

(1) Number of pages _____

(2) Date of repair _____

(3) Initials of the Referencer _____

MADRAS RECORD OFFICE.

Government of Madras.

P. K. N. S. DEPARTMENT.

G.O. No.

100-4

Press

Me.

Dated

22-3-

18

77.

Not to be folded or roughly handled

Read the following :—

No. 146—W.

No. 602. *Note by the Chief Engineer for Irrigation.*

THE information submitted by the District Engineer, Cuddapah, with reference to G.O. of the 13th January 1877, No. 2,804, dated 5th March 1877. No. 124, regarding the Kamasamudrum Katchamma tank is not complete even with the previous letter of the 14th October 1876, No. 1,544, which was written in reply to this office memorandum No. 21 C.D., of the 27th September, in which inquiry was made as to the reasons for raising the bund of the tank to a uniform height of 11 feet above F.T.L.

2. The records apparently do not show either why this was done or what quantity of earthwork was in consequence executed. The probability is that some parts of the bund were of that height, and that the estimate having been prepared by an Overseer of little judgment, the actual requirements of the tank were never properly investigated. The rules of the Irrigation Department, and the information required to be exhibited in support of all tank estimates, render it unlikely that any such mistake should now be made. It will be seen from the latter part of the District Engineer's No. 1,544, that the M.W.L. is supposed to be $2\frac{1}{2}$ feet above F.T.L., and in that case the bund would be $8\frac{1}{2}$ feet above highest water level. It may be noticed, however, that the co-efficient 350 for determining the maximum flood discharge is low, that the water escapes over rock, that the lowest part of this rock is 11 feet below top of bund, the average level not having been stated, and that consequently the M.W.L. must be considerably higher than $2\frac{1}{2}$ feet above F.T.L. Possibly it would approach to $3\frac{1}{4} + \frac{3}{4} = 4$ feet above the lowest part of the escape, and even then the bund would be at least $3\frac{1}{2}$ to 4 feet higher than is necessary.

3. The occasion of the preparation of the estimate is shown to have been District Engineer's No. 1,231, dated 5th September 1876, paragraph 3, in Proceedings Madras Government, dated 11th October 1876, No. 2,718. a letter from the Collector intimating that the tank was in a very dangerous state and needed repair. What it wanted was apparently the reconstruction of the revetment and little or nothing more, and the Range Officer, Mr. Hunter, ought either to have inspected the tank and determined what was to be done, or at any rate, on the receipt of a large estimate providing for such unusual arrangements as a bund 11 feet above F.T.L., he should have looked carefully into the matter. It is unsatisfactory that the then Superintending Engineer, Major Vertue, did not notice this remarkable feature of the estimate.

4. The District Engineer considers that the Public Works Department was not directly or indirectly connected with the raising of the bund by the ryots across the surplus channel, which led to the submergence of the lands for which compensation was claimed, and it is hardly reasonable to suppose that any approval to such a proceeding could have been given by any one whom even the ryots could suppose to

Proceedings of the Madras Government, Public Works Department,
23rd March 1877. No. 1,004.

have authority in the matter. At any rate they were fined for similar proceedings in 1873 at the instance of the Sub-Divisional Officer.

FORT ST. GEORGE, (Signed) JOHN MULLINS, Lt.-Col., R.E.,
16th March 1877. Chief Engineer for Irrigation.

To the Secretary to Government, Public Works Department.

No. 603. ORDER THEREON, 23rd March 1877, No. 1,004.

IRRIGATION, No. 42.

RECORDED and communicated to the
Revenue Department with reference to
G.O., No. 2,164, of the 26th December
1876, in that department.

(True Extract.)

(Signed) JOHN MULLINS, Lieut.-Col., R.E.,
Secretary to Government, P.W.D.

To the District Engineer, Cuddapah.
" Chief Engineer for Irrigation.
" Revenue Department.

E. I. Form No. 15.

OFFICE OF CHIEF ENGINEER FOR IRRIGATION,

No. 146. W. Fort St. George, 16 March 1877.

Note by the Chief Engineer for Irrigation.

Enclosures. 2.

5 March/77. The information submitted by the
District Engineer, Cuddapah, with reference
to G.O. of the 13th January 1877 N^o 124 regarding
the Kamasamudrum Katchamma Tank is
not complete even with the previous
letter of the 14th October 1876 N^o 1544, which
was written in reply to this office memo
N^o 21 C.O. of the 27th September, in which
enquiry was made as to the reasons
for raising the bund of the tank to a
uniform height of 11 feet above F.T.I.
2. The records, apparently do not
show either why this was done or what
quantity of earthwork was in consequence
executed. The probability is that some
parts of the bund were of that height
and that the estimate having been
prepared by an overseer of little judgment
the

the actual requirements of the tank are never properly investigated. The rules of the Irrigation Department and the information required to be exhibited in support of all tank estimates render it unlikely that any such mistake should now be made. It will be seen from the latter part of the District Engineer's No. 1544 that the M.W.I. is supposed to be $2\frac{1}{2}$ feet above F.T.I. and in that case the bund would be $8\frac{1}{2}$ feet above highest water level. It may be noticed however that the Coefficient 350 for determining the maximum flood discharge is low, that the water escapes over rock, that the lowest part of this rock is 11 feet below top of bund, the average level not having been stated, and that consequently the M.W.I. must be considerably higher than $2\frac{1}{2}$ feet above F.T.I. Possibly it would approach to $3\frac{1}{4} + \frac{3}{4} = 4$ feet above the lowest part of the escape and even

Eng's No. 1291
1976 para 3
L & H Oct. 76
18.

then the bund would be at least $3\frac{1}{2}$ to 4 feet higher than is necessary.

3. The occasion of the preparation of the estimate is shown to have been a letter from the Collector intimating that the tank was in a very dangerous state, and needed repair. What it wanted was apparently the reconstruction of the revetment and little or nothing more and the Range Officer, Mr. Hunter, ought either to have inspected the tank and determined what was to be done or at any rate on the receipt of a large estimate providing for such unusual arrangements as a bund 11 feet above F.T.I., he should have looked carefully into the matter. It is unsatisfactory that the then Superintending Engineer Major Vertue did not notice this remarkable feature of the estimate.

4. The District Engineer considers that the P.W.D. was not directly or indirectly connected with the raising of

of the bund by the ryots across the surplus channel which led to the submergence of the lands for which compensation was claimed, and it is hardly reasonable to suppose that any approval to such a proceeding could have been given by any one whom even the ryots could suppose to have authority in the matter. At any rate they were fined for similar proceedings in 1873 at the instance of the sub-divisional officer.

Volunteers
Lieut. Colonel, R.E.
Chief Engineer for Irrigation



The Secretary to Govt.

Public Works Dept.

HR

12.1.77. No 124 Min
11.10.76 - 2718

E. I. Form No. 18.

1977

No. 2060

From

The Chief Engineer for Irrigation,

To

The Secretary to Government,

Public Works Department.

Dated 16th March
Despatched 17th March
Received 18th March 1877.

ENCLOSURE 2.

No. 146.W

Subject.

Kamasamudrum Katchamma
Sauk - Note forwarding with
remarks, D.R.'s Gussaphah, letter
submitting information
regarding the — with reference
to G.O. No. 124 of 13th Jan'y 1877

G.O. 23rd March 77 No 2062

Gen 19.3.77

E. I. Form No. 22.

No 1004

Public Works Department.

PROCEEDINGS of the MADRAS GOVERNMENT.

UNDER date the 23rd March 77
Read the following:—

Note by the Chief Eng: for I. (H.E. No 146-W. 2/16 March 77)

Recorded and
Communicated to the
Revenue Department with
reference to G.O. No. 2164
of the 26th December 1876
in that Department.

by 17/3

H. G. Gussaphah!
Ch E for Irrig. with 2 Enclos
Rec. Dept. ✓

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2.4.77

Sept. of 1877 India.

PUBLIC WORKS.

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Dated

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Encl

G. O. 25 *March* 1877 No. 1004

Fig. 102-103

Ramachandrase Katch-
amma Tank, Cuddalore

87 Note by the Chief
Engineer for Singsa on the
subject of a petition from
S. Rama Row praying
for compensation for land
said to have been submerged
in consequence of repairs
to the —, recorded and
committed to the Rev. Deput.

Don't in Reg.