

(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.	4039	Press
		~~Mis.~~
455-58		
Dated	21-12-	1866.

Not to be folded or roughly handled

10/3/43

*Proceedings of the Madras Government, Public Works Department,
21st December 1866.*

Read the following papers:—

No. 455. Endorsement of the Superintending Engineer, 4th Division, dated Madras, 10th December 1866, No. 3,571.

From the Executive Agent, Mount Range, to the Superintending Engineer, 4th Division, dated Poonamallee, 6th December 1866, No. 872.

1. I have the honor to inform you that I have this day inspected the Chembrambaukum tank which has now a depth of water of one foot four inches over the twelve-months' stone, and one foot three inches over the north flush calingulah.

2. The large calingulah has two and a half feet water passing over it, and from what I can learn it commenced to flood at 6 A. M. on the 5th, and the water rose two and a half feet in twelve hours. With the exception of leakages through the shutters of the large, and Poonamallee sluices, everything else appears in perfect order, and nothing to be feared as to the stability of the bund.

3. I have ordered the head sluice to be closed, and vents of anicut to be opened.

4. The only complaints or accidents brought to my notice were breaches in Poroor tank and Piddacalcoopum tangle, which are now undergoing repair.

5. My report on the other tanks in this vicinity will reach you in two or three days.

—

Submitted to Government for information, more especially with reference to paragraph 4.

(Signed) A. J. M. BOILEAU, Colonel, R. E.,
Superintending Engineer, 4th Division.

No. 456. Endorsement of the Superintending Engineer, 4th Division, dated Madras, 10th December 1866, No. 3,568.

From the Acting Sub-Engineer in charge No. 3 Range, Madras District, to the Superintending Engineer, 4th Division, dated Kadapary, 8th December 1866, No. 261.

1. I regret to report that the "Kamba Kal" has again breached in two places in the 13th and 21st miles. In the upper breach a sluice has been carried away. As every tank, both under the "Kamba Kal," and throughout the Range, is quite full and not in a position to stand out under further pressure, and as more rain is expected, I have asked Mr. Booth to shut off the supply to the channel in question. The Sreepermatur and Chembrambaukum tanks are surplusing largely; so that at the present, under the above circumstances, the "Kamba Kal" supply from the Palar needs be stopped, without regard to the question of breaches even: and trust the above arrangement will meet your approval.

2. Of tanks under the "Kamba Kal," I have received but one report up to the present time, of one of the number thereof having breached: this accident has not resulted from overfeed from channel directly or indirectly, but from the heavy rain-fall: the supply of the tank

*Proceedings of the Madras Government, Public Works Department,
21st December 1866.*

has quite escaped, but I will endeavour to re-place it, if possible, as soon as the breach is closed, from the "Kamba Kal" drainage. I have made arrangements for closing both the above tank breach, as also the channel breaches.

3. The "Kamba Kal" was drawing only two and three-quarter feet of water when the breaches occurred: the experiences of the last two freshes, small as they were, have shown, beyond doubt, that the channel bed, between the 12th and 23rd miles, consists of a series of hollows, in which the freshes accumulate and pack up, and notwithstanding that on the last occasion the Molasoor dam was not in the way, the fresh made very little forward progress below the dam, indicating thereby that the hollows are much below the present level also of the dam (one foot above bed). I will be in a position very soon to place before you the actual condition of channel, which the levels will establish, and from which remedial measures can be deduced.

Submitted to Government for information.

(Signed) A. J. M. BOILEAU, Colonel, R. E.,
Superintending Engineer, 4th Division.

No. 457. Endorsement of the Superintending Engineer, 4th Division, dated Madras, 10th December 1866, No. 3,569.

From the Acting Sub-Engineer in charge No. 3 Range, Madras District, to the Superintending Engineer, 4th Division, dated Kadapary, 8th December 1866, No. 262.

1. I beg to report that the late heavy rains have caused a deal of damage to the Public Works throughout the Range. I am not in a position, just yet, to detail exactly individual cases, but I trust the present will suffice, till such time as I will be enabled to collect full information, which will be duly communicated. I have already reported the "Kamba Kal" breaches. A few reports only have as yet officially reached of damage to "Irrigation works," other than the above; but from general information I have gathered that the damage, both in the Conjeveram and Chingleput Taluqs, is very extensive. In the case of roads, both Trunk lines have somewhat suffered in those localities particularly where drainage had to pass through; nothing serious, however, has as yet been intimated: the Avady road has slightly suffered: of the quarry roads, among the regularly laid ones, that from Poonamallee to Kunnatur, was to some extent submerged, and the wash over displaced the metaling partially, and damaged some of the tunnels: McLean's Choultry road, and Sunkawar Choultry to Wallajahbad road, are quite impassable, not so much from damage, as from the soakage of the bad soil; sanding has been ordered on the former: Arconum road has been seriously damaged; two road dams have been swept away, causing deep gullies, and near the Pulloor Tramway Station, a large breach has occurred, caused, the Maistry in charge reports, by the Tramway people endeavouring to relieve the pressure of the floods on their very novel bridge in the "Old Palar" bed, by diverting the stream through an adjoining culvert; this circumstance will be fully enquired into and communicated; arrangements have been ordered for the immediate repair of the above damages on

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*Proceedings of the Madras Government, Public Works Department,
21st December 1866.*

this line: the Sadras road has again been gutted in places. I am just now on a tour of thorough inspection, and will report as I proceed.

Submitted to Government for information.

(Signed) A. J. M. BOILEAU, Colonel, R. E.,
Superintending Engineer, 4th Division.

No. 458. ORDER THEREON, 21st December 1866, No. 4,039.

CIVIL WORKS, No. 88.

Ordered to be recorded.

(True Extract.)

(Signed) CHARLES A. ORR, Colonel, R. E.,
Secretary to Government.

To the Superintending Engineer, 4th Division.
" Controller of Public Works Accounts.

Exd. T. O'Connor.

No 872.

Panamallee

7

7th Dec 1866
Hon. Genl. J. J. G. G.
The Supy. Engr. & D. O.
Is.

The Secretary to Govt.
P. W. D.

Dated 13th Dec. 1866.
Recd 16th
No 3571

Submitting for information
a letter from the
Executive Agent Mount
Vernon reporting upon the
Chinbramban River &
Pulver Sank & Pedda
Calvopuram Sank & the
2 latter having breached
& undergoing repair.

No 455-

c. 14th Dec 1866 D. 18th

c. 14039-21st Dec 1866

No 872. Panamallee
6th Dec 66

From Lieut Mount Rouse
To Lieut Esquivel & Dr
Sir,

I have the honor to inform
you that I have this day in-
spected the Ombraumbankam
Tank which has now a depth
of water of 1" 4 over the twelve
stone, and 1" 3 over the North
flush Calingulak.

2. The Large Calingulak has 2 1/2 ft
water passing over it, & from what
I can learn it commenced to
flood at 6 am. on the 5th and the
water rose the 2 1/2 ft in 12 hours.

With the exception of leakage through
the shutters of the large, & Panamallee
sluices, everything else appears in
perfect order, & nothing to be feared
as to the stability of the Bund.

3. I have ordered the Head sluice
to be closed, & vents of annuit
to be opened.

Yr

The only Complaints or ac-
cidents brought to my
notice, were Breaches in
Poroor Tank and Pidda-
calcorum Temple which are
now undergoing repair.

My report on the other
Tanks in this vicinity
will reach you in ^{2 or 3} days.

I have the honor to be
Sir,

Yours most Obedt Servt.

J. H. Crowley

Ex Agent Govt. Ry.

N^o 3591.

Submitted to Government for
information, more especially
with reference to Para. 4.

Sup^r Engr^s Office Madras
10 Dec 1866

A. B. Orlean (Colonel R.E.)
Sup Engr. G. S.

No. 261.

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3 Range Office. Madras District
Madapary. 8 December 1866

From.

The Ag. Sub. Engr. in ch. 3 Range
Madras District

To.

The Superintending Engineer
4 Division

Sir. I regret to report that the "Kamba Kal"
has again breached in two places, on the
15th and 21st Miles. - In the upper breach, a
shut has been carried away. - As every
Tank, both under the "Kamba Kal", and
throughout the Range, is quite full and
not in a position to stand out under
further pressure, and as more rain is
expected, I have asked Mr. Booth to shut
off the supply to the channel in ques-
tion. - The Sreepermatu and Sembram
Tanks, are overflowing largely,
so that at the present, under the above
circumstances, the "Kamba Kal" supply
from the Palar, needs be stopped, without
regard to the question of breaches seen.
and trust the above arrangement will
meet your approval. -

2. Of Tanks under the "Kamba Kal",
I have received but one report up to
the present time, of one of the mounds
thereof, having breached.
Piddapet Mound on the right bank of the Kal.
This accident has
not resulted from overfeed from chan-
nel directly or indirectly, but from the

heavy rainfall. The supply of the Tank has quite escaped, but I will endeavour to replace it, if possible, as soon as the breach is closed, from the "Kamba Kal" drainage. I have made arrangements for closing, both the above Tank breach, as also the channel breaches.

3. The "Kamba Kal" was drawing only $2\frac{3}{4}$ feet of water, when the breaches occurred. The experiences of the last two freshes, small as they were, have shown beyond doubt, that the channel bed, between the 12th and 23rd miles, consists of a series of hollows, in which the freshes accumulate and pack up, and notwithstanding that on the last occasion, the Molasoor Dam, was not in the way, the fresh made very little forward progress, below the Dam, indicating thereby, that the hollows are much below the present level of the Dam (one foot above bed). I will be in a position very soon to place before you, the actual condition of channel, which the levels will establish, and from which remedial measures can be deduced.

I have the honor to be
Sir

Yours most obed^t. Servant

W. B. M. A. M.

Asst. Secy. to Govt. of Madras

P. H. 5845/18

No 265

1745-

submerged, and the waste area

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From *W. H. Sept*
Chas. J. G. for D. G. Aug. 1866
The Superintendent
4th Division

To The Secretary
to Government M.D.
dated 10th December 1866
Recd. 12th N: 3568
En: one

Submitting for information a Letter from the Acting Sub Engineer in Charge 3 Range Madras District reporting 2 breaches in the Rambakal.

A 456.
C. 11th Dec 1866 A. 1866

21st 10 39 - 21st Dec 1866

13

Sept 1866
From. The Actg. Sub. Eng. in Charge
3 Range. Madras Dist.
To. The Superintendent Engineer
4th Division

Dated 8th Dec. 1866
Recd. 10th 1866
W. H. Sept

No. 261

Reports two breaches in the "Kamber Kal" and Mr Booth having been requested to shut off the supply. &c.

away, road has

*Submitted to Government
for consideration
11/10/66
W. H. Sept*

heavy rainfall. The supply of the Tank
has quite escaped loss.

From.
The Acty. Secy. in charge
3rd Range Madras District

To The Superintending Engineer
S. Division

Dated 8th Dec. 1866
Dec. 10

N. 262

Reports damages to
works in the Range, by
the late heavy rains.

N. 262

3rd Range Office. Madras District
Tadapary. 8th December 1866.

From.
The Acty. Secy. in charge,
3rd Range. Madras District

To The Superintending Engineer
S. Division

Sir. I beg to report that the late heavy
rains have caused a deal of damage to
the Public Works, throughout the Range.
I am not in a position, just yet, to detail
exactly, individual cases, but I trust
the present will suffice. All such time,
as I will be enabled to collect full infor-
mation, which will be duly communi-
cated. I have already reported the "Kanda-
kal" breaches: a few reports only, have as
yet officially reached of damage to "Pri-
vate works", other than the above, but
from general information I have gathered
that the damage, both in the Arripa,
Kann and, Chingapur Taluqs, is very ex-
tensive. In the case of Roads, both
Munk lines have somewhat suffered,
in those localities particularly where
drainage had to pass through, nothing
serious however, has as yet been inti-
mated: - the Avady Road has slightly
suffered: - of the Quarry roads, among the
regularly laid out, that from Pona-
mallee to Thumathir, was to some extent
submerged, and the wash over, displaced the

the metaling partially, and damaged some
of the Tunnels. McLean Choultry Road,
and Sunkawar Choultry to Wallapitad
Road, are quite impassable, not sound
from damage, as from the soaking
of the bad soil; sandring has been ordered
on the former. Arcorum Road has
been seriously damaged; two Road Bars
have been swept away, causing deep
gullies, and near the Pullor Tramway
Station, a large breach has occurred,
caused, the Maistry in charge reports,
by the Tramway people, endeavouring
to relieve the pressure of the floods
on their very novel bridge, in the "Old
Palar" bed, by diverting the stream
through an adjoining culvert. This
circumstance, will be fully enquired
into and communicated; arrangements
have been ordered, for the immediate
repair of the above damages on this
line. The Sadras Road has again
been gutted in places. I am just now
on a tour of thorough inspection, and
will report as I proceed.

I have the honor to be
Sir

Your most obed^t. Servant

W. B. M. M.

Ag. Secy. Genl. & Ch. of Manges

22/5/24

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being partially, and damaged some
Tunnels. McLean's Chertrey Road

P. W. Dept.
Pro: of Govt. of Dec 10/86
From No 5146
The Sup Engineer
4th Division

To The Secretary
to Government P.W.D.
dated 10th December 1886
Recd 12th No 3569
En: no.

Submitting for informa
tion a Letter from the
Acting Sub Engineer 3rd Regt
reporting damages done to
works by the late heavy
rains.

No 457
e. 14th Dec 1886. Or. 1886

e. 14039 - 21st Dec 1886

4039 Public Works Department.
e. 14039 *W*

PROCEEDINGS of the MADRAS GOVERNMENT
Under date the 21st Dec 1886
Read the following

From
The Superintending Engineer
of the 4th Division (Here enter No. *3571* dated *10th Dec 1886*)
Do Do Do (— *3568* — *10th* — — —)
Do Do Do (— *3569* — *10th* — — —)

Ordered to be
recorded.

Wm
The S. Engr 4th Div
Contd. Dec 1st 20
3

Recd 22nd December

22

P. W. 1866 Department.

Proc. of Govt for Decr

No. 4039

PROCEEDINGS OF GOVERNMENT of Madras

Dated 2nd Decr 1866

Correspondence
reporting the occurrence
of damages to irrigation
works in the Madras
St. by the late heavy
rains, recorded -

A^o 455 @ 458

2 14th Decr 1866 On. 1866