

(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.	20	Press	<i>Original</i>
B.P. No.		Mrs.	
Dated	6. 1.	195	1875

Not to be folded or roughly handled

*Proceedings of the Madras Government, Public Works Department,
6th January 1875.*

No 38 Read the following endorsement of the Chief Engineer for Irrigation,
dated Camp at Chinnapenputty, 2nd December 1874, No 999-B —

*Report of Agricultural Works injured during the heavy rains of October 24th, 25th, and
26th, 1874, as far as they have been inspected*

1. *Clutloor Pedda Chervoo* — This tank lies $8\frac{1}{2}$ miles north of Royachoty and about half a mile west of, and above the, Trunk Road No XVII. There are some nine or ten tanks above this, most of them small and, I believe, nearly all Dasavendam, seven of these breached on the 25th, when the water rose in the Peddachervoo until there was $4\frac{1}{2}$ feet of water passing over the weir. The water overflowed the bund in three places near the south end, the depth passing over the bund was only 1 or 2 inches, and did no damage.

Damage.—North was 57 feet in length · 36 feet in length, 15 feet breadth, and 3 feet in depth carried away. The south end of bund and its revetment carried away for about 3 feet. The length of revetment from the front round the rear that has been injured in 60 feet in length, most of it being undermined and loosened. South escape, a small portion of revetment 21 feet in length thrown down. An estimate for Rupees 80 has been made and will be forwarded as soon as ayacut accounts are received.

Area of drainage — Between 9 and 10 square miles

<i>Length available for discharge</i> — 1 Weir		57 feet in length
1 Escape, natural		80 „ „
1 Do do.		30 „ „
Total		167 „ „

Repairs have been ordered in anticipation of sanction of estimate

2 *Nullagootapally — Booligoota Chervoo* — This tank lies 11 miles north of Royachoty and immediately above Trunk Road No XVII

Damage — South Weir apron partly destroyed, amount of estimate submitted Rupees 29

Drainage area — About 3 square miles

<i>Length available for discharge</i> — 1 Weir		27 feet in length.
1 Do.		51 „ „
Total		78 „ „

In addition there is a bywash of about 40 or 50 feet, which discharges when 1 foot passes over the larger weir. The south weir of 27 feet discharges at 3 feet in depth, the other of 51 feet at $1\frac{1}{2}$ feet in depth, this being the difference of level.

I hear that water to a depth of 4 feet passed over the small weir, which is injured. But of this I am doubtful.

3. *Supply channel of the above tank* — This channel breached during September last, and has already been reported on. On the 25th the water rose about $1\frac{1}{2}$ feet higher than on the former occasion, and, besides widening the former breach, has caused a small one lower down. About 20 feet of the body wall of the anicut has also been carried away. The damage to the apron I could not ascertain as about 3 feet of water is still flowing in the Vunka.

*Proceedings of the Madras Government, Public Works Department,
6th January 1875.*

This will be attended to as early as possible

4 *Hussanapoorum Pedda Chervoo Supply Channel*—Wing walls of amcut injured, south wing of rough stone in chunam nearly all carried away. The bund and revetment of channel for about 300 yards nearly all destroyed. This will have to be entirely remade. This will be attended to as early as possible, water passed over top of wing walls, depth must have been about 4 feet

(Signed) J SCHOURY,

Sub divisional Officer.

(Signed) W M MONTSEERAT,

Assistant Engineer.

No 1,521.

SUBMITTED to the Chief Engineer for Irrigation for information.

(Signed) A. S. MOBERLY, Colonel, R E.,

11th November 1874

District Engineer

Copy of letter from the Officer in charge Royachoty Sub-division, to the Officer in charge of Madanapully Range, 6th November 1874; No 715

In continuation of this office No 693, dated 1st November 1874, I beg to report for your information my inspection of the following tanks—

I—*Gopanagoodipully. Kitha Coontah*—A small tank about 5 miles west of Govalcherovoo (not on Atlas sheet). Bund low and in bad order. Revetment low and below present water level. Has two natural escapes, one of 30 and one of 15 yards over the natural surface of ground, top of bund $1\frac{1}{2}$ above level of escapes. The water appears to have gone over the bund in many places, but no damage done. Damage area does not exceed 1 square mile. This will be put in proper order in due course.

II—*Neilganthropet*—Large tank supply channel breached in several places and two weirs injured, but not serious, waste of tank 16 yards in length, rough stone apron slightly injured, north wing-wall undermined and much injured, wings 2 feet 9 inches above crest, water has passed over 3 feet in depth, no injury done to bund at weir. Bund generally only about $3\frac{1}{2}$ to 4 feet above crest of weir, near eastern sluice only 3 feet above weir crest, water has passed over here but has done no injury, about 150 yards of bund slightly injured along top of revetment, can be repaired by village labor, as it will not cost more than 10 or 12 Rupees; natural escape at east end 20 yards in length, drainage area I take to be about 4 square miles, Atlas shows nearly 12 square miles, but this I think an error, I did not observe it in time or I would have examined and seen whether a large verah shown on the map does not pass the tank lower down, instead of entering it as shown on the sheet, an estimate will be sent in for this tank and will include the supply channel. I propose to lengthen weir considerably, or it must be lower.

III—*Mutly Jagarcherovoo Tank* of fair size, on the whole is in good order, no damage done by late rains, drainage area 3 square miles, weir of 21 yards and by wash of 50 yards, bund above crest level about 6 feet.

*Proceedings of the Madras Government, Public Works Department,
6th January 1875.*

IV.—*Mutly Ellamrajoo Cheroovoo* bund at one time must have been high and strong; it is now much worn down and uneven, and the revetment throughout in bad order. Breached near the centre, breach measures $23 \times 15 \times 7$ yards, ordered to be closed at once. This tank has no preceptible escape, the water appears to have passed over the west end of bund freely and not much damage done; ordered an escape to be cut 30 yards in length and about half a yard below the usual line of high water, this will be raised when repairs are done with rough stone, where the breach took place, so far as I can ascertain, must have been very low, there being a dip towards the breach on both sides.

I am of opinion that this breach could have been avoided by a timely cutting away of the end of the bund by the ryots and villagers. The village of Mutly is at one end of the bund, and has no tank above this, so far as I can learn, breached so as to cause a sudden rush of water into the tank, the rise of the water must have been gradual and could have been watched. The ayacut is 58 acres, of which 42 is Inam; drainage area, including above III, is about 4 square miles. Sections will be taken at an early date and an estimate forwarded for putting the tank in good order.

V.—*Pembodipully Tank*—This tank breached in September last; breach closed and extra water way opened out, but even this appears to be still insufficient. Water passed over east end of bund and carried away about 4 yards; escape will be lengthened this extent, estimate under preparation.

VI.—*Lhabumcherovoo Pedda Charovoo* bund throughout in good order. The new weir at west end has been injured, about half of the body carried away, damage $42\frac{1}{2} \times 2 \times 3\frac{1}{2}$ feet, wings are uninjured, water reached top of wings, which are 3 feet in height, but does not appear to have passed over them.

I believe the chunam has not had time to set properly, and must have given way before the weight against the wall. The work was complete in April 1874. The height of the wall at the breach is $4\frac{1}{2} \times 3$ feet of water passing = $7\frac{1}{2}$ feet. I do not think the wall thick enough for the purpose, the part at the west side of the weir, and which is still standing, is $2\frac{1}{2}$ feet in height and 2 feet thick, this part of the wall is uninjured, except three or four coping slabs removed.

No 1,459

FORWARDED to the District Engineer in continuation of this office endorsement, No 1,437, dated 6th November 1874.

(Signed) W M MONTSEERAT,

10th November 1874.

Assistant Engineer.

No 1,551

FORWARDED to the Chief Engineer for Irrigation for information.

14th November 1874

(Signed) A. S. MOBERLY, Colonel, R E.,

District Engineer, Cuddapah.

SUBMITTED for the information of Government.

Proceedings of the Madras Government, Public Works Department,
6th January 1875.

2. As far as can be judged from these papers, the tanks in the Cuddapah District have suffered less than might have been anticipated from the heavy rain-fall of October. Some of the works entered in the statement would appear to have been but slightly injured.

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

No 39.

ORDER THEREON, 6th January 1875, No. 20.

IRRIGATION, No 5.

ORDERED to be recorded.

(True Extract)

b. Padda Chervo Cuccar The stone upon is washed away
Padda Chervo do do and masonry walls also washed away
Below Padda

9. Padda Chervo — Chummananayami Chervo do do reached about 15 yards. Reached 8 yards in
length 5 yards in breadth. $\frac{1}{2}$ of the quantity
of water only remains in the tank. The
slope which would yield 200 bottles of
can be filled with sand.

2. Padda Chervo do do Reached about 12 yards in length
Peston hair and often are masonry
and a breach about 8 yards in length
6 yards in breadth is caused. $\frac{1}{2}$ of the
quantity of water lost.
Cracks are formed in the rear slope
of the mound as the water overflows
the mound.

4. Chenna Pappachern do do Reached and often washed away
 $\frac{1}{2}$ quantity of water is lost.

10. Padda Chervo Cuccar do do Reached
11. Padda Chervo do do Reached

12. Padda Chervo Cuccar do do Reached near the north wall
where it was repaired lately by
the S.P.W.

13. Padda Chervo Cuccar do do Reached

14. Padda Chervo Cuccar do do Reached

2001

Each year at the winter meeting, the
Board of Directors of the National
League of Women's Clubs, during a
very small meeting, the property of the

revised.

3. *Prunella*

2 Paola Chorro - Brachet

Signed J. S. Thompson

True copy!

Signed J. Schomberg

Dated 11th 57
Remind, { Power 11th

Statement showing
the Tank breached
and injured by
the rains of 23^d 24th
and 25th October
1874.

Mr. 2211/74

Report of agricultural works
injured during the heavy rains
of October 24th 25th and 26th 1874
as far as they have been inspec-
ted.

1. Chitloor Padda Chervoo. This tank, lies $8\frac{1}{2}$ miles north of Poyachoty and about $\frac{1}{2}$ mile west of, and above the Trunk Road. There are some 9 or 10 tanks above this, most of them small and believing nearly all Dasavandam, 7 of these breached on the 25th when the water raised in the Padda Chervoo, until there was $4\frac{1}{2}$ feet of water passing over the weir. The water overflowed the bund in 3 places near the south end, the depth passing over the bund was only 1 or 2 inches and did no damage.

Damage. north. was 57 feet in length, 36 feet in length 15' breadth and 3' in depth carried away. The south end of Bund, and its reinforcement carried away for about

2/1/11 (Assessment)

about 3 feet. The length of Revetment from the front round the rear that has been injured in 60 feet in length, most of it being undermined and loosened. Some escapes. a small portion of Revetment 21' in length thrown down. An estimate for Rupees 80 has been made and will be forwarded as soon as by accounts are received.

Area of Drainage. Between 7 and 10 miles.

Length available for discharge.

1	weir 27 feet in length
1	do do 51 feet do do.
Total 78 feet.	

In addition there is a By wash of about 40 or 50 feet, which discharges when it passes over the larger weir. The south weir of 27 feet discharges at 3' in depth the other of 51 feet at 1 1/2' in depth, this being the difference of level. I hear that water to a depth of 4 feet passed over the small weir, which is injured. But of this I am doubtful.

Repairs have been ordered in anticipation of sanction of Estimate. 2. Nallagottapally. Dooligoota Chervu. This tank lies 11 miles north of Royachetty immediately above Drunk Road No. XVII.

Damage. South Weir. Apron partly destroyed. amount of Estimate submitted Rs 29-0-0. Drainage Area. About 3 Sq miles.

Length available for discharge. 1 Weir 27 feet in length 1 do 51 feet do do. Total 78 feet. In addition there is a By wash of about 40 or 50 feet, which discharges when it passes over the larger weir. The south weir of 27 feet discharges at 3' in depth the other of 51 feet at 1 1/2' in depth, this being the difference of level. I hear that water to a depth of 4 feet passed over the small weir, which is injured. But of this I am doubtful. 3. Supply Channel of the above Tank. This Channel breached during September last and has already been reported on. On the 25th the water rose about 1 1/2' higher than on the former occasion and besides widening the former breach, has caused a small one lower down. About 20 feet of the body wall of the Aunuch has also been carried away. The damage to the apron I could not ascertain as about 3 feet of

of water is still flowing in the tank.
This will be attended to as early as possible.

4. Russanapooram Pedda Chervoo Supply Channal. Wing walls of ancient injured, south wing of rough stone in Chumam nearly all carried away. The Bund and revetment of Channal for about 300 yards, nearly all destroyed. This will have to be entirely repaired. This will be attended to as early as possible, water passed over top of wing walls, depth must have been about 4 feet.

Signed J. Schoury
Signed W. M. Montezarrak Sub Divisional Officer
Assistant Engineer

True Copy
N^o 15212/11th November 1894

Submitted to the Chief
Engineer for Irrigation
for information

W. H. King Colonel D. E.
District Engineer
Comp. D. P.

Copy of letter from the Officer in Charge Rayachoty
Sub Division to the Officer in Charge of
Madanpally Range 6th November 1894. N^o 15212/11th

In Continuation of this Office N^o 693 Dated 1st November 1894. I beg to report for your information my inspection of the following tanks.
1. Gopanaagodepudi. Kotha fontals a small tank about 5 miles west of Gopanaagodepudi (not on atlas sheet) Bund low and in bad order. Revetment low and below present water level. Has two natural escapes of 30 and 15 yards over the natural surface of ground top of Bund about 1 1/2 above level of escapes. The water appears to have gone over the bund in many places but no damage done. Drainage area does not exceed 1 square mile. This will be put in proper order in due course.

2. Neilgantrapet. Large tank supply channel breached in several places and two weirs injured, but not serious; waste of tank 16 yards in length rough stone apron slightly injured, north wing wall undermined and much injured wings 2' above crest water has passed over 3' in despite no injury done to bund at weir. Bund generally only about 1/2 to 1' above crest of weir, near eastern sluice only 3' above weir crest, water has passed over

Over here but has done no injury about
150 yards of Bund slightly injured along
top of revetment, can be repaired by village
labor, as it will not cost more than 1000.
12 No natural escape at east end 20 yards
in length Drainage area I take to be
about 4 square miles, Atlas shows nearly
12 square miles but this I think an error,
I did not observe it in time or I would
have examined and seen whether a large
venkah shown on the map, does not
pass the Tank lower down, instead of
entering it as shown on the sheet an Esti-
mate will be sent in for this Tank and
will include the Supply Channel, I
propose to lengthen weir considerably or
it must be lower.

III Mutly Rajoocharoo Bund of fair
size on the whole is in good order, no
damage done by late rains Drainage
area 3 square miles weir of 21 yards and
big wash of 30 yards Bund above crest
level about 6 feet

IV Mutly Ellamraja Charoo Bund
at one time must have been high & strong,
it is now much worn down and uneven,
and the revetment throughout in bad order
Breached near the Centre, breach measures
23x15x4 yards Ordered to be closed at once.
This tank has no perceptible escape the
water appears to have passed over the
west end of bund freely and not much
damage

damage done ordered an escape to be
cut 30 yards in length and about 1/2
yard below the usual line of high water,
this will be raised when repairs are done
with rough stone, where the breach took
place so far as I can ascertain must
have been very low, there being a dip
towards the breach on both sides.

I am of opinion that this breach
could have been avoided by a timely
cutting away of the end of the bund by
the ryots and village. The village of
Mutly is at one end of the bund and as
no tank above this so far as I can learn
breached so as to cause a sudden rush
of water into the tank, the rise of the
water must have been gradual & could
have been watched. The Ayaent is 58 acres
of which 42 is Enam, Drainage area
including above III is about 4 square
miles Sections will be taken at an early
date & an Estimate forwarded for
putting the Tank in good order.
V Pemhodipudly Tank. This Tank
Breached in September last breach closed
and extra waterway opened out, but
even this appears to be still insufficient
water passed over east end of bund and
carried away about 4 yards, escape will
be lengthened, this extent Estimate
under

under preparation.

VI Chakumcheroovoo Pedda Garoovoo

Bund throughout in good order. The new weir at west end has been injured about half of the body. Carried away damage $42\frac{1}{2}' \times 2' \times 3\frac{1}{2}'$ wings are uninjured, water reached top of wings which are 3 in height but does not appear to have passed over them.

I believe the chain has not had time to set properly and must have given way before the weight against the wall. The work was complete in April 1874. The height of the wall at the breach is $4\frac{1}{2}' \times 3'$ of water passing $7\frac{1}{2}'$ feet. I do not think the wall thick enough for the purpose this part at the west side of the weir and which is still standing is $2\frac{1}{2}'$ in height and 2' thick, this part of the wall is uninjured except 3 or 4 coping slabs removed.

No 1459

Forwarded to the District Engineer in Continuation of this Office Endorsement No 1437 D/6th November 1874.

Signed/ R. M. Montserrat
10th November 1874 Assistant Engineer

No 1551 Dated 14th November 1874

Forwarded to the Chief Engineer for Irrigation for information

W. M. J. Colonel R. E.
District Engineer
Madras

1551
2135

1551
2135

No. 1551
2135

The District Engineer
Superintendent

Is

The District Engineer
for Migration
District

2135
1874

Forwarded copy of
letter from the
District Engineer

to the District Engineer
of the District Engineer
for information
Mr. 2135/74

under preparation.

VI Chalumcheroovoo Pedda Cheroovoo
Bound throughout in good order. The name

MS 7211/74.
From MS 2131
The District Engineer
Cuddapah
To The Chief Engineer
for Irrigation
Madras

Dated 11th November
1894
Received 12th November
1894
Communicates copy
of Report with a list
of tanks injured
during the heavy
rains of 24th 25th
and 26th October
in Poyachoty Taluk
Cuddapah District.

N^o 999 B

Submitted for the information
of Government.

As far as can be judged from
these papers, the tanks in the
Cuddapah District have suffered
less than might have been an-
ticipated from the heavy rain-
fall of October. Some of the
works entered in the state-
ment would appear to have
been but slightly injured.

Camp at Chinnampatty
2nd December 1894
Chief Engineer for Irrigation

To The Secretary to Govt. P.W.D.

Dec 12 1874

The Chief Clerk for
 the Immigration
 Department
 has the honor to inform
 you that the report from the
 District Surgeon General
 regarding the damage to
 custom funds during
 the late heavy rain.
 is of the 20th inst. 6-1-75

P. W. 1874
 No 999 B
 No 711

W. V. Wright
 Proceedings of the Madras Court
 Read the following:-
 The Chief Engineer } (No 999 B of 2nd Dec 74)
 for Immigration }
 Ordered to be
 recorded.
 9/12/74
 G. M. N.

30

To The D. C. Cuddalore ✓
 - - - Chief Engineer for Madras ✓
 Receipt to both 7/1/75

13+