

(1) Number of pages 8(2) Date of repair 2-12-12

(3) Initials of the Referencer _____

MADRAS RECORD OFFICE.

Government of Madras.

Public Works DEPARTMENT.

G.O. No. 2257

152-154

Press

Mis.

Dated

5-8-

1865.

Not to be folded or roughly handled

*Proceedings of the Madras Government, Public Works Department,
5th August 1865.*

Read the following papers :—

No. 152. From Lieutenant-Colonel F. J. MOBERLY, R. E., Superintending Engineer, 8th Division, to Colonel C. A. ORR, R. E., Secretary to Government, Department Public Works, dated Palamcottah, 14th July 1865, No. 572.

SIR,

1. Referring to G. O. No. 1,431, 27th May, and in continuation of my No. 409 of 23rd ultimo, I have the honor to report that the swamps at Mutturagunadapatam and Narriapur are extensive, and about on a level with the sea.

2. They cannot retain water for more than one and a half to two months, and we cannot procure a fresh supply; they are situated at the end of a great breadth of loose sand, which is blown into and through it by the strong winds now prevailing, and which would blow out every drop of water that could enter it even if we had rain, which is not likely at this time of the year. I regret that I cannot offer any solution of the difficulty of getting rid of the salt.

1. This report, not being to the point, is returned to the Superintending Engineer of the 8th Division.

2. Colonel Moberly will state distinctly whether, by the construction of embankments at a moderate expense, the sea can be excluded from the swamps and fresh water only retained, thereby preventing the deposition of salt in the swamps.

FORT SAINT GEORGE, (Signed) CHARLES A. ORR, Colonel, R. E.,
19th July 1865. Secretary to Government, P. W. D.

No. 153. From Lieutenant-Colonel F. J. MOBERLY, R. E., Superintending Engineer, 8th Division, to Colonel C. A. ORR, R. E., Secretary to Government, Department Public Works, dated Courtallam, 25th July 1865, No. 653.

SIR,

1. Referring to G. O. No. 1,431, 27th May, and your Memorandum on my No. 572, returned and cancelled, I have

Enclosure 1.

the honor to report that the swamps at Mutturagunadapatam and Narriapur are salt in themselves. The salt is not produced by sea water lying in them, but appears on the evaporation of the small quantity of fresh water which does not escape in the monsoon freshes.

2. To retain all the fresh water necessary to cover evaporation, we should have to prevent any flow of water into the sea. I doubt the possibility of doing this efficiently, and we should certainly inundate the salt pans themselves and destroy the brine pits from which they procure their supply.

3. If we could keep up a small but continuous stream we might prevent the salt forming; under the circumstances existing I believe the proposal to be quite impracticable.

Proceedings of the Madras Government, Public Works Department,
5th August 1865.

No. 154.

ORDER THEREON, 5th August 1865, No. 2,259.

CIVIL WORKS, No. 19.

Communicated to the Revenue Department, with reference to the orders in that Department No. 1,024, dated 16th May 1865.

(True Extract.)

(Signed) CHARLES A. ORR, Colonel, R. E.,
Secretary to Government.

To the Revenue Department.
Superintending Engineer, 8th Division.

Ed. S. T. Augustin.

N^o 572 Sup^r Engineering Office 8th Divⁿ
Palamcottah 14th July 1865

From, Lieut Colonel F. J. Moberly R.E.
Superintending Engineer 8th Divⁿ
To, Colonel C. A. Orr R.E.
Secretary to Government
D.F. 11.

Sir, Referring to G.O. 1431.27th May
and in continuation of my N^o 409 off
23 ultimo, I have the honor to report that the
swamps at Muthuragunadapattam and
Tarrapattam are extensive, and about on
a level with the sea.

2. They cannot retain water for more
than 1 1/2 to 2 months, and we cannot procure
a fresh supply. They are situated at the end
of a great breadth of loose sand; which is
blown into sand through it, by the strong winds
now prevailing, and which would blow out
every drop of water that could enter it even
if we had rain; which is not likely at this
time of the year. I regret that I cannot
offer any solution of the difficulty of getting
rid of the salt.

Yours &c

F. Moberly Lieut Colonel
Superintending Engineer 8th Divⁿ

N^o 653.

Sup^t Engineer's Office 82^d
Lowell Mass 25th July 1865

From, Lieut. Daniel C. Moberly A. C.
Superintending Engineer 82^d

Col. Charles A. Orr R.C.
Secretary to Government.
D.P.W.

Sir, Referring to G. O. N^o. 131. 27th May,
and your memo: Jan^y. N^o. 572 returned
I cancelled. Thence the honor to report that
the swamps, at Maturagunadapitau
and Tarricait, are salt in themselves.
The salt is not produced by sea water —
lying in them; but appears, on the evaporation
of the small quantity of fresh water which
does not escape in the man-o-war freshes.

2 To retrieve all the fresh water necessary to counter evaporation we should have to prevent any flow of water into the sea. I doubt the possibility of doing this efficiently, and we should certainly inundate the salt pans themselves and destroy the brine pits from which they procure their supply.

3. If we could keep up a small but continuous stream we might prevent the salt forming - under the circumstances existing I believe the proposal to be quite impracticable.

H. George Jr.
Superintending Eng & Dr.

Encl 0.1

Sept 1865
Edward Gordon
~~of~~
Franklin N. H.
No. 2665
Capt. Ingraham
of
Princeton

Dear Sir,
 I have the honor to acknowledge the receipt of your letter of the 10th inst. and in reply to inform you that the same has been forwarded to the proper authorities for their consideration. I am, Sir, very respectfully,
 Yours, Sir, very obediently,
 J. H. [Signature]

24th }
 19th } July 1865.

99/6-87-111

Departure, sentence
and words with reference
to G. D. 1401. 27th May

1805.

210,2259-5m, adu 1/63

With an order

This report, not being of the Grant, is returned to the Superintendenting Engineer of the S. D. -

Federal Proctors will
 state distinctly whether, by the
 construction of such an instrument,
 at a moderate expense, the
 sea can be excluded from the
 drainage and fresh water
 only retained, thereby preventing
 the deposition of silt in the
 drainage.

[illegible]

8/1/53.

102259-5m.edu 8/1/65

Reports on the Madras
Mangrove salt pans
in the Madras
District

31

Received July 1865

Of the Chief Secy to Government

102259-5m.edu 8/1/65
102259-5m.edu 8/1/65
102259-5m.edu 8/1/65
102259-5m.edu 8/1/65

Public Works Dept

No 2259

Proceedings of the Madras Government

Under date the 5th August 1865.

Read the following

From the Supy Engr of the 8th Div.

Report on certain salt works
with reference to P.O. with reference to No 14 July 1865
to P.O. No 1421-27 May 1865.

From the Supy Engr of the 8th Div.

Report on the Mutunagoo-
madapatam and Marriapur
salt pans in the Madras
District. No 25 July 1865
(10653)

Communicated
to the Rev Dept,
with reference to
the orders in that
Dept No 1024, 7 16
Aug 1865

[Signature]

2/ To Rev Dept
To SE & Div

Sept 7th August

37
3

