

(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.	2806	Press
B.P. No.		Mis.
Dated	18-10-	1876 —195—

Not to be folded or roughly handled

Read the following papers:—

No. 220-W.

No. 301. *Note by the Chief Engineer for Irrigation.*

In a letter No. 1,561 of the 28th ultimo, the Superintending Engineer, Chingleput, asked, with reference to Government Order sanctioning the completion of the sluices in the weir of the Red Hills Tank, whether he might carry on the other works which would be covered by the reduced allotment available for this project, and especially the raising of the surplus weir of this tank to full tank level.

2. The Superintending Engineer, as regards the raising of the weir crest, was informed that this work could not, it was considered, be prudently gone on with until the masonry of the sluices had become hard, and until therefore the sluices could be used in case of need, and he was asked to report when the sluices would be finished, from what time they could safely be worked, also whether thereafter the crest could be completed so as to be ready for the discharge of water before the setting in of the north-east monsoon.

3. The Superintending Engineer has not yet answered the above communication; but he reports that the sluices are nearly finished, and that it will be a great convenience if the weir can be gone on with before the bricklayers are dispersed.

4. It is thought that if possible the weir crest should be completed this season. The additional water which would thus be retained may and probably will be of great value, and with the sluices there will be no risk it is considered in retaining the full depth of water in the tank, or it may be said no risk beyond that which must result from retaining water at a higher level than has hitherto been attempted. The Superintending Engineer should judge when the sluice masonry will have thoroughly set, and he should not complete the weir crest before that time. On the other hand the crest should be finished not later than the 25th September, so that its masonry may have set properly by the 15th October. It will be seen from Proceedings of Madras Government of the 7th July last, No. 1,727, that Rupees 3,800 are required for completing the weir.

5. Special care must be taken to watch the tank bank while the tank is filling and for sometime thereafter, and the Range Officer should himself be on the spot as soon as the water may reach the level of the weir crest as it now stands, so that should any leakage occur at any point it may be promptly attended to.

OOTACAMUND,
18th August 1876.

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

To the Secretary to Government, Public Works Department.

*Proceedings of the Madras Government, Public Works Department,
18th October 1876. No. 2,806.*

No. 301-A. Endorsement of the Chief Engineer for Irrigation, dated Ootacamund, 6th October 1876, No. 221 W.

From Colonel F. J. MOBERLY, R.E., Superintending Engineer, Chingleput, to Lieutenant-Colonel J. MULLINS, R.E., Chief Engineer for Irrigation, dated St. Thomas' Mount, 12th September 1876, No. 2,058.

I HAVE the honor to observe that in memorandum, No. 1,254, of 19th ultimo, the

Chief Engineer, Public Works Department, informs me that the allotment for Madras Water-works is reduced by Rupees 10,000 from Rupees 77,476 to Rupees 67,476, and

for Chembrumbakum by Rupees 5,000 from Rupees 23,496 to Rupees 18,496.
2. In your memorandum, No. 70 W., of 11th May, accepted in G.O., No. 1,727, of 7th July, you propose that the allotment for Madras Water-works shall be Rupees 32,942, and the Examiner of Public Works Accounts in his No. 69 C.N., dated 3rd July 1876, considers this to be the amount available; the enclosed revised statement shows how I should wish to lay out this money which I am barred from spending by G.O., No. 1,010, of 21st April 1876.

3. The sluices of Red Hill Lake weir have been built to a level of 46.31 and have set well, the work lately has got on very slowly owing to the difficulty of raising stone to the very narrow wall and great want of system by Mr. Watkins, and there is still to be built the upper 3.75 feet of the piers on which the beams for lifting gear and bridge planking are to rest, but I cannot think that they will require another week, and we may count on another month of fine weather and still longer before we can possibly require to work these shutters.

4. I would therefore again urge on you the necessity for raising the weir by 2 feet to its proper height. I am in the greatest difficulty now as to supplying the irrigation with the water required, and have requested the Collector to limit the cultivation to seed-beds, as I cannot guarantee a full supply to any fields that are more advanced. I beg your attention to copy of Collector's reply just received.

5. In your No. 56 C.N. of 27th July 1876, which I will otherwise reply to shortly, you remark on the insufficiency of the channels for the acreage stated to be under them; but (as Captain Smith has pointed out) he has entered *maximum acreage* but provided way for only so much water as is likely to be available after municipal wants are provided for.

6. I cannot but think that with all allowance for evaporation, &c., we should now be very much better off if we could have filled the lake 2 feet higher in 1874, and would beg early permission to push on with the work necessary now, of course it will be done 1 foot at a time throughout, but there being a great length it may be done quickly and have time to set before the lake is filled.

7. The cost is estimated at Rupees 3,525 and is included in the statement now submitted.

From R. W. BARLOW, Esq., Collector of the Chingleput District, to Colonel F. J. MOBERLY, R.E., Superintending Engineer, Chingleput District, dated Sydapett, 6th September 1876, No. 426.

In reply to your No. 1,933, dated 1st instant, I have the honor to inform you that I have issued strict orders in accordance to the Tahsildar to explain to the ryots the restricted conditions under which they may obtain water.

*Proceedings of the Madras Government, Public Works Department,
18th October 1876. No. 2,806.*

2. It seems to me a great pity that some arrangement is not at once made by the Municipality to enable them to obtain water by pumping or some other means. There is an immense volume of water in the lake—thanks to the late engineering improvements—enough I believe both for the Municipality and cultivation till long over the time north-east monsoon must break, and yet we are afraid to issue it to the ryots, because the level of the municipal sluice and channel is such that they are useless, even when there is still this considerable supply stored; water in fact cannot be utilized nearly to the extent to which it is really available.

SUBMITTED for the consideration of Government, in continuation of the papers submitted with this office No. 220 W., dated 18th August 1876.

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

No. 302. ORDER THEREON, 18th October 1876, No. 2,806.

IRRIGATION, No. 34-A.

Account.

UNDER the circumstances brought to notice, His Grace the Governor in Council resolves to authorize the raising of the surplus weir of the Red Hills

Tank, Madras Water-works, to such a level, up to that of the full tank, as the Superintending Engineer may find practicable with due regard to the safety of the tank and to the security of the new work at the weir.

2. Special attention should be given to the remarks of the Chief Engineer for Irrigation in paragraph 5 of the note of the 18th August last.

3. In the revised statement transmitted with the Superintending Engineer's No. 2,058, the cost of completing the weir to full tank level is entered as Rupees 3,525, and that amount is placed at his disposal from the allotment for the Madras Water-works in the final issue of the Budget of 1876-77.

(True Extract.)

Major-General, R.E.,
Secretary to Government.

To the Superintending Engineer, Chingleput.

„ Collector of „ do.
„ Chief Engineer for Irrigation.
„ Examiner of Public Works Accounts.
„ Revenue Department.

Exd. E. C. Shunker.

pare Copies

Endorsement of the Chief Engineer for Design.
 No. 24 of 6th Decr. 1876.

FOR ORDERS.

Voluntarily at Col. St.
 Joint Secretary to Govt
 1876.

The Subintending Engineer
 makes no reference either to
 this office or to C.R. of the 9th Decr
 or to the Telegram of the 31st Idem
 but some of the information required
 has been given - It appears to be
 desirable to raise the local
 Crest as far as may now be
 practicable.

44. 12/10

CC

PUBLIC WORKS DEPARTMENT.

Endorsement of the Chief Engineer for Inga.
No. 24 of 6th Decr. 1876.

FOR ORDERS.

Voluntarily at old St.
Joint Secretary to Govt
M.A.

The Subintending Engineer
makes no reference either to
this office or to C.N. of the 9th Aug
or to the Telegram of the 31st Idem
but some of the information required
has been given - It appears to be
desirable to raise the weir
crest as far as may now be
practicable.

W. J. H. J.

24.12/10

12
Note by the Chief Engineer for Irrigation
W. W. of 18th August 1876

FOR ORDERS.

Wm. L. L. St. Colonel
Chief Engineer for Irrig.

I would issue an order
in the name of Mr. Mullens
Memo: and if time permits
complete the rest of the
work.

W

23/8

St. L. L. St. Colonel
Chief Engineer for Irrig.
Memo: and if time permits
complete the rest of the
work.

From S. C. Chingleput, No. 2058 of 12 Sept/76

No. 221-W.

Encls. 3.

Submitted for the consideration of Government in continuation of the papers submitted with this office No. 220-W dated 18th August 1876.

Obtained
6th Oct. 1876

W. S. Colquhoun
Chief Engineer for
Irrigation.

P.W.D.

1876

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From
The Chief Engineer for Irrigation
The Secy. to Govt. P.W.D.

Dated 6 Oct. 76

Secy. 3

N^o 221-10.

Madras Water Works -
Chingleput District -
Submits S.E.'s letter forwarding
revised statement showing how
he proposes to lay out the
money allotted for -

R. I. Form No. 18.

OFFICE OF CHIEF ENGINEER FOR IRRIGATION,

Coltiamund, 18 Augt 1876.

N^o 220-W.

Note by the Chief Engineer for Irrigation.

N^o 1727 d. 7th
July 1876

N^o 6000-9th inst.

In a letter N^o 1561 of the 28th ultims the Superintending Engineer, Chingleput, asked, with reference to G.O. sanctioning the completion of the sluices in the weir of the Red Hills Tank, whether he might carry on the other works which would be covered by the reduced allotment available for this project, and especially the raising of the surplus weir of this Tank to full tank level. The Superintending Engineer was, as regards the raising of the weir crest, informed that this work could not be considered he pro-^{posed} to go on with until the masonry of the sluices had become hard, and until therefore the sluices could be used in case of need, and he was asked to report when the

chutes would be finished, from what time they could safely be wanted, also whether thereafter the crest could be completed so as to be ready for the discharge of water before the setting in of the ^{ONE} ~~the~~ monsoon.

3. The Superintending Engineer has not yet answered the above communication, but he reports that the chutes are 24/1695-12 Incht nearly finished and that it will be a great convenience if the weir can be gone on with before the bricklayers are dispersed.

4. It is thought that if possible the weir crest should be completed this season. The additional water which would thus be retained may and probably will be of great value, and with the chutes there will be no risk it is considered in retaining the full depth of water

in the tank, or it may be said no risk beyond that which must result from retaining water at a higher level than has hitherto been attempted. The Superintending Engineer should judge when the chute masonry will have thoroughly set, and he should not complete the weir crest before that time. On the other hand the crest should be finished not later than the 25th September so that its masonry may have set properly by the 15th October. It will be seen from P.M.B. of the 7th July last, 2/1727, that an outlay of 3,800 are required for completing the weir.

5. Special care must be taken to watch the tank bank while the tank is filling and for some time thereafter, and the Range Officer should himself be on the spot as soon as the water may reach the level of the weir crest as it now stands, so that should any leakage occur,

at any point it may
be promptly attended
to.

Form No. 18.

P.W.D.

200076.

7574

From

The Chief Engineer for Irrigation,

To

The Secretary to Government,

Public Works Department.

Dated

18 Aug.

1876.

Despatched

Received

ENCLOSURE 3

No. 220-10

Subject.

Red Hills Tank - Madras Water
Works - Chingleput District - Note
on the S.E.'s letter requesting to know
if he might carry out the raising
of the surplus water of the
to full tank level.

To
The Secretary to Govt
D.W.

Public Works Department.

No. 2206

PROCEEDINGS OF THE MADRAS GOVERNMENT.

UNDER date the

Read the following:-

Note by the Ch. Engr. for Irrigation { H.E. No. 2220 of 18th Augt 1876.
Endorsement of do - " 2214 of 6th Octr. 1876.
From S.E. Chingleput " 2058 of 12th Sept. -

Under the circum-
stances brought to
notice His Grace the
Governor in Council
resolves to authorize
the raising of the sur-
plus water of the Red
Hills Tank, Madras
Water Works, to such
a level, up to that of the
full tank, as the Super-
intending Engineer may
find practicable with
due regard to the
safety of the tank
and to the security

of the new work at
the weir.

2. Special attention
should be given to
the remarks of the
Chief Engineer for Ir-
rigation in para 5
of the Note of the
18th August last.

3. In the revised
statement transmitted
with the Superintending
Engineer's No 2058, the
cost of completing the
weir to full tank level
is entered as Rupees
3,525, and that amount
is placed at his dis-
posal from the allot-
ment for the Madras
water works in the
Final issue of the Budget
of 1876-77.

12361/2
17/10

ms dep^d 18/10/76
J. E. Chingleput
C. E. for J. with 6000 Enclost
Collector Chingleput
En. P. L. W.
Recd. Sept.
Gwpd. 30th Sept 176

156
(103)

7573 CA 
Govt. of 1876 Madras.

PUBLIC WORKS.

To *The Sup^d Eng^g Chapt^r Genl.*

Dated

Issued

Recd.

Encl.

G. O., 18th October 1876, No. 7573

Nos. 30/2

Surplus Water of the
Best Hills Tank, Madras
Water Works, Changanassery

Mr. — Authorizing with
certain remarks the raising
of the ——— to a higher
level, as the Sup^d Eng^g
may find practicable.

*Sup^d in the
G. O. 18-10-76.*

my M.