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(2) Date of repair _____

(3) Initials of the Referencer _____

MADRAS RECORD OFFICE

Government of Madras

Public Works

DEPARTMENT

G.O. No.	110	Press
B.P. No.		Misr
Dated	14 - 1	195
		1875

*Original*Not to be folded or roughly handled

No. 235. Read the following Endorsement of the Chief Engineer for Irrigation, dated Muduthoray, 4th December 1874, No. 1,001 :—
From Colonel A. S. MOBERLY, R.E., District Engineer, Cuddapah, to Lieutenant-Colonel J. MULLINS, R.E., Chief Engineer for Irrigation, dated Camp at Cottapaud, 25th November 1874, No. 1,633.

In continuation of my letter, No. 1,606, of the 20th instant, I have the honor to inform you that on the right bank of the Cheyaur River from Goondloor to Pennagaloor every channel has been more or less damaged and the river embankments destroyed, the flood having overtopped them. The water passed over the head-sluiques of several of the channels, and has deposited sand almost to the top of them; the embankments and head-sluiques have had the effect of stopping in a great measure the deposit of sand, but in some parts the flood, by passing round the ends of the embankments, has deposited sand on the fields. At Pennagaloor it passed over its banks and poured a volume of water into the tank, making a breach of 285 feet in the northern end of this tank bank.

2. On the left bank I have already mentioned the damage to the west of Nundalore; about a mile to the east of Nundalore the hills run into the river, and on this side the bank being higher until you come to Tungatoor injury to the same extent has not been done, but the embankments have been damaged, and sand has been deposited over some of the fields. Below Tungatoor, however, great damage has been done. The river embankment has been completely washed away for about $1\frac{1}{2}$ miles in length, leaving hardly a stone to show where it had been, and the country is covered with sand for about three-quarters of a mile from the bank. The channel of the Coonanellore Jaghiredar is obliterated, as is also the Government channel of Comaranopully, and the lands of the last-named village are covered with sand. The flood then swept down on the tanks of Potapee and Konapoor Komoor, making a breach in the former of about 200 feet, and in the latter eight breaches, totalling 1,900 feet in length. It has also deposited about half a yard of sand in the bed of the Konapoor Komoor tank. The greater part of the flood then ran off towards the east over the fields, and fell again into the river to the south of the range of hills near Hoblumpett, but some passed northwards by a channel cut through the ridge and fell into the Condamorsoopully Kristnama tank in which it has made a small breach. It was here met by the flood from the Pennair which, from marks, appears to have been from 4 to 6 feet deep in the village of Coorcoontapully, and had topped the banks of all the tanks, only, however, doing slight injury to the irrigation works which can be easily repaired.

3. I would beg to suggest that a contour survey should be made of the Konapoor Komoor and Potapee tanks to see if they are worth restoring. If it would be better to convert their beds into fields and water them by channels from the river. The reconstruction of the river embankments, if Government should decide on remaking them, can only be done after taking levels, and to do this I would request the services of an experienced Surveyor and Leveller.

4. In repairing the river channels, I have always understood the rule to be that Government did the work from the river bank to the fields, and that the ryots should do all work above the head-sluique or river bank and lying in the bed of the river, but as in the cases abovementioned some of the channels extend into the

Proceedings of the Madras Government, Public Works Department,
14th January 1875.

river for distances varying from $\frac{1}{2}$ a mile to $1\frac{1}{2}$ miles, I beg to know if there should not be some relaxation of the rules.

5. I have started emergent repairs on such of the works as required immediate attention, and have given instructions to prepare the proper estimates as early as possible.

SUBMITTED for the information of Government, with a recommendation that the employment of a Surveyor and six Lascars, at a cost of Rupees 90 a month for two months, be sanctioned to allow of the restoration of the Cheyaur embankments, the cost of which will be chargeable to Agricultural Miscellaneous.

2. The District Engineer has been informed that sanction for the employment of a Surveyor on Irrigation works will be given by this office on the receipt of an estimate supported by the information required by Circular No. 62.

3. Colonel A. S. Moberly has, with reference to paragraph 4, been informed that work hitherto ordinarily done by the ryots should be left to them, and that probably he will have quite enough to do to carry out the repairs for which it is obligatory on the Government to provide.

(Signed) JOHN MULLINS, Lieut.-Col., R.E.,
Chief Engineer for Irrigation.

No. 236.

ORDER THEREON, 14th January 1875, No. 110.

IRRIGATION, No. 30.

THE damage sustained by the Cheyaur embankments by the floods in October is shown to have been extensive, and that resulting to the country near the river by the failure of these embankments very serious, and the employment of a Survey party for two months, as recommended in the foregoing endorsement, is accordingly sanctioned, from the provision for Temporary establishments.

2. The District Engineer will take care that his proposals for the restoration of the embankments are such as to leave no doubt as to their safety in the future, and the requisite estimate should be submitted as early as may be practicable. The work will be classed as Agricultural Miscellaneous.

3. The District Engineer will consult the Collector as to the work which should be performed by the ryots in the case of the channels referred to in paragraph 4 of his letter. The rule or custom varies in different districts and localities.

(True Extract.)

Colonel, R.E.,

Secretary to Government.

To the District Engineer, Cuddapah.
.. Chief Engineer for Irrigation.
.. Controller of Public Works Accounts.
.. Revenue Department.

Exd. T. O'Connor.

Spare Copies

N^o 1633

Cuddapah District Engineer Office
Camp Cottapand

25 November 1875

From

The District Engineer of
Cuddapah.

To

The Chief Engineer
for Irrigation
Madras

Sir

In continuation of my letter N^o 1606 of the 20th instant I have the honor to inform you that on the right bank of the Cheyaur River from Goundloor to Pennagaloor every 12 miles or thereabouts the river embankments destroyed, the flood having overtopped them. The water passed over the head sluices of several of the channels and has deposited sand almost to the top of them: the embankments and head sluices have had the effect of stopping in a great measure the deposit of sand but in some parts the flood, by passing round the ends of the embankments, has deposited sand on the fields. At Pennagaloor it passed over its bank and poured a volume of water into the tank making a breach

of 285 feet in the Northern end of this tank bank.
2 On the left bank I have already
mentioned the damage to the west of Kundalore:
about a mile to the east of Kundalore the hills
run into the river and on this side the bank
being higher until you come to Tungatore injury
to the same extent has not been done, but the
embankments have been damaged and sand
has been deposited over some of the fields.
Below Tungatore however great damage has
been done. The river embankment has been
completely washed away for about $1\frac{1}{2}$ mile
in length leaving hardly a stone to show
where it had been and the country is covered
with sand for about $\frac{3}{4}$ of a mile from the
bank: the channel of the Bonavillore jaghirdar
is obliterated as is also the Government
Channel of Bomaranapully and the lands
of the last named village are covered with
sand. The flood then swept down on the
banks of Potape and Konapoor-Komoor
making a breach in the former of about
200 feet and in the latter eight breaches
totalling 1900 feet in length. It has also
deposited about $\frac{1}{2}$ yard of sand in the
bed of the Konapoor-Komoor tank. The
greater part of the flood then ran off

towards the east over the fields and fell again
into the river to the south of the range
of hills near Hoblumpett, but some passed
northwards by a channel cut through the
ridge and fell into the Bonamoorapully
Kistnana Tank in which it has made
a small breach. It was here met by the
flood from the Pinnair which, from marks,
appears to have been from four to six feet
deep in the village of Cooroontapully and
had tapped the banks of all the tanks,
only however doing slight injury to the
irrigation work which can be easily repaired.

3 I would beg to suggest that a
Contour Survey should be made of the
Konapoor Komoor and Potape Tanks
to see if they are worth restoring or if it would
be better to convert their beds into fields
and water them by channels from the river.

Can this be done
with supply of
Government

No reconstruction of the river embankments,
if Government should decide on remarking
them, can only be done after taking levels
and to do this I would request the services
of an experienced Surveyor and Leveller.

4 In repairing the river channels
I have always understood the rule to be
that Government did the work from the

river bank to the fields and that the
 ryots should do all work along the head-
 sluice or river bank and lying in the bed
 of the river, but as in the cases above-
 mentioned some of the channels extend into
 the river for distances varying from $\frac{1}{2}$ a mile
 to $\frac{1}{4}$ mile, I beg to know if there should
 not be some relaxation of the rules.

I have started urgent repairs
 on each of the works as required immediate
 attention and have given instructions to
 prepare the proper estimates as early as possible.

I have the honor to be
 Sir,
 Your Most Obedient Servant.

W. H. J. Calver R.E.
 District Engineer
 of Gundlupet

A 1001

Government with

No 1033
 No 2252
 From
 The District Engineer
 Gundlupet

To
 The Chief Engineer
 for Irrigation
 Madras

Dated 24th
 Received 3rd November
 1894

Reports regarding
 the damages caused
 by late floods along
 the right bank of
 Cheyar River
 from Gundloor up
 to Penagaloor.

4/12/94 7688/94

1894
 474-5

P. H. Dept.

Proceedings of the Madras Government
Read the following:-

From The Chief Engineer } 110
for Irrigation } (H.R. No. 1001 of 14 Decr/74)

The damage sustained by the
Cheyair embankments by the
floods in October is shown to
have been extensive, and that
resulting to the country near
the river by the failure of these
embankments very serious, and
the employment of a Survey party
for 2 months, as recommended
in the foregoing endorsement, is
accordingly sanctioned, from
the provision for Temporary
establishments.

2. The District Engineer
will

J. M. 1874 Richard
No. 1001
No. 7688.
From
The Chief Engineer for
Irrigation
To the Secretary to Govt
of Madras
Dated 4th December
Resd No. 95
1874
Enclosed
for information
of the Secretary to Govt
of Madras
No. 110. 14-1-75.
Submits for information
of the Secretary to Govt
of Madras
the report of the
District Engineer for
Irrigation
regarding the damage
sustained by the
Cheyair embankments
by the late floods to the
country near the river
Cheyair, and the
employment of a Survey
party for 2 months
for the purpose of
surveying the
country near the
river Cheyair, and
the damage sustained
by the failure of the
embankments.

Md
11/12

will take care that his propos.
also for the restoration of the
embankments are such as to
have no doubt as to their safety
in the future, and the requisite
estimate should be submitted
as early as may be practicable.

The work will be classed as
Agricultural miscellaneous.

The share of the work the
bureau of the report should be
noticed. Perhaps better
ask the Col. Officer
11/12 M

3. The District Engineer

will consult the collector
as to the work which should
be performed by the ryots
in the case of the channels
referred to in para 4 of
his letter. The rule or custom
varies in different Districts
and localities

MJ
25/12

A. C. Buddapala
Chief Engr. for Irr. &
Controller
Revenue Dept.
Sept. 15/1/75.

7688

Govt. of 1875 Madras.

PUBLIC WORKS.

To

The Dist. Engr.
Cuddapah

Dated

Recd.

Encl. /

G. O. 11/1 Jan 11/1

Nos. 235-236

Chengam Embankments

The employment of a
survey party for 2 months
to allow of the restoration of
the embankments and -
The D. Engr. Cuddapah to take
care that his proposals for the
restoration of the embankments
are such as to leave no doubt
as to their safety in the future
& the requisite estimate submitted
as early as possible & the Collector

to be completed as to the
work which should be
performed by the B. Engr.
in the ~~case~~ case of the
channels referred to in
para 4 of his letter