L. & M.
,000-8-8-96.

Local & Munl. (1895) Department.

MISCELLANEOUS.

G.O., No. 1581 M

DATED 1st October 1895

[**Despatch Abstract.**]

Water-supply.

Forwarding, with remarks, to the Municipal Council, Salem, proceedings of the Sanitary Board on the-----scheme of the town, and requesting the Executive Engineer in the Public Works Department to undertake the investigation into the supply of water available and report the results to Government.

BACK PAPERS.

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

FURTHER PAPERS.

G.O.	No.	Department.	Date.	G.O.	No.	Department.	Date.
C.O.	3057 M 95 983 M 96						

These papers may lie over pendi
receipt of a report on the Salem
water supply from the Sanitary
Board, to which the rest of the
file was handed over when it
was sitting here.

16. VIII.

Chairman, M.C. Salem,

Sanitary Engineer

LOCAL AND MUNICIPAL DEPARTMENT.

in Proceedings :—

, No.

pril 1895 from the Chairman, M.C., Sale

Order.

The municipal council's request that Mr. Ellis should be de
puted to investigate the water-supply scheme proposed by him cannot be complied with.

2. From G.O. dated 8th Novemb
1894, No. 1668 M., however, it wil
be seen that the Sanitary Engi
has undertaken to prepare a wa
supply scheme for Salem in 1895.

V.R.
6/6/95

4. VI.

2593
2573
2607

Salem Water Supply

NOTE FOR THE ~~ASSISTANT~~ ~~Under~~ Chief SECRETARY.

(*Not for Record.*)

Please see Mr Jones' reply to the D.O. of the 5th instt re. the Salem water supply scheme.

V.H.
10/9/95

Submitted that Col. Pennycuick had better be asked D.O. if he can spare a man, & when.

W.C. 11.9.95

uting

kr.

followed.

should

any

be merely a consulting officer and in no any way a superintending one.

H.P.
12/9/95

Note.

The Chief Engineer's request could be complied with in this case without difficulty. It is not, however, known whether the D.P.W. can spare a man at once, & it is therefore proposed to send the draft G.O. home for counter initials.

W.C. 13.9.95

I think we can

Salem Collector's Office
25th March 1895

Despatched on 26. 3. 95

…okas Esquire
…t District Magistrate
of Salem.

…rman
…icipal Council
Salem.

… honor under
… iv. of the District
… Act to invite the
…cil to the question
…ly of Salem.

… years past
…en considered
… Several
…ctions with the
…Yerragumalai
…ard and
…ased scheme

NOTE FOR THE ~~ASSISTANT~~ ~~Under~~ Chief SECRETARY.

(Not for Record.)

lease se Mr. Jones' reply to the D.O.
the 5th inst re. the Salem water supply
heme.

V.H.
10/9/95

Submitted that Col. Pennycuick
had better be asked D.O. if he
can spare a man, & when.

W.R. 11.9.95

E UNDER SECRETARY.

ave to-day after writing spoken
to Col. Pennycuick on this
subject.
His view is that lending officers
to the Sanitary Engr. spoils them,
and that if P.W.D. officers are
to be in any way employed
on the S.E.'s schemes whether
on investigation or execution
they should work entirely under
their own superior officers
the Sanit. Engr. merely indicating
to the P.W.D. and the officers
actually engaged on the works
the lines which he wishes followed.
In fact that the S. Engr. should
be merely a consulting officer
and in no way a
superintending one.

12/9/95

Note.
The Chief Engineer's request could
be complied with in this case
without difficulty. It is not,
however, known whether the D.P.W.
can spare a man at once, & it is
therefore proposed to send the draft
G.O. Home for counter initials

W.R.B. 12.9.95

I think we can.

S

Salem Collector's Office

No. 1065 25th March 1895

I Despatched on 26.3.95

From
G. Stokes Esquire
Collector & District Magistrate
of Salem.

To
The Chairman
Municipal Council,
Salem.

Sir,

I have the honor under Section 34 Clause iv. of the District Municipalities Act to invite the attention of the Council to the question of the Water-Supply of Salem.

2. For many years past this subject has been considered and reconsidered. Several projects in connection with the Shevaroy Hills and Garragumalais have been put forward and examined. All these

-d the water is to be stored up in a reservoir and brought to the point of distribution either in channels or pipes.

3. But I would urge on the Council that the experience of the last four years and especially that of the past year has shewn that all such schemes are hopeless. In last year we had normal rainfall but the tanks in the neighbourhood of Salem received no supply and the moral which is to be drawn from recent experience is, in my opinion, that if any storage scheme is to be in the slightest degree reliable, it must be on such a scale that water for bout four years supply can be caught and stored. Such a scheme if possible at all is so nly at an enormous expense.

In this country all storage schemes are in principle somewhat objectionable, for, in the 1st place a very large proportion of the water caught is lost by mere evaporation. Such schemes fail when they are most wanted viz in a succession of years of short rainfall, and the water is always liable to external contamination either direct or in its catch water area. From my experience I am satisfied that no satisfactory scheme depending on the storage and gravitation principle is possible for Salem at all.

4. When Mr Ellis, the Acting Sanitary Engineer, was with me investigating Mr Allen's scheme on the Shevaroys, he suggested to me a scheme to the careful consideration of which it is

my object to invite the Council
in this letter. Shortly stated
it is this: To tap the sub soil water
by a tunnel suitably run and
to pump the water into the distributing
pipes. The principle of this
scheme is exactly the same as that
of Dindigul and of several towns
in England and of all the towns
as Madura-Cuddapah and I
believe Tanjore, where water is obtained
by an infiltration gallery. If
the map be examined, it will be
seen that Salem lies at the apex
or outlet of a large catchwater
basin which is bounded by the
Shevaroys on the North West,
North and North-East, on the
East by the watershed between
Salem and Attur which, I believe,
includes the western slopes of the
dumalais and on the South by
the

the slopes of the Garragu malais.
The whole of this basin, drains ou
through the Salem river and
there can be no doubt that the
course of the Sub-terranean river
is at Salem very much the same
as that on the surface. There
must be a practically
inexhaustible Sub-terranean supply
in this large catchment basin.
Mr. Ellis' scheme then is to sink
a shaft say 30 ft. or 40 feet at
the point of distribution which he
placed at or near Fischer's
Anicut, and run from the bottom
of it a tunnel to tap the subterranean
supply which will filter into
this tunnel as into a well and
be pumped by Engines as at
Madura, direct into the
distribution pipes.

5. The advantages of this scheme are that if the tunnel is low enough the supply cannot fail even in the dryest years or succession of years and that the water will be absolutely protected from outside contaminations.

The only important questions which arises in this connection in regard to this scheme, seems to be whether water uncontaminated by Chemical salts would be obtained. I think it would be so. It is a fact that all the wells along the Shevaroy side of the Salem river contain good water, and that any brackish wells which are found, are on the Geeragui Malai de. This indicates at once e possibility of getting only et water by properly diverting the tunnel even if it be not the fact that the brackish wells are due to surface contamination. In regard to capital cost this scheme will compare very favourably with any gravitation scheme. Whatever scheme is adopted whether gravitation or that under discussion, the cost of distributing the water must largely enter into it. Leaving that aside, the cost of the scheme under discussion would be (1) the cost of the tunnel (2) the cost of the pumping engines.

6. Mr. Ellis, in conversation with me placed the amount of these two items at 150,000 Rupees complete and with a complete scheme of distribution, he thought the whole could be done for 300,000 Rs. This is a sum far within the cost of any gravitation scheme.—

possible or even yet proposed and also well within the resources of the Town.

The annual cost of maintenance under this scheme compares, it is true, unfavourably with that of a gravitation scheme, but Salem is peculiarly favourably situated in this matter. The great bulk of course of the annual cost will be firewood for the engines. Now all round Salem are Government and private Forests from which abundant supplies of firewood can be obtained. Salem is far more favourably situated in this respect than Madura, where the cost of pumping is not found prohibitive.

7. I have stated above

general way for such

now only possible, the salient advantages and disadvantages of Mr. Ellis' Scheme. Consideration of it will show the Council, I think that it possesses many features to recommend it. The concrete proposition to which I would now invite the Council and on which I would ask them to take action is this:- that they should set aside a definite sum say 3,000 Rs for the investigation of this scheme in the near future and that they should ask Government to obtain for them the services of Mr. Ellis to completely investigate it, and report within say, the 1st August next.

I have &c.

(Signed) P. S. Ganapathi Aiyar
for Collector

(True Copy)

Ca

Ex Officio Chairm

Extract from the Proceedings of a Special Meeting of the Municipal Council of Salem held on Tuesday the 9th April 1895.

Present

Ex officio Chairman

Muhamed Azizuddin Husain Sahib, Bahadur

Officials

M.R.R. P.S. Ganapathi aiyer avergal
Surgeon Major D. F. Dymott.
M.R.R. V. Radakistna aiyer avergal

Non-officials

Revd. M. Seegmuller
M.R.R. S. Ramasamy aiyer avergal
" P. Soondaram avergal B.A.
" S. Krishnasami Mudaliar avergal
" Chetti Muthiam Chettiar avergal
Muhammed Sahib
A. Ahamed Sahib,
Syed Kader Sahib
M.R.R. R. Alagiri Chettiar avergal
" K. Thammanna Chettiar avergal
" Raghunathasingh avergal
Revd. J. Foulkes.
M.R.R. M. Vencatachellapathi aiya avergal
" P. Soobramania Chettiar avergal.

+ × × ×

4. Read letter from the Collector, of Salem inviting the attention of the Council to the Scheme proposed by Mr. Ellis for the water supply of Salem.

(a) Proposed by Revd. T. Foulkes that the Collector's letter cannot regularly be placed before the meeting unless the subject is proposed and seconded by the members of the Council. The proposition not being seconded fails. Revd. T. Foulkes wishes that the matter may be placed on record, as a question of privileges.

(b) Proposed by the Chairman and seconded by Muhammed Sahib, that the Council has already allotted Rs 2000/ for the investigation of the water supply scheme and it will be utilized, for the investigation of Mr Ellis's scheme, and that the Government be addressed through the Collector, who should be requested to do all that lies in his power in furtherance of this object, for the immediate loan of Mr Ellis services for the investigation of his scheme, and informing Government that the grant of Rs 2000/ or more if required, will be paid whenever required.

Carried by a majority of 17 votes, and none against, one member not voting.

(True Extract)

Ex officio Chairman

CR

No. 513

Salem Municipal Office.
Dated 26th April 1895.

FROM ~~M. R. Ry.~~ Muhammed Azizuddin Hasan Sahib, Bahadur
~~W. VIRASAMI AIYAR AVERGAL~~,
Exofficio Chairman, Municipal Council.
Salem.

Local & Municipal Dept
CURRENT No.

To
THE Chief Secretary, to Government,
Local & Municipal Department,
Madras
Through The Collector,
of Salem.

Enclosures 2.

SIR,

In Submitting herewith, a copy of the resolution of the Municipal Council of Salem, passed at its meeting held on the 9th Instant, for the information of Government, I beg respectfully to request that the Government will be pleased to depute Mr R. E. Ellis, for the immediate investigation of the scheme proposed by him for the water supply of the Salem town.

2. In the budget for the current year, a sum of Rs 2000 has been provided for this purpose and the Council is prepared to allot more if required.

3. A copy of the Collector's letter referred to in the Resolution is herewith forwarded for

for the information of Government.

I have the honor to be
Sir
Your most obedient Servant

Ex officio Chairman

LOCAL AND MUNICIPAL DEPARTMENT.

446
Sub

SALEM COLLECTOR'S OFFICE
26 APR 95
RECEIVED

From

THE CHAIRMAN,
MUNICIPAL COUNCIL,
SALEM.

To

THE Chief Secretary
to Government,
Local & Municipal Department
Madras
through the Collector
of Salem.

Dated, 26' April 1895.

No. 513

ENCLOSURES
2.

SUBJECT.

Requesting to depute Mr. R. C. Ellis for the immediate investigation of the water supply scheme proposed by him for this town.

Despatched on 13—5—95 No 1960

Endorsement dated 11th May 1895.

Submitted to Government.

2. In my letter to the Council, I have set out shortly what I may call Mr. Ellis' Tunnel Scheme for the supply of water to Salem.

3. I would now repeat very emphatically what I have said in the letter, that I have no doubt that a Gravitation scheme of water-supply, is impossible for Salem. Mere rainfall statistics are very misleading. There are not wanting instances in the District where plans based on catchment area and rainfall have proved disastrous. e.g: the Pennakondapuram Project.

4. The Tunnel-Scheme has much to recommend it. In the first place, it is, from a Sanitary point of view, assuming that good water can be got, far and away the best. vide Dr. Koch's memo, on the utilization of sub-soil water recently circulated by the Sanitary Commissioner.

5. The Supply is inexhaustible in the driest year. I have never known the river-bed above Fischer's Anicut, quite dry, and even in the driest year good water is found in wells in the bed of the Salem-river, when uncontaminated by Surface impurities, at a very small depth. A tunnel under the river would be sure of a practically unfailing and inexhaustible supply.

6. It is a scheme requiring little Capital Cost and thus suits the resources of the Town.

7. I find from enquiries made that the Cost of pumping in Madura is less than Rs 600, a month, or, say, it would be in Salem Rs 7000 a year. Interest would be about Rs 12000, and allowing for repairs and renewals and incidental expenses, the Cost to the Town should not exceed Rs 24000 per annum, a sum which, with some saving in other directions, and the imposition of the water-tax, the Town can well afford, and is not more than a

8. The Council have, it will be seen, voted funds for the investigation of the Project and they desire that the Services of Mr. Ellis may be obtained to investigate it as the idea of it originated with him. I would strongly support this request. Government will see, that if the Sanitary Engineer, with his present Establishment, cannot investigate the scheme, the funds provided are sufficient to secure the Services of a Special Officer.

9. I would strongly urge on Government, that steps should be taken at a very early date to investigate the scheme. The need of water in every year I have been in the District, has been most keenly felt in Salem. I have known water actually sold in the Town, so scarce was it, and had we not providentially had good early rains in this year, its want would have been as keenly felt as I have

2000—3-8-94. Revenue. Department.

Local & Municipal Dept.

From the Collector 1598 M

and District Magistrate,

Despatched on 13—5—95

Salem.

To The Chief Secretary
to Government.
Local and Municipal Department
Madras.

Dated 11th May 1895.

14 MAY. 95

No. 1960

Enclosure. 1

Subject.

Submitting letter of the Chairman
the Salem Municipal Council,
questing to depute Mr. R. E.
is, for the immediate investi-
ation of the water-supply
heme, proposed by him for the
lem Town.

---

ever known it to be. I can say from my experience in the District that I have heard of no scheme in any way as promising as this. Salem, it should be remembered, is one of the largest towns in the Presidency, while its condition in regard to water-supply, is, perhaps, the worst.

For Collector.

Copd by
12.5.95

6693 m of 95
466 m of 95
1119 m of 94
1668 m of 96
9 m of 94
442 m of 91
1436 m of 88
1592 m of 90.

To

His Excellency The Right Honorable
Beilby Baron Wenlock G.C.I.E.
Governor of Madras.

The humble memorial of the inhabitants of Salem at a meeting held in the garden of M. Ahmad Sahib.

CHIEF SECRET... 05 AUG 95 GOVERNMENT S...

Most respectfully showeth,

That during the current year, the sufferings of the people caused by the want of water, have been, to say the least, the one crying want of the town, from end to end, from Salem proper to Chithrasavadi, from Gogai to Asthampati. The suffering has been universal affecting every class, European, Hindu, Mahammadan and Christian. To the poorer classes who even at the neglect of their daily bread-winning duties had to be occupied with the sole concern of securing the element, it has been a source of no small hardship. A stranger visiting the place would have been struck by the endless trains of people going from morning to evening and from evening to morning to the few but scanty sources of supply. The river bed was dug full of holes, and the wells and tanks were deepened at great cost by a sympathetic municipality to meet the wants, but all these measures could only keep off the worst for a time, they could but very partially mitigate the hardship.

2. This is not the first time, your memorialists have suffered like this. The want has become a thing of regular occurence and the remedy lies in the hands of Government. When your Excellency arrived in India and paid a visit to Salem, its inhabitant residents had then the honor of representing the great need of the town and your Excellency was then pleased to express that

the subject of the water-supply should receive your Excellency's careful consideration. During the intervening years several water-supply schemes were proposed, considered and abandoned as not feasible. They now learn that the Collector Mr. Gabriel Stokes has hit upon a scheme which has the two-fold advantage of being both economical and of having been tried elsewhere with success. To their great regret your memorialists have heard that your Excellency's term of office will come to a close before long, but they earnestly pray and fully hope that your Excellency will, before that event sanction and start the water-supply scheme as a last act of grace and charity to relieve the sufferings of the wretched inhabitants of Salem.

3. Your memorialists further beg to request that Mr. Gabriel Stokes, the Collector of the district who has been most devotedly striving his best to do his duty by the people, and who has known our wants so intimately as to deserve the fullest confidence of the people, may not be transferred from this district until the scheme is carried out.

4. For these acts of kindness your memorialists, as in duty bound, shall ever pray &c

M. Seegmuller.
Ml. Councillor
Chairman.
W Robinson.
A. M. Glover
M. G. Lodge.
R. C. Porter.

Local & Municipal Dept.
CURRENT No. 2573 M

To

The Chief Secretary to Government.
Ootacamund.

05 AUG 95

Sir,

In accordance with the fourth resolution passed at the public meeting, held in the garden of M. Ahmad Sahib, requesting the chairman to submit the memorial signed by the representative members of the masses, I have the honor to send you the enclosed.

I have the honor to be,
Sir
Your most obedient servant.
M. Seegmuller C.
Chairman.

Salem. -
3rd Aug: 1895

[9]

LOCAL AND MUNICIPAL DEPARTMENT.

Local & Municipal Dept.
CURRENT No. 2513 M

From

Rev. M. Seegmuller.
Chairman of a public meeting held at
Salem.

No. —

Dated 3rd August 1895.
Received 8th August 1895.
Enclosures one.

SUBJECT.

Submitting a memorial from the
habitants of Salem praying
t the water supply scheme for the town
lem ~~town~~ proposed by the Collector may be sanctioned.
an early date

[50—24-4-95.]

GOVERNMENT OF MADRAS.

SANITARY BOARD OFFICE.

GENERAL SANITATION ~~DEPARTMENT~~ Branch.

Proceedings of the Sanitary Board, No. 15, dated 13th August 1895.

Honorable Col. J. Pennycuick R.E.
President

SURGEON-LT.-COL. W. G. KING, M.B., C.M., D.P.H., AG. SANITARY COMMISSIONER, MADRAS.
J. A. JONES, ESQ., M.I.C.E., F.R.S.E., SANITARY ENGINEER TO GOVERNMENT.
Members

READ the following:—

513 April

Letter No. $\frac{1085}{3}$ dated 26th March 1895, Resolution of the Municipal Council, Salem and endorsement thereon dated 11th May 1895 No. 1960 by the Collector of Salem on the proposed water supply scheme for the town.

Note by the President of the Sanitary Board dated 8th July 1895.

Note by the Sanitary Commissioner dated 17th July 1895.

---

513 April

Resolved that letter No. 1085 dated 26th March 1895, the Resolution of the Municipal Council and the endorsement of the Collector be forwarded to Govt. with the following remarks:—

In his letter the Collector of Salem

Salem after urging the great sanitary importance of a sufficient water supply for Salem, with which the Sanitary Board fully agree, advises the investigation of a scheme suggested verbally to him by the late Acting Sanitary Engineer, Mr Ellis. This involves the collection of the subsoil water derived from the area between Attur and Salem, bounded by the Shevaroy's on the North West and North East, on the West by the Gudamallies, and on the South by the Garragu Mallies. The inclination of this area is towards Salem, and, above Fischer's Anicut it is narrowed so as to lead to the belief — supported by the existence of copious underground water at this point — that it could be possible to intercept a large part of the total subsoil water by means of either a gallery or a series of wells, the latter mode being preferable.

2 The scheme in the opinion of the Board presents the prime features requisite for success in reference to the direction of the subsoil water flow, as judged by the fall of the country, and the large catchment area included by the boundaries above defined; but the character of the rocky stratum upon which this subsoil water is supported in respect to the existence of fissures and interruptions by boulders, leaves

it

it open to doubt whether the amount likely to be collected would suffice fully for requirements. It is, therefore, essential before attempting to formulate any scheme that an approximate estimate of the possible yield of water should be ascertained. The Sanitary Board, therefore, advises that an Engineer Officer should be at once appointed, who should undertake by the sinking of two or three wells on the line indicated by Mr Ellis — care being taken to avoid infiltration from the graveyard and paddy fields in the neighbourhood — to test the amount available. For this investigation, the Municipality has allotted the sum of Rs 2000.

3. The question of the selection of an officer to carry out this investigation, the Sanitary Board advise should be referred to the Public Works and Local and Municipal Departments; it being unlikely that the services of Mr Ellis, which have been specially asked for by the Municipality of Salem in the above reference, could be made available.

Ⓑ This is unnecessary as the scheme for Salem is on the Sanitary Engineer's programme for 1895 —

4. In the event of it being ascertained that the quantity or quality of the water secured by this method is unsuitable, the Board are of opinion that the scheme proposed by Mr Allen, late Local Fun
Engineer, Salem District for obtaining water from the Northern slopes of the

Shevaroy's

Shevaroys should undergo careful investigation – there being in the opinion of the Board much to commend it.

WG King

Surgeon Lieut Col.
Secretary (General Sanitation Branch) Sanitary Board.

2567 M

No. 1353/5

OFFICE OF SANITARY COMMISSIONER,
Fort St. George, 13' August 1895.

Local & Municipal Dept.
CURRENT No. 2567 M

From

SURGEON LIEUT.-COL. W. G. KING, M.B., C.M., D.P.H.,
Secy (General Sanitation Branch) Sanitary Board.
SANITARY COMMISSIONER FOR MADRAS,

To

THE Chief Secretary to Government
Local & Municipal Deptt
Fort St George

Enclosure.

SIR,

I have the honor to forward herewith Proceedings of the Sanitary Board on the water supply scheme for Salem town.

I have the honor to be,
Sir,
Your most Obedient Servt
WG King

Surgn Lieut Col
Secy (General Sanitation Branch)
Sanitary Board

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[illegible] understood [illegible] passes the proposal. It wd.
[illegible] be safer to call him O.O before this issues.

27-3-94.

Local & Municipal Dept.
CURRENT No. 2567 M

Cur 2513 M/95 ✓
693 M 25-3-95 ✓
466 M 19-3-95 ✓
1601 M 2-11-94 ✓
1119 M 21-8-94 ✓
714 M 7-6-94 ✓
855 M 18-5-92 ✓
293 M 26-3-88
1436 M 15-12-88 ✓

1668 M 8-11-94 ✓
462 M 7-4-94 ✓
9 M 4-1-94

General Sanitation ~~DEPARTMENT~~ Branch.

From

H. G. King
SURGEON LIEUT.-COL. ~~I. A. LAING~~,
SANITARY COMMISSIONER FOR MADRAS,

To

THE Chief Secretary
to Government
Local & Municipal

No. 1353/S

Dated 13
Despatched 13"
Received 13 AUG 95
} August 1895.

ENCLOSURES. ~~Five~~ 1 & C. No. 1598 M held.

Subject.

Forwards the Proceedings of the Sanitary Board No 15 on the water supply scheme for the town of Salem.

16/9

Papers to be read in Proceedings :—

Again G.O., dated 189 , No.

Current No. 1598 M of 1895, dated 26th April 1895, from the Chairman, M.C., Salem.
Current No. 2513 M of 1895, dated 3rd August 1895, from the Rev. M. Seegmuller of Salem.
— do — 2567 M . . . . . 13th August 1895, ... Sanitary Commissioner for Madras.

Order.

The proceedings of the Sanitary Board forwarded with the Sanitary Commissioner's letter read above, will be communicated to the municipal council, Salem.

2. The Government regrets its inability to comply with the council's request that Mr. Ellis should be deputed to investigate the scheme for the water-supply of the town proposed by him. The scheme, however, forms part of the programme of the Sanitary Engineer for 1895 laid down in G.O. No. 1668 M / 8.11.94, & that officer ✗ The Sanitary Engineer will, ~~however~~, be requested to carry out this investigation at a very early date and report the result to Government.

V.R.
12/8/95

M 16.8.95

To The Chairman, M.C., Salem.
" Collector
" Sanitary Commissioner.
" " Engineer.

+ He probably changed his mind. Better ask him. Remember about it

Note.

The water supply scheme for Salem is one of the five schemes which the Sanitary Engineer has promised to draw up in 1895. There is therefore no necessity for deputing a Special P.W. Officer for the purpose.

✗ The San. Engr. must have seen the San. Board's proceedings, & it is not understood how he passed the proposal. It would be safer to ask him D.O. before this issues.

Copy & rep sheet prepared [illegible]

CS/

Refce.

D.O. of 5-9-95

My dear Jones

In para 3. of the Sanitary Board's proceedings No. 15/13.8.95, on the subject of the Salem water-supply scheme, it is proposed that a special officer should be deputed to investigate the scheme for the town suggested by Mr. Lowner. In G.O. 1668.M./8.11.94 the Salem water-supply has been entered as one of the schemes that will be taken up by your Dept. in 1895. ~~I am to ask therefore, whether there are any reasons for the deviation from~~. There is, perhaps, some reason for this ~~proposed~~ deviation from the sanctioned programme ~~laid down~~, which does not appear in the San. Board's proceedings, and I am to ask that kindly will let Govt. know why it has been proposed by the S. Bd that a special officer should be deputed for the work.

W 29.8.95 Ld 1/9 (from orders)

Salem Water Supply

1598 - 2513 & 2567 W

Wm
misc.

S.E./5. 8-2-95—1,000

No

GOVERNMEN

Office of Sanitary En

Fort St. George, 5. 9

CHIEF S
-6 SEP. 18
GOVERNMENT OF MA

My dear Price

Yours, re Salem Wate Supply & resolution of S-B.—

So far as I remember the reason why a special officer was proposed for duty at Salem was, the necessity for an officer of the grade of Asst Engineer to carry out the necessary experiments

[6]

LOCAL AND MUNICIPAL DEPARTMENT

From

the Sanitary Engineer.

No.

Dated

Received

Enclosures

SUBJECT.

e - Salem water supply
cheme.

L&M. DEPARTMENT.

[G./24.]
290—23-7-95.

Papers to be read in proceedings :—

Again G.O., dated 189 , No.
Again G.O., dated 189 , No.
Current No. 1598 M of 1895, dated , from
" " 2513 M " 1895, " , "
" " 2567 M " 1895, " , "

ORDER.

What has immediately to be done is to sink 2 or 3 wells in a particular locality which Mr. Jones could no doubt find time to point out (or I dare say Mr. Ellis would be so good as to run up for the purpose some Saturday returning to his work in Madras on the Monday) — This done, surely an officer on special duty is not required — the well sinking etc. be done by contract under the supervision of the local P.W.D. officer & the results be reported

20/9/95

The proceedings of the Sanitary Board forwarded with the San. Commr's letter read above will be communicated to the Municipal Council, Salem.

2. The Govt. regrets its inability to comply with the Council's request that Mr. Ellis should be deputed to investigate the scheme for the water supply of the town proposed by him. The D.P.W. will, however, be requested to select an officer for the work, & ~~to~~ directing him to proceed with it at ~~the earliest~~ an early date, & to report the result of his investigation to Govt.

W.C. 13.9.95

17/9/95

To D.P.W. for favour of counterinitials

19/9

CS:/

Order. 1-10-95. No. 1581 mnis

The progs. of the San. Bd. ~~forwarded~~ submitted
with the San. Commr's letter read above
will be forwarded to the Munl.
Council Salem.

(Mr. Ellis has now returned to his post as
2. ~~The Govt. regrets its inability~~
~~Municipal~~ Engineer, Madras Municipality, & cannot therefore be deputed,
~~to comply with the Council's request~~
as requested by the Council,
~~that Mr. Ellis should be deputed~~ to
investigate the scheme for the water supply
of the town proposed by him. ~~Mr.~~ The Municipal
Commr. of Madras will however be requested to permit him
~~Ellis will however be requested~~ to visit
if this can be done without prejudice to his duties in Madras
Salem for a day or two ~~at an early date~~, to point out to
the Exec. Engr., Salem, the places in
which the wells referred to in para. 2. of
the San. Board's progs. should be sunk, & the
Exec. Engr. will be requested in the
D.P.W. to undertake the investigation
into ~~of~~ the supply of water available, which is recom-
mended by the Board, & to report the results to Govt.

(for orders.)

W.r 25.9.95 JD 25/9/95

To the Secretary D.P.W. for favour of counter-initials.

Salem Water supply
Scheme

Am.

(for orders)

Secy to Govt., P.W.D. for
favour of counter-initials.

Joint. Sec.
To San. Board ✓ Pd 1st, Q 7 2nd, Pd 2nd do.
- C.M.C. Salem ✓ Pd 1st, Q 7 2nd, Pd 3rd do.
- R. Ellis. Esq ✓ P d o
- Pres. Madras Munl. Commn. ✓ P d o
Desp. 8/10/95

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} 189 .

AGAIN G.O., No. DATED
189 ,

ENT No.

ENCLOSURES TO C. No.

ORDER OF GOVERNMENT .. .. .. A A A A A A A

LETTER OF GOVERNMENT.

STATEMENT WITH DITTO.

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