

(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.	1004	Press
B.P. No.		Mis.
2-13		
Dated	1-4-	1873.

Not to be folded or roughly handled

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*Proceedings of the Madras Government, Public Works Department,
1st April 1873.*

No. 12. Read the following endorsement of the District Engineer, Chingleput, dated Guindy, 21st February 1873, No. 483 :—

From the Executive Engineer, No. 4, or East Coast Canal Range, Chingleput District, to the District Engineer of Chingleput, dated Camp at Red Hills, 6th February 1873, No. 747.

I HAVE again to report the occurrence of a very heavy fresh in the Cortilliar and, as a consequence, of injuries caused by it in the upper channel and river embankments already injured to a lamentable extent by the extraordinary freshes of the 23rd and 28th and 29th November last. Heavy rain fell on the night of Sunday, the 2nd instant, and the river began to rise on the following night, and on

At 6 A. M.	...	6-00
" 9 do.	...	9-00
" 1 P. M.	...	11-50
" 3 do.	...	13-75
" 6 do.	...	15-25
" 11 do.	...	16-00

Tuesday, the 4th instant, the water gauge on the head sluice cill read as per margin. It began to subside when 16 feet were reached, and had dropped to 14.85 at 6 A. M. yesterday (the 5th). It will be observed that the fresh at its

highest was $1\frac{1}{2}$ feet higher than that then esteemed an extraordinary one, of the 21st October 1870, which caused a great deal of injury, and but 3 and 2 feet lower than those of the 23rd and 28th and 29th November respectively. When the weather and the state of the bank and the country will permit of a proper survey being made the reason for this excessive rise (for there must, I imagine, be a reason apart from the natural freshes of the river) will be thoroughly gone into and reported upon. The repairs rendered necessary by the floods of November last had been estimated for to a great extent, and were on the eve of commencement in compliance with verbal instructions given to me on his visit to the work on the 21st ultimo by the Chief Engineer for Irrigation, but fortunately they had not been actually commenced, as all the work which might have been done would have had to be done over again.

Copy forwarded to the Chief Engineer for Irrigation for information.

(Signed) F. J. MOBERLY, Colonel, R.E.,
District Engineer, Chingleput.

No. 13. ORDER THEREON, 1st April 1873, No. 1,004.

IRRIGATION, No. 2.

ORDERED to be recorded.

(True Extract.)

(Signed) J. MULLINS, Lieut.-Colonel, R.E.,
Joint Secretary to Government.

Exd. S. T. Austin.

N^o 747

N^o 4 Range Office
Camp Red Hills 6th Nov 1877

From

Mr. S. Gardington Esquire
Executive Engineer N^o 1 or 6 Canal
Chingleput District

To

Colonel F. J. Molierly R. E.
District Engineer of Chingleput

Sir,

I have again to report the occurrence of a very heavy fresh in the Kortallur and as a consequence of injuries caused by it in the upper channel and river embankments already injured to a lamentable extent by the extraordinary freshes of the 23rd and 28th and 29th November last. Heavy rain fell on the night of Sunday the 2nd instant and the river began to rise on the following night and on Tuesday the 4th instant the water gauge on the Head

At 6 a.m.	6.00	It began to subside when sixteen feet were reached and had dropped to 14.85 at 6 a.m. yesterday (the 5 th) It will be observed that the fresh at its highest was 1 1/2 feet higher than that
9 "	9.00	
1 P.M.	11.30	
3 do	13.75	
6 do	15.25	
11 do	16.00	

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deal of injury, and left three and two feet
lower than those of the 23rd and 28th and
29th November respectively. When the weather
and the state of the bank and the country
will permit of a proper survey being made
the reason for this excessive rise (for there must
be a reason, apart from the natural
freshes of the river) will be thoroughly gone
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necessary by the floods of November last
had been estimated for to a great extent
and were on the eve of commencement in
compliance with verbal instructions
given to me on his visit to the work on
the 21st ultimo by the Chief Engineer
for Irrigation but fortunately they
had not been actually commenced
as all the work which might have
been done would have had to be done
over again.

I have &c
/ Signed / M. S. Harrington
Executive Engineer
Copy

No. 483.

Copy forwarded to the Chief
Engineer for Irrigation for information.

Col. McC
District Eng. Chief

Chief D. Eng. Office
January 21 - Feb 4 - 1873

To the Chief Engineer
for Irrigation
Fort Smith Grove

En

Mr. Wm. B. Wood

at

Nov. 1841.

The District Engineer

of the

Chief Engineer

for Louisiana

Dated 21st

Dec. 1843

Recd 11th Nov. 1843.

Stonewall's Copy

of letter from the Engr.

of the District Engineer

to the Chief Engineer

of the District Engineer

to certify works by the

heavy freights which

came down this

of Cottrell's

Not an order

to be

10/2/73

Order to be received

100th

11-12-13.

Am. Mach. Co. 1841

Cp 611
Sect. of 1873, 1874

PUBLIC WORKS.

To

Dated

By

Encl.

G. O. 1 April 1874.

Nos. 12 & 13

Drainage Works.

Repair of the injuries
caused to certain
works by freshes
in the York River,
Virginia.