

PROCEEDINGS OF THE PLAGUE COMMISSIONER.

(1898)

MISCELLANEOUS.

No. 1017

Dated 27-12-98

Despatched 29-12-98

[Despatch Abstract.]

Extension of Camp Accommodation at Arkonam.

Stating with remarks that any further extension of the Arkonam camp is at present unnecessary.

BACK PAPERS.

No.	Date.	No.	Date.

FURTHER PAPERS.

No.	Date.	No.	Date.

PLAGUE COMMISSIONER'S OFFICE.

(1898)

CURRENT No. 2227

To The Deputy General with 2 enclosures.

With reference to your letter No 6/1570 d/10 10/11, I have the honor to enclose copies of Dr. Hammett's report No 304 d/21-10/11 and the reply of the Colls of N. Ash, and to state that I agree with them in considering any further **Order** extension of the Arkham Camp unnecessary. The Colls may be trusted to do what is required when any emergency arises.

From

The Collector of North Arcot.

No. 609

I understand that the instructions printed on pages 97-112 were not intended to apply to railway inspection stations as the question relating to this equipment & Camp accommodation had already been settled by separate **FO** in each case. They are **difficulties** **adopted** when constructing plague hospitals & camps at **places** infected or imminently threatened with plague.

Dated 16-12-1898

Received 13-12-1898

Registered 13-12-1898

Enclosures C to 456. netd.

Spare copies

SUBJECT.

Resubmitting correspondence regarding the scale of accommodation to be provided in the Arkham camp &c.

Cy. & The Colls of N. Ash
" Billary
" Brantford
" Salem
" Com. & Co.
" Kistna

29/12/98
A.G.B.

BACK PAPERS.

No.	Date.

FURTHER PAPERS.

No.	Date.

[13]

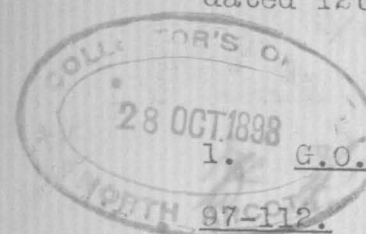
Copy of a letter from the Secretary, Surgeon General
with the Govt. of Madras to the Medical
Officer, on Plague duty, Ar Konam,
No. O/1396, dated 9th September 1898.

Your attention is drawn
to the rules regarding Plague Hospitals and
Segregation Camps in the book of "Madras
Plague Regulations and Rules" and to enquire
if you are definitely able to carry out the
principles involved as regards the separation
of true plague cases in hospital and the
complete separation from sick of cases under
observation "Suspects" and if not please
state what steps you have taken or
suggested to the collector to enable you
to do the needful.

True copy
[Signature]

Captain, I.M.S.,
Secretary, Surgeon General
with the Govt. of Madras.

Copy of a Circular from the Secretary to the Surgeon-General with the Government of Madras to all Medical Officers in charge of Plague Inspection stations, No. 4974 dated 12th September 1898.



The Madras Plague Regulations and Rules.

1. G.O. No. 629 P. dated 30th June 1898 printed in pages 97-112.

Attention is drawn to the orders contained in the above as regards equipment; Medical Officers are requested to report if they are in possession of those mentioned in the lists, if not what steps they have taken to acquire them.

2. Regulation 4 - Section III printed in pages 118-119.

The Medical Officers should report whether they have been supplied with the articles enumerated in it, if not what steps they have taken to obtain them.

3. Civil Medical Books II and IX.

They should use Civil Medical Book No. II and Stock Book (Civil Medical Book No. IX) in all hospitals, and Civil Medical Book No. II for segregation cases. Indents should be submitted to this office for these books.

4. Page 107 - Precautions in Hospitals.

The directions contained in it should be written out and hung up in each ward and explained to the menial servants.

(True copy)

Captain, I.M.S.,

Secretary to the Surgeon-General
with the Government of Madras.

Copy of a letter from the Medical Officer, on
Plague duty, Ar Konum to the Secretary,
Surgeon General with the Government of Madras
 No. H 84, dated 19th September 1898.

With reference to your letter
 No. Of 1396 dated 9th September 1898 and Circular
 No. 4944 dated 12th September 1898, I have
 the honour to bring to your notice the following
 points under the several headings contained in
 "Madras Plague Regulations and Rules" pages —
 97 to 112 pointing out the defects that exists at
 present in the Camp, and the steps taken to
 remedy some of them.

General directions.

1. The present camp satisfies
 all the conditions

4. The cubic space at present
 available for each patient
 are as follows.

Native Plague Hospital. 864 c.ft.

European — do — 1805.

Native Suspect { male in one shed - 744
 — do — in the other - 1805
 female in one shed - 972
 — do — in the other - 1805

European do — in one shed 1664 c.ft.
 in the other 1428

Temporary hospitals.

8. not satisfied

9. The flooring is of neither
 gravel nor red earth.

12. The accommodation and the superficial area of the present plague hospital are as follows.

Native plague 2 sheds each intended to accommodate 2 patients and superficial area of each - 192 Sq. feet.

European plague 2 sheds each intended to accommodate two patients and superficial area of each 236 Sq. feet.

13. Does not satisfy.

14. There are no verandahs to the native small plague sheds and ~~flaps~~ ^{flap} windows for the big shed.

15. All buildings are rectangular.

16. Will be attended to.

17. Bath rooms are attached but the floor of them is not impervious. No cisterns are provided, but there are 6 iron drums in the camp which may be used for the purpose when required. For natives no provision is made for bathing.

18. No special latrines provided. But there is a pukka

pukka built latrine situated at about 80 yards from the farthest plague shed, and 56 yards from the nearest plague shed.

19. No huts are provided for the relatives of the sick.

20. No provision for accommodation for the menial servants.

21. No nurses are attached and no quarters are provided for them.

22. No cook room is attached specially to the hospital. But there is one for the whole Camp and it does not satisfy the conditions. It is a thatched shed. No dead house.

23. The distance between sheds for females and males is about 10 yards and I think they are reasonable.

24. There are no buildings attached to the hospital.

Is Equipment of Hospital -

25. Complied with. -
Suspect Camp (in same compound)

26 to 30. The disposition of the present huts and its accommodation are as follows:-

The two sheds for the natives are on the plague side of

of the camp about 92 yards from the nearest plague shed, and one pukka building for natives on the suspect side of the camp partitioned by a wall into 2 compartments. The two sheds for Europeans one of which is a pukka building with a thatch roof and the other a thatched shed, are situated in a separate compound. The accommodation is as follows.

Pukka building (1) for natives intended to accommodate 6 persons, cubic space and superficial area available for each person, about 820 C. ft. & 91 Sq. ft.

Thatched sheds (2) for natives intended to accommodate 2 in each. Cubic space and superficial area available for each person about 1805 C. ft. 118 Sq. ft.

Pukka building (1) for Europeans intended to accommodate two. Cubic space and superficial area available for each.

31. The whole camp is fenced. No huts for the police in the compounds where European sheds are situated.

32. No huts at all for menial servants.

33. No special observation ward attached to the suspect camp; but now utilizing for that purpose the two plague sheds intended for Europeans.

34 & 35 } Apparently not applicable to this place.

Water supply for Hospitals & Camps

36. The water supply is from a well situated in the camp and provided with a pump and covered, but the latter is not in working order now. The matter has been reported to the proper authorities. At present it is open. No special guard is engaged, but the police has been asked to guard them. No light chain is provided for drawing water but a rope is used. No covered barrel with a tap or iron tanks are provided. No caste natives are employed for drawing water.

37. Will be attended to as often as the well becomes open.

Latrines in Camps and hospitals -

38. There are only two pukka built latrines situated midway between

between the plague and observation side of the camp. One of which is intended for plague cases - (vide above Sec 18)

the other is intended for Suspect Camp. The distance between it and the suspect sheds are as follows:- About 100 yards from pukka built native shed and 40 yards from thatched shed.

39. The cremation and burial ground for the town is about 2 miles from the Camp, but corpses can be carried to them through uninhabited parts.

General Sanitation }
precautions }

40. No wooden tubs are supplied.

41 & 42 } Are being attended to.

Camp Staff.

43 & 44 } Quite insufficient. As the annexed statement A will show.

45. No incinerator provided

46 & 47 } Are attended to.

48. No bazaars maintained as it is possible. But a separate person should be engaged to

to carry out the instructions.

49. Four more bairis are required for the present.

50. Are attended to.

51. No shoes are provided for the servants but it will be shortly supplied.

Appendix.

The annexed statement B shows the requirements under each heading.

2. Regulation 4 Sec. 3 printed in pages 118, 119 does not apply to this station.

3. British Medical Books 2 and 9 are being kept up since the commencement of the plague operations here.

4. Precautions in hospital will be attended to.

In conclusion I beg to state that there are no regulations either in the "Madras Plague Regulations and Rules" or any S.O. I am aware of giving a standard plan for the equipment of plague inspection station as at Konam with a plague camp attached to it. All regulations and S.O. refer to Frontier Inspection Stations (Railway and Road) and places where plague is prevalent. Some modifications are necessary to make them suit this place.

As desired by you during your inspection

inspection here, I invited the attention of the collector regarding the matters contained in G.O. No. 201. P. dated 14-3-98 and 256. P. dated 25-3-98, and the whole correspondence was communicated to you with letter No. 350 of 14-8-98 of this office. For other matters contained in Madras Plague Regulations and rules from page 97 to 112, as I was in doubt whether they applied to this station, I have not taken steps to acquire them, I request you would be kind enough to issue definite instructions as to the extent to which the regulations above referred to should be carried out here.

/ True copy /

[Signature]

Captain, I. M. S.,
Secretary, Surgeon General

With the Govt. of Madras.

Statement showing the strength of the present staff of menial servants as referred to in page 7 Sections 43 and 44 of the letter.

	number necessary	number at present	number still required	Remarks
<u>Plague Hospital</u>				
Male ward attendant	2	1	1	
Female ward attendant	2	1	1	
Cook	1	"	1	
Waterman	1	"	1	
Shoby	1	"	1	
Male Eoly	2	1	1	
Female Eoly	2	1	1	
Sweepers	1	"	1	
<u>Suspect Camp (in same compound as above)</u>				
Male ward attendant	2	1	1	
Female ward attendant	2	1	1	
Cook	1	1	"	
Waterman	1	1	"	
Shoby	1	"	1	
Male Eoly	2	1	1	
Female Eoly	2	1	1	
Dooly bearers	2	2	"	If the pump attached to well gets out of order which it often does 2 more separate persons should be engaged to draw water.
<u>Office Staff</u>				
Peon	1	"	1	Appointed this day.
Person for disinfection of Railway carriages	1	"	1	Coolies may be engaged when necessary.

Plague Camp
Ar. Romum 17-9-98

Sgt. C. Seymour Langley
Medical officer, on Plague duty.

/ True copy /

[Signature]

Secy, Captain I. M. S.,
Surgeon-General
With the Govt. of Madras.

Statement showing the nature and ^B extent of the equipment maintained here etc. referred to in page 7 See: Appendix.

Names.	number or quantity necessary.	number or quantity in stock.	number or quantity still required.	Remarks.
<u>Sanitary Equipment</u>				
Soap nut	lbs 10	lbs 5	lbs 5	
Soft soap	10	3	7	
Perechloride of mercury	100	6	94	
Commercial Sulphuric Acid	30	"	30	
Commercial Hydrochloric acid	30	"	30	
Phenyls.	60	20	40	
Potassiumate of Potash	15	9	6	
Half casks (wooden)	8	nil	8	
Galvanized iron buckets.	6	2	4	
Whitewashing brushes.	10	"	10	
Maps.	5	"	5	
<u>Drugs.</u>				
Acid Carbolic	3	"	4	2
Gallie	"	4	"	4
" Sulphuric	"	12	"	11
Ammonia Bromide	"	6	"	6
* Caffeine Citras	"	1/2	"	1/2
Hydrargyri Subchloridum	"	8	"	5
* Potassii Citras	"	2	"	2
* Hamamelis	"	2	"	2
Linquentum hydrargyri	"	4	"	4
Acid nitric hydrochloric dil	1	"	"	1
Liquor Irychnia	"	4	"	4
Liquor Hydrargyri Perechloride	1	"	"	1
Cerri oralat	"	2	"	2
Lysol	5	"	"	5
<u>Medical Stores.</u>				
* Chertan cots	18	"	"	16
Base mats	36	6	30	

not medical store supply.

There are 7 iron Cots in the Camp.

Medical Stores (Contd)			
Carpets	36		36
Copper Dekehas	2	1	1
Iron enamel cooking pots	6		6
Brick buckets	3	2	1
Hanging meat safe.	1	"	1
Hurricane lanterns.	4	"	4
Portable tables.	2	"	2
Tea piece	1	"	1
Large jars.	2	"	2
Hand basins	2	"	2
Lotion Bowls.	4	"	4
Bed pan.	8	6	2
See-box	1	"	1
Urinals.	8	6	2
For nurses.			
Portable ^{dressing} table.	1	"	1
" Side table	1	"	1
Easy chair	2	"	2
Hanging meat safe	1	"	1
Box with lock & key.	1	"	1
Table lamp	1	"	1
Dinner table cloth	2	"	2
Table napkins	6	"	6
Pudding dish	1	"	1
meat plates.	4	"	4
Sugar basin	1	"	1
Butter pot.	1	"	1
Portable cot & see	2	"	2
Counterpanes	2	"	2
Blankets	2	"	2
Portable washstand	2	"	2
See -			
Chamber pots.	2	"	2
Candle-stick	1	"	1
Hurricane lamp	2	"	2

P.T.O.

For Medical Subordinates

Cots (beds & pillow)	2		2	
Table	1		1	
Chair	1		1	
Dispensary furniture.				
Portable shelf or				
drugs sea	1		1	
Box for poisons.	1		1	
Medical and				
Surgical appliances.				
Ice bladders.	12		12	
Ice bags.	2		2	
Flannel	2 yds.		2	
Carbolic soap	12 cakes.		12	
Linseed.	10 lbs		10	
Dispensing bottles.	30		30	
Drainage glasses.	20		20	
Jars for disinfecting	6		6	
Large mixture bottles.	6		6	

There are
almirahs

Can be purchased
locally when
required.

Plague Camp
Arkonum 19-9-98

Sgt. C. Seymour Langley
Medical Officer, on Plague duty.

1 true copy

[Signature]

Secy. Captain, S. Ind.,
with the Govt. of Madras.

P.T.O.

No.

91870

OFFICE OF SURGEON-GENERAL

WITH THE GOVERNMENT OF MADRAS,

Madras, 10th October 1898.

From

SURGEON-GENERAL C. SIBTHORPE, F.R.C.P.

SURGEON-GENERAL WITH THE

GOVERNMENT OF MADRAS,

To

The Collector,

North Arcot District.

SIR,

I have the honor to forward copies of the

No. 484 from Medical Officer,
On Plague duty, Arkonam.
C/1396 dated 9th September 1898.
Circular No. 4974 dated 12th
September 1898.

: marginally noted correspondence for
: your information.

2. In my opinion the general

principles of the regulations should be adhered to and

equipments provided accordingly.

Encl. No. 304 d/21.10.98

Forwarded to the Col. N. aredd.
for opinion. Arkonam
is in a peculiar position being midway
between Madras and the Frontier Station.
It does not enclose any but it is
has a large population in its Camp or Hospital
As all European persons, will be probably
always removed from the town at
Johannesburg. Hospital for Madras or Tugabadra.
My own idea is that the actual
accommodation existing

by: Hospital for the European &
D. Mahan. & Camp for European & &
Madras to is sufficient. The establishment
appears to be sufficient for present
purpose; it can of course be enlarged
if many times more with the Camp.
The I have the honour to be,
Respectfully,
Sir,

Yours most obedient Servant,
C. Sibthorpe
Surgeon-Major Genl.,
Surgeon-General with the Government of Madras.
The Collector of North Arcot
with papers in original to be returned.

From

SURGN. MAJOR-GENL. C. SIETHORPE, C.B., F.R.C.P.I.,

SURGEON-GENERAL WITH THE

GOVERNMENT OF MADRAS,

No.

91570

Dated

10th October

1898.

Received

Subject.

Forwarding Copies of
Correspondence relative to
the separation of true
plague cases in hospitals
etc

Plague Court Office

No. 2227
Sis. no. 609 of 98

Resubmitted to the Plague
Commissioner

2. I do not agree with
the Surgeon-general that
the general principles of
the Regulations contained
in pages 97 to 119 should
be adhered to in the case
of camps attached to
Railway Inspection Stations.
Please see also G.O. no. 1106
P. dated 17th September
1898. The scale of accom-
modation to be provided
in the Arkonam camp
has been fixed in G.O.
no. 99 P. mis, dated, 28th
February 1898. On receipt
of this Government order
I, with the complete ap-
proval of Government,
increased the accommo-
dation in the camp by
erecting a fresh plague

Shed for natives and ^{by} roofing
the forest rest house in
the neighbourhood.
Please see G.O. no. 506. P.
mis, dated 20th May 1898.
As stated by you Arko-
nam is in a peculiar
position and it does
not ~~appear~~ ^{appear} to be
necessary to increase
the accommodation for
the present. There has
been considerable cor-
respondence on the subject
of the Arkonam camp,
between Government and
this office and the
Sanitary Commissioner,
and final orders were
passed by Government
in the matter. It does
not seem necessary
to re-open the question.

The medical officer
was to require two
separate

3. As for the supply of medicines, I may state that I have never refused to pass on the indents submitted by the medical officers.

CO
L. J. King

Then given for copying
Then copied
Then examined
Then signed

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