

(1) Number of pages 20 Pages
(2) Date of repair 10-8-76
(3) Initials of the Referencer (CWA)

TAMIL NADU ARCHIVES

GOVERNMENT OF TAMIL NADU
DEPARTMENT

G.O. No.	16/2/76	Press.
B.P. No.		Mis.
Dated	30-8-76	197.

M.S.P.
CWA

Not to be folded or roughly handled

1612
1
GOVERNMENT OF MADRAS.

PUBLIC WORKS DEPARTMENT.

30th March 1878, No. 1,612 B W.

Buildings and Roads.

Civil Works.

Read the following paper:—

No. 432. From Colonel P. O'CONNELL, R.E., Superintending Engineer, Chingleput, to the Chief Engineer, Public Works Department, dated Camp, Ennore, 19th March 1878, No. 1,141.

I HAVE the honor to acknowledge the receipt of your memorandum, No. 1,339, dated 15th March 1878, in the first paragraph of which you call for a report as to the authority under which the groyne is being constructed at Ennore, the funds from which it is being constructed, to whom the plan and estimate were submitted, by whom sanctioned, &c.

2. In reply to these questions I have the honor to submit a copy of the correspondence on the subject between the Deputy Collector in charge of Salt, the Collector, myself, and Lieutenant Wiffen, lately in charge of Range No. 1.

3. As Lieutenant Wiffen left for England shortly after this correspondence commenced and after he had submitted a rough sketch of the kind of groyne he proposed, I considered it my duty to superintend the construction of the groyne as an emergent work necessary to prevent if possible the loss of revenue which the Deputy Collector writes of as a calamity, for the prevention of which he urges the construction of a groyne *at once*.

4. I had received no estimate when I arrived here, and that which I now forward can only be considered as approximate, much depending upon the weather. The design of the groyne is simple. It consists merely of two rows of casuarina piles, driven into the sand and supported by sand bags to be placed between the two rows of piles, and, where necessary, behind the northern row. As far as I can see, its effect has been good, but it must be aided by cuttings through sand banks now being excavated. A fuller report will be submitted when the experiment is finished.

5. I have the honor to request the sanction of Government to my proceedings, undertaken because the matter was represented to me and believed by me to be emergent.

6. I have the honor to thank you for the information afforded in the latter part of your memorandum. It agrees with what I learnt some 22 years ago when constructing a groyne on the north beach opposite Messrs. Arbuthnot and Company's Office under the orders of Sir Arthur (then Colonel) Cotton.

The honor to refer you

No. 433. ORDER THEREON, 30th March 1878, No. 1,612 B W.

The estimate of Rupees 2,600, for constructing a groyne and cutting the bar at Ennore, is sanctioned. There are no funds under Imperial Salt for appropriation to the work in the current official year, but the Superintending Engineer will apply for the necessary funds in his Statement of Demands against the Reserve* of 1878-79 to be submitted in April next.

* Imperial Salt.

2. The Superintending Engineer's proceedings as reported in this letter are approved, and further report of the effect produced by the work is awaited in due course.

3. This sanction has been registered as Imperial No. 121 B of 1877-78.

(True Extract.)

To the Superintending Engineer, Chingleput.
" Examiner of Public Works Accounts.
" Revenue Department.

1612
2

the honor to refer you



BUILDINGS AND ROADS.
CIVIL WORKS.

Cont. of (1878) Orders.

PUBLIC WORKS.

To

THE SUPERINTENDING ENGINEER,
CHINGLEPUT,
&c., &c., &c.

Dated March 30th.

Level

Recd.

Encl.

10, 0., 30th March 1878, No. 1,012 B W.

MARCH

Nos. 432-433.

From Plan—Section with ...
estimate for constructing a ...
cutting the —.

Sir,

^{16/12/78}
I came up this morning to see
you concerning the Groynes & the place
at Eunore. I have the Plan and should
feel much obliged if you will inform
me if it is correct.

I go on to Eunore to day & to
manage the work as the Bar is
closing.

Yours obediently
Signed J. E. Giffen

No. 719

Chingleput Supr Engineer
Saintho's Mount 1878

The Supr Engineer, Chingleput
To The Assistant Engineer, Saintho's

Sir,

In returning the Plan of the
re and proposed Groyne - which
received your note of this date
- the honor to inform you

and piles should be driven deeper than shown in Plan, and that driving down be continued daily, as the sand at the head of the grove will probably be washed away by the current round the last pile driven in. After this has been driven in until it obtains a firm hold on the sand, a pile of bags should be thrown on the head of the sack round the end of the grove.

I have &c

Signed P. O'Connell Col R.E.
Sup Engineer, Chingleput.

1893. Chingleput Sup Engr
Saint John's Mount, Chingleput.

From
The Sup Engineer Chingleput
The Collector, Chingleput &c

In reference to your letter of
January 6, 1893, I have the hon
our to say that measures

ment for carrying on
work for keeping the Ennore Bn.,
and the construction of the grove
suggested by the Salt Dy Collector
has doubtless by this time been com-
menced by the Range Officer who
will however be again this day ad-
dressed on the subject.

I have &c

Signed P. O'Connell Col R.E.
Sup Engineer Chingleput

(True copy)

P. O'Connell Colonel R.E.
Sup Engineer, Chingleput

No 152.

Chingdeput Dieth Salt
Dy Collector's Office
Camp Puludina 19th Dec/72

From

E. G. Ricketts Esqre.

Dy Collector in charge of salt

Chingdeput

To

R. M. Barlow Esqre.

Collector of the

Chingdeput District.

Sir,

I have the honor to report that during my late halt at Eunore (where I was engaged in paying away Laccawi Advances to the Salt Ryots) I could not help observing on my several inspections of the Bar, in the course of a week and upwards, what appeared to me to be a silting process that was gradually going on, on its inner or lake side, and it also struck me that, what looked very like a shoal was in course of formation in front of its mouth, thus threatening to close it altogether.

2. I need scarcely remark what a calamity the early closing of the Eunore Bar would prove to our salt manufacturing operations in the

the Northern Divisions, upon which the salt supply and Revenue of this District is mainly dependent, and these hints are thrown out in the hope that the Department, whose duty it is to superintend the bar work may take early steps to prevent such a disaster.

3. In my humble opinion a grogue thrown out now (at once) would have a very marked effect, as this is the critical juncture or time when the North-East Monsoon (or regular trade wind) reaches the Coast.

4. The Salt Superintendent of Talhar, who resides at Chitank, in the vicinity of the Eunose Bar, has been directed to report on this subject to this office from time to time, and to afford every assistance in the matter of keeping the Bar open.

I have &c
Signed G. F. Ricketts
Collector

(True copy)

Forwarded to the Superintendent, Talhar, for his consideration.

will issue such orders as he may consider necessary for keeping the Eunose Bar remaining open.

On Circuit Koromandel,
26th February 1878

Signed R. W. Barlow
Collector

B 892

True copy - communicated to J. E. Paul Esqre Assistant Engineer, Talhar Range with request that the construction of the Groyne approved of in this office by 719 of 18th February 1878 may be proceeded with without delay and when the work has been completed that a report of the same be made to this office with information as to its effect on the bar. Any work that may be necessary to keep the bar open meanwhile should be carried out.

Chief Eng. Sup. Engineer's Office / Signed P. O'Connell Coll. Talhar
Saint John's Mount 1st Mar 78 / Sup. Engineer Chief Eng. (True copy)

P. O'Connell Colonel O'Connell
Sup. Engineer, Chingleput

No. 1141

Chinglaput Superintending Engineer's Office,
Camp Lemoore,
Saint Thomas Island, 19th March 1878.

From

THE SUPERINTENDING ENGINEER.

Chinglaput.

To

The Chief Engineer
Public Works Department.

Enclosures
SIR.

- 1 Estimate
- 2 Copies of Cor-
-respondence
between the Dy.
Collector in charge
of Salt, the Col-
-lector, Super-
Engineer and
Mr. Griffiths.

I have the honor to acknowledge the receipt of your Memo No 1339 dated 15th March 1878 in the first para of which you call for a report as to the authority under which the grove is being constructed at Lemoore, the ground from which it is being constructed, & from whom the plan and estimate were submitted, by whom sanctioned &c.

2. In reply to these questions I have the honor to submit a copy of the correspondence on the subject between the Dy Collector in charge of Salt, the Collector, myself and Mr Griffiths lately in charge of Range No 1.

3. As Mr Griffiths left for England shortly after this correspondence com-

measured

menaced and after he had submitted a rough sketch of the kind of groynes he proposed I considered it my duty to superintend the construction of the groynes as an urgent work necessary to prevent if possible the loss of Revenue which the Deputy Collector writes of as a calamity for the prevention of which he urges the construction of a groyne at once.

4. I had received no estimate when I arrived here, and that which I now forward can only be considered as approximate much depending upon the weather. The design of the groyne is simple. It consists merely of two rows of Casuarina piles, driven into the sand and supported by sand bags to be placed between the two rows of piles, and, where necessary, behind the northern row. As far as I can see, its effect, has been good, but it must be aided by cuttings through sand banks now being excavated. A fuller report will be submitted when the experiment

is finished.

5. I have the honor to request the sanction of Government to my proceedings undertaken because the matter was represented to me and believed by me to be urgent.

6. I have the honor to thank you for the information afforded in the latter part of your Memo. It agrees with what I learnt some 22 years ago when constructing a groyne on the North Beach opposite Messrs. Robertson and Co's office under the orders of Sir Arthur (then Colonel) Cotton.

I have the honor to be
Sir

Your most obedient servant

P. H. Ansell Colonel R.E.
Supt. Engineer, Chingleput.

From the Sup^y Engineer
Chingleput Dt.

No 1141

Dated 19th } March 1878
Rec^d }

No. of Cue: 3.

Groynes at Emore
— Submits copy of
correspondence between
the Dy. Collector in charge
of Salt, the Collector,
himself and Lieut.
Wiffen on the subject
of Constructing.

1312 B. W. 1312
Public Works Department

PROCEEDINGS OF THE MADRAS GOVERNMENT

Under date the 30th March 1878

Read the following:—

From the Sup^y Engr Chingleput (No. 1141 dated 19th March 1878).

The estimate of
Rs. 2,600 for constructing
a groyne and cutting the
bar at Emore is sanc-
tioned. There are no funds
under Imperial Salt for
appropriation to the work
in the current official year,
but the Superintending
Engineer will apply for the
necessary funds in his
statement of demands
against the Reserve of
1878-79 to be submitted
in April next.

2. The Superintending
Engineer's proceedings
as

ES

Imperial Salt.

as reported in this
letter are approved.

107 1037

3. This sanction has been
registered as Sanction No. 121
Ref 107-78.

Sanction 2 for 1/2
to 1/2 of the total
work is awarded in
discharge of

The work is done
apt. in 1/2 of the
work done in 1/2 of the
work done in 1/2 of the
work done in 1/2 of the
work done in 1/2 of the

107 1037

Supy. Insp. Ching Chuan
Commissioner P. H. H. H.
Revenue Dept. 1

107-78

Co 3575



Publ. of 1878
PUBLIC WORKS.

To
J. E. Ching ^{5-10 Mr}

Dated

Issued

Recd. G. O., 30 luas 1878, No. 1612 B.

HCS.

Barab Jernore

Jernore Bar

Sanctions with remarks
estimate for constructing
a groyne and cutting
the —

Subd. in Rep.