

G.O. No 222 W. 18.4.85
No 222

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Govt. of (1885) Madras.

MILITARY.

To THE QUARTER MASTER GENERAL,
&c., &c., &c.



Dated August,

Issued

Recd. 3/9/85.

Encl.

G.O., 31- August 1885, No. 4750.

AUGUST.

Nos.

No. 2063 W. 4-9-85

Sanitary.

Annual assignment of Rs. 2,190 to meet the cost of boiling the water supplied from the Ulsoor tank to the British Troops at Bangalore, sanctioned temporarily by the Government of India.

Water order

No. 2063 W. 4-9-85

Communicated to the
Suptg. Insp. V Circle
in continuation of G.O.
No 1924 W. 4-19-85
1885.

W.
1.9.85

Please send 80 x date
from 15th to 18th

13/19

S.E. V Circle
S.E. V Circle

Old 136/8

Old 142/8

18.8.85

GOVERNMENT OF MADRAS.
MILITARY DEPARTMENT.

31 August 1885, No. 4780.
Sanitary.

Read the following paper:—

No. From Colonel G. CHESNEY, Secretary to the Government of India,
Military Department, to Lieutenant-Colonel A. KENNEY-HERBERT,
Officiating Secretary to the Government of Madras, Military Department;
dated Simla, 17th August 1885, No. 854-C.

Sanitary.

In reply to your letter No. 4086, dated the 27th July 1885, I am directed to say, for the information of the Governor in Council, that the Government of India sanction an annual assignment of Rs. 2,190 being made in future under Grant 14 of the Madras Military Budget to meet the cost of boiling the water supplied to the British Troops at Bangalore from the Ulsoor tank, until such time as the water supply at this station is placed on a proper footing.

No. ORDER THEREON, 31 August 1885, No. 4780.
Communicated to the Provincial Commander-in-Chief and Departments concerned, in continuation of Proceedings of Government, No. 4085, dated 27th July 1885.

(True Extract.)

A. Kenney-Herbert Lt.-Col.,
Offg. Secretary to Government.

To the Quarter Master General.
" Commissary-General.
" Surgeon-General, Her Majesty's Forces, Madras.
" Controller of Military Accounts.
" Public Works Department. with 108/2

Ex-l. E. C. Shunker.

Ho 1924 W d f 19th August 1885

Communicated to the
Superintending Engineer
V Circle for information

Id. J. S. S.
13.8.85

Gobt. of 1885 Madras.
MILITARY.

To THE QUARTER MASTER GENERAL,
&c., &c., &c.

Dated July, 27th.

Issued

Recd.

Encl.

G.O., 27th July 1885, No. 4085.

JULY.
Nos. 414—417.

Cantonments—Water-supply.

Bangalore.—Charge of Rs. 6 per diem for firewood required for boiling drinking water supplied to the British troops at— from the Ulsoor tank, sanctioned pending further orders.

Superintending Engineer
V Circle

With order

GOVERNMENT OF MADRAS.

MILITARY DEPARTMENT.

31 August 1885, No. 4780.

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(True Extract.)

A. Kenney-Herbert

Lt.-Col.,

Offg. Secretary to Government.

To the Quarter Master General.

" Commissary-General.
" Surgeon-General, Her Majesty's Forces, Madras.
" Controller of Military Accounts.
" Public Works Department. *with 108/2*

Exd. E. C. Shunker.

GOVERNMENT OF MADRAS.

MILITARY DEPARTMENT.

27th July 1885, No. 4085.

Cantonments—Water-supply.

Read the following papers :—

No. 414. From Brigadier-General R. C. STEWART, Quarter Master General, to Lieutenant-Colonel A. KENNEY-HERBERT, Officiating Secretary to Government, Military Department; dated Ootacamund, 15th July 1885, No. 1619-B.

In Proceedings of Government, No. 2718, dated 7th June 1884, Government sanctioned, as a temporary measure, the boiling of water supplied to the British Troops at Bangalore from the Ulsoor tank.

2. When application was again made this year by the General Officer Commanding Bangalore Division for renewal of this sanction, the matter was referred to the Surgeon-General, Her Majesty's Forces, whose reply is attached.*

* No. 231, of 11th July 1885, with enclosure, from Deputy Surgeon-General, Bangalore.

3. As the Commander-in-Chief is of opinion that it is practicably impossible to prevent the gathering ground and supply-channels of the Ulsoor tank from being constantly defiled in the manner stated by the Deputy Surgeon-General, Bangalore, His Excellency considers that, until some new system of supplying the troops with water is adopted, the conditions which the Surgeon-General mentions as requiring the water to be boiled will continue to exist, and he therefore desires me to solicit that Government may be moved to sanction as a permanent measure, while the Ulsoor tank water is used, a charge of Rs. 6 per diem for the wood required to boil it before drunk by the troops.

From J. IRVINE, Esq., M.D., Surgeon-General, Her Majesty's Forces, Madras, to the Quarter Master General; dated Ootacamund, 11th July 1885, No. 231.

With reference to your No. 1537,† dated 7th July 1885, I have the honor to inform you that in my opinion the analysis of the Ulsoor tank water still indicates the necessity of having it both boiled and filtered in order to render it usable.

2. On this subject I beg to enclose you a copy of a letter, No. 887-M., dated 8th July 1885, from Deputy Surgeon-General Tarrant to the Assistant Quarter Master General, Bangalore Division, regarding the present most unsatisfactory state of the water-supply in Bangalore, and to state that I consider that, as long as the water-shed and drains supplying the Ulsoor tank are allowed to remain in the condition therein described, the system of supplying the men with boiled and filtered water should be continued.

From T. TARRANT, Esq., Deputy Surgeon-General, Her Majesty's Forces, Bangalore Division and Ceded Districts, to the Assistant Quarter Master General, Bangalore Division; dated Bangalore, 8th July 1885, No. 887-M.

I have the honor to report, for the information of the Officer Commanding, that on the 4th instant I made a careful personal inspection of that portion of the Ulsoor tank where it meets the upper tank, separated by a bridge consisting of eight arches, "seven of these contained human faeces;" the upper tank was for the most part dry. Following up the superficial drain situated in this tank to the outlet of the nullah which conveys the rainfall from Baderhully

direction, I found that it was in a very insanitary state, especially in the neighbourhood of native villages it was converted into a "vast latrine," so were also the arches of the bridge over this nullah on the Cavalry road. Following up the nullah I came to a small ravine about two hundred yards in length, and on the edge of it has been erected a latrine No. 12-47; this, I was informed, was for the use of the Natives of Cundasawmy's tannery, which is close by on a higher level than ravine or nullah. I inspected this tannery and found it in a most filthy state, several square pits on the ground full of decomposing animal matter; soakage from these places and the latrine must reach the nullah. Close to Baderhully I observed several heaps of rubbish deposited close to the edge of the nullah, and twelve graves, one actually in the bed of the nullah, the remaining eleven close by. Above Baderhully are situated two small tanks used principally by natives for washing cloths, the overflow from these goes into the nullah. From the foregoing it is quite evident that the water-supply reaching the Ulsoor tank from Baderhully direction is fouled by every abomination it is possible to conceive.

On the 7th instant I made a careful inspection of the water-channel commencing at the Queen's Own Sappers and Miners' works. The channel between the latter and bridge on St. John's road contained a quantity of decomposing vegetable matter. The bridge consists of six arches, "five contained human faeces;" the water-channel from the bridge to back of old market comparatively clean, except where crossed by a bridge; "arches used as a latrine." In the neighbourhood of back of the old market "latrine No. 20-67" was erected, not a foot from wall of water-channel, and it was quite apparent that soakage had been going on from the former into the latter. At the bridge of Blackpully road there was present in the "water-channel" a large quantity of most "offensive sewage;" this was accounted for by an Inspector who was present, and informed me that the sewage drain was stopped, and in consequence sewage escapes into the "storm water drain" and from that into "main water-channel." It appears that this serious defect exists in all the system of drainage throughout the cantonment. I have carefully inspected the numerous superficial drains conveying rainfall to the Ulsoor tank from time to time and they contained "human excrement." I am of opinion that proper supervision is not maintained, and it is absolutely necessary some active steps should be at once taken to cleanse all nullahs, drains and water-channels conveying water to the Ulsoor tank and maintain them in a proper sanitary state.

No. 1162.

Copy forwarded for information of the Surgeon-General, Her Majesty's Forces.

(Signed) T. TARRANT,
Dy. Surgeon-General, H.M.'s Forces,
Bangalore Division and Ceded Districts.

8th July 1885.

No. 415. With report from Controller of Military Accounts; 17th July 1885, O.-F.

No. 416. ORDER THEREON, 27th July 1885, No. 4085.
Sanctioned pending further orders.

No. 417. To the Secretary to the Government of India, Military Department;
dated 27th July 1885, No. 4086.

(True Extract.)

(Signed) A. KENNEY-HERBERT, Lt.-Col.,
Offg. Secretary to Government.

To the Quarter Master General.

" Commissary-General.
" Surgeon-General, Her Majesty's Forces, Madras.
" Controller of Military Accounts.
" Public Works Department.

Exd. E. C. Shunker.

No 1924 W d. 19. August 1885

Communicated to the
Superintending Engineer
V Circle for information

Id. J. S. S.
13.8.85

Gobt. of (1885) Madras.
MILITARY.

To
THE QUARTER MASTER GENERAL,
&c., &c., &c.

Dated July, 27th.

Issued

Recd.

Encl.

G.O., 27th July 1885, No. 4085.

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Nos. 414-417.

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With order

Superintending Engineer
V Circle

G.O. No 1924 W. 18. 4. 85
No 4085. 1. 1. 85

No 2063 W d. 4 Sept / 85.

Communicated to
the Suptg. Engineer V
Circle in continuation
of G.O. No 1924 W dated
19th August 1885.

(Signed) J. S. S.

S.E. V Circle

P. H. D.

Gobt. of (1885) Madras.
MILITARY.

To
THE QUARTER MASTER GENERAL,
&c., &c., &c.

Dated August,

Issued

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G.O., 31 August 1885, No. 4780.

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