

Local & Munl. (1895) Department.

MISCELLANEOUS.

G.O., No. 1216 M

DATED 29th July 1895.

[Despatch Abstract.]

Water-works.

Referring to the Chief Engineer, for favour of opinion,
Sanitary Commissioner's remarks on the Adoni-----.

BACK PAPERS.

G.O.	No.	Department.	Date.	G.O.	No.	Department.	Date.

FURTHER PAPERS.

G.O.	No.	Department.	Date.	G.O.	No.	Department.	Date.

[7]

Miscellaneous.

LOCAL AND MUNICIPAL DEPT.	
G.O., DATE	29 th July 1895
No.	1216 hr

When given for copying.

[Despatch Abstract.]

Water - Works

Referring to the Chief
Engineer, for favour of opinion
Sanitary Commissioner's
Remarks on the Adoni

READ AGAIN ORDER OF GOVERNMENT, DATED
189 , No. , MISCELLANEOUS.

BACK PAPER, No.

OF 189

FURTHER PAPER, No.

OF 189

ENCLOSURES.

CURRENT No.

STATEMENT WITH DITTO.

ORDER OF GOVERNMENT

STATEMENT WITH DITTO.

PAPERS NOT FILED UP, BEING MEANT FOR DISPATCH
IN ORIGINAL (not paged).

N.B.—

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Copied by
Examined by

No. 11

OFFICE OF SANITARY COMMISSIONER,

Camp Botacumind
East St. George
17 June 1895
Rept. 218

From

SURGEON, LIEUT.-COL. W. G. KING, M.B., C.M., D.P.H.,

By: SANITARY COMMISSIONER FOR MADRAS,

To

THE

Chief Secretary

to Government

Local & Municipal Department

Enclosure.

SIR,

I have the honor to inform you that a copy of the remarks made by the Sanitary Engineer in his letter, No. 1471 dated 21 May 1895 was in the 14th instant supplied to me. I respectfully beg permission to request that in justice to this office and myself, the following remarks therein may be kindly considered by Government before passing orders.

2. To the best of my information, there is reason to believe that the amount of water that can be gathered by the new works at Adoni must fluctuate seriously from time to time, on account of the variable rainfall to be expected in the area concerned. Acting upon this information, and in consideration of the fact that a limited supply of water

80 205 m. l. in
19.5 76

for a population is a sanitary evil, I suggested in my Inspection Notes that the feasibility should be considered of (1) including the Ramangela Tank and the hill forming its catchment area (2) ^{and} that if the old rain-fed tanks in the ~~rocks~~ on which the Fort is built were cleaned out and the catchment area were in future kept thoroughly clean, the water might be syphoned down into the ~~River~~ reservoir, and that "such a supply would be worth having in emergencies."

3. As to the first suggestion, the Sanitary Engineer shows that the spring had been included; but gives no good reason why the proposal as to the tank and hill should not have been pursued and settled. On the second point, I necessarily accept his opinion as an Engineer that the suggestion is not feasible; although I would point out that beyond the length of pipe said to be required, no data as to amount of water, or size, and cost of pipe are forthcoming.

4. In paragraph 36 of my Report,

I then proceeded to point out that the design of the filtration reservoir showed that the roofing would permit the entrance of light [and dust]. This the Sanitary Engineer denies. The correction I gladly accept, but I must state that this was to the best of my belief at the time not exhibited on the plan shown ^{me on the spot, in the presence of the ~~Sanitary~~ ^{Asst. Sanitary} Engineer.} The only explanation seems to me to be that this was provided for in the estimate, which I did not see. I further stated that the arrangement did not permit of an automatic regulation of the head of filtration, and that, consequently, the purity of the water as affected by filtration would vary. The Sanitary Engineer insists that such arrangements in water-works are of very recent origin. He must doubtless be better informed than myself on such points; but I have to state that the method has been in operation in Berlin for several years, and that its adoption has been insisted upon in the new works at Hamburg and that the new filter-beds at Poona, which are

are of anterior date to those of Adoni
are so provided. Further, I affirm that
without such arrangements for regu-
lating the head of filtration, the ef-
ficiency of filtration of water, and
therefore its sanitary safety, must
vary, and that the Sanitary Engineer's
assumption to the opposite is an
erroneous sanitary deduction.

The Sanitary Engineer openly re-
sents such suggestions and criticisms,
and maintains that only "by exercise
of forbearance" can such remarks be
tolerated. The grounds given for
these remarks are of the mixed char-
acter that certain of the suggestions
have already been considered and that,
in any case, such remarks should
proceed from a Chief Engineer and
not from the Sanitary Commissioner.
As regards the first ground, I would
respectfully point out to Government
that, irrespective of my special
function as Sanitary Commissioner
having the responsibility of being the
adviser on sanitary matters to
Government; in common with all pub-
lic servants, I presume I have the
right to make suggestions for the
public good to Government in connection
with

* G.O. dated 16th
November 1894, No 2380

with my own departmental work.
Indeed, my right to make such
proposals is recognized in para 4 of the
Sanitary Board Rules. The mere fact
of my recommendations being sent
to the Sanitary Engineer by Govern-
ment, showed that it did not
consider that I had exceeded my
rightful functions. Had I laid down
that the pipe from the hill waste
be of such and such a diameter,
and that the gradient waste be
so and so, I certainly should have
been guilty of trenching upon the
Engineer's reserve; but, I respectfully
maintain that neither in substance
nor in language is there anything
in the matter placed before Govern-
ment that might not well have
been met by him, without the exer-
cise of the slightest "forbearance",
beyond that demanded of him
in the exercise of his public duty.
That certain of the recommendations
had already been considered, and that
he had been given the trouble of re-
considering or re-stating them is no
fault of mine - for up to date of pro-
mulgation of the new rules for the
Sanitary Board, it was impossible for
me

me to gather any information as to works intended to effect sanitary ends. Indeed, had the Sanitary Engineer permitted this office to be aware of the design of his filter beds and their covering before issue of the design, neither criticism nor report would have been necessary on my part, nor would my time have been wasted in making them.

7. The assumption by the Sanitary Engineer, who has not taken the trouble to consult his colleague as to the sanitary bearing of works he evolves, that on going to inspect a town the Sanitary Commissioner shall not give his opinion as to the sanitary results secured, is, I think, absurd, and such opinions demand on my part considerable forbearance. Had I proceeded to say that the joints in the masonry of the reservoir were outrageously large, that hammer-dressed masonry had been placed where chisel-cut should have been supplied, I should have been guilty of all but Jones would suggest; but seeing that I have confined myself strictly to a valuation of the sanitary results for which the works are designed, I trust

trust Government will do me the justice of supporting the functions of my office. I need hardly add that to the sanitarian and not to the Engineer is science indebted for ascertaining the necessity for regulating the rate of filtration, and of maintaining filtered water in the dark. The sanitarian cogitates requirements, the Engineer executes them; and it is the duty of the former to see that his views have been correctly provided for. So far as my inspection of major sanitary works executed by this young Department in Trichunopoly, Madras, Coonoor, Ootacamund, Cuddalore and Adoni has proceeded there is, in my humble opinion, every reason to believe that my sanitary criticisms were requisite in the public interest. The necessity for my action in this matter was also confirmed in para 8 of the Army Sanitary Commissioners Memorandum on the Madras Sanitary Report for 1891.

G.O. No. 2139 L
Lt Col dated 27th
September 1893.

8. As to the remainder of Mr Jones's remarks, I need hardly say that he has accidentally failed to understand what

what seems to me to have been a very simple suggestion put in simple language, and that seeing the matter has come before ^{him} since the inauguration of the new Rules governing the Sanitary Board, I think the least that might have been expected of him was that as he expressed doubt as to my intentions, he should have enquired from me what I did wish to be effected, instead of forcing interpretations that have literally no connection with the matter the ~~matter~~ held by me in view. It seems to me almost incredible that Mr. Jones, with my notes before him, should have thought it necessary to assume that I wished to fill a well (already provided with water by Nature) by means of the pipes of the public water supply, and then go to the expense of lifting it - my object being obviously to save expenditure of that water in view of the limited supply available.

9. Mr. Jones ^{would} point this argument by suggesting that were he to interfere with my "medical" [sanitary?] functions, I would not tolerate it.

In

In illustration of the fact that such an interference has occurred, and has been tolerated without one word of remonstrance from this office, I may quote G. O. N^o 869 dated 21st September 1891 Revenue which embodied from the pen of Mr Jones a voluminous report of a strictly sanitary character, and which induced Government to concede a doctrine at absolute variance with world-wide sanitary experience.

10. A personal controversy of this nature can, I am aware, not fail to be most distasteful to Government, and I make these remarks with the greatest hesitation; but I consider that, having been thus openly attacked by Mr Jones, no choice is left me but to defend myself from the charge of interference he has brought against me. I may add that this attack has come upon me unexpectedly, and is in my opinion founded on no good grounds whatsoever.

I have the honor to be
Sir

Your most obedt servt

W E King

Surgeon Lieut Col

Ag Sanitary Commissioner

732 m
1969 m
1969 m

Municipal Dept
1969/12
CU
Local & Municipal DEPARTMENT.

From
W.G. King M.B. Ch.
SURGEON LIEUT.-COL. L.A. LING, 2 P.H.
SANITARY COMMISSIONER FOR MADRAS,

To
THE Chief Secretary to Govt.
Local & Municipal Dept.

No. J
11

Dated 17th June 1895
Despatched 21st June 1895
Received 21st June 1895

ENCLOSURES.

Subject.
Requesting that before
passing orders on the Sanitary
Engineer's letter to the Adoni
water works his remarks may
be considered.

[930-8-12-92.]

G.
24.
600-8-3-95.

Papers to be read in proceedings: Land M. DEPARTMENT.

Again G.O., dated 1-5-95 189, No. 732 m.
Again G.O., dated 19-6-95 189, No. 995 m
Current No. of 189, dated from

Current No. 1969 m of 1895, dated 17.6.95 from the Sanitary Commissioner

ORDER. 29-7-95 No. 12/1895

The papers will be referred to
the Chief Engineer for his opinion
as to whether the modifications in
the design of the filtered water
reservoir suggested by the Sanitary
Commissioner in para 3(d) of his
inspection notes on the town of Adoni,
printed in G.O. dated 12th May 1895 No. 732 m
are advisable, and whether they
could now be introduced without
much expense.

C.E. (from order)
12-VII 28
22/7/95

To
The Chief Engineer
3/8/95 P.W.P.
with copy of 732 m
1-5-95

With reference to St. L's remarks
in para 6-10 it is submitted

Ken
nase
order

Recorded with reference
to G.O. 19th June 1895, No. 995 m.
and with the remark that further
correspondence on the subject
must cease. 12
10/7/95
b.VII.

With reference to paras 6-10 of Dr. King's letter
which should say that we have already
expressed the opinion that the remarks to which
Dr. King's letter refers were inadvisable -
As to the question of the introduction of the
new design - I should like to see the opinion of the
C.E. as to whether the modifications are introduced without
much expense. This can be got before now.

Dr. King, with some justice on his side
apparently, disputes Mr. Jones's conclusion
on the technical points raised but then
seems to be nothing to be gained by
continuing the controversy for Mr. Jones will
never accept his conclusions.

C.E.
6-VII.
These two are a perfect nuisance. They
are a pair of official procrastinators whom
it is difficult to keep on order. One
is just as bad as the other.
Sanitary Commissioner
With Copy of G.O. 19th June 1895
(P.H.)

the order expressing the opinion that
 D^r King's criticisms were unobjectionable
 had not issued when this letter
 was written, and that D^r King's
 only object in writing it seems to have
 been to let Government hear both
 sides of the case before coming to
 a decision. In these circumstances
 perhaps it would be as well to
 record the papers without further remarks.

Controversy between Mr^s Jones and
 D^r King concerning the Adm^r
 underworks.

12-11-11
 24/7/55.
 I should prefer to make
 the remarks I have
 suggested -
 Mrs

(from others)

with note for H.C.

June
 Mrs. J.F.

When given for copying _____
 When copied _____
 When examined _____
 When signed _____

189

READ AGAIN G.O., No.
 189

DATED

CURRENT No.

ENCLOSURES TO G. No.

ORDER OF GOVERNMENT A A A A A A A

LETTER OF GOVERNMENT

STATEMENT WITH DITTO.

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