

(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.	139	(w)	Press
B.P. No.			Mis.
Dated	20-1-		1876.

Not to be folded or roughly handled

*Proceedings of the Madras Government, Public Works Department,
20th January 1876.*

No. 272. Read the following letter from T. D. HARRIS, Esq., Officiating District Engineer, Malabar, to Major-General G. W. WALKER, R.E., Secretary to Government, Public Works Department, dated Calicut, 14th January 1876, No. 158:—

I HAVE the honor to inform you that during the full spring tides of November last at Cochin the waves raced over the strip of beach between the Cruz Milagre lagoon and the sea, filling the lagoon very much, the water rose to the highest standard on record; no damage occurred, only the surplus water had as usual to be drained through the stone dam, and the channel leading from the dam is in pure soft sand, though there is not much scour still the sand is so fine a good deal passes through the stones into the back-water, and as this channel will have to do duty for a considerable time while the lagoon is silting in, it will be perhaps advisable to pave and line its sides with stone, so as to keep the water from getting at and scouring out the sand. Much sand has been brought into the lagoon by the sea water, and more heaped on the strip of beach between it and the sea, which goes on steadily increasing. Having been informed that erosion was taking place between the groynes immediately south of the light-house on the Cochin side, I proceeded there to examine and ascertain if such was the case, and after taking measurements I found that no encroachment has occurred. There was a high tide and no move. On the south as well as on the north I found the works in a satisfactory state of preservation; the drainage of the surplus water from time to time from the lagoon only needs attention.

No. 273. ORDER THEREON, 20th January 1876, No. 139.

CIVIL WORKS, No. 17.

RECORDED. It does not appear necessary that anything should be done, but watch the action of all high tides and floods. That of the November spring tides has evidently been beneficial on the whole.

(True Extract.)

(Signed) G. W. WALKER, Major-General, R.E.,
Secretary to Government.

To the District Engineer, Malabar.

u. Mainw. Dept.

Exd. S. T. Austin.
Spare Copies

No 158

Malabar Distt. Engg's Office 3
Calicut 14 January 1876

From The Offg District Engineer
Malabar

To The Secretary to Government,
P. W. Department
Madras

Sir

I have the honor to inform you that during the full spring tides of November last at Bechin the waves raced over the strip of beach between the Cruz Milagre lagoon and the sea filling the lagoon very much, the water rose to the highest standard on record. no damage occurred, only the surplus water (had as usual to be drained through the stone dam and the channel leading from the dam is in fine soft sand, though there is not much scour still the sand is so fine a good deal passes through the stones into the back-water, and as this channel will have to do duty for a considerable time while the lagoon is silting in, it will be perhaps advisable to face and line its sides with stone so as to keep the water from getting at and scouring out the sand. much sand has been brought into the lagoon by the sea water and more heaped on the strip of beach between it and the sea which goes on steadily increasing, Having been informed that erosion was taking place

place between the groynes immediately south of the light-house on the Cochin side, I proceeded there to examine and ascertain if such was the case and after taking measurements I found that no encroachment has occurred - there was a high tide and no more. on the south as well as on the north I found the works in a satisfactory state of preservation, the drainage of the surplus water from time to time from the lagoon only needs attention.

I have the honor to be
Sir,

Your most obedt. servant

J. Harris

Offg. District Engineer,
Malabar

323
 CONL. OF 1876 23100

PUBLIC WORKS.

To W. B. McCalister:

Date
 Issued
 Recd.
 Encl.

G. O. 20 Jan. 1876, No. 32

Nov. 27-23

Chas. Philander Sam-
 Philander Drift
 Report of the 1st Regt
 on the State of the
 Recorded with Encl.

W. B. McCalister

to the Secretary of the
 No. 323

McCalister

Recd. 17 January 1876

2/12/58.

Deposits on the State
 to the very privilege
 have and other work
 in broken.

W. B. McCalister

No. 139

Records. It does not appear necessary
 that anything should be done but rather
 the action of all high hills and plains
 that of the Recorder showing hills has
 to July 8. Evidently been heretofore on the whole.

W. B. McCalister
 1876-1-26