

G.O., No. 560 Marine

DATED 19 August 1896

[Despatch Abstract.]

Revelement, stating that the Govt is at present not prepared to order the construction of a - to prevent further erosion of the sea to the north of the Madras Harbour, but that it will await the results of the action of the next N.E. monsoon.

INDEX

24/8 results

M. S.
[100-15-3-96]

Stating that the Government is at present not prepared to order the construction of a — to prevent further erosion of the sea to the north of the Madras Harbour, but that it will await the results of the action of the next north-east monsoon.

GOVERNMENT OF MADRAS.

MARINE DEPARTMENT.

READ—the following papers :—

From Lieutenant-Colonel G. M. J. MOORE, C.I.F., President, Municipal Commission, to the Chief Secretary to Government, dated Madras, 4th June 1896, P.W. No. 348.

With reference to G.O., Mis. No. 865 M., dated 21st May 1896, I have the honour to state that the only site to which the sewage can be diverted is to the south of the Cotton canal, west of the Cochrane canal and north-east of the Veyasarpady tank.

The distance from the Ráyapuram pumping station is 12,760 feet and the estimated cost of the diversion is Rs. 1,78,640.

This site has been surveyed in connection with the drainage scheme under consideration, and I do not think that it can be utilized on account of the nature of the soil which is a stiff clay and it would be practically impossible to lead the effluent or surplus water into the sea. The ground slopes towards the Cotton canal on the north and towards the Cochrane canal on the east and a sewage farm on this site would result in fouling the canal.

The Black Town site on the contrary is most favourable being a sandy soil on which the grass grows luxuriantly and which practically requires no underdrainage.

Under these circumstances I would strongly advocate the extension of the Black Town farm; in fact I am continually acquiring land for that purpose.

No. 655.

Transferred to the Marine Department with reference to G.O., No. 296, Marine, dated 29th April 1896.

FORT ST. GEORGE,
13th June 1896.

(Signed) W. W. PHILLIPS,
Acting Assistant Secretary.

From W. AUSTIN, Esq., I.C.S., Chairman, Harbour Trust Board, to the Joint Secretary to Government, Marine Department, dated Madras, 15th July 1896, No. 1531.

I have the honour to acknowledge the receipt of your memorandum No. 340 E., dated 30th June, and submit herewith, as directed, a tracing showing the erosion of land north of the harbour during the past five years.

2. The reasons for the statement made by the Board's Engineer, that very little if any further erosion will take place, are not known. He will be requested to give his reasons on his return from leave.

From R. E. ELLIS, Esq., M. INST., C.E., Acting President, Municipal Commission, to the Secretary to Government, Marine Department, dated Madras, 3rd August 1896, P.W. No. 690.

In reply to your memorandum No. 368 E., dated 21st July 1896, I have the honour to inform you that the plot referred to was about one-third of the Black Town farm at the time of letting the contract, but as considerable extensions have been made it represents only one-eighth of the farm at the present time.

The revenue derived from this plot is Rs. 1,556-4-0 per annum which represents a capital of Rs. 38,906-4-0 at 4 per cent. New plots added to the farm are paid for by the contractor on a much lower rate, so that the surrender would represent a considerable loss unless amply compensated for.

ORDER—No. 560, Marine, dated 19th August 1896.

His Excellency the Governor in Council is not at present prepared to order the construction of the revetment at the large outlay which would be necessary for the purpose, but will await the results of the action of the next north-east monsoon, which should be reported in due course; the line of Harbour Works on the 31st October being indicated on the plan already submitted, which will now be returned to the Chairman, Harbour Trust Board.

(True Extract.)

Under Secretary to Government.

To the Chairman, Harbour Trust Board, with plan.
,, Local and Municipal Department.

Ed. C. M. Brisson.

PROCEEDINGS OF THE MADRAS GOVERNMENT.

Read the following

Endorsement by the Local & Municipal Dept. on letter from the H. Presdt. M. M. C. No. 348 of June 14th 1896.

Letter from the Ch. H. J. B. No. 1531 of July 15th.

Letter from the Pres. M. M. C. No. 690 of Aug. 3rd.

H.E. No. 655 of June 13, 1896.

" " 1531 of July 15th.

" " 690 of Aug. 3rd.

No. 560 Marine, dated 19th August 1896.

His Excellency the Governor in Council is not at present prepared to order the construction of the revetment at the large outlay which would be necessary for the purpose, but will await the results of the action of the next N.E. monsoon, which

should be reported in due
course; the line of H.W.
on the 31st October being
indicated on the plan
already submitted, which
will now be returned to
the Chaviman Harbour
Trust Board.

17/8/96

See also
2/9/96
To, The Chaviman H. T. B.
" Local & Mnd Dept
with plan.

P. W. DEPARTMENT.
G.O. 560 May
19.8.96

Read the following:—

Endt. by the L & M. Dept. N^o 655 of June 13, 1896, in letter from
the Presdt Madras Municipal Comm: N^o 348 of 4/6/96
Letter from the Ch. H. T. B. N^o 1531 of July 15, 1896
Letter from the Ag. Pres. Madras Mnd Com: N^o 690 of Aug 3. '96

FOR ORDERS.

Attention is invited to
the note for orders on the letter
from the President of the Madras
Municipal Commission N^o 348
dated 4 June 1896, and the
remarks thereon by Hon: Members.

I think we might wait a year, as proposed,
to see if Mr. Poyser's prognostications are
fully fulfilled or not.

A. H.
11.8.96

Anyway we can wait
until the turn of the monsoon—
say to the end of October—when
the full extent of this year's erosion
will be apparent. I would get the
line of H.W. on Oct 31 marked
on the plan.

B. S.
13/8/96

No immediate action
is necessary

J. S.
13/8/96

2. With reference to His
Excellency's inquiries, it is submitted
that the Harbour Trust Board
must pay for the extension of
theirrevetment. They have
hitherto paid, and have never
demeaned to doing so. They
must either pay for protective
works, give compensation to
owners of land that may be
washed away, or buy up the
threatened land in anticipation
of its erosion. The last mentioned
course is what they would

like to adopt in the present case, as being the cheapest to them; but the question arises whether, if the land now in question, which is a municipal sewage farm, is left to the mercy of the sea, and the sewage of that part of the town diverted to another and less suitable place, the health of the city of Madras may not be prejudicially affected.

3. The plan called for by His Excellency has also been obtained and is submitted. It shows the extent of the erosion from 1892-1896, and the sewage farm in question, which belongs to the Municipality.

4. It will be seen from the President's letter of the 3rd August 1896 N^o 690 that the pink patch which the Harbour Trust Board propose to deprive the Municipality of (by purchase) represents one eighth of the farm,

and is valued at Rs 38,906.

5. The action to be taken by Government very much depends on the probable consequences of allowing the sea free play. The Harbour Works Engineer, has declared the opinion that very little, if any, further erosion will take place. The grounds on which this opinion is based are not, however, on record, and the Harbour Trust Board say that Mr Pogue will be called on to give his reasons on his return from England.

6. Judging from the amount of erosion in previous years it seems that not much damage would be done to the sewage farm by allowing things to remain as they are for another year till it is seen if Mr Pogue's prognostication is fulfilled, if it is not, then the Trust will have to pay compensation

for the area of farm lost
during the year and should
be made to construct the
revetment at once to prevent
further erosion there being
no other suitable place for a
sewage farm, if it is fulfilled
it will be unnecessary
to construct a revetment
and 2½ lakhs will be
saved.

8/8/84

M

FOR ORDERS.

Erosion of land to the
north of the Harbour,
Madras.

P. W. No. 690

Public Works Department,

Municipal Office,

Madras, 3rd August 1896.

FROM

R.E. Ellis Esq. M. Inst. C.E.,

Ag. President, Municipal Commission.

TO

The Secretary to Government,

Marine Department.

SIR,

In reply to your Memorandum No 368E dated
21st July 1896, I have the honor to inform you that the
plot referred to was about $\frac{1}{3}$ of the Black Town Farm at
the time of letting the contract but as considerable ex-
tensions have been made it represents only $\frac{1}{5}$ of the Farm
at the present time.

Enclosure
1 plan returned

The revenue derived from this plot is
Rs 1,556-4-0 per annum which represents a capital of
Rs 38,906-4-0 at 4%. New plots added to the Farm are
paid for by the Contractor on a much lower rate, so that
the surrender would represent a considerable loss unless
amply compensated for.

I have the honor to be,

Sir,

Your most obedient servant

R.E. Ellis

Ag. President, M.C.

Im. M.

CAW
14/8

EN 853

Having from the answer
 of vision in previous years
 it seems that no much damage
 done to the land of the survey
 from of allowing them to
 remain in this case to make
 sure that it is not
 the Paper proposed is
 fulfilled, if it is not then
 the land will have to
 be compensation to the
 one I have lost during the
 year and some I have
 to consider the matter
 at the present further
 vision there being no other
 matter place of a new form
 if, if it is ~~the~~ fulfilled
 it will be necessary to consider
 a matter - 2 1/2 has been
 to hand

8/8/26

And to the J

MARINE C. No 853

Recd 6.8.96.

Enc 1 plan

1896.

Madras Municipality.

From

The President,

Municipal Commission,

MADRAS.

To

The Secretary
to Government
Marine Deptt.

P. W. No. 690

Dated 3rd

Despd. 4th

Recd.

August 1896

Enc.

Subject.

Giving the information
asked for in Memorandum
No 368 E dated 21st July 1896.

No 368 E d/21.7.96
" 340 E d/30.6.96
" 296.4. d/29.4.96
" 1731 C d/27.3.96
" 688 ~~the~~ d/27.3.85
" 1839 W d/18.7.82
" 698 W d/12.3.82
" 278 d/8.3.82 d/16

Harbour Trust Office,

MADRAS, 15th July 1896.

No. 1531

FROM

Wm. Austin Esq. J. C. I.

CHAIRMAN, HARBOUR TRUST BOARD,

MADRAS.

TO

The Honble Col. D. McNeil Campbell R. E.

JOINT SECRETARY TO GOVERNMENT,

Marine Department.

Sir

I have the honor to acknowledge the receipt of your memo
No 340 E dated 30th June and submit herewith, as directed, a tracing
showing the erosion of land north of the Harbour during the past
five years.

2. The reasons for the statement made by the Board's
Engineer, that very little if any further erosion will take place, are
not known. He will be requested to give his reasons on his return
from leave.

I have the honor to be
Sir

Your Obedient Servant

Wm. Austin

Chairman
Harbour Trust Board.

Secy.

Secy.

MARINE DEPARTMENT.

MARINE G. No. 783

Recd 17.7.86
Encl 1 Plan

FROM

THE CHAIRMAN,
HARBOUR TRUST BOARD,
MADRAS.

TO

THE SECRETARY TO GOVERNMENT,
Marine Department.

DATED 15th July 86

DESPATCHED 15th

RECEIVED

ENCLOSURE one Plan

No. 1531

SUBJECT.

Submitting a tracing
showing the erosion of land
north of the Harbour during the
past five years

SCOTTISH PRESS.

P.W.
1.

P. W. No. 348

MUNICIPALITY OF MADRAS,
Public Works Department,

Madras, 4th June 1896

From

LIEUT.-COL. G. M. J. MOORE, C. I. E.,

President, Municipal Commission.

To

The Chief Secretary to Government,
Fort St George.

SIR,

Enclosure.

With reference to G.O. No 865 M.Mis. dated 21st
May 1896 I have the honor to state that the only site to
which the sewage can be diverted is to the south of the
Cotton Canal, west of the Cochrane Canal and north-east of
the Veyasarpady Tank.

The distance from the Royapuram Pumping Station
is 12,760 ft. and the estimated cost of the diversion is
Rs 1,78,640.

This site has been surveyed in connection with
the Drainage Scheme under consideration, and I do not
think that it can be utilized on account of the nature
of the soil which is a stiff clay and it would be practi-
cally impossible to lead the effluent or surplus water
into the sea. The ground slopes towards the Cotton canal
on the north and towards the Cochrane Canal on the east
and a Sewage Farm on this site would result in fouling
the Canal.

The Black Town site on the contrary is most
favourable being a sandy soil on which the grass grows
luxuriantly and which practically requires no under-
drainage.

Under these circumstances I would strongly
advocate the extension of the Black Town Farm - in fact

I am continually acquiring land for that purpose.

FROM

I have the honor to be,

Sir,

Your most obedient servant,

Wm. M. C. Lt.-Col.

President, M.M.C.

TO

DA

DE

RI

E

General Dept.
CURRENT NO. 16/12/96
1896.

Madras Municipality.

From

The President,
Municipal Commission,
MADRAS.

To

The Chief Secretary
to Government
Fort St. George

P. W. No. 348

Dated 4th

Despd. 4th

Recd. 5 JUN. 96

Enc.

Subject.

Reporting on the site to be
selected for a sewage farm in
case the Black Town Sewage
Farm should be washed away
and suggesting the extension of the
present farm towards the West.

865th 21-52-96 671

Des 15. 1896

No. 655

Transferred to the Marine
Department with reference
to fo. no. 296 marine dated 29th
April 1896.

W. W. Phillips
Ag. Assistant Secretary.

11/6/96
13th June 1896
for St. George

5.3.82.278 21/2

17.3.82.698 1/2

18.7.82.1839 1/2

3.3.85.268 Res or 688th. Feb 27. 3.85

27.3.96. 1731 C

29.4.96. 246 Marine

To

The Marine Department

(With Encl.)

76. 2/96

scheme or — already believe, Engd respectively employed in
ing the Financial & believe, Engd respectively employed in
of the policy of the Indian Government will. 11