

(1) Number of pages 18 9
(2) Date of repair 23.7.86
(3) Initials of the Referencer lon

TAMIL NADU ARCHIVES

GOVERNMENT OF TAMIL NADU

PUBLIC WORKS. DEPARTMENT

G.O. No.	2088.W.	Press.
B.P. No.		Mis.
Dated	8-5-1878	-197-

2.8.

Not to be folded or roughly handled

2088

GOVERNMENT OF MADRAS.
PUBLIC WORKS DEPARTMENT.

8th May 1878, No. 2,088 W.

Buildings and Roads.

Civil Works.

Read the following papers :—

No. 84. From A. MACKENZIE, Esq., Chairman, Chamber of Commerce, to the Secretary to Government, Public Works Department, dated Madras, 12th April 1878.

I HAVE the honor to acknowledge receipt of the Proceedings of Government, Public Works Department, 28th February, from which the Chamber have learnt that the Government have directed the Superintendent of the Harbour Works to prepare an estimate for diverting the principal drain between the two piers through the surf bank of the southern harbour groyne, and that no steps are to be taken for the present to intercept the outfall of sewage from the smaller drains.

2. It is observed that His Grace the Governor in Council has been informed that there is no flow of consequence from these smaller drains ; but the Chamber would respectfully remark that this is not the case during rainy weather, when the drains in the town are flushed and the accumulations of months are washed through the pipes to their outlet. It seems to the Chamber that the discharge of any sewage in the space enclosed by the harbour groynes may fairly be deprecated on sanitary grounds, and that danger to the public health, as well as a very appreciable inconvenience to the harbour, may be expected to result from the neglect of means that readily suggest themselves for preventing the pollution of the foreshore and the still water of the harbour.

3. The diversion of the chief drain through the surf bank of the southern groyne will doubtless, at comparatively small cost, shift the nuisance and danger complained of a few yards seawards, but the southern angle formed by the surf bank with the shore will (especially during the south-west monsoon, when still water will be found there) become little better than a cess-pool, and the beach for some little distance may become most objectionable in consequence. The Chamber venture to think that, as public health is concerned, it would be more economical in the long run to employ efficient means for grappling with the difficulty which has arisen from the Harbour Works. The re-arrangement of the drainage of the foreshore is a costly necessity arising from, and fairly debitable to, the harbour scheme.

No. 84-A. From L. R. BURROWS, Esq., Acting President, Municipal Commission, Madras, to the Secretary to Government, Public Works Department, dated 30th April 1878, E. No. 315.

With the view of supplying the information required in your memorandum, No. 1,884, dated 24th instant, I have the honor to forward a plan* of the area drained into the sea between the new Harbour Works groynes. The blue lines represent

* Per Sample Post.

288/2

2

PUBLIC WORKS DEPARTMENT, 8TH MAY 1878, No. 2,088 W.

the open street drains. The red lines 1, 2, 3, and 4 are underground drains. These drains carry drainage from houses as well as storm water. The other thin red lines are drains for storm water only. The number of inhabitants living within this drainage area is estimated as being below 20,000. The area is about one-third of the 3rd Municipal Division, the population of which, according to the last census, was 50,957.

No. 85.

ORDER THEREON, 8th May 1878, No. 2,088 W.

The harbour piers having advanced to a point when drainage must be stopped from flowing into the harbour or saturating the accumulated sand, the diversion of the outlet through the south pier should have been completed before this. Action should be taken at once in the matter by the Superintendent of the Madras Harbour Works, who will also devise means of diverting *all* flow of sewage from the harbour.

2. Early report will be made as to what has already been done and when what is requisite will be accomplished.

(True Extract.)

(Signed)

E. A. FOORD, Colonel, R.E.,
Secretary to Govt., P.W.D.

(True Copy.)

Major, R.E.,
Under Secy. to Govt., P.W.D.

To the District Engineer, Presidency.
" Superintendent, Madras Harbour Works, with Plan.
" Chamber of Commerce.
" Financial Department.

Exd. T. D. Ryan.
Spare Copies



BUILDINGS AND ROADS.
CIVIL WORKS.

Govt. of (1878) Madras.
PUBLIC WORKS.

To

THE DISTRICT ENGINEER,
PRESIDENCY,
&c. &c. &c.

Dated May 8th.

Issued

Recd.

Encl.

G. O., 816 May 1878, No. 2,088 W.

MAY.

No. 84-85.

Madras Harbour Works.—The Superintendent of the — to devise means for diverting all flow of sewage from the —, and calling for early report of what will be necessary to effect this.

5885/127

The Chamber of Commerce,

Madras, 12 April 1878

From

The Chairman,
Chamber of Commerce.

To

The Secretary to Government,
Public Works Department,
Madras.

I have the honor to acknowledge receipt of the Proceedings of Government, Public Works Department, 28 February from which the Chamber have learnt that the Government have directed the Superintendent of the Harbour Works to prepare an estimate for diverting the principal drain between the two piers, through the surf bank of the southern Harbour groynes; and that no steps are to be taken for the present to intercept the outfall of sewage from the smaller drains.

It is observed that His Grace the Governor in Council has been informed that there is no flow of consequence from

from these smaller drains, but the Chamber would respectfully remark that this is not the case during rainy weather, when the drains in the town are flushed, and the accumulations of months are washed through the pipes to their outlet. It seems to the Chamber that the discharge of any sewage in the space enclosed by the Harbour groynes may fairly be deprecated on sanitary grounds, and that danger to the public health as well as a very appreciable inconvenience to the Harbour may be expected to result from the neglect of means that readily suggest themselves for preventing the pollution of the foreshore and the still water of the Harbour.

The diversion of the chief drain through the surf bank of the southern groyne will doubtless, at comparatively small cost, shift the nuisance and danger complained of a few yards

seawards

2088
seawards, but the southern angle formed by the surf bank with the shore will (especially during the ^{S.W.} monsoon, when still water will be found there) become little better than a cess-pool, and the beach for some little distance may become most objectionable in consequence. The Chamber venture to think that as public health is concerned it would be more economical in the long run to employ efficient means for grappling with the difficulty which has arisen from the Harbour Works. The rearrangement of the drainage of the foreshore is a costly necessity arising from and fairly debitable to the Harbour scheme.

I have the honor to be,
Sir,

Your most obedient servant

Ainslieburg
Chairman.

3326-22-11-75
 1475-14-6-76
 1492-15-6-76
 2840-1-9-76
 2820-23-10-76
 646-27-8-77
 1619-13-11-77
 4-4-1-78
 638-4-2-78
 1766-10-4-78
 984-28-7-78
 C.E. 1582-31-10-76
 1610-4-11-78
 1605-4-11-78

Cir-17-4-78
 205-15-4-78

20/3
 Madras Municipality
 EXECUTIVE ENGINEER'S DEPARTMENT,
 Madras, 30 April 1878.

E. No. 315

From

L. R. BURROWS, Esq.,

Acting President Municipal Commission.

To

Colonel E. A. Ford, C. B.

Secretary to Government S. W. D.
 Cochinamund.

SIR,

Sample Plot
 x/v. Bangalore

With the view of supplying the in-
 formation required in your Memo No. 1884 dated
 24th instant I have the honor to forward a plan
 of the area drained into the sea between the
 New Harbour Works dykes. The blue lines re-
 present the open street drains. The red lines 1, 2,
 3 & 4 are underground drains. These drains carry
 drainage from houses as well as storm water.
 The other than red lines are drains for storm
 water only. The number of inhabitants living
 within this drainage area is estimated as being
 below 20,000. The area is about one third of
 the 3rd Municipal Division, the population
 of which according to the last census was 50,957.

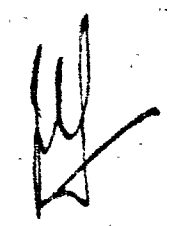
I have the honor to be

Sir,

Your obedient servant

L. R. Burrows.

Acting President M.C.


 C.P.

Letter from the Chairman, Chamber of
Commerce, dated 12th April 1878.

FOR ORDERS.

Enl.

Mu-^c-3-May 1878

Certainly consider
 that no savage whatever
 is to be allowed to enter
 the Harbour -
 Mr. Clarke's scheme is not to
 be carried out there must
 be an intercepting power
 along the beach.
 I understand Mr. Clarke's
 scheme is to finally -
 abandoned on the shore
 places. Especially
 in the view of the
 construction of the
 but when checked in his
 estimate -

Examined Col. R.E.

Sup: to Govt. P.W.D.

April/78

As above

Therapeutic agent for all conditions

Re Cir 4-5-78. Ref 8-5-78
Cir 8-5-78. Ref 4-5-78
L. Shul 4 May.

1/22

Cn. 17-4-78
 15-4-78

FOR ORDERS.

Am. to the 1st of the
the same the former

2015/7/7

PUBLIC WORKS DEPARTMENT.

Letter from the Acting President, Municipal
Commission, Madras, L No 315 dated 30.4.1978

FOR ORDERS.

I have been thinking
of you very much lately
and wondering how you
are getting along.
I hope you are well
and happy. I am
well at present.
I have been thinking
of you very much lately
and wondering how you
are getting along.
I hope you are well
and happy. I am
well at present.

Yours truly,
May 8.

Speculated to this
place the Governor with
reference to remarks on
the letter from the Chamber
of Commerce.

As it is understood that the Municipal Engineer is just now preparing a project for the drainage of Madras the Chief Engineer believes the best plan would be to let him include the necessary provision for the drainage in question in his Project separating its cost so that such may be met by Government, if necessary. E. M. Caldwell

My Friend Col. Calk
Chief Surg. & Secy. & Prot.

FOR ORDERS.

April 2008 - 5/20

Sept. 1892
Sergey - Museum of Natural History
St. Petersburg

4/5 100/15

Relist 4-5-78
Cir 2-5-78. Rpt 2-5-78
P.L. Shul & Hay

Go 2088W

PROCEEDINGS OF THE MADRAS GOVERNMENT.

UNDER date the 8 May/30
Read the following:—

From the Chairman, Chamber of Commerce } (H.C. — d/12th April 1878)
 & The President, Municipal } (H.C. N^o 315 d/30th April 1878)
 Comm. Address }

The Harbour Pier having advanced to a point when drainage must be stopped from flowing into the Harbour or saturating the accumulated sand, the diversion of the outlet through the South Pier, should have been completed before this. Action should be taken at once in the matter by the Superintendent of the Madras Harbour Works who will also devise means of diverting

all flow of sewage from the
Harbour.

Early report will be
made as to what has already
been done and when what is
requisite will be accomplish-

ed.

W.H.
8.5.78

D. C. Presidency ✓
Supt. M. H. Works with plans
Chamber of Commerce ✓
Financial Dept. ✓
Dec 18-5-78

4535



Gobt. of (1878) Madras.
PUBLIC WORKS.

Date: *10/5/78*
To: *Mr. P. S. Sivasami*
From: *Mr. P. S. Sivasami*
Subject: *Public Works*

G. O. No. 8th May 1878. No. 2088/78

Mem.

Madras Harbour Works

The Sup^t of the —, to devise
means for diverting all flow
of sewage from the —, & calling
for early report of what will
be necessary to effect this.

Subd. Secy.