 378 M., the municipal council must make other arrangements for keeping the drains in the Fort well flushed.

(2) The increase in the number of houses served by the private scavengering agency is by no means so large as could be desired, and the matter should continue to receive the unremitting attention of the council.

(3) Steps should be taken to put a roof over the platform for the sale of fish and to prevent beggars from using the meat sheds in the market as sleeping quarters. The council should also, if possible, arrange for the sale of salt fish in some unobjectionable place within the market. Their proposal to remove it outside where it will be beyond control cannot be regarded as a satisfactory solution of the difficulty.

(True Extract.)

J. F. PRICE,
Chief Secretary.

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

Exd. A. Baitt.

Govt. of {1895} Madras.

LOCAL AND MUNICIPAL.

Issued

Recd. *Encl.*

G.O., 6th May 1895, No. 799 M.

MAY.

Inspection Notes.

Recording, with remarks, the Deputy Sanitary Commissioner's — on the Tanjore Municipality.

BACK PAPER, No. OF 18

FURTHER PAPER, No. OF 18

READ AGAIN ORDER OF GOVERNMENT, DATED
18 , No.

ENCLOSURES.

CURRENT No. 11 Jour. — Tubyfer

STATEMENT WITH DITTO.

ORDER, &C., OF GOVERNMENT—A.

PAPERS KEPT OUT OF FILE FOR DESPATCH IN ORIGINAL
(not paged).

NUMBER OF COPIES REQUIRED. { Order complete. 80 / Letter only. / Order complete with Letter.

N.B.—
A = Print in full.
B = Not to be printed.
P = Print abstract only.
Q = Print heading only.
R = Print, but not for monthly volume.

INDEXED.

PRESS.

LOCAL AND MUNICIPAL DEPARTMENT.
G.O., DATED 6-5-95
No. 799 L

First copy sent to Press. 7/5/95

Returned for signature. 21/5/95

Despatched in print. 24/5/95

[Despatch Abstract.]

Inspection Notes.

Recording, with remarks, the D.G. Sanit. Commissioner's — on the Tanjore Country

First copy sent to Press.

Returned for signature.

Despatched in print.

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

CURRENT No.

ENCLOSURES TO G. No.

ORDER OF GOVERNMENT

LETTER OF GOVERNMENT

STATEMENT WITH DITTO.

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

NUMBER OF COPIES REQUIRED. { Order complete. / Letter only. / Order complete with Letter.

L
10

N.B.—

A = Print in full
B = Not to be printed.
P = Print abstract only.
Q = Print reading only.