

(1) Number of pages _____

(2) Date of repair _____

(3) Initials of the Referencer _____

MADRAS RECORD OFFICE

Government of Madras

Public Works DEPARTMENT

G.O. No.	1055	Press
B.P. No.		Mis.
137, 138,		
Dated	5-4-	1873.

Not to be folded or roughly handled

*Proceedings of the Madras Government, Public Works Department,
5th April 1873.*

No. 137. Read the following Endorsement of the Chief Secretary to Government, dated Fort St. George, 10th March 1873:—
From the Acting President of the Municipal Commission, Madura, to the Chief Secretary to Government, Fort St. George, dated Madura, 4th March 1873, No. 11.

I HAVE the honour to submit, for the favourable consideration of Government, a letter No. 54, dated 1st March 1873, with its enclosures, addressed to me by the Vice President of the Madura Municipality. The Commissioners request that the services of a professional Engineer may be lent by Government for the purpose of framing a scheme for the drainage and water-supply of the town. These are matters of vital importance to Madura, and I am convinced that nothing will be accomplished without the assistance of Government.

TRANSFERRED to the Public Works Department for disposal.

(Signed) W. HUDLESTON,
Chief Secretary.

No. 138.

ORDER THEREON, 5th April 1873, No. 1,055.

CIVIL WORKS, No. 8.

RECORDED with reference to G. O.
No. 86, dated 12th March 1873.

(True Extract.)

(Signed) G. W. WALKER, Colonel, R.E.,
Secretary to Government.

To the Financial Department.
,, District Engineer, Madura.

Exd. E. C. Shunker.

No 11 President's Office
Madura
4 March 1873
From,

To, W. M. C. Quhae Esquire
Ag. President of the Municipal
Commission, Madura

The Honorable H. Huddleston
Chief Secretary to Government
Fort Saint George.

I have the honor to submit for the
favourable Consideration of Government a letter
No 54 dated 1st March 1873 with its enclosures
addressed to me by the Vice President of the
Madura Municipality. The Commissioners
request that the services of a professional
Engineer may be lent by Government for
the purpose of framing a scheme for the
drainage and water supply of the Town.
These are matters of vital importance to
Madura and I am convinced that
nothing

nothing will be accomplished without
the assistance of Government.

I have the honor to be,

Yr
Your most Obedt Servt

Wm. Dulac
City President

No 4822

District Engineers Office
Madura 10th February 1873

From

Lieut Col. R. S. Roberts R.E.
District Engineer Madras

To

J. L. Nicholson Esquire
Vice President
Madras Municipality

Sir

In reference to the wish
expressed by the Commissioners at the
Municipal Meeting on the 2^d February
1873 that I would furnish them with
my views as to the improvement of the
drainage of the town, with a view of re-
ducing the current expenditure on con-
servancy I have the honor to report
as follows:—

2. I may premise by saying
that this question is intimately mixed
up with that of furnishing the town
with an ample supply of wholesome
water; and in fact that it is useless
to attempt to separate these two
questions.

3. In their Proceedings
under date 2nd October 1872 No. IV
the Commissioners have already
requested

soliciting that the services of Lieutenant
Greer A.C., now on special duty at the
Gadalupe Ghaut, may be spared as
soon as the season for work on the
ghaut is at end, as it will shortly be
for the purpose of making the necessary
investigations in connection with the
water supply and drainage of the town.
All such expenses as would be entailed
for the pay of Greer & riding & diet
Greer should of course be made good
by the Municipality.

I have the honor to be

Yours most obedt Servt

Signed, Roca & Robertson

(District Engineer, Malabar)

(True Copy)

Ed. Wilson

Vice President

Enclosure. to I. in
Enclosure. to I. in
a letter

From
The Mayor President
Municipal Commission
Madura
To the Chief Secretary
to Government
Fort St. George

Dated: March 1873
No 11

Copy of a letter from
the Dist Engineer
No. 4822 of the 15th February
1873.

1088159 3/17/73

Dist. 457/73

No 54

Madura Municipal Commission
Office 1st March 1873

From

J. A. Nicholson Esquire
Vice President
Municipal Com^{rs}
Madura

To

W. McQuhal Esquire
President
Municipal Com^{rs}
Madura

Sir

Enclosures.

1. Copy of the Dist
Engineer's letter
No. 4822 of the 15th
Feb 1873.
2. Copy of resolution
of the meeting
of the 19th Feb 1873.

I beg to forward herewith
a copy of a letter from the District Engineer
together with a resolution of the Municipal Com-
missioners thereon, and a short statement of the
facts of the case.
In 1857 Colonel Horsley adopted and partially
carried out a scheme for the water supply of the
Town, which however in later years from want of
funds or for some other reasons
was abandoned.
after much money had been spent. An elevated
earthen channel still exists, at the West end of
the town and runs in such a way that it meets the
river about 3 miles above the town.

As

The river is said to fall 6 feet per mile it
was intended to bring the water from such
a point that it would command the whole
town which in some places is over 16 feet above
the river bed at Aladura.

The question of water supply though ad-
mittedly a vital question to the interests of
this town has since been in abeyance, but the
commissioners are now desirous of adopting a
some well digested scheme (1) to supply here
for drinking water to our population of about 5000,
(2) to provide for the flushing of the side drains
which are well known to be a thorough nuisance
and a source of ill health to many.

(1) The water supply of Aladura is derived partly
from the river either from the stream when in
fresh, or from the bed when dry, partly from
one or two tanks which are usually full, and
partly from a few ^{wells} ~~wells~~. Water flows in the
river, which is merely a wide mountain stream,
for but very few ^{months} ~~months~~ in the year and is then
very turbid. At all other times however clear
water can be obtained by scrapping holes in
the sandy bed. The richer inhabitants do purchase
small supplies from vendors of river water
but there form but a very small proportion
of the population. The bulk of the people
being poor and at some distance from
the

the river, prefer the public wells. It is supposed
would be as to expect the water of such
wells is more or less tainted: more the town
even now kept her feet clean yet the soil is
impregnated with salts arising from organic
decomposition and the water is consequently
more or less saltish. In some cases the taste
is very perceptible and even when it is not
so it by no means follows that the water is
harmless. But for this I would point out
that the water may be expected to contain
actual organic matter: the superficies of
the base of the inverted cone of which ^{each} ~~each~~
is the axis, embraces many backyards of known
filthiness, many imperfect house drains &
abovall, the front street drains which run in
all cases within a yard or two of the public
wells, and which are so imperfectly constructed
of roughly pointed stones that large
quantities of sewage find their way into
the wells. In the absence of a chemical
analysis, I am unable ^{however} to state the actual
purity of the water as respects organic
matter.

matter, but it may be presumed from
the above circumstances the of a low degree
the commissioners then being anxious to provide
an abundant supply of unimpurely pure
water have again turned to the question
of supply from the river.

(2) I have above stated that the Town drains
are very faulty: I would point out that
the streets of Madras are mostly provided
with stone side drains on both sides of the
streets. These are rectangular and therefore
faulty in shape, incorrect in their level,
and so rough in their construction that
all sewage stagnates in them until driven
forward by manual labour. It is therefore
proposed entirely to relay the drains, &
altering their shape, correcting and system-
atizing their levels and perfecting their
construction. The sewage will thus
flow more easily and to aid in this flow
it is proposed to flush the drains by means
of the new supply of water or by a supply
from

from present sources. In any case these
questions of water supply and drainage
are so intimately connected that the com-
missioners are unable to attempt the one
without also carrying out the other.

The town contains many miles of street
and side drains and has a population
of some 50,000. It is therefore impossible
that any one but a professional Engineer
with considerable leisure can make such
enquiry as would justify the Commissioners
in adopting a scheme proposed. At the
same time there are no great difficulties,
as from levels taken (but not checked) it is
would seem that there is every prospect of
bringing water into the town freely and
re easily removing it after it has done its
work. The commissioners therefore have
adopted the enclosed resolution and
request that you will be good enough

to submit it for the favourable consideration of Government.

With reference to cost, it is at present impossible even approximately to state as anything. As regards funds the Commission have now in deposit a sum of Rs 17,900 reserved for some such scheme. A considerable sum can also be set apart yearly, and as the only general tax (except that of Vehicles &c) now in force is a 4 per cent house tax, producing Rs. 12000, a temporary increase of 2 per cent would give Rs 6000 extra per annum. But a loan from Government would probably be necessary as the first outlay for so large a town would necessarily be heavy.

I may add that the town has recently been completely surveyed and mapped and that levels alone are required.

Colonel

The Proceedings of
Colonel Roberts the District Engineer
has kindly taken considerable interest and
trouble in this matter and as his letter
shows urges the immediate consideration
of the matter.

I have the honor to be
Sir
Your most obedient
servant
J. H. Wilson.
Vice President

Vol. 11, No. 21
From

The Vice President
Municipal Comm.
To

The Vice President
Municipal Comm.
Madame

April 1st
Rescinded { March 1894

(1054)

Enclosure, too.

Transmitting a copy of the
Commissioner's resolution
regarding the water supply
suburbs of the town with
which I am in full of facts
and requesting to be
the same for the favorable
consideration of you?

Enclosure I in a letter
 From
 The President
 Municipal Commission
 Madras
 To
 The Chief Secretary
 Government
 Fort St. George
 Dated 4th March 1873
 No 11
 Enc: 2.

Letter No 511 dated 1st
 March 1873 addressed by
 the Vice President, Madras
 Municipality.

MS 1593/73
 14 5 April 73 B.N.
 137.
 File 457/73

Extract from the Proceedings of
 the Madras Municipal Meeting
 held on the 19th February 1873

I. Read District Engineer's
 letter No 4822 of the 10th February 1873
 reporting upon the Town Water Project

Resolved that an ap-
 plication be made to the Govern-
 ment that the services of Lieutenant
 Green be spared to the Municipa-
 lity as soon as the working season
 at Gudalur Ghant be over in order
 thoroughly to investigate the question
 of water supply and drainage for
 the town as a matter of vital im-
 portance.

True Extract
 W. Wilson
 Vice President

PA 1873 Departe
1873 Feb. 11 Departe

No. 1593
From The President
Municipal Commission
Madura

To The Chief Secretary
to Government
No 459 Fort St George

Dated 11 March 1873.
Recd. 11 March 1873.
No 11

Enclosure I (with 2 Encs)
Submitting for the favour-
able consideration of
Government a letter No 54
(with enclosures) addressed
by the Vice President Madras
Municipality regarding the
drainage & water supply
of the Town.

With an order

Am 5 Feb 1873

To the President
Municipal Commission
Madura

1055-
Submitted for the favour-
able consideration of
Government a letter No 54
(with enclosures) addressed
by the Vice President Madras
Municipality regarding the
drainage & water supply
of the Town.

1:137.38
626 Mar 1873

1055-
Submitted for the favour-
able consideration of
Government a letter No 54
(with enclosures) addressed
by the Vice President Madras
Municipality regarding the
drainage & water supply
of the Town.

1055-
Submitted for the favour-
able consideration of
Government a letter No 54
(with enclosures) addressed
by the Vice President Madras
Municipality regarding the
drainage & water supply
of the Town.

1055-
Submitted for the favour-
able consideration of
Government a letter No 54
(with enclosures) addressed
by the Vice President Madras
Municipality regarding the
drainage & water supply
of the Town.

Enclosure No 1 in
letter

From

The Vice President
Municipal Commission
Madura

To the Chief Secretary
to Government
Fort St George

Dated 11 March 1873

No 11

Received from the
President of the
Municipal Commission
Madura
11 March 1873

PA 1873 Departe
1873 Feb. 11 Departe
No. 1593
From The President
Municipal Commission
Madura
To The Chief Secretary
to Government
Fort St George
Dated 11 March 1873
No 11

Cp 159 3
Oct. of 1873 Madras.

PUBLIC WORKS.

The Financial Dept.

Dated

Recd.

Encl. 3

G. O. 5th April 1873, 4055.

No. 1374-138

Makes supply of

Madras. Corros.

condense, submitted

by the As. President,

Madras Municipi-

ality, relative to the

~~same~~ employ-

ment of St. Peter in

connection with the water

supply in the Madras Municipality.