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MADRAS RECORD OFFICE

GOVERNMENT OF MADRAS

Revenue DEPARTMENT

G.O. No. / B.P. No.	4596	Press / Mis.
Dated	3-7-1876	196

Not to be folded or roughly handled

No. 468. Read the follwing let el W. T. F. FAREWELL, Deputy Chief Engineer, to Major W. WALKER, R.E., Secretary to Government, Public Work t, dated Fort St. George, 17th June 1876 :—

With reference to G.O., No. 1 th May 1876, I have the honor to report that on the 14th instant I m ntending Engineer of Chingleput and the Sero dur Range Offi er at Ell th them inspected the Bar.

2. Of the work ppo d to b by the Public Works Department beyond two mounds of sa with e etween them, nothing remains to be seen; but of the good re accr work there can be no doubt. The volume of water admitted th ough th ile it was kept open must have been considerable, as the fresh water in estuary has been either entirely displaced by the sea-water, or so tho pregnated with salt as to admit of the usual manufacture of this produce, wi the Bar was opened, has been as fruitful as heretofore, while now the den e water is said to be so great that it yields more brine per cubic foot lifted evaporating pans than usual; thus, so far as the manufacture of salt is conc hing further is required to be done at present.

3. In regard to the navigation, rning from Ennore I very carefully inspected the whole of the canal to the aking upwards of 100 soundings per mile north of the Cheddincooppoom water was quite sufficient to allow of boats carrying about $\frac{2}{3}$rds of their ; while south of it, half loads can certainly be carried. The state of th nerally shows that great attention has been paid to it; its bed is remarkably ave never seen it in better condition. There are a few localities in which, to xtent, silt appears to have collected, to which I have directed the attention erintending Engineer, who, no doubt, will have them looked to. In additi very exceptional season during the past year, the deficiency of water in th nth of the Lock may also be attributed to its connection with the Cooum ng been entirely cut off by the dam at the hospital bridge. As soon as this noved, the navigation will be as good as can possibly be expected, and theref rs unnecessary to re-open the Ennore Bar on this account. The construction n across the canal at Calinja would, in addition to stopping navigation altogeff all chances of any accession of sea-water that might reach the Ennore est the Pulicat Bar.

4. The Salt Department, with t of preventing inundation of the pans, &c., &c., in case of heavy floods, conti ake a shallow cutting to the sea at the same point as that made by the Public Department; and the Deputy Collector of the Salt Department told me that es for a day or two he admitted the sea in the backwater, but from what gather the amount admitted must be very insignificant. The expenditure, ho only from 15 to 18 Rupees per diem, and it is a good thing that the safety vald not be neglected.

5. Though the Superintending E has submitted no information, as directed by Government, through me, yet sition as Under-Secretary to Government in the Public Works Department I, read, and forwarded the same day e Secretary to Government a letter*

* No. 827, dated 8th and 10th June 187 om the Superintending Engineer, Chingleput. In this letter, as he perso ted me, the Superintending Engineer

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notes his inability to supply data u[illegible] estimate may be framed on future occasions. It certainly is impossi[illegible] visiting the site of the Bar on a clear, calm morning, with no wind[illegible]rf, to form any conception of the difficulties of carrying out a work l[illegible]d under the Superintending Engineer's orders in the midst of incessa[illegible]eavy seas and surf, and great heat. At the same time, while giving ev[illegible]ed the greatest credit for the zeal, energy, and determination, which, i[illegible] difficulties, resulted in successfully accomplishing what was required, I m[illegible] am at a loss to understand how the experience gained at the work is d[illegible]ent to admit of data being framed therefrom for future guidance. Un[illegible]stance, the amount of actual excavation in the cutting, its cost, the [illegible]l-bag dam and groyne, and that of actually admitting the sea, must be [illegible]e subsequent work, *i.e.*, of keeping the cutting open, the account of th[illegible]olies employed, and the number of days it was kept open, must also have [illegible]; and with this information I should think some data may be arrived at. [illegible]erefore, requested the Superintending Engineer to afford me information on th[illegible] and also to supply me with a section and sketch-plan of the cutting, &c., [illegible]wing the positions of sand-bag dam, groyne, &c. The survey of the Bar and[illegible]r in its vicinity has been commenced; when this is completed and the informa[illegible]ht has been supplied by the Superintending Engineer, I will submit the sa[illegible]rnment with such further remarks as I may be able to offer on the subje[illegible]

No. 469. ORDER THEREON[illegible]e 1876, No. 1,572.

CIVIL WORKS, No. 56.

COMMUNICATED to the Revenue [illegible]artment with a view to its being [illegible]nctly settled whether it is really desirable that further attempts to ke[illegible]Bar should be made in the interest of the salt manufacture. It is remark[illegible]eir Proceedings of the 19th February, recorded with G.O., No. 691, of 17[illegible]e Board of Revenue only asked that the opening might last for three mon[illegible]oposal to bund across the canal made in Proceedings recorded with G.O., No. 4th May, was evidently injudicious.

2. The detailed report of expencurred by the Public Works officers in opening and keeping open the Bay called for in paragraph 1 of G.O., No. 1,106, of 4th May, must be supplie[illegible] Superintending Engineer.

(T[illegible])

[illegible] Colonel,
[illegible]. Under Secy. to Govt., P.W.D.

To the Revenue Department.
,, Superintending Engineer, Chingleput.

Exd. F. R. Bantleman.

20 Spare Copies

No 2724.
Revenue 1876 Department

Govt. of [1876] Madras.

PUBLIC WORKS.

To

THE REVENUE DEPARTMENT.

&c., &c., &c.

Dated June 23rd.

Issued.

Rcd. 5 July

Encl.

G. O., 23rd June 1876, No. 1,572.

JUNE.

Nos. 468-469.

Evanore Bar, Chingleput District—Passing orders on the Inspection Report of the Officiating Deputy Chief Engineer, 23rd—

No 1576
communicated to the Board of
Land Revenue.
5 July 1876