

Local & Munl. (1895-) Department.

PRINTED.

G.O., No. 2006 L.

DATED 22nd Oct 1895

[Despatch Abstract.]

Epidemics.

Recording G.O. Public Department, communicating to the Surgeon-General, with remarks, letter from the Government of India requesting that copies of Mr. Hankin's pamphlet entitled "the Cause and Prevention of Cholera" may be issued to all Medical officers with instructions to record the results of any experiments made by them and to communicate the results direct to Mr. Hankin at Agra.

As it is necessary that the results of all such experiments should be recorded in an uniform manner, Mr. Hankin has drawn up the accompanying form, in which the facts connected with each case should be entered.

It is suggested that the form with the above instructions may be forwarded to the different Local Governments and Administrations, with the request that they will circulate copies to all medical officers serving under them. The results of any experiments made by individual officers should be forwarded by them direct to Mr. Hankin at Agra.

The 19th August 1895.

(Signed) J. CLEGHORN.

Form for recording progress of cholera outbreak in cases in which disinfection of wells is carried out.

- Name of village—
- Date of commencement of outbreak—
- Date of end of outbreak—
- Date of commencement of disinfection of wells—
- Date of completion of disinfection of wells—
- Total number of inhabitants at commencement of outbreak—
- Total number of deaths—
- Total number of attacks—
- Approximate number of wells in the place—
- Number of wells disinfected—
- Whether disinfection carried out by European or native agency—
- Number of attacks after date of completion of disinfection—
- Number of deaths after date of completion of disinfection—

The daily numbers of deaths during the epidemic should be entered on the following chart:—

Numbers of attacks.	Dates.
20	
19	
18	
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16	
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9	
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This form when filled up should be forwarded to the Chemical Examiner and Bacteriologist, North-Western Provinces and Oudh, Agra, North-Western Provinces.

ORDER—No. 801, Public, dated 26th September 1895.

Communicated to the Surgeon-General, whose special attention will be invited to the request contained in paragraph 2 of the foregoing letter. The previous correspondence referred to in paragraph 1 relates to the translation and distribution of Mr. Hankin's pamphlet.

(True Extract.)

Chief Secretary.

To the Surgeon-General.

Copy to the Revenue Department.

" " Local and Municipal Department.

Exd. A. Raitt,

Govt. of {1895} Madras.

PUBLIC.

Local & Municipal Dept.
CURRENT No. 29932

Issued

Recd. 15 OCT. 95

Encl. 5-50

G.O., No. 801, 26th Sept. 1895.

SEPTEMBER.

Epidemics.

Communicating to the Surgeon-General, with remarks, letter from the Government of India requesting that copies of Mr. Hankin's pamphlet entitled "The Cause and Prevention of Cholera" may be issued to all medical officers with instructions to record the results of any experiments made by them and to communicate the results direct to Mr. Hankin at Agra.

(with order)

N
T.S.

Order No. 2006 L. 22. 10. 95

Recorded.

W. A. 10/10/95

Copy to the Sanitary Commission

" " All Presidents of District Boards

" " " Chairmen of Municipal Com.

" " " Collectors

" " " The President Municipal Commission Madras

Sept. 13/10/95

No. 2006 L., 22ND OCTOBER 1895.

GOVERNMENT OF MADRAS.

LOCAL AND MUNICIPAL DEPARTMENT.

READ—the following paper:—

G.O., No. 801, Public, dated 26th September 1895.

Read—the following paper:—

From C. H. A. HILL, Esq., Under Secretary to the Government of India, Home Department (Medical), to the Chief Secretary to the Government of Madras, dated Simla, the 9th September 1895, No. 16-Medl.—618.

With reference to the previous communication noted in the margin on the subject of Mr. Hankin's pamphlet entitled "The Cause and Prevention of Cholera," I am directed to forward a copy of a memorandum from the Sanitary Commissioner with the Government of India, in which he communicates certain recommendations of Mr. Hankin in the matter of the disinfection of wells with a view to the checking of cholera epidemics, and suggests that they be circulated to all Local Governments and Administrations.

2. I am directed to request that, with the permission of His Excellency the Governor in Council, copies may be issued to all medical officers with instructions to record the results of any experiments made by them in the form attached to the memorandum and to send the results direct to Mr. Hankin at Agra.

ENCLOSURES.

MEMORANDUM.

During the past year Mr. Hankin, the Chemical Examiner and Bacteriologist to the Government, North-Western Provinces and Oudh, and others have been testing the possibility of checking cholera epidemics by employing various disinfectants in well water. Those hitherto used have been lime, alum and permanganate of potassium. Mr. Hankin recommends the use of the latter, as it has given the best results from the bacteriological standpoint, and he has submitted the following directions for its employment:—

A sufficient quantity of the solid potassium permanganate is to be added to give the water of the well a faint pink colour that lasts for at least 12 hours. One ounce of the substance will be sufficient for an ordinary-sized, clean well. This should be put into a *dol* or bucket, lowered into the well, hauled up, the water poured back into the well, leaving the residue of undissolved permanganate at the bottom of the bucket. The process should be repeated till all the permanganate has been dissolved. The disinfection should, if possible, be carried out at night, both in order to cause the minimum of inconvenience to the users of the water and in order to allow the well to remain undisturbed as long as possible. Half an hour after adding the permanganate a specimen of the water should be drawn up and inspected. If a red colour is still present, enough has been added. If the red colour has vanished, as may be the case if the well is dirty, a further quantity of permanganate should be added. The well should be again opened for use on the following day. Care should be taken to avoid hurting the caste feelings of natives in disinfecting wells. If possible, all the wells in the locality should be treated, in order to avoid the risk of driving the natives to a worse source of water than that of the treated well.

As it is necessary that the results of all such experiments should be recorded in an uniform manner, Mr. Hankin has drawn up the accompanying form, in which the facts connected with each case should be entered.

It is suggested that the form with the above instructions may be forwarded to the different Local Governments and Administrations, with the request that they will circulate copies to all medical officers serving under them. The results of any experiments made by individual officers should be forwarded by them direct to Mr. Hankin at Agra.

The 19th August 1895.

(Signed) J. CLEGHORN.

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Order—No. 801, Public, dated 26th September 1895.

Communicated to the Surgeon-General, whose special attention will be invited to the request contained in paragraph 2 of the foregoing letter. The previous correspondence referred to in paragraph 1 relates to the translation and distribution of Mr. Hankin's pamphlet.

(True Extract.)

(Signed) J. F. PRICE,
Chief Secretary.

To the Surgeon-General.

Copy to the Revenue Department.

" " Local and Municipal Department.

ORDER—No. 2006 L., dated 22nd October 1895.

Recorded.

(True Extract.)

J. F. PRICE,
Chief Secretary.

Copy to the Sanitary Commissioner.
" all Presidents of District Boards.
" all Chairmen of Municipal Councils.
" all Collectors.
" the President, Municipal Commission, Madras.

Gobt of {1895} Madras.
LOCAL AND MUNICIPAL.

Issued

Recd.

Encl.

G.O., No. 2006 L., 22nd Oct. 1895.

OCTOBER.

Epidemics.

Recording Government Order, Public Department, communicating to the Surgeon-General, with remarks, letter from the Government of India requesting that copies of Mr. Hankin's pamphlet entitled "The Cause and Prevention of Cholera" may be issued to all Medical officers with instructions to record the results of any experiments made by them and to communicate the results direct to Mr. Hankin at Agra.

BACK PAPER, No.

OF 18

READ AGAIN ORDER OF GOVERNMENT, DATED
18 . No.

FURTHER PAPER, No.

OF 18

ENCLOSURES.

CURRENT No.

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PRESS.

LOCAL AND MUNICIPAL DEPARTMENT.

G.O., DATED 22-10-95

No. 20062

INDEXED.

First copy sent to Press. 25/10/95

Returned for signature. 12/11/95

Despatched in print. 13/11/95

[Despatch Abstract.]

Epidemics.

Recording G.O. P.D. Commu-
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made by them & to commu-
cate the results direct to Mr.
Hankin at Agara.

Returned for signature.

(Order complete with Letter.)

Despatched in print.

READ AGAIN G.O., No.
180

DATED

CURRENT No.

ENCLOSURE TO C. No.

ORDER OF GOVERNMENT

LETTER OF GOVERNMENT.

STATEMENT WITH DITO.

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