

1. Number of pages 16
2. Date of receipt 18-12-19
3. Initials of receiving officer

M.R.O. 1-20,000-16-10-25

9

MADRAS RECORD OFFICE.

Government of Madras.

Police

DEPARTMENT.

G.O. No.

605

Press
Mis.

Dated

10-5

19

1869

Not to be folded or roughly handled

Proceedings of the Madras Government, Public Department,
10th May 1869.

No. 57. Read the following letter from the Sanitary Commissioner, Madras, to the Chief Secretary to Government, Fort Saint George; dated 28th April 1869.

I have the honour to acknowledge the receipt of the Order of Government, (No. 499 of 16th April,) in the Public Department, upon certain Despatches in the Sanitary Department from the Right Honorable the Secretary of State, directing me to state what steps I would propose for carrying out the suggestions of the Army Sanitary Commission contained at the close of their Memorandum which formed the enclosure of Despatch No. 3.

2. These suggestions include the selection of some locality in which cholera is endemic, and the application to it of sanitary measures similar to those so successfully adopted at the Conjeveram pilgrimage, such application to be preceded by a thorough inquiry into its sanitary state upon all points noted by the Army Sanitary Commission, and the results to health, (as compared with periods antecedent to such improvements,) and in special relation to cholera, to be recorded.

3. It is manifest that an inquiry of this nature must be an extended one. The state of surface, and subsoil drainage, for instance, must be studied at all periods of the year, and the movements of the subsoil waters duly recorded by observation upon selected wells or shafts specially sunk for the purpose. So also surface cleanliness, and cleanliness of compounds, which includes the amount of saturation of the soil with decomposing organic matters and the influences of temperature and moisture in extricating deleterious effluvia, must be carefully noted. While these observations are being made the health statistics of the population must be carefully observed, and this involves an accurate census and registration of deaths.

4. These preliminary inquiries will entail much patient investigation, and no inconsiderable outlay of public money. The basis of the whole inquiry is a correct census and accurate registration of deaths, not only by cholera but by all diseases.

5. An inquiry of this extended nature can only be made by competent officers resident upon the spot. It appears to me in fact that the Secretary of State's orders can only be carried out by local Committees, or Municipal Commissioners, such Committees being composed of Civil Engineer and Medical Officers, with whom the Sanitary Commissioner might be associated as a consultative member.

6. After this preliminary inquiry has been made, remedial measures will have to be carried out, which will not only occupy a long period in their execution, but may involve a very large outlay of public money.

7. It is necessary, therefore, to select some locality or town in which cholera prevails so regularly at certain periods of the year as to justify its being termed endemic, and in which mortality from disease generally has been high; but which town is of itself of moderate area, so that the application of the necessary remedial measures to it would not involve a very large expenditure.

8. Kurnool, Trichinopoly, and Salem occur to me as meeting these conditions. All are very obnoxious to cholera, and Kurnool to fever of a severe type, while they occupy moderate areas.

Proceedings of the Madras Government, Public Department,
10th May 1869.

9. Each will afford in fact a good field in which to investigate the operation of sanitary measures upon the prevalence of cholera, and at Kurnool upon those severe types of fever so prevalent and fatal there, and which have been attributed to the extension of irrigation upon the confines and even within the limits of the station.

10. Trichinopoly offers a very favourable field for experiment. Much has been done by the Municipality, but much remains to be done, which is at present beyond their means, especially drainage of the town, the provision of a pure water supply, the levelling the walls of the old fort and filling in the ditch now made a receptacle for all the filth of the place.

11. The Municipal Commissioners are thoroughly interested in these questions, and would, I believe, be glad to have an opportunity to make an inquiry of the "thorough" nature suggested by the Secretary of State, and to carry out the measures necessary to remedy existing evils.

12. This town being also proximate to a considerable Military station, the inquiry and the measures of improvement resulting therefrom would prove of benefit to the troops. Moreover its ready accessibility from Madras by rail would enable the Sanitary Commissioner (should he be constituted a member of the Committee) frequently to attend the Meetings of the Committee, and direct and watch the progress made both in the preliminary inquiry and sanitary measures sanctioned thereon.

No. 58. ORDER THEREON, 10th May 1869, No. 605.

His Excellency the Governor in Council resolves to refer this letter and the G. O., No. 499, dated 16th April 1869, to the Inspector General, Indian Medical Department, and to request Dr. Mackenzie, in communication with the Sanitary Commissioner, to determine the selection of a well-marked endemic locality which can, with reference to the Medical Officer stationed thereat, be most advantageously used for the thorough inquiry suggested in the Memorandum by the Army Sanitary Commission.

(True Extract).

Chief Secretary.

To the Inspector General, Indian Medical Department, with No. 499.
,, Sanitary Commissioner.

Exd. J. Wright.

No.

OFFICE OF SANITARY COMMISSIONER,

MADRAS, 28 April 1869.

From

Sanitary Commissioner, Madras,

To

The Chief Secretary to Government,
Public Department
Fort Saint George.

SIR,

I have the honor to acknowledge the receipt of the order of Government (No 499 of 16 April in the Public Department, upon certain Despatches in the Sanitary Department from the Right Honble the Secretary of State, directing me to state what steps I would propose for carrying out the suggestions of the Army Sanitary Commission contained at the close of their Memorandum which formed the enclosure of Despatch No 3.

2. These suggestions include, the selection of some locality in which cholera is endemic, and the application to it of sanitary measures similar to those so successfully adopted at the Conjeevaram pulgamaige, such applications to be preceded by a thorough enquiry into its sanitary state upon all points noted by the Army Sanitary Commission, and the results to health as compared with periods antecedent to such improvements, and in special relation to cholera to be recorded.

3. It is manifest that an enquiry of this nature must be an extended one. The state of surface, and subsoil drainage, for instance, must be studied at all periods of the year, and the movements of the subsoil waters duly recorded by observation upon selected wells or shafts specially sunk for the purpose. So also surface cleanliness

THE INSPECTOR GENERAL,

INDIAN MEDICAL DEPARTMENT,

Secy, Secy, Secy

India May 10th.

Recd.

Enc.

G. O., 10th May 1869, No. 685.

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NOV. 27-53.

It being certain papers and representing the
Inspector General, in communication with the
Sanitary Commissioner, to determine the selection
of a well-suited locality for the purpose which can be
most advantageously used for the thorough inquiry
conducted in the Memorandum by the Army Sanitary
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4 These preliminary enquiries will entail much patient investigation and no inconsiderable outlay of public money. The basis of the whole enquiry is a correct census and accurate registration of deaths, not only by Cholera but by all diseases.

5 An enquiry of this extended nature can only be made by competent officers resident upon the spot. It appears to me as a fact that the Secretary of State's Orders can only be carried out, by local Committees, or Municipal Commissions, such Committees being composed of Civil Engineers, and Medical Officers with whom the Sanitary Commissioners might be associated as a consultative member.

6 After this preliminary enquiry has been made, remedial measures will have to be carried out which will not only occupy a long period in their execution, but may involve a very large outlay of public money.

7 It is necessary therefore to select some locality or town in which Cholera prevails so regularly at certain periods of the year as to justify its being termed endemic, and in which mortality from disease generally has been high; but which town is of itself of moderate area, so that the application of the necessary remedial measures to it would not involve a very large expenditure.

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as meeting these conditions. All are very obnoxious to Cholera, and Kurnool to fever of a severe type, while they occupy moderate areas. 75

9 Each will afford in fact a good field in which to investigate the operation of sanitary measures upon the prevalence of Cholera, and at Kurnool upon those severe types of fever so prevalent and fatal there, and which have been attributed to the extension of irrigation upon the confines and even within the limits of the station.

10 Trichinopoly offers a very favorable field for experiment. Much has been done by the Municipality but much remains to be done, which is at present beyond their means, especially drainage of the town, the provision of a pure water supply, the levelling the walls of the old Fort and filling in the ditch now made a receptacle for all the filth of the place.

The Municipal Commissioners are thoroughly interested in these questions and would I believe be glad to have an opportunity to make an enquiry of the "thorough" nature suggested by the Secretary of State, and to carry out the measures necessary to remedy existing evils.

This town being also proximate to a considerable military station, the enquiry and the measures of improvement resulting therefrom, would prove of benefit to the troops. Moreover its ready accessibility from Madras by rail would enable the Sanitary Commissioner, I should ^{he} be constituted a member of the Committee frequently to attend the meetings of the Committee, and direct and watch the progress made both in the preliminary enquiry, and sanitary measures sanctioned thereon.

I have the honor to be,

Your most obedient Servant.

J. L. Manning.

Sanitary Commissioner for Madras.

No 505 10 May 1869.

Recd 18 May 1869

Recd 18 May 1869

N. L. The Governor in Council resolves to forward this letter and the G. O. No 499. d/16 April 1869 to the Prof. Genl. Indian Medical Department and to request Dr. Mackenzie in communication with the Sanitary Comr. to determine the selection of a well marked endemic locality which can

Sanitary Commission

for Madras

The Chief Secy: to Govt
Publics Department
Fort St. George

Recd 28

Recd 29 { April 1869
Secy 789
No 1120

Recd 789

No 1120

Reply to order of Government in the Publics Department No 499 of 16 inst: directing him to indicate the means he would advise to give effect to the suggestions of the Army Sanitary Commission's advice to his Department No 3 from the Right Honble Secy: of State.

with reference to the Medical Officer stationed thereat be most advantageously ^{used} ~~selected~~ for the thorough enquiry suggested in the Memorandum by the Army Sanitary Commission

M. S.

The Prof. G. I. M. Dep. with No 499
Sanitary Commission

Govt. of 1869 Madras.

Public

Suggested in the memo.
by the Army Sanitary
Comm^{tee}

The Insp. Genl. Secy. Secy. Dept.
Sec

Dated May-10.

Recd. Encl.

G. O. 10 May 1869, No. 605.

7 No 1498-

Nos. 57. 58.

Referring certain papers, &
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ly used for the thorough inquiry
suggested