

(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. 2854287,	144	Press Mis.
Dated	15-1-	1873.

Not to be folded or roughly handled

Read the following letters:—

No. 285. From the District Engineer, Bangalore, to the Chief Engineer, Public Works Department, dated Bangalore, 8th January 1873, No. 889.

I HAVE already reported that His Excellency the Commander-in-Chief desired me to proceed no further with the wells*
* Dhobies Wells Project. now in progress till Dr. Nicholson had made an analysis of the water obtained. I now beg to forward a copy of that Officer's report from which you will see that he speaks of the three wells at the east end as yielding a most satisfactory description of water, and that of four other wells on the western side is also good; but recommends that one, if not two, of the westernmost ones should be abandoned.

2. I have forwarded the report to the Military Authorities and requested authority to continue the work of the seven wells approved of at once.

3. The well on the extreme west I will at once have filled in. It seems doubtful whether it is necessary to fill in the second one from the west end, and I will not fill that one in till I receive instructions from you.

From Assistant Surgeon E. NICHOLSON, on special duty, to the District Engineer, Bangalore, dated Bangalore, 7th January 1873, No. 9.

I HAVE the honour to state that, in accordance with the wishes of His Excellency the Commander-in-Chief, I have examined the water of the new wells being sunk at the east corner of the Ulsoor Tank and arrive at the following conclusions:—

2. The new wells sunk at the east end of the Government ground will yield a water of most satisfactory character in every respect. It is purer than the water percolating from the Ulsoor Tank and perfectly free from objection or suspicion. I expect, moreover, that these wells will materially increase the water-supply.

3. The new wells sunk at the west end yield water filtered entirely from the Ulsoor Tank. The quality is good, but tends to deteriorate as the source extends towards the west, the yield becomes smaller, the quality tends to assimilate with that of the less pure well waters below the comparatively impermeable part of the tank bund, and the source approaches objectionably near to the place where the washermen ply their trade.

4. I should recommend that one or more of these latter wells be abandoned, certainly the westernmost well; I consider that the next well (that just below the wicket) is as far west as water should be procured by percolation from the Ulsoor Tank.

No. 286. From the District Engineer, Bangalore, to the Chief Engineer, Public Works Department, dated Bangalore, 11th January 1873, No. 896.

IN reply to your letter* regarding the new Dhobies Wells, I have the honour to forward a plan showing, first, the wells now in use; second, the nine in progress, one of which is to be abandoned; and, third, the ten which it will be necessary to excavate to complete the number sanctioned by Government.

2. As soon as I received Dr. Nicholson's analysis of the water, I wrote and requested the General Commanding to give me the necessary authority to continue the eight wells the water of which was reported to be good.

*Proceedings of the Madras Government, Public Works Department,
15th January 1873.*

3. I enclose a copy of the reply received, from which you will see that the Major-General sees no objection to our continuing the three wells to the east; but will defer giving authority for the continuation of the others till a report has been made regarding the liability of the wells at the west end to injure the tank bank. I have to-day sent in a report stating that the wells indicated will not tend to injure the tank bank, and that their sites were selected by me when the Superintending Engineer was here, and approved of by him.

4. I need scarcely say that the delay in the prosecution of the work is very inconvenient. The wells have now been stopped for eleven days, and the three wells to the east cannot be re-commenced till Monday, the 13th. Thus work will have been stopped on these wells for twelve days, and it will be four or five days more before the contractor can bale out the water which has accumulated so as to actually go on with the excavation. The other wells cannot be re-commenced till His Excellency the Commander-in-Chief has been referred to, and thus the work on that side will be still further delayed. I was in hopes of completing the whole eighteen wells before the close of this official year; but this will, I fear, be impossible, and we shall be fortunate if we can complete them before next monsoon.

5. I should be glad to commence the other ten wells at once, but shall not do so till I receive authority from you to that effect.

6. Owing to the stoppage of work on the Dhobies Wells, the expenditure on the Ulsoor Project will be still further reduced, and whereas I expected to spend the whole amount, 11,200 Rupees, before the close of the year; we shall not be able, I think, to spend half that amount. Every day is of importance* in such works as the Dhobies Wells.

*At this season.

7. If I do not receive authority to go on with the remaining ten wells at once, I shall be reluctantly compelled to give up at least half of the money allotted to the Dhobies Wells, or Rupees 5,600.

From the Assistant Quarter Master General, Mysore Division, to the District Engineer, Bangalore, dated Bangalore, 10th January 1873, No. 10.

His No. 912 of 8th instant. No report is made by the District Engineer on the subject of the wells being likely to injure the bund of the tank. On receiving a report from the District Engineer on this point, the Major General will refer the matter for the orders of His Excellency the Commander-in-Chief; meanwhile there would appear no objection to the three wells on the east side being proceeded with, on the understanding that they were not connected with the pukka wells until His Excellency's orders were obtained.

2. His Excellency was very anxious on the subject of the excavations causing present or future injury to the bund of the tank.

No. 287. ORDER THEREON, 15th January 1873, No. 144.

MILITARY WORKS, No. 5.

His Excellency the Governor in Council considers that the additional water-supply afforded by the new wells at the eastern end of the Government ground under the Ulsoor Tank, the water of

*Proceedings of the Madras Government, Public Works Department,
15th January 1873.*

which is pronounced by Dr. Nicholson to be of most satisfactory quality, will be sufficient for the object in view; and that it is not desirable needlessly to supplement that supply by water from wells acknowledged to afford water of inferior quality.

2. The District Engineer is accordingly instructed to abandon five out of the six western wells reported by him to be in progress, and to proceed only with the remaining fourteen which are shown in the sketch he has submitted.

(True Extract.)

(Signed) G. W. WALKER, Colonel, R.E.,

Secretary to Government.

To the District Engineer, Bangalore.

.. Controller of Public Works Accounts.

.. Military Department.

.. *Supdt. Engrs. for Buildings.*

Exd. E. C. Shunker,

N^o 9.

Bangalore 7 January 1873. ^{S. R. 31}
58 43

From

Assistant Surgeon E. Nicholas M.D.
on Special Duty D. P.M.

To

The District Engineer
Bangalore.

Sir,

I have the honor to state that, in accordance with the wishes of H. E. the Commander-in-Chief, I have examined the water of the new wells being sunk at the East corner of the Uloor Tank and arrive at the following conclusions.

The new wells sunk at the East end of the Government ground will yield a water of most satisfactory character in every respect. It is purer than the water percolating from the Uloor Tank and perfectly free from objection or suspicion. I expect moreover that these wells will materially increase the water supply.

supply.

The new wells sunk at the West end yield water filtered entirely from the Ulloor Tank. The quality is good but tends to deteriorate as the source extends towards the West, the yield becomes smaller, the quality tends to assimilate with that of the less pure well-waters below the comparatively impermeable part of the tank bund, and the source approaches objectionably near to the place where the washermen ply their trade.

I should recommend that one or more of these latter wells be abandoned; certainly the Westernmost well; I consider that the next well (that just below the wicket) is as far West as water should be procured by percolation from the Ulloor Tank.

I have

I have the honor to be

Yours most obed^t serv^t

(Sd) Edward Nicholson
Assistant Surgeon
on special duty R.F.M.

"True copy"

Henry Herbert Esq^r P.E.
District Engineer, Bangalore.

not two of the westernmost ones shall

I have already reported that His Excellency the Commander-in-Chief desired me to proceed no further with the wells now in progress till Dr. Nicholson had made an analysis of the water obtained. I now beg to forward a copy of that Officer's report from which you will see that he speaks of the three wells at the East end as yielding a most satisfactory description of water, and that that of 4 other wells on the Western ^{side} is also good, but recommends that one if not two of the westernmost ones should

be abandoned.

I have forwarded the report to the Military Authorities and requested authority to continue the work of the 4 wells approved of at once.

The well on the extreme west, I will at once have filled in. It seems doubtful whether it is necessary to fill in the second one from the West end, and I will not fill that one in, till I receive instructions from you.

I have the honor to be
Sir

Your Most Obedt Servt.

Herbert West Capt R.E.
District Engr Bangalore.

Bangalore 11th January 1873

1873/4
No. 889
From the Asst. D. M. General

The D. Engineer
Bangalore.

C. The Chief Engineer
D. P. W.

Dated 8th January/73
Recd 11th 21/1/73

Forwards copy of D.
Nicholson's report
on the analysis of the
New Dhoby Wells'
water, and requests
permission for filling
in the second well
from the West corner.

No 285

No 144-15 January/73.

Asst. D. M. General's Office No. 2

Bangalore 10th January 1873

139

From

The Asst. D. M. General
Mysore Division

To

The District Engineer
Bangalore

No 10

No 912 of 8th Instant

No report is made by the
District Engineer on the subject of the
wells being likely to injure the bund of
the tank. On receiving a report from
the District Engineer on this point the
Major General will refer the matter for
the orders of His Excellency the Com-
mander-in-chief meanwhile there
would appear no objection to the 3
wells on the E side being proceeded
with on the understanding that they
were not connected with the

putta wells until His Excellency's
riders were obtained.

His Excellency was very
anxious on the subject of the exca-
vations causing present or future inju-
ry to the bed of the tank.

"By Order"

[Signed] H. R. Mahamud

Aptt. 25th Mr. General M. D.

[True copy]

George West Captain R.E.

District Engineer Bangalore

P. No. 187/73

Enclosure Copy of the reply received

No. 896 District Engineer's Office
Bangalore 11 January 1873
From

The District Engineer
Bangalore

To
The Chief Engineer
Public Works Department
Machras

Sir

x N^o 6 dated 8 Jan'y / 73. In reply to your letter regarding the New Dhoby Wells, I have the honor to forward a plan shewing first the wells now in use, second the nine in progress one of which is to be abandoned, and thirdly the 10 which it will be necessary to excavate to complete the number sanctioned by Government.

As soon as I received Dr. Nicholson's analysis of the water, I wrote and requested the General Commanding to give me the necessary authority to continue the 8 wells the water of which was reported to be good.

I enclose a copy of the reply received.

from which you will see that the Major General sees no objection to our continuing the 3 wells to the East, but will defer giving authority for the continuation of the others, till a report has been made regarding the liability of the wells at the West end to injure the tank bank. I have to day sent in a report stating that the wells indicated will not tend to injure the tank bank, and that their sites were selected by me when the Sup. Engineer was here, and approved of by him.

I need scarcely say that the delay in the prosecution of the work is very inconvenient. The wells have now been stopped for 11 days, and the three wells to the East cannot be recommenced till Monday the 13. Thus work will have been stopped on these wells for 12 days, and it will be 4 or 5 days more before the Contractor can bale out the water which has accumulated so as to actually go on with the excavation.

The other wells cannot be recommenced till the Excellency the Commander in Chief has been referred to, and thus the work on that side will be still further delayed. I was in hopes of completing the whole 18 wells before the close of this Official Year - but this will I fear be impossible, and we shall be fortunate if we can complete them before next monsoon.

I should be glad to commence the other 10 wells at once but shall not do so till I receive authority from you to that effect.

Owing to the stoppage of work on the Dhoby Wells the expenditure on the Uleor Project will be still further reduced, and whereas I expected to spend the whole amount 11,200 Rupees before the close of the year. We shall not be able I think to spend half that amount. Every day is of importance in such works as the Dhoby Wells.

If I do not receive authority to go on

at this season

with the remaining 10 wells at once. I
shall be reluctantly compelled to give
to up at least half of the money allotted
to the Dhoby Wells or Rs 500.

I have the honor to be
Sir

Yours Most Obedt Servt

Henry T. Wharfe Esq. P.C.

District Engineer, Bangalore.

P.O. 1873 Departt
 From P.O. 1873
 The District Engr
 Bangalore
 To The Chief Engineer
 P. W. D.

Dated 11th } Jan 1873
 Recd 13 }
 Enc. 2
 Forwarding plan
 shewing the new and
 existing Wholey Wells
 with remarks on
 the same with refer-
 ence to Chief Engr's
 Memo No. 678 Jan 4/73.

No. 2816

No. 106-15 Jan 8/73.

P.O. D. 25
 Proceedings of the Madras Government
 No. 1146 Read the following

From The Chief Engineer Bangalore. (H. E. No. 8899 8 Jan 1/73)
 do do - (- 896 - 11 -)

His Excellency the Governor
 in Council Considers that
 the additional water supply
 afforded by the New Wells
 at ^{the} ~~under~~ the eastern end
 of the ^{Government grounds near the} ~~Alsoor~~ ^{Alsoor} ~~Bank~~
~~Bank~~, the water of which
 is pronounced by Dr. Nicholson
 to be of most satisfactory
 quality, will be sufficient
 for the object in view; and
 that it is not desirable
 needlessly to supplement
 that supply by water
 from Wells acknowledged
 to afford water of

W.C.

Ed
 H.H.

inferior quality.

The District Engineer is accordingly instructed to abandon 5 out of the 6 West. and fall in the four wells reported ~~western Wells~~, and to begin to be in position with the greys, and to proceed only with the remaining 14 which are shown in the sketch he has submitted.

G.M.

G.M.

To
The D^r Engr Bangalore
" Controller
" Miln Dept
" Engrs Engrs for B.S.
" S-Dep^t to Dist Engr Bangalore
P-C - Total 77/1/22
only 15/1/73-

Op 150 4157

Govt. of 1873 Madras.

PUBLIC WORKS.

To The District Engineer

Bangalore

Dated

Recd.

Encl.

G. O. 15 June 1873, No. 144.

No. 285 & 287

Public Works at Ban-
alore. Issuing instruc-
tions for the abandon-
ment of certain wells.