

(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. 279

Press

~~Mis.~~

Dated

29 — 1 — 18 77.

Not to be folded or roughly handled

No. 575. Read the following endorsement of the Chief Engineer for Irrigation, dated Fort St. George, 19th January 1877, No. 54 W:—

Report of Mr. J. C. JOHNSTON, Assistant Engineer, on Special Duty, Cumbum Tank Works, for the week ended the 6th January 1877.

THE pencilling, inking and coloring of the Gundlaoamma river scouring sluices plan occupied me the first four days of the week. I provided five vents to scour the river at the level of its old bed, and one vent at the level of the channel which has been excavated. Mr. Goodchap, however, does not approve of the plan, on account of the lower level vent; he considers the channel useless and has directed me to make another plan with its six vents on the level of the old bed.

2. I saw Mr. D. Arbuthnott, Acting 2nd Member of Board of Revenue, on Monday evening, and he gave me instructions to close the breach in the Cuthwa at once. Though it is too late now to save the Rupees 20,000 which will have to be remitted on account of failure of crops below the Cuthwa channel, the closing of the breach will provide drinking water to two villages near the anicut and to several lying near the channel. I commenced work the next morning with about 200 coolies. As the relief work had been temporarily stopped, on account of the "Proclamation," crowds of coolies came for work the first day (Tuesday). On Wednesday however the relief works were re-started and my coolies fell off at once, though I was paying them higher rates than usual, viz., 3 Annas for a man, 2 Annas for a woman and 1 Anna 8 Pies for a boy.

3. The remaining two days of the week I spent in making duplicate copies of the cross section sheets, by the pricking process. I finished the pencilling of all and coloring and inking of three sheets, the Draftsman completing the other two. All the plans and estimates for the new Nakkalagundy channel will be ready for submission next week.

4. The Overseer has been busy all the week with the estimates, calculating, checking, &c.

5. The Surveyor has completed the plotting of all the Pedda Cumbum channel sections, and has been busy with the Curnams in compiling the necessary irrigation statements. It is very fortunate I put him on this duty, for the returns submitted by the Curnams were found to be very incorrect. They had omitted almost all the Inam lands which lie under the channels, and if we had trusted to their returns would not have provided sufficient water for all the cultivation.

Mr. Davidson, the new Collector, very rightly insists upon the task-work system in dealing with relief works. This order of Mr. Davidson's now gives me a better chance of completing my own works, though it all depends on the subordinates who carry it out. I think however that if my wuddahs and masons were either paid partly in grain and partly in money, or, better still, were allowed to spend a certain proportion of money paid them by me in the purchase of Government grain, I would stand a better chance of attracting labor and of completing my works quickly. The complaint is that grain cannot be purchased at reasonable rates; $2\frac{1}{2}$ measures per Rupee, or about 3 Annas a pound, is the present rate, and that a day's cooly does not suffice for the day's meals. I am afraid my own servants will go off to the relief works,

*Proceedings of the Madras Government, Public Works Department,
29th January 1877. No. 279.*

and if Government would entrust me with grain I would be able to relieve all the subordinates of the Public Works Department and also my own work-people.

6. The Draftsman is still suffering from fever. I have managed to get another man, and the present one can now leave the district. The health of the remainder of the staff has been good.

7. It is very necessary that the heads of all the tank sluices be attended to, and this year is very favorable as the water is very low, and I dare say we shall not have such another opportunity till next famine. It is of no use constructing channels and masonry works to carry a certain quantity of supply, if the sluices are allowed to discharge double that quantity. I have asked the Deputy Collector to stop second crop cultivation so as to enable me to throw my ring bunds in front of the sluices to examine them, and I have written to Mr. Farmer on the subject also. I have received no reply from the latter, nor has the second crop cultivation been in any way restricted. The head of the Chinna Cumbum sluice (No. 1) is out of the perpendicular, and all the cisterns require rebuilding, and at the rate the water went down in December I calculate that it will take two more months for the lowest sluice to be dry. On this calculation, I will not be able to commence operations till March, and I would not be surprised if the tank received a supply in April or early in May. The Nullamullay Hills, which lie close to the tank, receive rain in April while the plains are still dry. So I request Government will issue an order for me to commence the repairs to the sluices at once, irrespective of any loss of revenue from second crop cultivation, which after all cannot be very great, and small compared to the advantages that will be gained.

CAMP AT CANDLAPOOR,
10th January 1877.

(Signed) JOHN C. JOHNSTON,
Asst. Engr., on Special Duty.

SUBMITTED to Government.

(Signed) A. DEC. SCOTT, Major, R.E.,
Dy. Chief Engr. for Irrigation,
for Chief Engr. for Irrigation.

No. 576.

ORDER THEREON, 29th January 1877, No. 279.

IRRIGATION, No. 60.

THE report will be communicated to the Board of Revenue, who will call the attention of the Collector to the statements of the Public Works Officer on special duty at Cumbum regarding the effect of the relief works on the supply of labor for the regular work of the Public Works Department.

2. The question of limiting the second crop cultivation under the tank for the purpose of enabling the various existing masonry works to be repaired should also be considered by the Board in communication with the Collector. There is no information before Government regarding the probable extent this irrigation would assume if left unchecked. It is desirable certainly to make some sacrifice for the purpose of placing all the works in a satisfactory state.

*Proceedings of the Madras Government, Public Works Department,
29th January 1877. No. 279.*

3. The Assistant Engineer should prepare all the requisite materials for the repair of the sluice heads at once, so that the repairs may be carried out expeditiously; and great care must be taken to do the work in a very substantial manner, so that it may obviate the need of any further work for a great many years to come.

(True Extract.)

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

To the District Engineer, Kurnool.
" Special Officer, Cumbum.
" Chief Engineer for Irrigation.
" Revenue Department.

Exd. S. T. Austin.
Spare Copies

closing of the breach will produce something

No. 100
Report of Mr. J. C. Johnston, Assistant
Engineer on special duty, Cumbium Land
Works, for the week ended the 6th January 1871.

The pencilling, inking and coloring of
the Gindlacamma River Leasing plan
occupied me the first 4 days of the
week. I provided 5 vents to scour the
River at the level of its old bed, and
one vent at the level of the channel
which has been excavated. Mr. Goodley,
however does not approve of the plan, on
account of the lower level vent, he considers
the channel useless and has directed
me to make another plan with its 6
vents on the level of the old bed.

2. I saw Mr. D. Albright, acting
2nd Member of Board of Revenue, on
Monday evening, and he gave me
instructions to close the breach in the
Cuthwa at once. Though it is too late
now to save the Rs 20,000 which will have
to be permitted on account of failure of
crops below the Cuthwa Channel, the
closing of the breach will provide draining

water to 2 villages near the ancient
and to several lying near the Channel.
I commenced work the next morning
with about 200 coolies. As the Relief
work had been temporarily stopped,
an account of the 'Proclamation', crowds
of Coolies came for work the first day
(Tuesday). On Wednesday, however,
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my coolies fell off at once, though I was
paying them higher rates than usual.
viz 3 annas for a man, 2 annas for a
woman and 1.8 for a boy.

3. The remaining two days of the week
I spent in making duplicate copies of
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all and coloring and inking of 3 sheets,
the Draftsman completing the other
two. All the plans and estimates
for the new Nakkalagunchy Channel
will be ready for submission next week.

4. The Overseer has been busy all
the week with the estimates, calculations,
checking etc.

5. The Surveyor has completed the plotting
of all the Pedda Cumbum Channel sections
and has been busy with the Khurminis
in compiling the necessary irrigation
statements. It is very fortunate I put
him on this duty, for the returns submitted
by the Khurminis were found to be very
incorrect. They had omitted almost all
the Inam lands which lie under the
channels, and if we had trusted to their
returns would not have provided sufficient
water for all the cultivation.

5. Mr Davidson, the new collector,
very rightly insists upon the task work
system in dealing with Relief Works.
His order of Mr Davidson's now gives me
a better chance of completing my own
works, though it all depends on the labor-
ers who carry it out. I think however
that if my Muddals and Masons were
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money, or better still, were allowed to
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paid them by me in the purchase of
Government grain. I would stand a better

Chance of attracting labor and of completing my works quickly. The complaint is that grain cannot be purchased at reasonable rates, $1\frac{1}{2}$ Rs per Rupee or about 3 annas is the present rate and that a day's work does not suffice for the day's meals. I am afraid my own servants will go off to the Relief works, and if God would entrust me with grain, I would be able to relieve all the subordinates of the D. P. W. and also my own work people.

6. The Draftsman is still suffering from fever. I have managed to get another man, and the present one can now leave the district. The health of the remainder of the staff has been good.

7. It is very necessary that the head of all the Tank sluices be attended to, and this year is very favorable as the water is very low, and I dare say we shall not have such another opportunity till next famine. It is

of no use constructing channels and masonry works to carry a certain quantity of supply, if the sluices are allowed to discharge double that quantity. I have asked the Deputy Collector to stop 2nd crop cultivation so as to enable me to throw my pingleunds in front of the sluices to examine them, and I have written to Mr. Francis on the subject also. I have received no reply from the latter, nor has the 2nd crop cultivation been in any way restricted. The head of the Chinnra Cumlum sluice (No 1) is out of the perpendicular and all the cisterns require rebuilding, and at the rate, the water went down in December, I calculate that it will take 2 more months for the lowest sluice to be dry. On this calculation I will not be able to commence operations till March and I would not be surprised if the Tanks received a supply in April or early in May. The Kallamullay Hills which lie close to the Tanks, receive rain in April while the plains are still dry. So I request Government will issue an order for me

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at once, irrespective of any loss of revenue
from 2nd crop cultivation, which after
all cannot be very great and small
compared to the advantages that will
be gained.

CHIEF ENG.
15 JAN
1877.
FOR IRRIGATION
P.W.D.
15 JAN 77
No. 324

John Johnston

from
the Special
Comm.

Assistant Engineer

on special duty
Camp Bandapur
10th January 1877

dated 10th Jan.

Report on
drainage works for week
1st January 1877-

118 4

No 54.W.

Encl 1

Report of Mr. J. C. Johnston, Assistant
Engineer on special duty, Bandapur
Tank Works, for the week ended
the 6th January 1877.

Submitted to Government.

Paul Scott
Major R.E.

Dy Chief Engineer for Irrigation
In Chief Engineer for Irrigation

Field Genl
19th Jan 77

To

The Secretary to Government
Public Works Dept.

118 4

P.W.D.
1877. 22 JUN 77
No. 620

From
The Chief Eng. for Eng.

Dated 19th }
Despatch 22 } Aug. 1877

Encls.

No. 54-W.

Cumbum District Works - Kurnool
District. - Submits Special Officer's
weekly report on - for week ending
6 July 1877.

Cir 23-1-77.

E. I. Form No. 22.

No. 279.

To the Works Department.

PROCEEDINGS of the MADRAS GOVERNMENT.

UNDER date the 29th June 1877

Read the following:-

From the Chief Eng. for Eng. (H.E. No. 54 W. 7/19 Jan 77)

The report will be
communicated to the
Board of Revenue who
will call the attention
of the collector to the
statements of the P. W.
officer on special duty
at Cumbum regarding
the effect of the repairs
works on the supply of
labour for the regular
work

work of the P. W. Dept.

2. The question of limiting the 2nd crop cultivation under the Tank for the purpose of enabling the various existing masonry works to be repaired should also be considered by the Board in communication with the collector. There is no information before Government regarding the probable extent this irrigation would assume if left unchecked. It is desirable certainly to make some sacrifice for the purpose of placing all the works in a satisfactory state.

3. The Assistant Engineer should prepare all the requisite materials for the repair of the sluice heads at once, so that the repairs may be carried out expeditiously and great care must be taken to do the work in a very substantial manner, so that it may obviate the need of any further work for a great many years to come.

Ans
my

H. Kumbhar - ✓
Special Officer - Kumbhar - ✓
Chd. for Irig. ✓
Revenue Dept. ✓
Drops - 1-2-77

178
Govt. of 1877 Madras.

PUBLIC WORKS.

To

Dated

Issued

Recd.

Encl.

G. O.,

1877, No. 279

No. 54576

Cumbaram Bramachari

Memorandum — Content

Passing order on the

Special Officer's report

on the — for work ending

January 1877 —