

(1) Number of pages 6
(2) Date of repair 28-7-68
(3) Initials of the Referencer lms

TAMIL NADU ARCHIVES

GOVERNMENT OF TAMIL NADU

Revenue

DEPARTMENT

G.O. No.	3908	Press.
B.P. No.		Mis.
Dated	12. 7. 1877	197

SA

Not to be folded or roughly handled.

3908/1

GOVERNMENT OF MADRAS.
PUBLIC DEPARTMENT.

12th June 1877 No. 797.

Sanitary

Read the following paper:—

No. 51. *From L. R. BURROWS, Esq., Acting President of the Municipal Commission, Madras, to the Officiating Chief Secretary to Government, dated 31st May 1877, G. No. 251.*

I have the honor to forward the Special Health Officer's Report for the week ending 26th instant.

2. Subjoined is a statement showing the mortality for the last five weeks:—

Week ending	Small-pox.	Measles.	Fever.	Dysentery.	Diarrhoea.	Cholera.	Other Diseases.	Total.
April 27th	294	3	15	129	82	94	218	935
May 4th	221	..	10	118	90	201	205	945
" 11th	208	..	22	93	82	224	186	915
" 18th	197	1	97	72	77	146	161	751
" 25th	189	1	125	129	108	179	240	971

3. It is unfortunately true that there is a marked increase of mortality during the past week, but this increase is partly, if not principally, due to the causes mentioned in my last week's report, viz., that the storm which raged during the 16th and 17th delayed the death reports reaching this office. This week's bill of mortality consequently includes many deaths which, under ordinary circumstances, would have appeared in last week's return.

4. Of the causes which Dr. Stanbrough enumerates as producing the cholera, the pollution of the wells and tanks is the most serious. It does not appear that any of the wells have been tested, as ordered by Government in G.O., No. 687, dated 18th May 1877, Public Department, and I have accordingly requested Dr. Stanbrough to test the water of such wells and tanks as are most resorted to for drinking water in order that steps may be taken, if necessary, for preventing bad water being used for drinking purposes. The stoppage of the Red Hills supply has been occasioned by the necessity which has been found to exist for deepening the portion of the channel which leads to the pipes at the Red Hills sluice and which has been used lately as a sort of high level reservoir into which the pumps discharged water from the lower level of the lake. This portion of the channel has silted up to a depth of $1\frac{1}{2}$ feet above the lowest pipe, and in the Municipal Delivery Channel on the outside of the lake a similar deep deposit of mud was found. It has been found necessary to have these deposits removed. When this has been completed, bund over which the pump used to discharge will be cut, and thus the water will be allowed to gravitate through the sluice, through the lowest pipe of the sluice, and thus into Madras. The lowest pipe of the sluice has not been used since the pump was commenced, because it does not pass the water through the filtering basin, and, to secure this advantage and seeing

JUNE 1877, No. 797.

that it made little or no difference in the water being used. But when the water rose accordingly it became necessary to pump it in the presence of Mr. Jones, seeing that all the wells were perfectly black with mud. abundant rain had fallen, for clearing as much as possible from the delivery as possible, and Mr. Jones reports to this afternoon or early tomorrow morning.

5. Dr. Stanbrough points out that damaged rice not suitable for human consumption to the Municipal staff with instructions to the owners against selling within the human food, and afford every facility to the Magistrates for warrants to search the bazaars, and arrangements have been offered for sale. No rice has been rendered most valuable assistance, and their power to prevent damaged grain before the necessity for extreme vigilance.

6. On the subject of batta, whether the charges on this account, paid out of the Municipal Fund. If must be a large increase in the Budget on this question.

7. Notwithstanding the somewhat I am disposed to think that the public that future returns will show the improvement.

expense of pumping, the next higher pipe has been sufficiently high to admit of the discontinuance of the lowest pipe of the sluice, and this was done by me and myself when it was found to deliver water. I was then thought that the present was a good opportunity, as the town had been recently cleared and the sludge from in front of the sluice and the sluice. The work has been pushed on as fast as possible, and he hopes to have water in the pipes again.

Difficulty of what he calls "putting a stop to" Looking at the present state of the law my opinion is that they should watch damaged heaps, warn the owners against selling within the human food, and afford every facility to the Magistrates for warrants to search the bazaars, and arrangements have been offered for sale. No rice has been rendered most valuable assistance, and their power to prevent damaged grain before the necessity for extreme vigilance.

by Dr. Stanbrough there is a doubt as to whether the charges on this account, paid out of the Municipal Fund. If must be a large increase in the Budget on this question.

responding tone of Dr. Stanbrough's report, which has been improved by the rain, and the improvement.

ENCLOSURE No. 1.

From Dr. H. STANBROUGH, Special Officer, to the Officiating Chief Secretary to Government, dated 29th May 1877.

I have the honor to forward, for the weekly report ending 26th May 1877, of the short summary of the work performed by the Health Department, and in spite of every exertion and care, rice of a deleterious kind finds its way into the market.

2. The total number of deaths from small-pox. Of this number 28 were from cholera and diarrhoea, and 189 from diseases for the past week was 971, or 127 per mille of population.

3. There have been large quantities of damaged rice thrown into the sea, but it is impossible for me to know the quantity as the Municipality have been condemning it independently of the Health Department, and in spite of every exertion and care, rice of a deleterious kind finds its way into the market.

4. The anticipation of an improvement in the public health in consequence of the late storm has unfortunately not been realized. The mortality from cholera for the past week has been almost as great as the previous weeks. The chief causes for this is the insanitary condition of the town, and utter want of ordinary health arrangements in native households, and bad water obtained from the wells and tanks, which were nearly all dry when the sudden downpour of rain fell. The matter which had been lying dry for many months to find their way into them, and for the past week or more the water from the Red Hills has been stopped.

5. The districts where cholera has been prevalent are Pursewalkum, Washerman, and Triplicane. The Division South Ward this morning, which was attended to by the Assistant Health Officer. These were residents about Min.

prevalent are Pursewalkum, Washerman, and Triplicane. The Division South Ward this morning, which was attended to by the Assistant Health Officer. These were residents about Min.

6. Much difficulty is found in putting a stop to the Municipality and Health Department are. When such rice is discovered a reference has to be made to a Magistrate, and time and trouble is spent to find the owners; this occasions delay, and it is a pity that from want of batta funds, usual powers should be given to the Magistrate to seize the rice at once before it is made into human food.

7. I regret to state that the work of Vaccination on the 23rd May was stopped by the want of batta funds, and the same has been the position to make the necessary advance the work has been very successful in spreading the benefits of the vaccine lymph, such work has been.

8. The following is a summary of work done by Health Inspectors during the week under notice:—

Number of District.	Name of Ward.	NUMBER HOUSES AND HUTS.		DISEASES DETECTED.			No. of Patients sent to Hospital.	No. of Food-tickets issued.	No. of Persons vaccinated.
		Visited.	Cleaned.	Cholera.	Small-pox.	Other Diseases.			
First	East	795	23	3	3	1	3	135	29
"	Centre	399	113	3	9	2	1	6	56
"	West	414	105	2	17	3	4	44	36
Second	North	313	42	8	16	8	14	4	36
"	Centre	950	40	2	12	10	4	..	49
"	South	325	1	12	..	1	2	..	44
Third	North	277	1	2	1	..	3	1	40
"	Centre and South.	354	1	3	1	4	4	20	91
Fifth	North	1,053	1	13	3	5	9	12	97
"	Centre	251	1	12	5	..	1	10	50
"	South	449	1	12	1	1	5	15	48
Seventh	North	369	1	1	1	6	5	21	59
"	Centre	167	1	11	..	1	..	2	49
Seventh & Eighth.	North and South.	228	1	7	3	5	1	2	55
Sixth & Eighth ..	Do.	546	1	7	4	6	5	17	77
Eighth	South	265	1	1	..	4	3	45	56
Total		7,155	8	99	76	57	64	334	872

9. During the past three months little has been done in the way of sanitation for the town beyond the house-to-house visitation. The main drain has been pumped clean by the new steam apparatus erected for the purpose, and a few drains have been made or repaired in Triplicane. The Municipality appear not to have the means for carrying out any suggestions which may be offered them.

The Mortuary Returns for the quarter ending from all diseases, of which 4,230 were from small-pox. There were 97,783 houses and huts visited, including those cleaned and disinfected; 14,273 persons were vaccinated.

May 1877 shows a death-rate of 13,248 and 3,150 caused by cholera and diarrhoea.

No. 52.

ORDER THEREON, 12th JUNE

1877, No. 797.

The Government await Mr. Burrows' report regarding the payment of batta from Municipal Funds on account of the Special Health Department, and desire to know what amount is needed monthly for this purpose.

report regarding the payment of batta from Municipal Funds on account of the Special Health Department, and desire to know what amount is needed monthly for this purpose.

2. With reference to the failure that it is to be regretted that the channel was not maintained in proper order, at an extent necessitating a stoppage of the wells had been, temporarily at least,

the water-supply, the Government remark leading to the pipes at the Red Hills sluice at the silt was allowed to accumulate to the moment when the supply from the well was vitiated by the storm.

(The extract.)

D. F. CARMICHAEL,
Chief Secretary.

(copy)

A. W. J. J. J.

*By Under Secy to Govt.
in charge.*

To the Acting President of the Municipal

Commission, Madras.

Revenue (Famine)

pt.

223

Exd. J. Wright.

3905
/ 3

3908

Recd. 1877 No. 5217

Obdt. of 1877 Madras.

PUBLIC.

To THE ACTING PRESIDENT OF THE
MUNICIPAL COMMISSION.

Madras

Dated June, 12th.

Issued

Recd. 7/7/77

Encl.

2. 11. 40. 12. July 1877. 3908

JUNE.
Nos. 51-52.

11. 40. 12. July 1877

Sanitary.—Orders passed on letter from Acting
President, Municipal Commission, Madras, for-
warding Special Health Officer's report for week
ending 26th May 1877.
3908



12 July 1877