

MR L & M
[L. & M.]
Local & Munl. (1898) Department

MISCELLANEOUS.

G.O., No. 718. M.

DATED 4-4-98

INDEXED. *SL*

DESPATCHED

[Despatch Abstract.]
Water Supply. Referring to the municipal
Councils of Chidambaram & Cuddalore
for early remarks letter from the Superintendent
Engineer 5th circle regarding the — to
these municipalities.

BACK PAPERS.

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

FURTHER PAPERS.

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

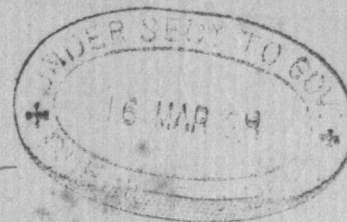
Cuo 1912 h/98 Reminder from the P.W. D
 Cuo 2480 h/98 — 50 — 80 —

Public Works (1898) Department.

CURRENT No. 1004 2505

See 4
nice

Order L.P. 718 Mins. 8/4/98



The Superintending
 Engineer's letters read above will
 be referred to the municipal councils
 of Chidambaram and Cuddalore for early
 remarks.

From

P. W. Deptt.
 The Chief Engineer
 for the Government

No. 81-1577 C

128
30/3/98

AT 3138

Dated 15-3-98

Received 16.3.98

Enclosures 5

Spare copies

SUBJECT.

Water supply to Chidambaram
 and Cuddalore Municipalities
 Note suggested that the question
 of charging for —, for drinking
 purposes, from first supply
 through the Collector of South Arcot Works. may be submitted to the
 local & municipal Dept for
 remarks.

2 of two of the 850
 letters 10

The Chairman. In. C. Chidambaram
 Cuddalore

16/3/98
 21/3/98

FURTHER PAPERS.

From Supp. Expt. V. circle. N° 315-E.V. of 12th hour. 197.

Dr. so S.A. of 3 Dec. 1977.

Do Do 77 E. J. 7 28th Feb. '98.

no. 87 I 2 10-3-98.

Note by the Chief Supr.
for Irrigation

1. In June last the Ex^t. Sup^r. South Street D^y represented to the Sup^r. Engr. V. circle, that the Chudambaram Multy. apparently considered that it had a right to a supply from

² Through the Ponneri tank.

the Veeraman tank &
that irrigation interests
should suffer rather than
the Genl. Supply should
be in any way curtailed.

The Ex. Engr. represented that it was not always possible to find such a supply to the Mnlty. without some injury to irrigation interests and asked whether an application from the Chairman of the Mnlty. to fill up the Muml. tanks should be complied with without considering how irrigation interests would

ould be affected. Some
correspondence took place
between the Exe. Engr. & the
Supp. Engr. & the Collector was
addressed on the subject.
The Collector cited the case
of Cuddalore which was
also supplied with water
free of cost and expressed
the opinion that the con-
sideration of the question
of charging the Municipalities
for mt. water might be
postponed until they had
been provided with proper
drinking water systems, when
they would be in a position
to obtain additional funds
by the imposition of a water
rate.

2. The Supp. Engr. was asked
to submit estimates of the quanti-
ties of water hitherto actually
supplied to the two Municipalities
of Chidambaram & Cuddalore.
with proposal for measuring
the water & as to the rate
he would propose to charge
for it. The reports now sub-
mitted by the Supp. Engr. with

his Rdt. No. 77 E.S. of 28th Feby
'98, show that there are
eleven tanks in the
Chidambaram Multy.
which are filled up three
times a year by water from
the Channels of the Ponnery
tank of the Lower Coleroon
ancient system. The capacity
of these tanks is 12,36,3856 C. ft.
& the quantities of water
annually supplied is
therefore, about 37,09,568
C. ft.

The Cuddalore Multy. is
supplied from a sluice in the
Kondangy tank, which is
regulated by the Multy.
but the quantity of water
taken by the Multy. is not
known.

3. The Exe. Engr. proposes
that a rate of one rupee
per 1000 C. ft. might be charged
for water supplied. At this
rate the Chidambaram Multy.
would have to pay about Rs. 12
per annum if the tanks are
filled three times.

4. For measuring the quantity of water supplied it is proposed in the case of Chidambaram that the tanks should be accurately contoured & capacities taken out for every 6 inches in depth & that readings of depth in the tanks should be taken before a supply is let into them & after it is cut off. In the case of Cuddalore, the quantity of water supplied would be measured at a measuring weir below the sluice which gives the supply.

5. The rate of one rupee per 1000 C. yds is that paid by the Municipalities of Coimbatore, Tuticorin, & Madras for font. water. Although this is higher than the ordinary irrigation rate it is very low compared with rates charged for town supplies in other quarters. G.O. no. 667 J. of 26th Augt '98 deals with the rate for Coimbatore.

x Gadameri - 48 C. yds. per Day per acre.
taking crop of 180 days
& water rate of Rs 4 is

$$\frac{48 \times 180}{4} = 2160 \text{ C yds per Rupee.}$$

$$\frac{200,000}{27 \times 4} = 1851 \text{ C yds per rupee.}$$

Coimbatore. The rate at first was not approved by the Govt. of India as it was pointed out that at Calcutta the rate was only 2440 gallons per rupee & in Bombay 8000 gallons per rupee. The Madras rate being about 16,480 gallons per rupee. Eventually however the Govt. of India agreed to the rate of 1000 C. yds per rupee.

6. In the circumstances above stated it is suggested that the question whether the Chidambaram & Cuddalore Municipalities in the South Arcot distt. should pay for the water supplied to them for drinking purposes from Govt. irrigation works & for which at present they pay nothing may be submitted to the Local & Munl. Dept for consideration.

(Init) 10/3/98
(Init) 10-3-98
The Joint Secy. to Govt.
P. W. D. Irrigation

C. No. 1004 h.

End. No. 1577 C. 27 15-3-98.

Forwarded to the Local
Mun. Dept. for favour
of remarks.

Public Works (1898) Department.

CURRENT No. 13 P. A.

From

The Supp. Supr.
5th Circle

Order

Forwarded to the Local +
Mun. Dept. for favour
of remarks.

7-3-98. (82) W. Hughes
J.

No. 772 S.

Dated 28-2-98

Received 1-3-98.

Registered

Enclosures 2

Spare copies

SUBJECT.

Reporting on the water to
be charged for the water
supply to the Chidambaram
& Cuddalore Municipalities.

BACK PAPERS.

FURTHER PAPERS.

No.	Date.
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No.	Date.
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From

No. 3.

The Sub Divisional Officer,
Cuddalore.

To

The Executive Engineer

South Arcot.

Ref. 3238.S
21-12-97.

Sir,

I beg to state that the water required by the Cuddalore Municipality is supplied from the Kondangy tank through an ordinary irrigation sluice regulated by themselves.

2. From the sluice to the Ry. (about 1 mile) it flows in an open channel and passes under the Ry. through a pipe to a cistern & from thence through an outlet 2' wide to the settling & filtering reservoirs.

3. The municipalities have maistries and lascars to look after the water, and from them I learnt that 4" of water passing through the 2' outlet is sufficient for the ordinary requirements.

4. Four inches of water passing over a weir 2' long would give about 1.3 feet per second & this appeared to me to be about the discharge of the Channel.

5. The outlet mentioned in para. 2 (see sketch in margin) is about 100 yds. from the Reservoirs & it is easy to make a

Small

small measuring weir on
the existing building.

6. It will, I think, be
sufficient if a small wall
6" high as shown in sketch
is built across the outlet
and gauges fixed in front
and rear.

7. It would perhaps be
better to raise this wall
9" instead of 6" to ensure
a clear over fall but as
the velocity in the Channel is so low,
and as the supply can be regulated from
the tank, 6" is considered sufficient.

8. The depth of water on the crest
should be read morning and evening;
and as the Municipality have placed
this Channel under the charge of an
Overseer, the readings could be taken by
him and monthly returns sent both to
the Chairman and to you.

9. The proposed wall and gauges
should not cost more than Rs. 20.

I beg to.

(Sd) J. E. Brand

Superintendent

5-1-98.

From

M. R. R. N. Arugiaswami Mudr. al.
Sub. Divisional Officer,
Chidambaram Sub Divn

To

The Executive Engineer,
South Arcot Divn
No. 42.

Camp Chidambaram

Dated 28.

Despatched 29. } January 1898.

Reference D.O. No. 3238d 21-12-97.

Sir,

I have the honour to report that the
eleven tanks of the Chidambaram Municipi-
pality are filled up three times every year.
The total capacity of the tanks is 12363856
I would propose that three times this, or 37091568
c. ft. may be taken as the quantity of water
supplied. The above estimate would be fair
and would not be excessive, since all
the water in the tanks is got either directly
or indirectly (as spring water) from the channels
under the Ponneriy tank (Lower Coleroon
anicut system)

For measuring the quantity of water
supplied I would propose that the tanks be
accurately contoured with vertical intervals
of 6" and that gauges be fitted up for all
the

he would propose to levy.

the tanks. The readings before the supply is let in after it is cut off would give the quantity supplied.

I have &c.

(Sd) R.N. Arasiaswami Mudr.

28-1-98.

Asst. Engr.

Cpy of a letter from J.E. Paul Esqr. Executive Engr. South West Dist. to the Supd. Engr. 5th circle no. 126 S.E. of 22nd Feby. 1898.

With reference to your letter N^o. 466 S.A. of 10th Decr. '97, I have the honor to forward to you the following letters on Mr. Garrett's proposal to charge for the water supplied to the Chidambaram and Cuddalore Municipalities.

(i) Cuddalore sub Divisional officers no. 3.

of 5th Jan'y. 1898.

(ii) Chidambaram sub Divisional Officers no. 42 of 28th Jan'y. 1898.

2. I consider that a charge of Re. 1 per 1000 cys. which is the rate that the Cocanada Multy. pay for water supplied from the Cocanada Canal would be a fair charge.

3. As regards Chidambaram Mr. Arasiaswami Mudr. shows in his letter that there would be no difficulty in measuring the water supplied.

4. As regards Cuddalore the water is supplied from the Konda-gy tank only to ~~old~~ Cuddalore & not to Tripapallur or Manjappur, and this water has to pass along field channels over which Govt. have at present no control, the sluice however is regulated by the Multy. & therefore I think there would be no difficulty in charging for the water by measurement in the way proposed by Serjeant.

It is an estimate of the quantity of water
hitherto actually supplied to Chidambaram
as per in the letter of the Sub Divisional
officer, but in the case of Cuddalore, it
is impossible to frame any estimate,
as the water is not supplied at any fixed
times.

N^o 77 S.D.

To the Chief Engr. for Irrigation
with refer. to his N^o ⁸⁰⁸⁹ V of 3^d Decr. '97.
The price proposed to be charged is not
excessive.

(18)

Colonel R.R.

Supg. Engr. 5th Circle.

22^d July '98.

To no ^V 8089 of 3-12-97.

Public Works (1898) Department.

Issue
CURRENT No. 80 S.A.

Irrigation Branch

From
The Supg. Engr.
5th Circle

Order

Reply to letter No. 315 S.D. of 12/11/97.

Dated 3-12-97

Received

Registered

Enclosures

Spare copies

SUBJECT.

Chidambaram & Cuddalore
Municipalities - S.D. requested
to submit estimates of the
quantities of water hitherto
actually supplied to the
with proposals for measuring
the water & as to the rate
he would propose to levy.

[illegible]

S. E. V

With refer. to his
N^o 315 E.D. of 12th Nov. '97
the Supp. Engr. V. circle
is requested to submit
estimates of the quantities
of water hitherto actually
supplied to the Muni-
cipalities of Chudambaram,
Tuddalane with proposals
for measuring the water
& as to the rate he
would propose to buy

(Ind)

3/12/97

Public Works (1897) Department.

CURRENT No. 57 S.A.

From
The Supp. Supr.
V circle.

Order

No. 315 E.J.

Dated 12- hour. 97-

Received 16-11-97-

Registered

Enclosures

Spare copies

SUBJECT.

Forwarding correspondence
ref. the supply of water
to the Chidambaram &
Cuddalore Municipalities
for orders.

FURTHER PAPERS.

[illegible]

I have the honour to inform you that it seems to be the custom to fill up every year the drinking water tanks in Chidambaram with water from the Veeranam Tank.

2. The Multy. apparently consider they have a right to this source of supply for which they pay nothing, and that irrigation interests should suffer rather than their supply should be in any way curtailed.

3. It is of course a matter of importance that the drinking water tanks of Chidambaram should receive a certain supply, but as this supply cannot always be afforded without some injury to irrigation interests, I consider it only fair that the Muttys should be made to pay for their water, as is usual in similar cases.

4. If you take the same view, I will ascertain the capacities of the tanks to be filled so that we may know how much water should be charged for

5. If there is to be no charge, I should like

know whether an application from the Chairman of the Municipality to fill up the tanks is to be complied with, without considering how irrigation interests would be affected.

Copy of a letter from the Supg. Engr. 5th circle to the Executive Engr. South Arcot Divn. of 12th June 1897. No 216 S.A.

With refer. to your letter No 457 S.E. of 5th June '97, I have the honour to inform you that I do not think that Govt. would be likely to sanction any charge being made on the Chidambaram Multy. for filling ^{their drinking} water tanks.

2. In all cases when any expense has to be incurred for putting up cross lands digging channels &c in order to supply their tanks, the Municipality should pay the actual expense incurred & this it is believed that they have hitherto done.

3. Irrigation has no doubt the prior claim on the water, but it is believed that with a little careful management it is quite possible to give the Multy. the small amount of water that they require without injuring the irrigation under the Veeranam Tank.

Copy of a letter from A.H. Garrett Engr. Executive Engr. South Arcot Divn. to the Supg. Engr. 5th Circle of 17th June '97. No 480 S.E.

With refer. to your letter No 216 S.A. of 12th June '97, I have the honour to inform you that the Chidambaram Multy. can well afford to pay for their water supply.

2. I was speaking only on the 13th Instant to the Collector on the subject, and he agreed with me that if the drinking water tanks are regularly filled every year with water from Veeranam tank a charge should be made.

3. The case is analogous to that of Cocanada. The Multy. of that town had been in the habit of having their drinking water tanks filled from the Cocanada Canal, & on this matter being brought to the notice of Govt. it was decided that the Multy. should pay for their water and this they now do.

Copy of a letter from the Supg. Engr. 5th Circle to the Executive Engr. South Arcot Divn. of 26th June 1897. No 236 S.E.

With refer. to your letter No 480 S.E. of 17th June '97, I have the honour to inform you that you will settle with the Collector what you consider the Chidambaram Multy. should pay for

for water, I will send up the proposal to
Govt. through the Chief Engr. for Irrigation.

Copy of letter from the Collector of South
Arcot to the Executive Engr. South Arcot
Dir. No. ⁹⁰⁹_{Engr.} of 20th Oct. '97.

In reply to your letter N^o 1344 M. of
28th ultimo, I have the honour to state that
the Head Asstt. Collector reports that water
is usually obtained by Chidambaram
Malty. in the season when it is not
required for agricultural purposes, and
that no decrease is caused in the supply
for cultivation.

2. I understand that the Cuddalore
Munl. Council pays nothing for the water
supplied to the inhabitants of Cuddalore
old town from the Kondamji Dri.

3. The Head Asstt. Collector states
that the annual payment of Rs 1255 for
water by the Chidambaram Municipality
would be "a very serious burden" having
regard to the state of its finances & that
its poverty "is a very good ground for
Special leniency."

4. On general principles I see no
reason why Municipalities should not pay
for Govt. water if, by doing so, they diminish
irrigation supplies, but this does not
appear

appear to be the case in the Municipalities
in this Dist.

5 Both the Cuddalore & Chidambaram mun-
icipalities hope to be provided at some date
which cannot be definitely fixed owing
to financial difficulties, with proper
drinking water systems when doubtless
they would impose a water rate on the
consumers. I am of opinion that the
question of charging the Municipalities for
Govt. water might with propriety be then
considered, as they would then be in a
position to obtain additional funds by
the imposition of a water rate.

Endorsement of the Executive Engr.
South Arcot Dir. of 8th Nov. '97 N^o 772 S.E.
submitted to the Supd. Engr. 5th circle
with refce. to his N^o 236 S.A. of the 28th June
'97 for favour of orders.

2. Though the Malty. may not
be taking water needed for agricultural
purposes, at the same time it would ap-
pear that if water is supplied free it
is not paying any share towards up-
keep of the supply. Possibly the matter
might be settled by the Malty. paying
a certain proportion of the repair estimates.

(Done copies)

referred to the Chief Engr. for investigation
for orders. I consider that both the Chidambaram
& the Cuddalore Municipalities
might be called on to pay some thing
for the water supplied to them as is the
case with the Madras Municipality.

(88)

Col. R.E.

Sup. Engr. 5th circle

Camp Red Hills }
12th Nov. '97 }

for copying

6-4-98
mined
encl

AD AGAIN O., No.

189

DATED

CURRENT No.

REFERS TO C. No.

OF GOVERNMENT

LETTER OF GOVERNMENT.

STATEMENT WITH DITTO.

PAPERS NOT FILED UP, BRING MEANT FOR DESPATCH
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