

Local & Munl. (1895) Department.

MISCELLANEOUS.

G.O., No. 995/m

DATED 19th June 1895

[Despatch Abstract.]

Water-supply.

Recording, with remark, Sanitary Commissioner's remarks on
the Adoni-----scheme, and the Sanitary Engineer's reply thereto.

BACK PAPERS.

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

FURTHER PAPERS.

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

INDEXED.

Miscellaneous.

LOCAL AND MUNICIPAL DEPT.

G.O., DATED 19-6-95

No. 9957m

When given for copying.

[Despatch Abstract.]

Water supply

Recording with remark
Sanitary Commissioner's
remarks on the Abani
Scheme and the
Sanitary Engineer's reply
thereto.

BACK PAPERS.

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

FURTHER PAPERS.

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

INDEXED.

Miscellaneous.

LOCAL AND MUNICIPAL DEPT.	
G.O., DATED	19-6-95
No.	995/m

When given for copying.

[Despatch Abstract.]

Water supply

Recording with remark
Sanitary Commissioner's
remarks on the Abani
scheme and the
Sanitary Engineer's reply
thereto.

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

BACK PAPER, No.

OF 189

FURTHER PAPER, No.

OF 189

Cuo 1969 2/95

ENCLOSURES.

CURRENT No.

STATEMENT WITH DITTO.

ORDER OF GOVERNMENT

STATEMENT WITH DITTO.

PAPERS NOT FILED UP, BEING MEANT FOR DESPATCH
IN ORIGINAL (not pagged).

N.B.—

- A = Copy in full.
- B = Not to be copied.
- P = Copy abstract only.
- Q = Copy heading only.

Copied by

Examined by S. N. N.

S. E. 19-3-95—1,000.

GOVERNMENT OF MADRAS.

No. 1471

OFFICE OF SANITARY ENGINEER,

Fort St. George, 21st May 1895.

From

J. A. JONES, Esq., MEM. INST. C.E., F.R.S.E.,

SANITARY ENGINEER TO GOVERNMENT,

To

The Chief Secretary to Government,
Local & Municipal Deptt.

SIR,

With reference to G.O. dated 1st May
1895 No. 732 M. Local & Municipal, I have
the honor to remark as follows:—

Re: Para: 3(C) of Suspension notes:— The
question of the inclusion of the Ramjella
Tank was duly considered when the
scheme was forwarded to Government
for approval. The following is taken
from the report accompanying the scheme
"30. The collector of Bellary objected to
the Ramjella spring and the tank being
taken up for the purpose of the scheme as
being a private tank and irrigating
6.65 acres of land. If as Mr. Russel

points

points out 132 acres of wet cultivation are to be taken up under the large tank, there would seem no reason for omitting the requisition of 6.65 acres. It is doubtful if the Ramangudi Tank is a private tank. The land is wet inam land; both the bund and the bed of the tank are government Poramboke, and though the land pays no quit-rent as temple inam, it pays land cess calculated on the wet assessment rate of $\frac{3}{4}$. The cost of the acquisition would not in any case be large, as the lands (6.65 acres) would in any case be cultivable as dry lands. I am inclined however to think that the spring may be diverted without injuring the tank or irrigation under it, as the tank is chiefly fed by a nullah which also feeds the spring."

2. This was done.

3. The proposal to bring water into the Vallacheruvu tank from the rain fed tanks on the hill needs little consideration. In the first place the largest tank is already within the water spread of the Vallacheruvu. The water

water lost is merely what remains in the tank as its overflow goes into the Vallacheruvu. Again its area is only 0.09 of a square mile and the rain seldom fills the tank. What does get into the tank is used for irrigating a small patch of land, some 5 acres in extent. The tank could be breached, but it is not worth while doing that and of course no syphonage is required as the water could be led into the Vallacheruvu Tank along the overflow channel. Its actual catchment area is not at all clean as persons camp on that area and the tank is therefore advantageous as it is. The other tank of any size is 5000 ft away from the Vallacheruvu and is one half the size of the one already spoken of. It is not in the same basin & to lay 5000 feet of pipes for carrying in such an insignificant supply is not to be thought of.

4. Re: Para: 3(d) of Inspection notes: - The design of the filtered water reservoir is not and never was as stated by Dr. King. The statement that there is no method of automatically regulating the head of filtration is correct; but

but the ordinary apparatus has been provided for regulating the head. Very few water works have any automatic apparatus - in fact it is of recent invention and seldom adopted. The rate of filtration will, however, not vary ^{not} ~~with~~ with the purity of the water supplied.

5 Before passing to the next point I think I may not be wrong in pointing out to Government that such criticisms as those replied to, seem to be such as the Chief Engineer might properly make, but which it seems is no part of the duty of the Sanitary Commissioner to prefer. Similar criticisms by the Sanitary Engineer of methods adopted by the Sanitary Commissioner would certainly not be well received, if they related to medical questions and only by the exercise of forbearance can such criticisms lead to anything but friction. It would appear therefore desirable that each officer should limit his criticisms not only in such a case as this but in cases coming before the Sanitary Board to his own particular sphere. I trust Government will

will pardon my drawing attention to this matter, but I do so because it causes waste of time & expense to reply to criticisms and proposals such as must either have been already considered by the Engineering officers or which were not worthy of consideration and therefore never proposed.

6. Re: Para: 3 (c) of Inspection notes: - I do not quite understand whether it is proposed that persons should bathe in and that water should be drawn from the same tank, (the Vencanna Bavi) for the washing of clothes. If that is the proposal no doubt the Sanitary Commissioner has good reasons for it and in any case, it is not one for the Sanitary Engineer to criticise.

7. The question of dealing with this tank also received attention in report already alluded to viz.

"32" The Collector refers to a tank in the town called the Vencanna Bavi which he proposes should be used as a storage reservoir. This proposal has something to commend it, but I should use the Bavi only

only as a subsidiary reservoir to be filled during the year when a large surplus was running to waste. The tank for this purpose might be filled with earth up above its present water level which is some 28 feet below the surface. It would then store some 3,218,062 gallons or 14 days supply for the whole population."

33- Mr. Russel in stating his objection to the Collector's proposal has entirely overlooked the fact that it is quite possible to use the Vencanna Bavi and other such tanks without pumping out the water & without intermixing the filtered water with the contents called "diluted sewage" but which are really not so. The only thing necessary to be done is the filling up of the tanks to their present water surface (some 28 feet below ground) & puddling and making the new bottom cas. suitable for retaining of filtered water which will come in ordinary cases through the pipes which have in any case to be laid

8 As to its being a good place for a dhobie-khana that may be so, but I fail to see the advantage of throwing water into a deep tank for the purpose of lifting it out again - if a dhobie-khana is required the water can be delivered direct from the pipes. If the Sanitary Commissioner did not intend to use the water from the new water supply works I do not understand his reference to these works in the paragraph being now dealt with.

9. The cost of filling up the tank would be considerable and I am inclined in the light of a better knowledge of the tank, to recommend that it be left as it is. Bathing places can be erected anywhere in the town where decided to be necessary or desirable. The tank, moreover, is a very deep one and even if filled up to 28 feet below ground, there is the difficulty of keeping the water in it pure. The tank would always have to be emptied by mechanical means for the purpose of cleaning as no scour outlet could be arranged.

arranged. I think that these reasons are
sufficient to urge against the proposal
to use it as a bathing tank even if filled
with water from the new works.

I have the honor to be,

Sir,

Your most obedt servant,

Alfred

Sanitary Engineer to Govt

6
5
4
3
2
1
0

arranged. I think that these reasons are
sufficient to urge against the proposal
to use it as a bathing tank even if filled
with water from the new works.

I have the honor to be,

Sir,

Your most obedt servant,

Alfred

Sanitary Engineer to Govt

90. 732 m 1895
" 697 m 1893

S.E. 25-5-94-500.

Local & Municipal Dept.
CURRENT No. 1684 m

1895.

From
The Sanitary Engineer
to Government,

To
The Chief Secretary
to Government
Local & Municipal Dept.

No. 1471

Dated 21st
Despd. 22nd } May 1895.
Recd. 22 MAY 95

Enc.

Subject.

Adoni Water Supply Scheme

Submitting his remarks
on the suggestions made by the
Sanitary Commissioner in his
inspection notes regarding the —

27/5 2/27/5

[G.]
25.
60-7-8-95.

Land & Municipal DEPARTMENT.

C. No. 1684 m

FOR ORDERS.

In his inspection notes on the
Adoni Municipality (para 3) the Sanitary
Commissioner made the following sugges-
tions:—

- (a) that as the supply of water under the
new scheme might be deficient in quan-
tity certain additional tanks should
be included in the scheme.
- (b) that the filtered water reservoir should
be completely covered and arrangements
made for regulating automatically the
head of filtration.
- (c) that a certain tank named the Venkanna-
bani should be converted into a 'dhotikhana'.
At the instance of the ^{Municipal Council} ~~Taluk Board~~ these
were referred to the Sanitary Engineer for
remarks.

1. With reference to (a) the Sanitary
Engineer replies that, as regards one of the
tanks mentioned, the spring which feeds it
has already been diverted into the reservoir
and that in the inclusion of the others
would not be advantageous.

G.
25.
7-5-95.

C. No.

3. As regards (1) the Sanitary Engineer dismisses the correctness of D^r King's description of the reservoir. He admits the want of automatic arrangements for regulating filtration but says that these are only of late invention and not generally used.

4. His remarks on (2) are not very clear; but, assuming that the Sanitary Commissioner proposes to use the water from the new water supply for the 'dhoti khana', he states that it would be better to take it direct from the pipes than to pump it into the tank and pump it out again.

5. He further takes this opportunity to object to criticism by a medical officer or engineering schemes, stating that "it causes waste of time and expense to reply to criticisms and proposals such as must either have been already considered by the Engineering officers or which were not worthy of consideration and therefore never proposed."

6. It is submitted that as regards the proposals made in this instance there is nothing to be done but to record his reply and communicate an extract from it to the Council. Orders are solicited as to whether D^r King is to be requested to avoid criticisms of engineering schemes for the future as being beyond his proper sphere. This is not the first time he has entered on

FOR ORDERS.

I can't see any objection
as to D^r K's remarks.
Mr. J. should be told so.
MS

MS
12/6/95

27/5 2/27/5

FOR ORDERS.

criticisms of this kind and considerably lengthened his reports thereby. At the same time considerable value attaches to his suggestions.

Cpt
6-11-
I don't see that there is in D^r King's remarks anything to which he has not taken any particular exception. If he thinks otherwise I submit that D^r K may have a word demurely.
His tone, skin is quite as thin as that of D^r K.
LD

10/6/95

Order dated 19-6-95 No. 995

Recorded.

2. With reference to para 5 of his letter the Sanitary Engineer will be informed that the Government sees no objection to the criticisms to which he takes exception.

Cpt
13-11-LD
15/6/95 (from orders)

To

The Sanitary Engineer

The Chairman S. C. Adoni (see para 2 and para 3 of the letter)

1684m

Sanitary Commission's remarks on the
Admiral's undersupply scheme and Sanitary
Engineers' reply thereto.

FOR ORDERS.

H. Au

998h

C.S.

From 1891

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

189

READ AGAIN G.O., No.
189 ,

DATED

CURRENT No.

ENCLOSURES TO C. No.

ORDER OF GOVERNMENT

A A A A A A A

LETTER OF GOVERNMENT.

STATEMENT WITH DITTO.

PAPERS NOT FILED UP, BEING MEANT FOR DESPATCH
IN ORIGINAL.

N.B. -

A = Copy in full.
B = Not to be copied.
P = Copy abstract only.
Q = Copy heading only.