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TAMIL NADU ARCHIVES

GOVERNMENT OF TAMIL NADU

Revenue DEPARTMENT

G.O. No.	6408	Press.
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Dated	23. 11. 1877	197 .

Not to be folded or roughly handled.

6608
GOVERNMENT OF MADRAS.

PUBLIC WORKS DEPARTMENT.

13th November 1877, No. 482 I.

Irrigation.

Account.

Read the following papers:—

No. 38.

N.

THE revised notice of closure of canals at the commencement of next year may be Government.

2. It appearing to be useless to re the Mundapett, Coringa, and Injeram Canals while the Main Canal, Eastern Delta, closed, the dates of closure and re-open- ing of the former have been slightly modi

3. Originally it was not intended to the Main Canal, Eastern Delta, at all, but it has been found that clearances in the 1 and 3rd miles are required to render the canal efficient for the irrigation of 18'. A month's closure has, therefore, been arranged for.

4. The annual clearances of the Main Canal, Central Delta, are always heavy, and will continue to be so until the completion estimates are carried out and the water-supply can be economized.

5. The closure of the Western Delta, Main Canal, for three months is unavoidable. There has been difficulty for some time past in properly supplying this delta, in a great measure because the shoals above the anicut on this side have increased and obstructed the flow of water, but also because the increase of irrigation has rendered the canal unable to carry the required quantity. The area of irrigation will probably this year reach the ultimate area for which the canals were designed, and there is a probability of this area being ere long exceeded.

6. The lower 11 miles of the Ellore Canal will require to be closed for four months to allow of the work under the revised estimate recently sanctioned being completed. The canal is incapable of properly supplying the irrigation under it, and the quantity of work to be done is considerable.

7. The canals generally were kept open in 1877 for much longer than was intended, and the clearances are consequently proportionately heavier.

FORT ST. GEORGE,
1st October 1877.

(Signed)

JOHN MULLINS, Colonel R.E.,
Chief Engineer for Irrigation.

To the Joint Secretary to Government, Public Works Department, Irrigation Branch.

No. 213 I.

MEMORANDUM.

No. 38-A.

IN the remarks made on the paper No. 204 I, of the 1st instant—

1st.—Objection is taken to the closure of the Main Canal, Western Delta, for three months, from the 15th January 1878, similar closure of the Ellore Canal for an

2ndly.—The closure of the Main Canal for the periods proposed in the

5. Ell
ted with this office endorsement, with the
e Main Canal, Western Delta, for the it to be completed, and to the with the a similar purpose.
the month and of the Minor Canals it is observed that it deserves

particular work would undoubtedly tend to raise the rates generally. Were it merely a question of a few hundred Rupees there need be no hesitation, but the introduction of a system of attracting labor by the offer of higher rates when it is desired to expedite the completion of ordinary work would be an innovation having an important effect on the cost of works generally. However, the Range Officer may be trusted to do his best in the matter, and the Superintending Engineer may be authorized to increase the rate to be allowed and to complete the work as rapidly as possible should any difficulty in obtaining labor be experienced. If the rate be lower than it should be, considering lift and lead, of course its increase may be only equitable, and in that case an increase in the first should be allowed so as to save valuable time. It is thought nevertheless that to avoid risk of failure the period of closure had better not be reduced to less than two and a half months.

2nd November 1877.

JOHN MULLINS, Colonel, R.E.,
Chief Engineer for Irrigation.

From Major J. BEATTY, R.E., Officer
the Chief Engineer for Irrigation
No. 2,009.

In furnishing you with a revised notice to inform you that since forwarding that the Main Duct of the Eastern Delta, miles, and as this would interfere with efficient navigation, it is proposed the Collector has agreed to, and he also best time for the closure.

Superintending Engineer, Godavery District, to
Camp Dowlaishweram, 19th September 1877.

closure of canals for 1878, I have the honor to inform you that since forwarding notice of closure it has been ascertained that a good deal silted up in the 2nd and 3rd discharge in next irrigation season as well as closure of one month for its clearance; this I have that the month of March will be the

GODAVERI DISTRICT.

Revised Notice of the Closure of certain Canals in the Godavery Delta in 1878.

Canals:	Date of		Explanation of Necessity for the Closure.
	Closure.	Re-opening.	
<i>Eastern Delta.</i>			
Main Canal	*From 12 o'clock noon on 1st March 1878.	To 6 p.m. on 1st April 1878.	For clearing silt from the 2nd and 3rd miles of the Main Duct.
Cocanada Canal	Do. do. .. .	Do. do. .. .	} For clearing lock channels and repairing masonry works.
Samulcotta canal	Do. do. .. .	Do. do. .. .	
Bank do.	Do. do. .. .	Do. do. .. .	} For clearing lock channels.
Mundapett do.	15th January 1878.	31st March 1878.	
Coringa do.	Do. do. .. .	Do. do. .. .	} For clearances, repairs to masonry works, and raising banks where necessary.
Injeram do.	Do. do. .. .	Do. do. .. .	
<i>Central Delta.</i>			
Main Canal	* From 12 o'clock noon on 15th April 1878.	To 6 p.m. on 15th May 1878.	For annual clearances to canal and to lock channels, &c.
<i>Western Delta.</i>			
Main Canal	*From 12 o'clock noon on 15th January 1878.	To 6 p.m. on 31st March 1878.	Completing the Main Duct to full section.
<i>Ellore Canal.</i>			
(Below Bhimadole)	*Do. do. .. .	1st May 1878.	For repairs and improvements to put it in thorough order.
<i>Nursapur Canal.</i>			
(Below Marter)	Do. do. .. .	June 1878.	While the new lock at Marter is under construction.

N. B.—The hours of closure here show all boats must clear out of the canals, and through the head locks after the hours above. Water will be passed over Marter W.

for closing the head locks; before the hours mentioned boats will be strictly prohibited from passing any boat for drinking purposes on 16th April.

No. 39.

ORDER

The canal closures in

November 1877, No. 482 I.

1878 submitted for sanction by the the alterations being the closure

of the Mundapett Canal from the 1st from the 1st January to the 15th March the Main Canal, Western Delta, from

2. The remarks as to rates memorandum by the Chief Engineer's attention, and should be shortened as much as possible the present case and generally.

3. The question of so duplicating weveram to the end of the Samulcotta and kept open, should at once be considered

4. In G.O., No. 2,577, of the 27th neers, Godavery and Kistna, were in Engineer for Irrigation what measure success for keeping open the Cocan unless in very exceptional seasons, or of receiving as soon as possible a communication.

5. It appears to be desirable for necessity for entirely unwatering the canal when the work to be done is local and near the canal where such work has to be done attention of the Superintending Engineer

ry to the 31st March 1878 instead of the reduction of the period of closure of two and a half months.

ter part of the postscript to the later tion should receive the Superintending n. Every endeavor should be made to closure of main lines of traffic in the

in the Eastern Delta from Dowlaishweram, that one line may always be kept open of a second canal ascertained.

1876, the Superintending Engineer in consultation with the Chief Engineer for Irrigation what measure be adopted with a probability of and Commamor Canals all the year, as the Governor in Council is desirous of showing what can be done in this

take into consideration how far the clearances or constructive work can, be obviated by isolating the part of the subject is commended to the

(True copy.)

Major, R.E.,
Under Secy. to Govt., P.W.D.,
Irrigation Branch.

To the District Engineer, Godavery.
Kistna.
" Chief Engineer for Irrigation.
" Revenue Department.

Exd. D. Ryan.

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2nd November 1877.

From Major J. BEATTY, R.E., Officer
the Chief Engineer for Irrigation
No. 2,009.

In furnishing you with a revised notice to inform you that since forwarding that the Main Duct of the Eastern Delta, miles, and as this would interfere with efficient navigation, it is proposed the Collector has agreed to, and he also best time for the closure.

JOHN MULLINS, Colonel, R.E.,
Chief Engineer for Irrigation.

Superintending Engineer, Godavery District, to
Camp Dowlaishweram, 19th September 1877,

closure of canals for 1878, I have the honor to inform you that since forwarding a notice of closure it has been ascertained that a good deal silted up in the 2nd and 3rd miles, and as this would interfere with efficient navigation, it is proposed to discharge in next irrigation season as well as to close for one month for its clearance; this I have the honor to inform you that the month of March will be the best time for the closure.

GODAVERI DISTRICT.

Revised Notice of the Closure of certain Canals in the Godavery Delta in 1878.

Canals.	Days of		Explanation of Necessity for the Closure.
	Closure.	Re-opening.	
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Samuleotta canal	Do. do. ..	Do. do. ..	
Rank	Do. do. ..	Do. do. ..	
Mundapett do. ..	15th January 1878	31st March 1878	} For clearing lock channels.
Coringa do. ..	Do. do. ..	Do. do. ..	} For clearances, repairs to masonry works, and raising banks where necessary.
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No. 39. ORDER
The canal closures for 1878 submitted for sanction by the Superintending Engineer

13th November 1877, No. 482 I.

1878 submitted for sanction by the Superintending Engineer, the alterations being the closure

of the Mundapett Canal from the 1st January to the 15th March 1878, from the 1st January to the 15th March 1878, from the Main Canal, Western Delta, from

2. The remarks as to rates of the Mundapett Canal from the 1st January to the 15th March 1878, from the Main Canal, Western Delta, from

3. The question of so duplicating the Mundapett Canal from the 1st January to the 15th March 1878, from the Main Canal, Western Delta, from

4. In G.O., No. 2,577, of the 27th November 1876, the Superintending Engineer, Godavery and Kistna, were in consultation with the Chief Engineer for Irrigation what measures should be adopted with a probability of success for keeping open the Cocanada Canal unless in very exceptional seasons, and of receiving as soon as possible a communication from the Governor in Council is desirous of knowing what can be done in this direction.

5. It appears to be desirable for the necessity for entirely unwatering the canal when the work to be done is local and not of the canal where such work has to be done, attention of the Superintending Engineer

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(True fact.)

Major, R.E.,
Under Secy. to Govt., P.W.D.,
Irrigation Branch.

To the District Engineer, Godavery.
" Chief Engineer for Irrigation.
" Revenue Department.

Exd. D. Ryan.

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Revenue Department

N° 4886

IRRIGATION.
ACCOUNT.

Govt. of 1877 Madras
PUBLIC WORKS.

To

THE DISTRICT ENGINEER.

GODAVERY.

&c. &c. &c.

Dated November 13th.

Issued

Recd. 22 November Encl.

G. O., 13th November 1877, No. 482 I.

NOVEMBER.

Nos. 38-39.

6408

22 11 1877

The Canal Closures in the Godavery Delta
for 1878 sanctioned and revised with

22 11 1877