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MADRAS RECORD OFFICE

Government of Madras

Public Works DEPARTMENT

G.O. No.	2433	Press
B.P. No.		Mis.
Dated	25-5-	195- 1875

Not to be folded or roughly handled

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*Proceedings of the Madras Government, Public Works Department,
25th August 1875.*

Read the following papers :—

No. 416. From Colonel F. J. MOBERLY, R.E., Superintending Engineer, Chingleput, to Major J. O. HASTED, R.E., Officiating Chief Engineer for Irrigation, dated Guindy, 9th August 1875, No. 1,802.

I HAVE the honor to observe that if G. O., No. 1,831, dated 1st ultimo, were in accordance with the views enunciated in your No. 799, dated 28th ultimo, we should have very little difficulty. The order desires clearing of calingulahs a fortnight before the usual setting in of periodical rains, *i. e.*, 1st October.

1 Circular.

2. This affords no security against cyclonic rain-falls in May, from which our tanks have principally suffered, nor does it afford us time to see that the calingulahs are cleared; when a tank is breached the villagers generally remove all the stuffing to prevent discovery of their neglect, so that we can only by accident bring home the matter to them.

3. The order rather weakens our efforts, which would have been really efficacious if the Circular agreed to by the Revenue Officers, and published in the *District Gazette*, had been really enforced.

4. Weirs are being built in lieu of calingulahs, and escapes of a temporary form have been cut in hard ground to many tanks till permanent weirs can be built, but villagers dam even these up and leave no outlet whatever.

5. I enclose a copy of the Circular abovementioned, and would ask that its provisions, or such amendment of them as may be considered advisable, be put in force by an order of Government.

6. The law under the head of mischief, I thought, would have reached the persons who infringe these rules published by the Collector as competent authority, but I am told that I am mistaken.

Extract from "Chingleput District Gazette," dated 7th February 1874, Page 41.

NOTICE.

REFERRING to the recent order of Government regarding the clearance of the spaces between the upright stones of calingulahs, and correspondence which has since passed between the District Engineer and the Collector on the subject, it is hereby notified, for the information of all Revenue Officers and the public, that the spaces between the upright stones of the calingulahs may be kept closed only from 1st December to 31st March, both days inclusive.

2. These banks should however be limited in thickness and made of turf sods, which might be faced with clay to make them watertight, 6 inches thickness above full tank level, and 1 foot thick for the uppermost foot of height, 1½ feet for the second foot, and 2 feet for the third, so that the 6 inches stratum would give way immediately if the tank water rose above its proper level and the passage of the stream would soon cut downwards.

3. Tahsildars are directed to see that this is duly attended to by all village officials, and to bring promptly to the notice of the Collector, or Sub-Collector, all cases of disobedience.

(Signed) R. W. BARLOW,

Collector.

(Signed) F. J. MOBERLY, Colonel, R.E.,
Superintending Engineer, Chingleput.

*Proceedings of the Madras Government, Public Works Department,
25th August 1875.*

No. 930.

No. 416-A.

Note by the Chief Engineer for Irrigation.

THIS Office Memorandum, No. 799, of the 21st ultimo, and the Superintending

No. 1,483, 16th July.

Engineer's letter to which it is a reply, are submitted for the information of Govern-

ment, together with Colonel F. J. Moberly's later letter. There is nothing in the memorandum, it is considered, which is not in accord with the order of Government quoted, if it be remembered that the latter is an instruction to all District Officers, whereas the correspondence with the Superintending Engineer was intended to deal with the known circumstances of the Chingleput District.

2. There is evidently nothing in the order to prevent calingulahs being cleared before May, in which month the Superintending Engineer points out very properly that much damage has resulted from sudden storms. Indeed, paragraph 2 of the order distinctly states that a clearance should be effected at least a fortnight before the setting in of the periodical rains, and in districts in which such rain occurs in May the clearance is evidently necessary.

3. Any case in which temporary or supplemental escapes may be found to be bungled should be reported to the Collector.

4. If it be the fact that villagers who transgress the rules sanctioned by competent authority for the preservation of works of irrigation from injury, and who commit acts resulting or likely to result in damage to the works cannot be punished for mischief, it would seem to be necessary that this defect in the law should in some way be remedied, or that District Officers should be informed authoritatively how such cases should be dealt with.

5. With regard to the contents of the notice which was published under the Collector's signature in the *Chingleput District Gazette* of the 7th February 1874, page 41, it may be remarked that the important points are the entire clearing of calingulahs before the rains set in, and the method of closing them partially or fully thereafter. To prohibit such closing before the 1st December is a rule which, it is thought, cannot properly be enforced, for in some years hardly any rain falls after that date, and many tanks have the calingulah crests 1 to 4 feet below full tank level, consequently the rule would render the filling of the tank in such years impracticable. Calingulahs are regulating works, and to be of use must be regulated according to circumstances. If cleared before the rains, or, better still, as soon as the stuffing is no longer required, the heavy bursts of rain which frequently distinguish the setting in of either monsoon will find the tank escapes ready for the duty they have to perform, but thereafter the extent of closing to be allowed, the time when the closing and re-opening should take place, and the details of regulation must, where there is no conservancy establishment, be left to the villagers. The hard and fast rule in the Chingleput District may properly be that all calingulahs must be perfectly clear of stuffing on and after the 31st March until the May storms are over, again from the 15th September until the north-east monsoon has set in and the heavy burst at its commencement is over; and that the stuffing must not be higher than 6 inches above full tank level, nor more than 1 foot in thickness at

*Proceedings of the Madras Government, Public Works Department,
25th August 1875.*

the top. So long as tanks dispose of surplus by calingulahs, and the retention of the supply required is dependent upon the regulation of the spaces between the upright stones, a good deal must be left to the discretion of the villagers, and the compulsory rules should be confined to essential requirements, the propriety of the enforcement of which can admit of no doubt.

OOTACAMUND,
17th August 1875.

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

No. 417.

ORDER THEREON, 25th August 1875, No. 2,433.

IRRIGATION, No. 27.

THE Honorable the Governor in Council in issuing the instructions contained in paragraph 3 of G. O., No. 1,831,

of the 1st July last, did not prescribe the details of the management of tank calingulahs, and on a reference from the Superintending Engineer, Chingleput, the Chief Engineer for Irrigation appears to have supplemented the brief directions of the order to suit the circumstances of the district referred to.

2. The Government concur generally with the latter officer in the views enunciated in paragraph 5 of the foregoing Note, and these Proceedings will be communicated to all District Engineers for information.

3. The Board of Revenue will be requested to report at an early date on the way in which sanctioned rules regarding the management of tank calingulahs are to be enforced, and what will be the effect of the measures proposed. No doubt must be left on this important subject, and the villagers must clearly understand their responsibilities together with the consequence to themselves of neglect of these.

(True Extract.)

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

To all Superintending and District Engineers.
To the Executive Engineer, Wynaad.
" Revenue Department.
" Chief Engineer for Irrigation.

Exd. S. T. Austin.

Spare Copies

Notice

Referring to the recent order of Government regarding the clearance of the spaces between the upright stones of calingulas, and correspondence which has since passed between the District Engineer and the Collector on the subject; it is hereby notified for the information of all revenue officers and the public that the spaces between the upright stones of the Calingulas may be kept closed only from 1st December to 31st March both days inclusive.

*facile

the thickness
about the maximum
height allowable

2. These banks should, however, be limited in thickness and made of turf sods, which might be joined with clay to make them watertight, 6 in. thickness above full tank level, and 1 foot thick for the uppermost foot of height, 1 1/2 ft for the 2^d foot and 2 ft for the 3^d, so that the 6 inches stratum would give way immediately if the tank water rose above its proper level and the passage of the stream would soon cut downwards.

the thickness
about the maximum
height allowable

3. Tahsildars are directed to see that this is duly attended to by all village officials, and to bring promptly

promptly to the notice of the Collector,
or Sub Collector, all cases of disobedience.
Signed R. H. Barlow
Collector

Colonel R.E.
Superintendent Chingleput

GB-25 August / 78 No. 416

Enclosure in a letter
from Mr. J. B. Bayley
to the Chief Engineer
No. 1802 dated 18/8/78

18/8/78

NO. 1802

7C 81
SUPERINTENDING ENGINEER'S OFFICE,

CHINDY, 9 August 1875.

From

THE SUPERINTENDING ENGINEER,

Chingleput District.

To

THE Chief Engineer
for Irrigation

Cue:
Circular

Sir,

I have the honor to observe
that of G.O. No. 1831 dated 1st ultimus
were in accordance with the views
expressed in your No. 799 dated
28th ultimus, we should have very
little difficulty. The order desires
clearing of calungulas a fortnight
before the usual setting in of
periodical rains. &c. &c. &c.
2. This affords no security against
cyclonic rain falls in May from
which our tanks have principally
suffered. nor does it afford us
time to see that the calungulas are
cleared. when a tank is breached
the villagers generally remove all
the stuffing to prevent discovery
of their neglect so that we can
only by accident bring home the
matter to them.

3. The order rather weakens

our efforts which would have been really efficacious if the Circular agreed & by the Revenue Officers and published in the District Gazette had been really enforced.

4. Weirs are being built in lieu of calingulas and escapes of a temporary form have been cut in hard ground & many tanks ~~to wait~~ till permanent weirs can be built. but villagers have seen these up and leave no outlet whatever.

5. I enclose a copy of the Circular above mentioned and would ask that, its provisions, or such amendment of them as may be considered advisable, be put in force by an order of Government.

6. The law under the head of mischief. I thought would have reached the persons who infringe these rules published by the Collector as competent authority, but I am, told that I am mistaken.

I have the honor to be
Sir
Your most obedient servant

Colonel R.C.

Supg. Engr. Chingleput

9c
2

[Faint, mostly illegible handwritten notes or signatures in the right margin.]

to 930

Enclosure 2.

Sent by the Chief Engineer for Irrigation.
 This office Memo. No. 177 of the 21st of
 No. 1483-16 July. Ultima and the Super Engineer's letter
 to which it is a reply are submitted
 for the information of Government,
 together with Colonel F. J. Mosher's
 later letter. There is nothing in the memo,
 it is considered, which is not in accord
 with the order of Government quoted,
 if it be remembered that the latter
 is an instruction to all District
 officers whereas the correspondence
 with the Super Engineer was intended
 to deal with the known circumstances
 of the Chungking District.

There is evidently nothing in the
 order to prevent Calingulahu being
 cleared before May, in which month
 the Super Engineer points out very
 properly that much damage has
 resulted from sudden storms. Indeed
 para 2 of the order distinctly states
 that

1888-1889-1890-1891-1892

to the Superintendent Engineer
 Chungking District

to the Chief Engineer
 for Irrigation

Dated 25 August 1895
 Recd 1895

Mr. 55257 No. 1802
 2/75. 21

Enclosure copy of a
 Circular of the Government
 issued by the Government
 in the District of the
 clearing of Calingulahu and
 requests that the provisions
 in such document of them
 as may be considered
 suitable be enforced by an
 order of Government

Enc-19-8-75
 Mr. 55257
 Mr. 55257

GA 25 August 1895 No. 2433

that a clearance should be effected at least a fortnight before the setting in of the periodical rains and in districts in which such rain occurs in May the clearance is evidently necessary.

3. Any case in which temporary or supplemental escapes may be found due should be reported to the collector.

4. If it be the fact that villagers who transgress the rules sanctioned by competent authority for the preservation of works of irrigation from injury, and who commit acts resulting or likely to result in damage to the works cannot be punished for mischief, it would seem to be necessary that this defect in the law should in some way be remedied, or that District officers should be informed authoritatively how such cases should be dealt with.

With

5. With regard to the contents of the notice which was published under the collector's signature in the Chingleput District Gazette of the 7th February 1874 page 61, it may be remarked that the important points are the entire clearing of Calingulabs before the rains set in and the method of closing them partially or fully thereafter. To prohibit such closing before the 1st December is a rule which, it is thought, cannot properly be enforced, for in some years hardly any rain falls after that date and many tanks have the Calingulabs crests 1 to 4 feet below full tank level consequently the rule would render the filling of the tanks in such years impracticable. Calingulabs are regulating works and to be of use must be regulated according to circumstances.

If

If cleared before the rains or better still as soon as the stuffing is no longer required, the heavy bursts of rain which frequently distinguish the setting in of either monsoon will find the tank escapes ready for the duty they have to perform, but thereafter the extent of closing to be allowed the time when the closing and reopening should take place, and the details of regulation must, where there is no Conservancy establishment, be left to the village. The hard and fast rule in the Bangalore District may properly be that all calingalahs must be perfectly clear of stuffing on and after the 1st March until the May storms are over, again from the 15th September until the North East monsoon has set in and the heavy burst at its commencement is over, and that the stuffing must not be higher than 6 inches above full tank level.

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-ness at the top - So long as tanks
dispose of surplus by calingulaks
and the retention of the supply re-
quired is dependent upon the regu-
-lation of the spaces between the
upright stones a good deal must
be left to the discretion of the villagers,
and the compulsory rules should
be confined to essential requirements,
the propriety of the enforcement of
which can admit of no doubt.

William Leach R.E.
Chief Engineer for Irrigation

Volacum und
14 August 1875.

To the Secretary of Government
S.H.C.

P. W. 1895 Sept.
No. 5525.

From

The Chief Engr.
for Design.

Dated 17th Augt. 1895.
Recd. 27th — 1895.

E. 21. No. 900.

Note on letter of the
Supr. Engr. Chingleput
Ament clearing of Caling
Inlas before the setting
in of the periodical
rents.

S. 6. 2400. 25. 8. 75.

416

No 2433. S. 16.

Proceedings of the Irrigation Board.

Under date the 25 August 1895

Read the following:

From

The Chief Engineer for
Irrigation

(H. E. Diggs) 17th August
1895

The Honorable the
Governor in Council
in issuing the instruc-
tions contained in para-
3 of G. O. No. 1831 of the 1st
July last did not attempt
to prescribe the details
of the management of
tank Calingulaha and
on a reference from the
Supr. Engineer Chingleput
the Chief Engineer for
Irrigation properly sup-
plemented the brief
directions of the order
to

to suit the circumstances
of the District referred to.

2. The Government concur
with the latter officer
in the views enunciated
in para 5 of the foregoing
note, and these Proceedings
will be communicated
to District Engineers
generally for information.

3. The Board of Revenue
will be requested to report
at an early date on the
way in which sanctioned
rules regarding the manage-
ment of tank Calingulaho
are to be enforced. No doubt
must be left on this
important subject, and
the villagers must be
made clearly to under-
stand their responsibilities
together

190
together with the result
to themselves of neglect
of these.

by 19/8

181
28
All Supy & Dnyrs 135
Ex: Engr Wynard
Rev. Dept. 21
Chmrs for Engr 5
Office 20
181
X-attch

SC-Disp³-9-9-75

55251
Govt. of 1875: Hindustan.

PUBLIC WORKS.

To

— All Super. Engrs.
Engineers.

Dated

Issued

Recd.

For

G. O. 25 Aug 1875. No. 2433

No. 416 - 417

H

Clearing of Calmugulaha before
the setting in of the period
rains. — Passing order
on the Note by the Chief
Engr. for Irrigation on
letter of the Super. Engr.,
Bhimleput, relative to
the ———.