

(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.  
B.P. No.

524/525

Press  
Mis.

Dated

25 - 2 -

1876.

Not to be folded or roughly handled

*Proceedings of the Madras Government, Public Works Department,  
25th February 1876.*

Read the following papers :—

No. 483. Proceedings of the Madras Government, in the Military Department, dated 11th January 1876, No. 195.

No. 483-A. Endorsement of the Secretary to Government, in the Military Department, dated Fort St. George, 2nd February 1876, No. 579.

From the Secretary to the Chief Commissioner of Mysore, Public Works Department, to Colonel A. C. SILVER, Secretary to the Government of Madras, Military Department, dated Bangalore, 31st January 1876, No. 280.

I HAVE the honor, by desire of the Officiating Chief Commissioner, to request that this Administration may be favored with a copy of the estimate for defining and otherwise dealing with the Damaloor tank at this station, as approved of in G.O. of the 11th instant, No. 195, accompanied by such descriptive report as may show clearly the nature of the measures which it is proposed to adopt.

TRANSFERRED to the Public Works Department.

(Signed) A. C. SILVER, Colonel,  
*Secretary to Government, M.D.*

No. 484. ORDER THEREON, 25th February 1876, No. 524.

MILITARY WORKS, No. 8.

ORDERED that the approximate estimate and two plans received from the Military Department be forwarded to the Chief Commissioner of Mysore.

2. No other information has been supplied besides that recorded with the Chief Commissioner's Proceedings of 26th April and 21st July 1875.

(True Extract.)

(Signed) G. W. WALKER, Major-General, R.E.,  
*Secretary to Government.*

To the Military Department.

Edw. W. J. Lewis.

Spure Copies

PUBLIC WORKS DEPARTMENT,  
FORT ST. GEORGE, 25th February 1876.

No. 485.

No. 525.

FROM

MAJOR-GENERAL G. W. WALKER, R.E.,  
*Secretary to the Government of Madras,*  
*Public Works Department,*

TO

THE CHIEF COMMISSIONER OF MYSORE.

MILITARY WORKS, No. 8-A.

SIR,—I am directed with reference to your letter, No. 280, of 31st January, to the Secretary of the Military Department, to forward herewith approximate estimate and two plans relating to Damaloor tank, together with a copy of Proceedings of Government of Madras in the Public Works Department, No. 524, dated 25th February 1876.

I have the honor to be,

Sir,

Your most obedient servant,

(Signed) G. W. WALKER, Major-General, R.E.,  
*Secretary to Government.*

Exd. W. J. Lewis.

Spare Copies

*Proceedings of the Chief Commissioner of Mysore, General Department,  
21st July 1875.*

From the Commissioner of the Nundydroog Division, To the Offg. Secretary to the Chief Commissioner of Mysore, General Department, Genl. No. 134, dated Bangalore, 9th July 1875.

The marginally noted Officers having, as directed in para 2 of the Chief Commissioner's Order No. 653—Genl. 22, in Proceedings of the 26th April last, assembled in the vicinity of the Dumlur tank, on the morning of the 16th ultimo to take into consideration the several points noted in the above order, in connection with the proposal of the Military authorities to abolish the Dumlur tank, I have the honor to submit, as requested, for the Chief Commissioner's information, copy of a report embodying the views of the Committee on the proposal in question.

Colonel J. L. Pearse,  
Mr. L. Ricketts,  
Major Chrystie,  
Deputy Orr, C. B.,  
Major Vibart.

**REPORT ON THE DUMLUR TANK.**

I. Whether the abolition of the Dumlur tank will be effective in draining the bed which will continue to receive the surplus discharge of the Alsur tank; and, if additional works will be necessary in order to carry off such surplus, what the cost of such works may be estimated at?

I. The Members of the Committee having made a careful inspection of the Dumlur tank, and the low ground which now forms a temporary swamp at the tail of it, are of opinion that to breach the tank would not be an effective measure, unless considerable expenditure were incurred in levelling and filling inequalities in the surface of the old bed, and on draining it by longitudinal and transverse channels.

The Committee moreover consider that the loss of storage water, by the abolition of the tank, would be a very serious matter, and would cause much public inconvenience, both as regards water for cattle and the supply required for four neighbouring villages, and in the opinion of the Committee, Government, in the event of the abolition of the tank, would have to compensate for this loss, by the construction of several cattle ponds, wells, &c.

II. Whether having regard to rates of survey settlement fixed on the lands below the Dumlur tank, the holders of such lands will be entitled to compensation for any loss, present or prospective, they may sustain, and if so, to what extent approximately?

II. It is scarcely necessary to enter on the 2nd query if the opinion of the Committee is accepted, but it may be noted here, that the revenue from the land under the bund is nearly Rs. 500 annually, and the abolition of the tank would seriously diminish this amount.

The *inam* land would moreover become depreciated in value and a fair amount of compensation would have to be disbursed.

III. Extent in acres of the land to be reclaimed by the abolition of the tank; and the probable revenue to Government by leasing it permanently for cultivation?

III. The water-spread of the tank is approximately 27 acres, but it is feared that the revenue to Government from the dry bed would not be very great. There may be mud enough in the centre to give good crops for two or three years; but the slopes are poor soil and very sandy, and it is doubtful whether or not they would be applied for. Tank-beds being, as a rule, unproductive after a short time unless a considerable quantity of good binding manure is laid down.

The Chief Commissioner having in para 2 of his order requested the Committee to consider and report upon the question they wish to express a strong and unanimous opinion that the object desired by the Military authorities can be attained satisfactorily by defining, without destroying the tank, and that to abolish it is not only inadvisable, but would seriously inconvenience the whole of the inhabitants in the vicinity.

J. L. PEARSE,  
*Commissioner, Nundydroog Division.*  
L. RICKETTS,  
*Offg. Dy. Commissioner, Bangalore District.*  
W. CHRYSTIE, Major, R. E.,  
*Offg. Superintending Engineer.*

J. H. ORR, M. D.,  
*President, Municipal Commission.*  
H. M. VIBART, Major, R. E.,  
*District Engineer.*

*Proceedings of the Chief Commissioner of Mysore, General Department,  
21st July 1875.*

No. 3360—GENL. 143, DATED BANGALORE, 21ST JULY 1875.

ORDER THEREON.—The main object of the enquiry was that stated in the 1st point submitted for the opinion of the Committee, *viz.*, whether the breaching of the Damlur tank bund would have the effect of draining the bed so completely as to remove from the vicinity of the Artillery Barracks what has been frequently regarded as a source of malarious fever.

2. The Committee, though it has been unable to state even approximately the probable cost of the works necessary for draining the bed completely, has made it evident that a very large outlay would be needed to carry out this object, while the measure would entail a further loss to Government in reducing the assessment of the land below the tank, and in compensating the owners. A decided opinion is further expressed that the object sought for can be accomplished by defining the limits of the water-spread of the tank.

3. The Offg. Chief Commissioner concurs in those views, and directs that the matter be considered and disposed of in the Public Works Department.

T. CLARKE,  
*Offg. Secretary.*

To—The Commissioner, Nundydroog Division.  
„ Offg. Deputy Commissioner, Bangalore District.  
„ „ Superintending Engineer, Irrigation Dept.  
„ President, Cantonment Municipal Commission.  
„ Chief Engineer.  
„ Assistant Quarter Master General, Mysore Division.

*Proceedings of the Chief Commissioner of Mysore, General Department,  
26th April 1875.*

From the Assistant Quarter Master General, Mysore Division, To the Offg. Secretary to the Chief Commissioner of Mysore and Coorg, Bangalore, General Department, No. 698, dated Bangalore, 15th April 1875.

I have the honor, by order, to forward for the consideration of the Chief Commissioner, copies of letters as per margin, and to request to be informed whether the Chief Commissioner would have any objection to the Damlur tank being abolished, and what would be the cost of the project.

No. 474 of 15th March 1875, from the Deputy Surgeon General, B. M. S.  
No. 2143 of 2nd April 1875, from the Quarter Master General.

2. It is most necessary that steps should be taken towards improving the state of health of the neighbouring barracks, and His Excellency the Commander-in-Chief is averse to half measures which might not lead to the required result after a large expenditure of money.

3. The District Engineer is of opinion that if the Damlur tank were abolished, the escape channel from the Alsur tank properly defined to beyond the present bank of the Damlur tank, and any deep holes filled up, there would be no marsh near the Alsur barracks.

From the Deputy Surgeon General, B. M. S., Mysore Circle, To the Assistant Quarter Master General, Mysore Division, No. 474, dated Bangalore, 15th March 1875.

I have the honor to request that you will bring to the notice of the Major General that, from the 1st of January to the 25th February last, 27 cases of malarial fever have been admitted into hospital at this station in the following proportion. In 18th Hussars 4 cases, C. 9th, and D. 20th Royal Artillery 3 each, and in the C-C. Royal Horse Artillery 17.

These cases of malarious fever are the result of marsh miasma, and in seeking for its origin there can be little doubt that it is derived from the vicinity of the Damlur tank.

Malarious fever has been rather more prevalent this year than in previous years, latterly due, I imagine, to the heavy rain-fall last year, which probably extended the area of marsh land which is now drying up.

I would beg especial attention to the fact that of the 27 cases, 17 have occurred in the C-C. Royal Horse Artillery, whose barracks are much the nearest, in fact quite close to the tail of the Damlur tank, and I would further observe that this Battery is only two years in India and has never been at any other station.

I believe Bangalore would be remarkably free from sources of malaria if the Damlur tank did not exist.

I call attention to these particulars with a hope that some measures may be adopted either to drain the tail of the Damlur tank or to provide some other plan by which the source of the malaria derived from the vicinity of this tank may be got rid of.

It is impossible for me to say how many of these men may have their constitutions permanently impregnated with malaria, but such a source of disease so close to the Horse Artillery Barracks is an unquestionable evil.

From the Quarter Master General, Fort Saint George, To the Officer Commanding Mysore Division, No. 2148, dated 2nd April 1875.

I have the honor to acknowledge your letters as per margin, transmitting copy of a letter from the Deputy Surgeon General, British Medical Service, having reference to the swampy ground near the tail of the Damlur tank whence the malarious fever emanates, from which the Troops in the neighbourhood, and particularly the Horse Artillery, have lately been suffering.

No. 108, 25th March 1875.  
„ 111, 25th „ „

2. From Dr. Alussy's letter it appears there have been 27 cases of malarial fever among the Troops during the first two months of this year, and that 17 of that number have occurred among the Royal Horse Artillery whose barracks are the nearest to the tank.

*Proceedings of the Chief Commissioner of Mysore, General Department,  
26th April 1875.*

3. Dr. Massy further records his opinion that there can be little doubt the disease is derived from the vicinity of this tank, and that Bangalore would be remarkably free from sources of malaria if the tank did not exist.

4. With this opinion pointing directly to the marshy ground near the tail of the tank as the source of disease to the Troops, the Commander-in-Chief fully agrees with you that action should be taken in the matter without delay; but His Excellency is not prepared to support any palliative measure which, if carried out, as proposed by the District Engineer, at an approximate cost of Rupees 20,000, may or may not end in beneficial results. His Excellency would rather advocate the entire abolition of the tank, and with this object in view, I am directed to request that you will be so good as to place yourself in communication with the civil authorities at Bangalore. Before doing so, however, it is necessary the question should be definitely determined that such a step would entirely do away with the marshy ground referred to.

5. The District Engineer's plan is herewith returned.

6. The Commander-in-Chief would be glad to hear from you again on this subject at an early date.

No. 653—GENL. 22, DATED BANGALORE, 26TH APRIL 1875.

ORDER THEREON.—It appears from the above, that 27 cases of malarial fever have occurred in this station between 1st January and 25th February last, of which 17 cases have arisen in the Royal Horse Artillery, whose barracks are situated in the vicinity of the tail of the Damalur tank, and that the Dy. Surgeon General, British Medical Service, ascribes the fever as having its origin in the marshy ground left by the subsidence of the tank water.

2. As the only measure that will effectually remove a fertile source of disease, the Military authorities have asked that the project of letting out the water of the Damalur tank may be taken into consideration, and in compliance with this request, the Offg. Chief Commissioner directs that the subject be considered and reported upon by a Committee composed as follows:—

The Commissioner of the Nundydroog Division.

" Dy. Commissioner of Bangalore District.

" Superintending Engineer of Irrigation Department.

" President, Cantonment Municipal Commission.

" District Engineer, Bangalore, with the sanction of the Officer Commanding the Station.

3. The following are the principal points to which the investigation of the Committee will be directed, (1) whether the abolition of the Damalur tank will be effective in draining the bed which will continue to receive the surplus discharge of the Alsur tank, and if additional works will be necessary in order to carry off such surplus, what the cost of such works may be estimated at; (2) whether, having regard to the rates of survey settlement fixed on the lands below the Damalur tank, the holders of such lands will be entitled to compensation for any loss present or prospective they may sustain, and if so, to what extent approximately; and (3) the extent in acres of the land to be reclaimed by the abolition of the tank, and the probable revenue to Government by leasing it permanently for cultivation.

T. CLARKE,  
Offg. Secretary.

To—The Offg. Commissioner, Nundydroog Division.  
" The Offg. Dy. Commissioner, Bangalore District.  
" The Superintending Engineer, Irrigation Department.  
" The President, Cantonment Municipal Commission.

280  
The Secretary to Government  
of Mysore  
Military Department.  
I have the honor by desire of  
the officiating Chief Commissioner  
to request that this administration  
may be favored with a copy of the  
Estimate for defining and otherwise  
dealing with the Damalur Tank at  
Bangalore, as approved of in G. O. of the  
11th instant of 1875, accompanied by such  
descriptive report as may show clearly  
the nature of the measures which it is  
proposed to adopt.  
I have the honor to be  
Sir  
Your most obedt. servant  
Charles D. Brookes  
Bangalore  
27th January  
1875  
In secret to the Chief Commr.  
of Mysore & B. M.

Mr. [unclear] E. R. Department

Proceedings of the  
 Madras Government  
 under letter 25th May 1860

Edw. H. Manning

Proc. Milit. Rept. 1862 (N. 10, 11, 12, 13, 14, 15, 16)  
Endorsement of the Military Department } 579 2<sup>d</sup> Feb 1862

Ordered that the  
approximate estimate  
and two plans received  
from the Building  
Department be  
forwarded to the  
Chief Commissioner  
of Dry Dock.  
No other information  
has been supplied  
besides that recorded  
with the Chief Com-  
missioner's Proceedings

293  
 R. 5. May 1966 175-177  
 v. Military Reports

1899. transformed  
to the Public Works  
Department.

Wilmington  
Secretary to Court  
March 11<sup>th</sup> 1896  
20 days 1896

Dear Mr. 1896  
 The Secretary of the  
 Chicago Convention

of England  
P. M. S.  
Take!  
We have brought to  
Cambridge out of  
Massachusetts  
And is not for

of 1792. *Green* 1796  
H. 22. 2706  
No. 22. 2706  
Rejoice to have  
a copy of the Estimate  
for defining the manner  
of dealing with the  
Carnalities found at  
the Station.

Therefore

of 20 April and 21 July  
1875.

(H.L. 20520d (25th July 1875))

To the Chief Commissioner  
of Mysore  
I am directed with reference to your  
letter No 280 of 31st January the  
Secretary of the Military Department  
to forward, herewith,  
a preliminary estimate  
and two plans, relating  
to Dams Lake Tank,  
together with a copy  
of Proceedings of  
Government of Mysore  
in the Public Works  
Department No  
dated 1876.

*AMW*

4830 485

2 Plans & one Estimate  
& 650 of Previous No.  
& 650 of Letter

Despd. 9.3.76

Despd. 9.3.76

Military Dept. to  
Chief Commr. Mysore with  
plans and estimate

of L<sup>o</sup> & P<sup>o</sup> and L<sup>o</sup> & P<sup>o</sup>

832/272

\_\_\_\_\_

Mally Sept.  
 Ch: Com no. Mylon

2594/1000 1786  
505

483 @ 1/5

Amalove Lank, Kautia  
Ordered that the persons  
detained at two places con-  
tinue with the prisoners  
under the Chief  
Commissioner, Lyone.