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TAMIL NADU ARCHIVES

GOVERNMENT OF TAMIL NADU

Revenue DEPARTMENT

G.O. No.	3929	Press.
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Dated	13 7 1877	197

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GOVERNMENT OF MADRAS.
PUBLIC DEPARTMENT.

9th July 1877, No. 917.

Sanitary.

Read the following paper:—

No. 32. *From L. R. BURROWS, Esq., Acting President of the Municipal Commission, Madras, to the Chief Secretary to Government, dated 4th July 1877, G. No. 406.*

I have the honor to submit the Health Officer's report for the week ending 29th ultimo.

2. The following statement exhibits the mortality for the last five weeks from all causes:—

Week ending	Small-pox.	Measles.	Fevers.	Dysentery.	Diarrhoea.	Cholera.	Other Diseases.	Total.
June 1st ..	152	..	113	112	88	203	242	910
" 8th ..	134	..	112	141	108	144	260	899
" 15th ..	120	..	107	168	110	87	237	829
" 22nd ..	111	..	106	169	122	65	263	836
" 29th ..	90	..	127	196	139	57	253	862

3. With reference to the remark of Dr. Stanbrough in paragraph 2 regarding the

* G. No. 251, dated 31st May 1877, para. 5. uncalled for destruction of rice, I beg to refer the Government to my former report*

on this subject, in which I have pointed out, with reference to similar remarks made by Dr. Stanbrough, that the Municipality have not condemned any grain of any kind, and that no rice has been destroyed except with owners' consent.

4. The parcherries generally are kept clean. This result is due mainly to the employment of the extra gangs of scavengers which have now been discontinued. Should it be found necessary to set them on again it will be done.

5. I beg to annex a statement showing analyses of Red Hills Water made on 2nd July and 22nd March 1877. Government will see what a great improvement has taken place in the quality of the water since the fall of the rain:—

	Delivery Channel.	Cistern at Chennelroya, Moodelly Street, Triplicane.
Total solids—Gramme per litre	0.240	0.250
Volatile do. do.	0.080	0.080
Sodium Chloride do. do.	0.089	0.094
Total hardness—Clark's scale	3.7	3.8
Permanent do. do.	1.5	1.6
Free Ammonia Milligramme per litre	0.32	0.44
Allumenoid Ammonia do. do.	0.96	0.88
Nitric Acid do. do.	1.20	0.97

REMARKS.—Color, light greenish, brown, opalescent; taste good, sediment consists of reddish clay, vegetable debris, and a few filaments of confervae. Animal life considerably diminished since last report. Chief forms observed, entomostraca and rotifers.

	End of Delivery Channel.	Open Cistern in Cenotaph.	(Macrae.) 23rd July 1875.	(Porter.) 19th July 1876.
Total solids — Gramme per litre				
Volatile do. do. do. ..	0.540	0.520	0.450	0.363
Sodium do. do. do. ..	0.130	0.110	0.170	0.119
Total hardness do. do. do. ..	0.251	0.243	0.094	0.013
Permanent do. do. do. ..	5.85	5.85	5.9	4.9
Free Ammonia Milligramme per litre	1.10	1.05	4.2	4.2
Allumoid do. do. do. ..	0.60	1.04	0.36	0.16
Nitric Acid do. do. do. ..	2.88	2.64	1.60	2.40
	1.05	1.05	..	1.22

ENCLOSURE No. 1.

From Dr. H. STANBROUGH, Special Health Officer, to the Chief Secretary to Government, dated Madras, 3rd July 1877.

I have the honor of forwarding, for the information of His Grace the Governor in Council, a weekly report ending 30th June 1877, of the working of the Health Department.

2. The health of the inhabitants of the town has improved since my last weekly letter, and the daily reports show but few deaths from cholera; small-pox likewise has partly abated, and numbered only ninety victims; but the number of deaths from diarrhoea and dysentery has increased. This must be expected. The total deaths from all causes during the week was 862, showing an increase of thirty-three. I made mention in my previous report that no dependence could be placed on the high rate of deaths from diarrhoea and dysentery; they are given in a very irregular manner and chiefly as occurring in the Monegar Choultry and camps; they are caused mostly by weakness and exhaustion amongst the famine and very poor wanderers into Madras, and accelerated by the excessive heat of the past week. There are many cases of slight fever reported. The town is still very much overcrowded. The markets are carefully watched, and I have not found any rice injurious to health offered for sale, although quantities of a very inferior description find ready purchasers in the bazaars. I am of opinion that a quantity of rice was at first condemned too hastily, which would now pass as fair rice, and in these serious times of scarcity greater care and discrimination should be shown in condemning grain before it has undergone every known process of sun and air to restore if possible its purity. The work of vaccination is progressing.

3. The mortuary returns, published weekly during the half-year ending June 1877, show the number of deaths to be 24,893, out of which 5,596 were from small-pox, 5,186 cholera, and 4,601 dysentery and diarrhoea.

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

Number of District.	Name of Ward.	NUMBER OF HOUSES AND HUTS.		DISEASES DETECTED.			Number of Cases sent to Hospital.	Number of Food Tickets issued.	Number of Cases Vaccinated.
		Visited.	Cleaned and Disinfected.	Cholera.	Small-pox.	Other Diseases.			
1	East ..	662	110	1	1	3	..	1	65
1	Centre ..	533	20	2	4	2	..	4	65
1	West ..	363	32	1	6	5	..	4	8
2	North ..	267	61	5	..	4	..	4	71
2	Centre ..	526	9	2	1	16	..	3	45
3	South ..	118	17	..	1	3	..	4	28
3	North ..	235	37	1	1	2	..	..	55
5	Centre and South	207	118	1	3	3	..	1	70
5	North ..	700	50	5	12	8	6	67	138
5	Centre ..	303	27	1	..	..	..	13	65

Number of District.	Name of Ward.	NUMBER OF HOUSES AND HUTS.		DISEASES DETECTED.			Number of Cases sent to Hospital.	Number of Food Tickets issued.	Number of Cases Vaccinated.
		Visited.	Cleaned and Disinfected.	Cholera.	Small-pox.	Other Diseases.			
5	South ..	377	45	..	..	2	..	14	78
7	North ..	307	5	..	..	13	7	5	104
7	Centre ..	287	7	4	..	6	2	3	73
7 and 8	North and South	315	27	..	2	1	..	9	70
6 and 8	Do. ..	647	19	4	..	1	2	12	47
8	South ..	202	61	4	1	..	..	2	88
	Total ..	6,349	645	31	32	69	35	148	1,070

No. 33. ORDER THEREON, 9th July 1877, No. 917.

Communicated to the Board of Revenue, to the Revenue (Famine) Department, and to the Sanitary Commissioner.

(True Extract.)

D. F. CARMICHAEL,
Chief Secretary.

[Signature]
Under Secretary to Govt.

To the President of the Municipal Commission, Madras.
" Special Health Officer.
" Board of Revenue.
" Revenue (Famine) Department.
" Sanitary Commissioner.
" Public Works Department.

Exd. J. Wright.

Sent by Communicating letter from Acting President Madras Municipality forwarding Health Officer's report for week ending 29th June 1877

JULY.
Nos. 32-33.

G.O. No. July 1877, No. 917.

Dated
Issued
Recd.

To
THE PRESIDENT OF THE
MUNICIPAL COMMISSION,
Madras.

PUBLIC.

Govt. of 1877 Madras.

GOVERNMENT OF MADRAS.
PUBLIC DEPARTMENT.

9th July 1877, No. 917.

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To the President of the Municipal Commission, Madras.

„ Special Health Officer.
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„ Sanitary Commissioner.
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Exd. J. Wright.

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PUBLIC.

To THE PRESIDENT OF THE
MUNICIPAL COMMISSION,

St. John,
St. John,
St. John,

Dated July, 9th.

Issued

Recd 12/7/77

Recd.

G.O., 9th July 1877, No. 917.

Ms: 1077 2445 1877-1892.

JULY.
Nos. 32-33.

Smiley.—Communicating letter from Acting
President, Madras Municipality, forwarding Health
Officer's report for week ending 29th June 1877.

1892

1894 1897