(1) பக்கங்களின் எண்ணிக்கை 20.

(2) புதுக்கித் திருப்பிய நாள் 10/90

(3) ஆதாரங்குறிப்பவர் கூருக்கொப்பம்

தமிழ்நாடு ஆவணக் காப்பகம்.

தமிழ்நாடு அரசு

பொது துறை

அரசாணை எண். மு. கோப்புத் தாள் எண். 2305	அச்சகம் பலவகை
நாள் : 13.12.1990	198 .

மடிக்கவோ கண்டபடி கையாளவோ கூடாது

ஆவண. கா-1—18,008—15-6-87.

3305
1

GOVERNMENT OF MADRAS.

PUBLIC WORKS DEPARTMENT.

Buildings and Roads.
Civil Works.

READ—the following papers :—

From W. P. AUSTIN, Esq., C.S., Chairman, Harbour Trust Board, to the Chief Secretary to Government, Marine Department, dated Madras, 24th November 1890, No. 666.

I have the honor to acknowledge the receipt of G.O., No. 3087, dated 19th instant, which was considered by the Trustees at their meeting on Friday last, and I submit herewith, for the information and orders of Government, copy of resolution passed thereon.

2. The Board notes that "so long as there is no rain the main drain can be kept closed and the nuisance complained of will not exist" (*vide* letter from the President, Madras Municipal Commission, No. 1040 P.W., printed with G.O., No. 2483 W., Public Works, dated 17th September 1890). It would therefore appear that all that has to be provided for is the effective discharge into the sea of storm-water overflow mixed with sewage, which at present together with leakage forms a stagnant and very offensive pool between the shutters of the drain and the sea.

3. It will be within the recollection of Government that a still greater nuisance existed, last year, on the sand to the south of the Harbour where the storm-water overflow mixed with sewage from the intercepting sewer formed a stagnant and very offensive deposit of many acres in extent; this nuisance has been entirely removed by the construction of an open intercepting channel, which carries the storm-water and sewage into the sea immediately to the south of the south arm of the Harbour.

4. The proposal put forward by the Board's Engineer, and approved by the Trustees, is to construct an open cemented drain to as near high water mark as possible; the door of the sewer can be kept closed by the Municipality at all times except when rain necessitates the sluice doors being opened, and the overflow would then be carried away without spreading over and percolating into the sand as at present.

5. A bar of sand must of necessity form across the mouth of this open drain, but this could be cut in a very short time whenever necessary, and should the open drain partially fill with sand it can be easily cleared, which would not be the case with a closed sewer running down to low water. Should such a closed sewer become choked great difficulty would be experienced in clearing it.

6. The Board would request that the attention of the Municipality be drawn to the necessity of keeping the doors of the drain properly closed and would submit that the cutting of the bar at the mouth of the open drain, should Government approve of such being constructed, would rest with the Municipality as in the case of the discharge of storm-water and sewage from the main drain immediately to the north of the Harbour. In the meantime pending the orders of Government the bar will be kept open by the Trust to prevent as far as possible any continuance of the nuisance during the prevalence of the present monsoon.

7. If Government approves of the suggestion for an open cement drain, the Board's Engineer will be directed to construct it as soon as possible; but should Government think any other plan better, the Board is prepared to carry out any design which they may be directed to adopt instead.

ENCLOSURE.

EXTRACT of Proceedings of the Trustees of the Harbour of Madras at a Meeting held at the Sea Custom Office on Friday the 21st day of November 1890.

* * * * *

2. Read letter from the Officer Commanding Wing 1st Battalion Duke of Cornwall's Light Infantry, calling attention to the nuisance caused by the main drain near Fort St. George, also Board's Engineer's letter No. 923½, dated 1st November 1890, reporting upon the above drain, and G O., No. 3087, dated 19th idem, directing that the seaward extension of the outfall sewer should be taken in hand at once.

Read minute by Major W. L. C. Baddeley, R.E.

Mr. Pogson was in attendance and explained his proposals to the Trustees.

Resolved— that the Board's Engineer be directed to extend the drain and that his proposals for so doing be adopted subject to the approval of Government. The Trustees note that "so long as there is no rain the main drain can be kept closed and the nuisance complained of will not exist;" and, as the present nuisance is partly attributable to the leakage of the shutters, would request that the attention of the Municipality be called to the necessity of keeping these shutters in proper order.

* * * * *

(True Extract.)

(Signed) C. PINSENT,
Secretary, Harbour Trust Board.

Transferred to the Public Works Department.

FORT ST. GEORGE,
2nd December 1890.

(Signed) J. F. PRICE,
Chief Secretary.

Note by the Chief Engineer, Public Works Department.

The undersigned considers that the proposal of the Harbour Trust Board to construct an open cement drain in continuation of the present drain is satisfactory, and recommends its adoption.

2. It may be supposed that an open drain would be the cause of nuisance, but in point of fact the extension will only carry sewage largely diluted, for a short period during heavy rain, and this will cause no nuisance at all. The present nuisance is caused by the stagnant deposit which remains after the rain has stopped and when the drain has ceased to discharge.

3. The undersigned agrees with the Chairman of the Board that an open drain will be less liable to obstruction and easier to clear when obstructed than a closed one.

(Signed) J. PENNYCUICK, Colonel, R.E.,
Chief Engineer, P.W.D.

ORDER—dated 13th December 1890, No. 3305 W., Public Works.

The Board's proposals are approved.

2. The attention of the Municipality will be drawn in the Local and Municipal Department to para. 6 of the Chairman's letter.

(True Extract.)

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

To the Chairman, Madras Harbour Trust Board.
" Local and Municipal Department.
" Military Department.
" Marine Department.

Exd. J. Moses.

Spare Copies

3305/2

BUILDINGS AND ROADS.
CIVIL WORKS.

Govt. of {1890} Madras.

PUBLIC WORKS.

Dated December, 13th.

Recd. *Encl.*

G.O., 13th Dec. 1890, No. 3305 W.

DECEMBER.

Municipal Drain outside Fort St. George

The proposal of the Harbour Trust Board to construct an open cement drain in continuation of the present —, approved with remarks.

1

Harbour Trust Board Office.

MADRAS 24th November 1890.

No. 666

3305/3

From

Ware austen Esquire C.S.,

Chairman, Harbour Trust Board,

MADRAS.

To

The Honorable J. F. Price C.S.

Chief Secretary to Government,

Marine Department.

Sir,

I have the honor to acknowledge the receipt of G.O. No 3087 dated 19th instant, which was considered by the Trustees at their meeting on Friday last and I submit herewith for the information and orders of Government copy of resolution passed thereon.

2. The Board notes that "So long "as there is no rain the main "drain can be kept closed and the "nuisance complained of will not "exist" (Vide letter from the President, Madras Municipal commission

&c

No 1040 P.W., printed with G.O. No 2463 H, Public Works, dated 17th September 1890). It would therefore appear that all that has to be provided for, is the effective discharge into the Sea of Storm water overflow mixed with Sewage, which at present together with leakage forms a Stagnant and very offensive pool between the Shutters of the drain and the sea.

3. It will be within the recollection of Government that a Still greater nuisance existed, last year, on the Sand to the South of the Harbour where the Storm water overflow mixed with Sewage from the intercepting Sewer formed a stagnant and very offensive deposit of many acres in extent: this nuisance has been entirely removed by the construction of an open intercepting Channel, which carries the Storm waters and Sewage into the Sea immediately to the South of the South arm of the Harbour.

4. The proposal put forward by the Board's Engineer, and approved by the Trustees, is to construct an open

open Cemented drain to as near high water mark as possible: the door of the Sewer can be kept closed by the Municipality at all times except when rain necessitates the Sluice doors being opened and the overflow would then be carried away without Spreading over and percolating into the Sand as at present.

5. A bar of Sand must of necessity form across the mouth of this open drain, but this could be cut in a very short time whenever necessary, and Should the open drain partially fill with Sand it can be easily cleared, which would not be the case with a Closed Sewer running down to low water. Should such a closed Sewer become choked great difficulty would be experienced in clearing it.

6. The Board would request that the attention of the Municipality be drawn to the necessity of keeping the doors of the drain properly closed and would Submit that the cutting of the bar at the mouth of the open drain,

Should

3305/1/5

Should Government approve of such being constructed, would rest with the Municipality as in the case of the discharge of Storm water and Sewage from the 24 main drain ~ immediately to the north of the ~ Harbour. In the meantime pending the orders of Government the Bar will be kept open by the Trust to prevent as far as possible any continuance of the nuisance during the prevalence of the present monsoon.

7. If Government approves of the Suggestions for an open cement drain the Board's Engineer will be directed to construct it as soon as possible, but Should Government think any other plan better the Board is prepared to carry out any design which they may be directed to adopt instead.

I have the honor to be
Sir
Your obd? Servant

Chairman
Harbour Trust Board

Cus 1082

Pol Cole 11545

MARINE DEPARTMENT.

FROM

THE CHAIRMAN,
HARBOUR TRUST BOARD,
MADRAS.

To

THE CHIEF SECRETARY TO GOVERNMENT,
Marine Department.

UNDER SECRETARY
25 NOV 90
PUBLIC WORKS DEPT

Dated 24 } November 1890.
Received }

ENCLOSURE 1.

No. 666

SUBJECT.

Submitting for the information and orders of Government copy of the Board's resolutions regarding the drain at the North East corner of Fort Saint George.

Transferred

Printed by G. W. TAYLOR, Lawrence Asylum Press, M

Pol Cole 1097/90 ✓

2nd Dec 1890
Transferred to the
Public Works Dept
by direction
Chief Secretary

PWD.
28/XI.

No 3087 w dy 19. XI. 90 Orig.
" 1083 w dy 17. 9-90 "
" 4136 Cy 11-10-90
" 2208 Cy 17-5-90
" 856 w dy 15-3-90 Orig.
" 586 C dy 4-2-90
" 3304 w dy 20. 11. 83 Orig
" 254 w dy 6. 8-83
" 403 Wks dy 15-6-82

Exd 13/12

EXTRACT of Proceedings of the TRUSTEES OF THE HARBOUR OF MADRAS, at a Meeting held at the Sea customs Offices of the Board on Friday the 21st day of November 1890.

3305/b

× × ×

2. Read letter from the officer commanding Wing 1st Battalion Duke Connaught's L. I. calling attention to the nuisance caused by the main drain near Fort Saint George, also Board's Engr letter No. 923½ dated 15th November 1890, reporting upon the above drain, and G.O. No. 3087 dated 19th idem, directing that the Seaward extension of the outfall Sewer should be taken in hand at once.

Read minute by Major W. L. Baddeley R.E.

Mr. Pogson was in attendance and explained his proposals to the Trustees.

Resolved,—That the Board's Engr be directed to extend the drain and that his proposals for so doing be adopted subject to the approval of Government. The Trustees note that "So long as there is no rain the main drain can be kept closed and the nuisance

nuisance complained of will not exist;
2nd, as the present nuisance is partly
attributable to the leakage of the Shutters
would request that the attention of the
Municipality be called to the necessity
keeping these Shutters in proper order.

× ×

True Extract

HARBOUR TRUST ACCTS
24 NOV. 90
MADRAS

C Pritchett

Cur 115 of 90

Letter J E 12. H 1167

3303/1

The undersigned considers that
the proposal of the
Harbour Trust Board
to construct a four
cement drain in continuation
of the present drain
which is quite faulty, and
recommends its acceptance.
It is to be supposed
that as the drain
would be the same
nuisance, but in front
of the offices and
not as now causing
loss of custom, the
present nuisance would
still remain unless
the proposed drain
were also stopped
up. The drain
is obviously

drain has ceased to
discharge.

H.

The undersigned agrees with the Chairman of the Board that the drain will be laid with the best materials and carried to such extent as may be found necessary.

S.

L.O.

The Board's proposals are approved.

The attention of the Municipality will be drawn to the L.2 Ins. drain in the L.2 Ins. & Ins 6 of the Chairman's letter.

S.

3305/8

3305/8

P.W. Department

Note by the Chief Engineer, Public Works Department dated

The undersigned considers that the proposal of the Harbour Trust Board to construct an open cement drain in continuation of the present drain is satisfactory, and recommends its adoption.

2. It may be supposed that an open drain would be the cause of nuisance but in point of fact the extension will only carry sewage largely diluted, for a short period during heavy rain, and this will cause no nuisance at all. The present nuisance is caused by the stagnant deposit which remains after the rain has stopped and when the drain has ceased to discharge.

The

23. The undersigned agrees with the Chairman of the Board that an open drain will be less liable to obstruction and easier to clear when obstructed than a closed one.

D

Encl.

No. 3305 W dy 13th Decr 1890. Pl. 77

3305/9

Civil Works

PUBLIC WORKS DEPARTMENT.

PROCEEDINGS OF THE MADRAS GOVERNMENT.

READ the following

From the Chairman, Madras Harbour Trust Board } M. Lr. No. 666 dy 24 Novr. '90.

Endorsement by the Marine Dept. — dy 2d Decr. '90

Note by the Chief Engineer P.W.D. — dy Decr. '90

The Board's proposals are approved.

2. The attention of the Municipality will be drawn in the Local and Municipal dept. to para 6 of the Chairman's letter.

(The Hon'ble the Chief Secy: for favor of countersignature)

To

The Chairman, M. H. T. Board
L & M Department
Military Department
Marine Department

30/12/90

3305
10

40DEC30

11545.

9-11-15 13 II ✓

Govt. of 18 Madras.

PUBLIC WORKS.

Dated

Rcvd. Encl.

G.O. 13th Dec. 90 No. 33054.

Municipal Drain
outside Fort St George

The proposal of the
Harbour Trust Board
to construct an
open cement drain
in continuation of
the present —
approved with Encls

19/12.

13/12