

(1) Number of pages 12

(2) Date of repair 28-1-57

(3) Initials of the Referencer _____

MADRAS RECORD OFFICE.

Government of Madras.

Public Works DEPARTMENT.

G.O. No. <u>2985</u>	Press
<u>171-172</u>	~~Mis~~
Dated <u>9-12-</u>	<u>1870.</u>

Not to be folded or roughly handled

No. 171. Read the following letter from the Superintending Engineer, 4th Division, to the Chief Engineer for Irrigation, dated Madras, 21st November 1870, No. 3,467 :—

I HAVE the honour to report, for the information of Government, that during the late rains* the Kasaveram anicut across the Cortelliar at the head of the Bungaroo channel was considerably damaged.

One Sketch.
* On the 5th instant.

2. The north sluice of three vents of 7 feet each has had the foundation of one pier undermined, and the pier has fallen over. Flooring of the whole sluice is more or less injured, and the rough stone in rear a good deal washed away.

3. The south sluice has the flooring displaced.

4. The escape calingulah on the Bungaroo channel rear apron is partially destroyed.

5. The Bungaroo channel is breached in two places 5 miles down.

6. When I visited the anicut on the 18th, I found a good dam had been erected by the Executive Engineer, Mr. Goodchap, across the breached sluice, so that no water escaped; that the breaches in the channel 5 miles off had been mended; and that there was $3\frac{1}{2}$ feet water flowing over the regulating dam at the head of the Bungaroo channel.

7. The shutters had not been left open when the flood came down the river on the 5th, and that it was impossible to remove them when the river is in flood.

8. I would now request the sanction of Government, when repairing the damages now reported, to close up the north sluice altogether, as I can see no use whatever in it, and bring it to the same section as the anicut. There is not any channel on the north side; the river has a natural set to that side, and the sluice rather encourages it by keeping that bank of the river deep.

9. The other sluice even can be of little or no use for keeping the head of the channel clear. The length of the anicut is 321 feet, and of the regulating dam at head of channel 180 feet in the same line. The top of the regulating dam is only one foot above the floor of the sluice in body of anicut.

10. Early orders are requested on this point, as until they are given the estimate cannot be made up.

11. A sketch of the anicut, with the damages shown in black, is herewith forwarded.

No. 172. ORDER THEREON, 9th December 1870, No. 2,985.

IRRIGATION, No. 19.

THE Government sanction the closing of the under-sluices on the left side of the river in the Kasaveram anicut, and the continuation of the body wall of the dam across them. For the present it is not considered advisable to close the under-sluices near the head of the Bungaroo permanently: if the tops of the shutters be made flush with the crown of the anicut, and if they be left in whenever their removal is not required, either for the washing away of sand, or for the unwatering of the basin above the anicut, the sluices will occasion no additional wear and tear, and they may at times prove useful.

Proceedings of the Madras Government, Public Works Department,
9th December 1870.

2. The cause of the damage at these sluices has not been explained. With the shutters left in, and with the aprons in a proper state of repair, there would seem to be no reason why these parts of the work should have been liable to suffer more than other portions.

(True Extract.)

Colonel, R.E.,

Secretary to Government.

To the Superintending Engineer, 4th Division.
,, Controller of Public Works Accounts.
,, Chief Engineer for Irrigation.

Exd. S. T. Augustin.

N^o 3467

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Superintending Engineer's Office
4th Division Madras
24 November 1870

From

Colonel C. V. Wilkison R.E.
Superintending Engineer 4th Division

To

Major J. Mullins R.E.
Chief Engineer for Irrigation

Sir

Enclosure
1 Sketch

I have the honor to report for the information of Government that on the 5th instant during the late rains, the Nasaverrum Anicut across the Cartthar at the Head of the Pungaroo Channel was considerably damaged.

Sketch of the
Nasaverrum
Anicut
showing the
position of the
pier

2 The north sluice of three vents of 7 feet each has had the foundation of one pier undermined and the pier has fallen over. Hooping of the whole sluice is more or less injured, and the rough stone in rear a good deal washed away. The

3 The South Sluce has the flooring displaced.

4 The escape calingulah on the Rungaroo Channel near apron is partially destroyed.

5 The Rungaroo Channel is breached in two places. 5 Miles down.

6 When I visited the Annicut on the 18th I found a good dam had been erected by the Executive Engineer Mr. Goodchap across the breached Sluce so that no water escaped, that the breaches in the Channel 5 Miles off had been mended and that there was $3\frac{1}{2}$ feet water flowing over the regulating dam at the head of the Rungaroo Channel.

7 The shutters had not been left open when the flood came down the river on the 5th and that it was impossible to remove them when the river is in flood.

8 I would now request the sanction

57 2

sanction of Government when repairing the damages now reported, to close up the North Sluce altogether as I can see no use whatever in it, and bring it to the same section as the Annicut. There is not any Channel on the North side, the river has a natural set to that side and the Sluce rather encourages it by keeping that bank of the river deep.

9 The other Sluce even can be of little or no use for keeping the head of the channel clear. The length of the Annicut is 321 feet and of the regulating dam at head of channel 180 feet in the same line. The top of the regulating dam is only one foot above the floor of the Sluce in body of Annicut.

10 Early orders are requested on this point, as until they are given the estimate cannot be made up.

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A sketch of the Annulet with
the damages shown in black is
herewith forwarded.

I have the honor to be

Sir

Your Most Obedient Servant

Wm. Wilson Col R &
Super 4 Ga

W.P.

From the Super Engineer
4th Division

To the Chief Engineer
for Irrigation

dated 21st November 1901

Recd 22nd Nov 1901
Recd 24th Nov 1901
Enc. 1

Reporting on the
damages done during
the late heavy rains
of the Kasavaram
Anicut across the Cor-
telloor at the head of
the Bungalow Channel.

10/1/11

No 2985-9-Dec-1901

4750

Public Works Department
No 2985
Proceedings of the Madras Government
under date the 9th Decr 1901
Read the following

From the Super Engineer 4th Division
(H.E. No 3467 of 21st Nov 1901)

The Government
sanction the closing
of the undersluices on
the left side of the
river in the Kasavaram
Anicut, and the continua-
tion of the body wall
of the dam across them.
For the present it is
not considered advi-
sable to close the under-
sluices near the head
of the Bungalow per-
manently if the tops
of

N.
M. L.
A. A.
J. P.

of the shutters be made
flush with the crown
of the sluice, and if
they be left in whenever
their removal is not
required, either for the
wasting away of sand,
or for the undewatering of
the basin above the
sluice, the sluices will
sustain ~~no~~ additional
wear and tear, and they
may at times prove
useful.

2 The cause of the
damage at these sluices
has not been explained.
With the shutters left in,
and with the aprons
in a proper state of
repair, there would
seem

1195
seem to be no reason
why these parts of
the work should have
been liable to suffer
more than other
portions.

Wm. 24/11/20

Wm.

$\frac{36}{4}$

The Supg Engineer
of the T. & D. Co. Ltd. and plan
5. Controller of T. & D. Co. Ltd.
3. Chief Engineer.
for Irrigation.
Decr. 10/12/20

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Govt. of (1870) Madras.

PUBLIC WORKS.

To, The Superintending Engineer
H. Division
S. S.

Dated

Recd.

Encl.

G. O. of Decr 1870, No. 2985

Nos. 1918/72

Kasavaram Ancient Papering
orders in the letter from the Superintending Engineer reporting on the damages occasioned to the Kasavaram Ancient across the Corbelli at the head of the Bangalore Channel in the Kingleput District.