

(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.	1108	Press
B.P. No.		Mis-
Dated	19-6-	6875-195

Not to be folded or roughly handled

*Proceedings of the Madras Government, Public Works Department,
19th April 1875.*

No. 509- From G. S. SAGE, Esq., District Engineer, South Arcot, to Lieutenant-Colonel J. MULLINS, R.E., Chief Engineer for Irrigation, dated Camp at Cuddalore, 1st March 1875, No. 253.

With reference to your memorandum of inspection, South Arcot District, in February and March 1874, the portion relating

- 1 Large Sheet Survey, &c.
- 3 Sheets Cross Sections.
- 1 Estimate.
- 1 Specification.
- 1 Register of Works.
- 1 List A.

8

- Sent by banghy.

to the Vylur tank, I have the honor to submit herewith papers as per margin on the subject for completing the tank.

2. I think the estimate will be found to provide for all that is necessary and all items pointed out by you.

3. Taking your memorandum serialim the tank was commenced in July 1869, stopped under restrictive orders of December 1869, resumed in May 1870, and work finally reported as completed in March 1873 by Mr. Bell, who furnished a completion certificate on 27th May 1873, and in October 1873 tank was breached. It is quite evident from a merely casual look at the tank that it never was completed in accordance with levels of original estimate, and I very much doubt if original estimate was correct. I enclose an extract from the register of works showing the expenditure under each head and by each officer who had charge of the work. I also enclose a list A showing contents roughly of the existing bund; this does not compare exactly with original estimate, but will do as a rough approximation. By register of works, 54,454 cubic yards of earthwork appear to have been paid for by list A; only 34,473 cubic yards can be found, a difference of cubic yards 19,981; this shows conclusively to me that much work has been paid for twice over, and that the work allowed in estimate was never entirely completed.

4. Regarding the sluices I have made no alterations, as I consider them ample for all purposes for a long time to come.

5. Regarding waste weir, I consider the dam stones should be removed (see specification).

6. I do not think the cattle ramp north of calingulah necessary, as I can see no reason for cattle crossing there unless to swim in the tank; for agricultural operations they must go still further north. I have therefore omitted it.

7. I have allowed for protecting three yards of inner slope of bund and two yards of padugay with nanel grass for whole length of bund; there is scarcely a vestige remaining of the grass you saw.

8. One great cause of the failure of this work appears to me to be that no one ever dreams of using a level in this district if he can avoid it, consequently his work is all guess work; this I have as far as possible put a stop to, and insist on level being used.

No. 509-A.

Read the following:—

No. 344.

Note by the Chief Engineer for Irrigation.

In paragraph 26 of the Notes of inspection of the South Arcot District, dated 14th August 1874, the circumstances of the construction and breaching of the Vylur tank were noticed, and it was mentioned
Proceedings of the Madras Government, 5th November 1874, No 3,143.

*Proceedings of the Madras Government, Public Works Department,
19th April 1875.*

that a report fixing the responsibility, and an estimate for closing the breach had been called for. The District Engineer's letter of the 1st March and its accompaniments give the information required.

2. These papers fully bear out the impression which was formed on inspecting the tank, that the management of the work had been disgraceful to all concerned with it. The estimate, amounting to Rupees 6,065, for the construction of this tank, was sanctioned in G. O., No. 1,733, dated 27th May 1869, and provided for cubic yards 51,243 of earthwork. The work was in charge of Mr. R. E. Norfor from

	Cubic yards.
July 1869 to April 1871, and he passed	40,625
Next Mr. Hawksworth had charge from August 1871 to March 1872, and passed	7,737
Then Mr. J. M. Bell from July 1872 who passed	6,092
Total	54,454

The measurements show that the work thus paid for was really about cubic yards 34,473, so that in round numbers 20,000 cubic yards which had no existence were passed. I do not think that the loss by wash was very material, but 5 per cent. may be allowed on this account, and 18,500 cubic yards then are the quantity unrepresented by work done. All three officers are greatly to blame. Mr. Norfor must have paid for nearly double the quantity of work executed. Mr. Hawksworth had he examined the work when he took charge could not have failed to see without much difficulty that the balance of the estimate was insufficient to complete the bund according to the sanctioned section, and nothing but gross carelessness on Mr. Bell's part can account for his supposing that the bund was finished at the time he made his last payment, seeing that where the breach occurred it was about 6 feet below its proper level, while beyond the waste weir the bund did not extend to the point provided for, or to ground above full tank level.

3. I regret to be obliged to recommend that the value of the work paid for but having no existence should be recovered from these three officers, but it is, I think, absolutely necessary that in every case in which gross carelessness is evidenced the responsibility of those concerned should be enforced. It is not practicable to determine precisely for what sum each of the three officers is liable, as no accurate measurements were made when each took charge, but it will be quite sufficient, it is thought, if an approximation be made. The total amount to be recovered is

	RS.
Cubic yards 18,500, at 1½ Annas	1,349
Sundries, 5 per cent.	61
	1,410
And Mr. Norfor may properly be required to pay	1,000
Mr. Hawksworth	205
„ J. M. Bell	205

*Proceedings of the Madras Government, Public Works Department,
19th April 1875.*

It may be added that it would be nothing more than just to make Mr. Bell pay for closing the breach and for the loss of revenue resulting from the accident to the tank, but it may be hoped that the warning may suffice.

4. The estimate for completing the tank and closing the breach amounts to Rupees 2,330, and it may be sanctioned as a capital charge. The work should be completed before the north-east monsoon of this year, and an appropriation may be made from the grant for Minor New Works at the disposal of Government.

(Signed) JOHN MULLINS, Lieut.-Colonel, R.E.,
CAMP AT RED HILLS,
5th April 1875.

Chief Engineer for Irrigation.

ORDER THEREON, 19th April 1875. No. 1,108.
No. 510.

IRRIGATION, No. 61.

HIS EXCELLENCY the Governor in Council notices with grave dissatisfaction the great carelessness and neglect of duty evinced by the officers who successively had the management of the construction of the Vylur tank in the South Arcot District, and concurring with the Chief Engineer for Irrigation that the responsibility of those who have the executive charge of such works must be enforced; he directs the recovery from the undermentioned officers of the sums shown against their names, which sums will be recovered in five instalments and credited to the work:—

Mr. R. E. Norfor, Rupees 1,000.
„ J. M. Bell, „ 205.

As regards Mr. Hawksworth, His Excellency in Council remits the fine, as he has recently been severely punished for negligence. His Excellency trusts that it will not be necessary to notice similar carelessness in future, or a much more severe punishment will be adjudged.

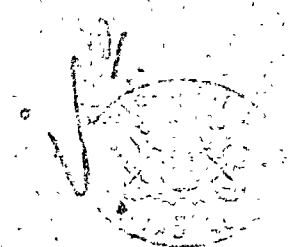
2. The estimate, amounting to Rupees 2,330, for completing the tank and closing the breach is sanctioned as a capital charge, and this sum is appropriated to the work from the grant for Minor New Works at the disposal of Government.

(True Extract.)

Colonel, R.E.,
Secretary to Government.

To the District Engineer, South Arcot.
„ Chief Engineer for Irrigation.
„ Controller of Public Works Accounts.

Exd. W. J. Lewis.
Spare Copies



N^o 3442-11-11-11-11

Note by the Chief Engineer for Irrigation

Prosr. Macdow
Govt. - 5th Novem.
ber 1874. W. 311, 3.

Enclos 9

In para 26 of the notes of Inspe-
tion of the South Arcot District, dated
11th August 1874 the circumstances of
the construction and breaching of the
Vayalur Tank were noticed, and it was
mentioned that a report fixing the
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closing the breach had been called
for. The District Engineer's letter of
the 1st March and its accompaniments
give the information required.

2 These papers fully bear out the
impression, which was formed on inspect-
ing the tank, that the management of
the work had been disgraceful and
concerned with it. The estimate, amount-

* increased to Rs. 6065
6486 in S.O. No 676
5 March 1875

ing to Rupees 6065 for the construction of
this tank was sanctioned in G.O. W. 1733
dated

dated 27th May 1869 and provided for Cub.
yds 51,243 of earth work. The work was
in charge of Mr R. E. Norfor from July
1869 to April 1871 and he passed Cub. yds 40,625

Next Mr Hawksworth had charge
from August 1871 to March 1872 and
passed _____ Cub. yds 7,737

Then Mr J. M. Bell from July
1872 who passed _____ 609.2
Total Cubic yards - 54,454

The measurements show that the work thus
paid for was really about Cub. yds 34,473
so that in round numbers 20,000 Cub. yds
which had no existence were passed. I do
not think that the loss by wash was
very material, but 5 per cent may be
allowed on this account, and 18,500 Cub. yds
then ~~represent~~ ^{are} the quantity unrepresented
by work done. All three officers are greatly
to blame. Mr Norfor must have paid
for nearly double the quantity of work
executed. Mr Hawksworth had he

examined the work when he took charge
could not have failed to see without
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that the value of the work paid for but
having no existence should be recovered
from these 3 officers, but it is, I think,
absolutely necessary that in every case
in which gross carelessness is evidenced
the responsibility of those concerned
should

should be enforced. It is not practicable to determine precisely for what sum each of the 3 officers is liable as no accurate measurements were made when each took charge, but it will be quite sufficient, it is thought, if an appropriation be made. The total amount to be recovered is

Cubic yards 18500 at 1 $\frac{1}{2}$ Annas —	Ruppes	1349
Sundries 5 per cent. —	"	61
		<u>1410</u>

and Mr. Norfor may properly be required to pay — Ruppes — 1000

Mr. Hawksworth — " — 205

" J. M. Bell — " — 205

it may be added that it would be nothing more than just to make Mr. Bell — pay for closing the breach and for the loss of Revenue resulting from the accident to the tank, but it may be hoped that the warning may suffice.

The estimate for completing the tank and closing the breach amounts to Ruppes 2330, and it may be sanctioned as a capital charge. The work should be completed before the North East monsoon of this year, and an appropriation may be made from the grant for minor new works at the disposal of Government.

Red Wells
5 April 1875

Whitburn
Lieut Col. R.
Chief Eng. for Irrigation

To

The Secretary to Government
P.W.D.

A. N. 1845 Sept
No 2288.

Mr. Chief Engineer
Frigation.

Date 5th April 1875
Recd. 9th —

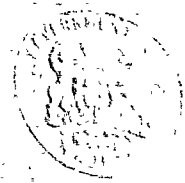
344. Eng.

Noti by the Chief Engineer
In Frigation on papers
Inwarded by District
Engineer South Coast
on the subject of closing
breaches and completing
the new Taylor Tank.

G. O. No. 1108. 19. 4. 75

N^o 509 A

R. 10-4-75 - R. 15-
C-10-4-75 - R. 15-



I have countersigned
the Joint Secretary's
Draft - But, as Chief
Engineer, I do propose
degradation of Mr. Ross
for from the 3rd grade
of Ex. Engr. to the 1st grade,
with loss of 9 steps & 100 " monthly
Salary. his restoration
allowing 1st Sept. when
the Half year's pension
allowance of Mr. Bell from
Apr. Engr. 1st to 2nd class,
4 steps -
Mr. Hanksworth was
degraded the other day
from Ex. Engr. 4th grade
to Apr. Engr. 1st grade

P.N. 1845 Dip
No 2288

7 steps, and might
be excused the fine in
addition -

Law
9.4.75

N-529 A

P. 10-11-75 - R. 15
C-10-475 - R. 15

Public Works Dept.

Proceedings of the Madras Government
Under date the 1875

Read the following -

From The Chief Engineer } H.C. No 344 of 5th April 1875.
for Irrigation }
G.O. No 1108 of 19th April 1875

His Excellency the
Governor in Council notices
with grave dissatisfaction
the great carelessness and
neglect of duty evinced by
the officers who successively
had the management of
the construction of the
Vylur Tank in the South
Arcot District, and con-

R.H.

curring with the Chief
Engineer for Irrigation
that the responsibility of
those who have the execu-
tive charge of such works
must be enforced, he directs
the
shall not oppose - but I really
doubt the Chief Engineer
is a permanent per-
manent. His signature remains
in a man's handwriting
fine - nor for con-
without incurring delin-
carry out the Chief Engineer
and then - but I must insist
on the removal of Mr. Norfor
from the post - the intention is

in the face of almost daily
evidence of dissatisfaction
has always been unexplained
Sun. 12/4/91 MR

"	Hawkesworth	"	205
"	J. M. Bell	"	205

As regards Mr. H.
I would recommend
his order. His account
depreciation and say
that Mr. H. the fact does
not meet in his account
on the information of
his share of the

[The page contains several lines of extremely faint, illegible handwriting.]

Wm. 6/4/25

To The District Engineer South Arcot
— Chief Eng^r for Irrigation with 8 Enclosures
Controller of P. W. accounts
Dy. Engrs Vizayapatam & S. Samudra
Desd - 30-4-76

Shree Office to the
on 17 June 1976

2288

Govt. of 1875: Madras
PUBLIC WORKS.

to Dist Engineer
South Arcot

Date:

Recd.

Encl.

G. O. 19 April 1875, No. 1108

No. 509-570.

53 paragraphs
New Vylas Tank, South
Arcot St. - Messrs Norfor
Hawthornth and Bell
Censured for great care
lessness & neglect of duty
evinced by them in the
management of the construc-
tion of the tank and cer-
tain amount expended
on the work to be re-
covered from Messrs
Norfor & Bell.

C-10-4-75

The following bill
has been returned in
the office
11/1/75

Received 12.4.75