

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

ENCLOSURES.

CURRENT No.

STATEMENT WITH DITTO.

ORDER OF GOVERNMENT

STATEMENT WITH DITTO.

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

BACK PAPER, No.

OF 189 .

FURTHER PAPER, No.

OF 189 .

L.F. Department.

No. 2050

Madura District Board office
3-7-1895.

From

J. Twigg Esq.,

President of the District Board, Madura

To

The Sanitary Engineer , Madras.

Sir,

I have the honor to forward herewith plan and
estimate the latter amounting to Rs 1,400 for effecting im-
provements to the Chetti Urani at Sivaganga & to request
that the same may be retransmitted after scrutiny & approval
at an early date.

I have the honor to be,

Sir,

Your most obedient servant,

(sd) E. Srinivasachari

for president.

(True Copy)

Sanitary Engineer to Govt.

N.B.—

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

Copied by *hll*
Examined by

Telegram.

^{To}
From,

M A D R A S

^{From}
To,

T I R U P A T U R (*Madura*)

To

(Person)

The Sanitary Engineer

From

(Person) The President,

Taluk Board, Sivaganga

Please accord early sanction to estimate
for improving Chetti Urani tank at
Sivaganga.

M A D R A S 25-7-95.

(True Copy)

H. M. S.

Sanitary Engineer to Govt.

20/7/95

11/1734/1996

GOVERNMENT OF MADRAS.

SANITARY BOARD OFFICE.

Proceedings of the Sanitary Board, No. 65-T., dated Ootacamund, 26th June 1895.

PRESENT.

Surgeon-Lieut.-Colonel W. G. KING, M.B., C.M., D.P.H., Sanitary Commissioner for Madras.
J. A. JONES, Esq., MEM. INST. C.E., F.R.S.E., Sanitary Engineer to Government.

Resolved that the Board issue the following circular :—

1. The Board are in constant receipt from various local authorities of proposals to deepen and improve tanks and wells. It is regretted that these often come to the Board without the slightest information as to the most important points which it is the duty of the Board to consider. Many of these projects no doubt are small and unimportant; others may seem so, but really affect the inconvenience and health of a large number of people. The Board have had, therefore, in all but few cases to return such proposals for further information. In order to save such references, the Board request that all proposals for such work be sent up with the following information, plans, sections, &c. :—

- (i) a site plan showing position of the work, its source of supply and its drainage area,
- (ii) enlarged plan of tank, well or other work with sections showing proposals in full detail,

the site plan being on a scale of not less than 330 feet = 1 inch, the enlarged plan being on a scale of not less than 60 feet = 1 inch, the sections and cross-sections being on a scale of 20 feet = 1 inch, and the masonry works in detail on a scale of 10 feet = 1 inch.

2. Estimates shall accompany all proposals and the following information shall be given :—

- (i) As to the source of supply.
- (ii) A description of the catchment area, stating the character of the surface, the villages, huts, &c., within it (these should be indicated on site plan) and the population be stated.
- (iii) A description of the feeding channels if the work is a tank.
- (iv) A description of the tank or well, viz., whether it is—
 - (a) a tank fed by surface water direct,
 - (b) a tank fed by channels,
 - (c) a draw-well fed from bottom only,
 - (d) a step-well or small tank fed by springs or by surface drainage or by both.
- (v) A description of the strata in which the work is located, the maximum and minimum depths of water at present, its present capacity and the dates between which it receives its supply, the date it is at its minimum level or months during which it is empty.

(vi) A description of improvements contemplated (a) to its area, (b) to its feeders, (c) to the tank itself, and (d) if a drinking tank, the measures proposed to be taken to improve or maintain the purity of the supply.

(vii) If the proposal is for deepening a tank, the proposed disposal of the earth or sludge to be removed from the tank, and the measures to be taken to prevent future deposit of such earth or sludge, should be specified.

3. The Board are opposed to the grant of sanction for any tank improvements which do not provide—

- (i) for an increase in quantity of the water-supply if deficient,
- (ii) for the purification of supply if used for dietetic purposes,
- (iii) for prevention of pollution by fencing, provision of wells, pumps, &c.,
- (iv) for prevention of future sludge deposit, if deposit exists,
- (v) for the proper disposal of all excavated earth, sludge, &c., from a tank so that it may not be washed back thereto.

4. To sum up, the Board are disinclined to accept any expedients for increasing supply by deepening, &c., unless the sanitary requirements are fully attended to. The Board consider that incomplete improvements are only waste of money as these inevitably have to be repeated within a few years.

5. It is hoped that local boards and municipalities will aid the Sanitary Board in making lasting improvements by adhering to the above rules, and when forwarding projects for approval by keeping in mind the views of the Board as enumerated above.

(True Extract.)

(Signed) J. A. JONES, MEM. INST. C.E.,
Joint Secretary, Sanitary Board (Engineering Dept.)

To all Presidents of District Boards,
" " of Taluk Boards,
" Chairmen of Municipal Councils, } through the Collectors.

No. 2067
26-7-95

Copy of Proceedings of the Sanitary Board

No. 65-T, dated Ootacamund, 26-6-95, forwarded to the President of the District Board, Madura with reference to his letter No. 2050 of the 3rd. Instant. The accompaniments of his letter are herewith returned.

(sd) J.E. Lockyer

(True Copy)

for Sanitary Engineer to Govt.

Sanitary Engineer to Govt.

Sivaganga Taluk Board office.

No. 500

dated 24th. November 1895.

From

The president of the Taluk Board,
Sivaganga.

To,

The president, District Board,
Madura.

Enclosures 2 in separate bundle

Sir,

With reference to your R on C. No. 2708 of 1895 dated 31-7-95, I have the honor to forward herewith revised estimate amounting to Rs 3,000 and plans for improving the Chetti Urani at Sivaganga & request that same may be forwarded for the early sanction of the Sanitary Board, Madras. The instructions of the above Board have been adhered to.

I have the honor to be,

Sir,

Your most obedient servant,

(sd)

for President.

R.C. No. 4000 dated 3rd. December 1895.

Forwarded to the Sanitary Engineer to Government Madras for favor of approval & early return of the revised plans & estimate in reference to his No. 2067 dated 26-7-95.

District Board Office, Madura

3rd. December 1895.

(Sd) E Sreenivasa Charry

for President.

True

(True copy)

Mme

Sanitary Engineer to Govt.

Madras.

Sanitary Board Office.

Proceedings of the Sanitary Board No 2218
dated Fort St. George, 9th August 1895.

Present

Surgeon Lt. Col. W. G. King, M.B., C.M., D.D.H.,
Sanitary Commissioner for Madras
J. A. Jones Esqr., Mem. Inst. C.E., F.R.S.E.,
Sanitary Engineer to Government.

The Sanitary Board resolves to issue
for the information of District Boards —
the following standard plans: —

No 13 - Design for open drinking tank

Proposals for new tanks or for the
improvement of existing drinking tanks
ought to follow the points of this design
as closely as possible.

(Type Extract)

J. A. Jones
Mem. Inst. C.E.,
Joint Secretary, Sanitary Board
(Engineering Deptt.)

To all Presidents of District Boards.
with 3 copies of plan.

8/1734/196

GOVERNMENT OF MADRAS.

SANITARY BOARD OFFICE.

SANITARY ENGINEERING BRANCH.

Proceedings of the Sanitary Board, No. 3702, dated 11th December 1895.

Present

W. C. King, M. B. C. M. P. H. Sanitary Commissioner for Madras
J. A. Jones Esq. Mem. Inst. C. E. S. R. S. 2, Sanitary Engineer to Govt.

Read the following:—

Endorsement No. 1000 of 3rd December 1895 from the President, District Board, Madras forwarding for approval revised plan and estimate amounting to Rs 3000 for improving the Chetti Uravi at Sivaganga.

Resolution

The Board withholds its approval to the improvement until it has been shown definitely how the distribution of water is to be arranged for; so as to prevent pollution by persons entering the tank for the withdrawal of water the Board suggests wells in the berm of the tank (vide standard plan for tanks Sanitary Board's order no. $\frac{2218}{9.8.95}$) with a pump over them and considers that in this case where there is a population of 9000 people to be served the water might well be raised by a small oil engine

Engine into an elevated tank for distribution.

The catchment area and channel are very near the town, that factor and the presence of a school on the bank of the Channel suggest its use as a latrine. There seems also to be a house within the catchment area. Its removal and that of the school are desirable and special arrangements for the consideration of the catchment area should be made at once. If the removal of the house and school cannot be effected at present the Taluk Board ought not to look on the improvement of the supply incomplete until that removal is effected.

To
The President, District Board, Madura
with 3 plans & estimates to be returned
as well as Sanitary Board's Standard plan
to be returned

To
The President, District Board, Madura
with 3 plans & estimates to be returned
as well as Sanitary Board's Standard plan
to be returned

Engine

L. F. DEPARTMENT.

No. 543

MADURA DISTRICT BOARD OFFICE.

2nd. March 1896.

From,

J. Twigg Esq.,

President of the District Board, Madura.

To,

The Sanitary Engineer, Madras.

Sir,

With reference to the Proceedings of the Sanitary Board No. 3702 11-12-95 pointing out certain defects in the improvements proposed to be effected to the Chetti Urani at Sivaganga, I have the honor to forward for your information copy of letter from the President of the Sivaganga Taluk Board & to request that under the circumstances stated therein, the plan & estimate for the work, which are herewith sent, may be approved.

I have the honor to be,

Sir,

Your most obedient servant,

(sd) E. Srinivasachari

for President.

(True Copy)

[Signature]

Sanitary Engineer to Govt.

[Signature]

GOVERNMENT OF MADRAS.

SANITARY BOARD OFFICE.

SANITARY ENGINEERING BRANCH.

Proceedings of the Sanitary Board, No. 779, dated 11th March 1896.

Present

Surgeon Lieut Col. W. G. King, M.B.C.M., D.P.H., Sanitary Commissioner for Madras

J. A. Jones Esq., Mem. Inst. C.E., F.R.S.E., Sanitary Engineer to Government

Read the following:—

Letter No. 542 dated 2nd March 1896 from the President, District Board, Madura forwarding for approval revised plans and an estimate amounting to Rs 3000/- for improving the betti urani at Sivaganga.

Read also Sanitary Board's Proceedings No. 3702 dated 11th December 1895.

Resolution.

The Board have considered, the President of the Taluk Board's No. $\frac{50}{S.T.B}$ but are unable to modify the terms of their previous resolution.

/True Extract/

/Sd/ J. A. Jones

Secretary
Sanitary Board, Engg. Bdr.

The President, District Board, Madura with 3 plans, estimate, specification retd

'True Copy'

[Signature]

Secretary
Sanitary Board (Engineering Branch)

Dis. No. 218 of 1896.
S.T.B.

Sivaganga Taluk Board's Office

14th. May 1896.

From

P. Rajagopala Chariar Esq.,

President,

Sivaganga Taluk Board.

To

The President,

District Board, Madura.

Sir,

Adverting to your footnote dated 20th. March 1896 No. 705 to the Proceedings of the Sanitary Board No. 779 dated 11th. March 1896 expressing the Board's inability to modify the terms of its previous resolution No. 5702 dated 11th. December 1895 in re- the improvements to be made to the Chetty Urani tank of Sivaganga I have the honor to state that the objections raised in the previous resolution are:-

(1) that it has not been shown definitely how the distribution of water is to be arranged for so as to prevent pollution by persons entering the tank for the withdrawal of water and (2) that the catchment area & channel are very near the town & that there is also a school on the bank of the channel & a house within the catchment area.

2. In regard to the 1st. objection the Sanitary Board suggests wells in the brim of the tank with a pump over them & considers that in that case the water might well be raised by a small oil engine into an elevated tank for distribution the number of people to be served thus being about 9000. I have already reported to you in my letter dated 25th. February 1896 Dis. No. 50 of 1896, that people now take the water they require for domestic use from the tank in pots but that they are not permitted to clean themselves or their pots in the tank. A strict watch is kept over the tank & the kavalgar who keeps watch both day & night

resides

L. F. D E P A R T M E N T .

Reference on current No. 466

Madura District Board office.

Encl. Plans & estimate & 293 }

2nd. June 1896.

President's letter }

From

J. Twigg Esq.,

President of the District Board, Madura.

To,

The Sanitary Engineer to Govt:

Madras.

Sir,

In reference to Proceedings of the Sanitary Board No. 779 declining to accord its approval to the plan 11-3-96 & estimate for Rs 3,000 for improvement of the Chetti Urani at Sivaganga, I have the honor to forward in original the reply of the President of the Sivaganga Taluk Board & to request that the Sanitary Board will be good enough to reconsider its decision & to sanction the plans & estimate in the circumstances reported.

2. I have recently inspected the place & found that the work had been executed or at least the greater part of it in anticipation of sanction.

3. The object of the work is to increase the capacity & supply of the Urani which as it stood before, used to fail in the hot weather, & I would suggest that there can be no reason to defer the execution of this scheme until the Board has funds enough to set up pumps &c. It is something to secure for the inhabitants a sufficiency of water, improvement in distribution will come afterwards, & meantime everything is done to prevent pollution of the water.

4. As for the objection to the catchment area, the toddy shop is to be removed & from the position of the school it is impossible to regard that as a danger. Boys would never go so far a field as they would have to do in

3
1734 1496

order to pollute the channel. When examined on the ground it is an excellent scheme & I trust the Sanitary Board will give weight to the opinion of local officers and not refuse their sanction.

I have the honor to be,

Sir,

Your most obedient servant,

(sd) E. Srinivasachari
for President.

(True Copy)

Sanitary Engineer to Govt.

S.E.
23-200-9-3-96.

GOVERNMENT OF MADRAS.

SANITARY BOARD OFFICE.

SANITARY ENGINEERING BRANCH.

Proceedings of the Sanitary Board, No. 1877 dated 16 June 1896.

President

Surgeon Major (J. W. G. King, M.B., C.M., D.P.H. Sanitary Commissioner for Madras)

J. A. Jones Esq., Mem. Inst. C.E., F.R.S.E., Sanitary Engineer to Government

Read the following:—

Letter No. 466, dated 2 June 1896 from the President, District Board, Madras resubmitting plans and estimates amounting to Rs 2,000 for improving the betti urani at Sivaganga and requesting to reconsider the decision of the Sanitary Board.

Read also Sanitary Board's Proceedings No. 779, dated 11 March 1896.

Resolution

The opening sentences of the Board's original order (No. 3702 11.12.95) explained fully the attitude of the Board and it is unable to understand why the works have been proceeded with in face of approval having been withheld. It was for the Sanitary Board, if it did not approve of the suggestion of the Sanitary Board, to suggest alternatives. The Sanitary Board is unable so far as Sanitary ends are concerned to approve

of the scheme as it now stands and considers that it represents a mere waste of Rs 3000/-

/ True Extract /

(Signed) L. A. Lane

Secretary

Sanitary Board, Engineering Branch

The President, District Board, Madurai

with plans and estimates returned

'True copy'

[Signature]

Secretary

Sanitary Board (Engineering Branch)

[Signature]

The following is a copy of the letter from the President of the District Board, Madurai, to the Secretary of the Sanitary Board, Engineering Branch, dated 11th March 1900. The letter is in reply to a letter from the Secretary of the Sanitary Board, dated 2nd March 1900, in which the Secretary of the Sanitary Board requested the President of the District Board to sanction the expenditure of Rs 3000/- for the purchase of a motor vehicle for the use of the Sanitary Board. The President of the District Board has decided to sanction the expenditure of Rs 3000/- for the purchase of a motor vehicle for the use of the Sanitary Board.

[Faint handwritten text at the top of the right page]

[Faint handwritten text in the middle of the right page]

[Faint handwritten text in the middle of the right page]

11th March 1900

[Faint handwritten text at the bottom of the right page]

1896

From
The Secretary
Sanitary Board
Engineering Branch

The President
District Board
Madras

1877
Feb 15 June 1896

Subject

Resolution of the
Sanitary Board on the
Improvement of the
Chetti Urani at Sivaganga
with correspondence

S. B. 17-3-95-200.

No. 1892

GOVERNMENT OF MADRAS.

OFFICE OF SANITARY BOARD,
Fort St. George, 17th June 1896.

From

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

JOINT SECRETARY, SANITARY BOARD (ENGINEERING BRANCH),

To

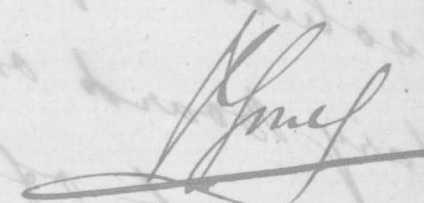
The Chief Secretary to Government,
Local & Municipal Department.

SIR,

I am directed & have the honor to forward certain
correspondence & the Sanitary Board's resolution in regard
to the Chetti Urani at Sivaganga & to point out the futility
of the Sanitary Board if works are executed in anticipation
of approval which may, as in this case, be withheld.

I have the honor to be
Sir,

Your most obedient servant



Secretary
Sanitary Board (Engineering Branch).

14.9m

For orders

1734 L.

1896.

From

The Secretary
Sanitary Board
to Government,
Engineering Branch

To

The Chief Secretary
to Government
Local Municipal Dept.

No. 1892

Dated 17 June 1896.
Despd. 18
Recd. 17

Enc. 11

Subject.

Forwarding certain
correspondence & the Sanitary
Board's resolution in regard
to the Chetti Arani at
Sivaganga & pointing out
the futility of the Sanitary
Board if works are exe-
cuted in anticipation of approval
For orders

The Taluk Bd., no doubt, ought
not to have executed the work without
the approval of the San. Bd. The
objections to the scheme do not
appear quite reasonable in view
of the facts stated in the letters of
the Pres. & Secy. Bd. dated
14th May & 2nd June '96, respectively.

The distribution of the water can
have nothing to do with the improvement
of supply, if the Bd. has found to
do the latter, but not the former, it is
submitted that it may be allowed to do
so the one only. As for the other objection, that the
School is situated in the catchment
area, we have on one side the
opinion of the San. Bd. based on
plans, which may not be very accurate,
& on the other the opinions of two
officers, who both know the place
personally. It is submitted that the
latter opinion is the more valuable,
although it is contrary to the ^{former} professional
opinion.

In view of these facts the Taluk Bd.
has some cause for wanting the work
before sanction, as it might be presumed
that the objections taken would be
withdrawn on the explanations furnished

W.H.D.
17.9.96.

22/10
29/10

1,000-5-11-90

Loth DEPARTMENT

C. No. 1784 L.

S.O. No 1245 Lamin 9/11/96.
FOR ORDERS.

Recorded with the remark
that though the work shd.
not have been executed without
the approval of the San. Bd.,
as here seems to have been
done, as a substantial im-
provement has been effected,
which will be none the
less useful because it
falls short of the financially
impossible ideal of perfection
desired by the San. Bd.

4/7/96 12
9/11/96

To The Sanitary Board
President, Distt Board
Madurai
Dated 15/7/96

Please see back of current
L.O. This I submit is one of Dr. King's
usual things & wants inspection
where the attainment is absolutely
impossible.
The idea of having wells along the
bank of the tank worked by an
oil engine is preposterous: where
the money to construct does
Dr. King knows that an oil engine
is a very troublesome thing to work
and that one of its peculiarities
is that it not infrequently
takes fire & catches which cannot
be accounted for. A gas engine
is all right but that differs radically
from an oil and is more expensive.
Now again he insists on going ahead
with a plan which is probably not
adequate as it apparently has not
been made by a surveyor - upon the
removal of a school house which
has just cost Rs. 10,000!
This big-headed way of objecting
and bothering that Dr. King has
that takes the breath out of local
authorities & makes them avoid

to doing things.

No one assents for the work of
improving the Ganges knows
what the scheme is what the
King wants it to be - perfection.
That ~~is~~ ^{the object of the} to put the
main into better order than
it is to clean it out and defend
it ~~and~~ and to conserve it
as much as the means of the
Tahing Bot will allow.

This will cost some Rs 3000

Mr. King's ideas would result
in an outlay of quite a large
sum much of which ^{is not the} ~~is not~~
has been that ~~unaccountable~~ ^{unaccountable} to the Tahing Bot

It could certainly not afford,
The Tahing Bot had of course
no business to go on with
the work before approval
and for this it deserves censure.

The allegation that the ^{of the S. Board} ~~work~~
work done is ~~less~~ a great
waste of Rs 3000 is ~~not~~

apparently not accurate, the Colts
& Sub St. Officer who have inspected
evidently do not think so and
the opinion of the S. B is
not expressed without any

personal knowledge of the
spot. If deepening and cleaning
the Ganges has been as ~~much~~
to have been the case - the
chief work done, there cannot
have been such waste of money
that S. B. would make out

R.
3/7/96

Improvement of Chetti Ganga Swarganga

FOR ORDERS.

H. E. THE GOVERNOR.

THE HON'BLE MR. H. W. BLISS, C.I.E.

THE HON'BLE MR. J. GROSE.

Submitted to C. S. for perusal
before issue.

129
6/7/96

For A.S.

Should not this be shown to
C.S. before issue please?

129
6/7/96

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

LETTERS OF GOVERNMENT

STATEMENT WITH DITTO

PAPERS NOT FILED UP, BEING MEANT FOR DESPATCH
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