M.R.O. 14—13,000—27-9-24.

MADRAS RECORD OFFICE.

Government of Madras.

Revenue **DEPARTMENT.**

G.O. No. 16	Press ~~Mis.~~
30-31	
Dated 7-1-1863	

Not to be folded or roughly handled

Proceedings of the Madras Government, Revenue Department, 7th January 1863.

No. 30. Read the following Proceedings of the Board of Revenue, dated 18th December 1862 :—

Read again letter from the Collector of Nellore, dated 22nd November 1862, No. 294.

(In Cons. 27th November 1862, No. 7,536.)

Read also the following from the Deputy Chief Engineer, dated 4th December 1862, No. 487.

(In Cons. 4th December 1862, No. 7,718.)

1. Ordered that the above papers be submitted to Government, with reference to the Board's Proceedings noted in the margin, and with the Board's recommendation that Mr. Dykes be authorized to carry out the proposed work at a cost not to exceed without further sanction the amount of Rupees 2,000 provided in his Budget for the current year for the purpose of utilizing the spontaneous Salt the formation of which it is now proposed to prevent.

Proceedings dated 5th June 1862, No. 3,586.
(Including) Proceedings dated 12th May 1862.
Do. dated 1st August 1862, No. 5,009.

Board's Proceedings dated 10th April 1862, No. 2,372.

2. The details of the plan being already before Government in the papers above quoted it is unnecessary to repeat them here.

3. If successful, it does not admit of question that it must be highly remunerative to Government in removing enormous facilities for the illicit use of the Salt which it is found cannot be collected economically on behalf of Government.

4. Mr. Dykes considers it essential to the success of his experiment that the islands in the Pulicat lake and the greater portion of the Sriharicotta island lying between the lake or back water and the sea should be transferred to his jurisdiction, and the Board concur with him in this opinion. The arrangement will involve no additional expense for establishment.

5. The objection raised by Mr. Cunliffe in his letter already before Government do not appear to the Board of any real weight. The change will in no way interfere with the renting of the jungles. The Yanadis' interests will in no way be affected injuriously, while the facilities for supervising them will be increased from the more close neighborhood of the Nellore Deputy Collector in charge of the Zemindaries and residing at Naijoodoopett adjoining the lake. The Coramandel end of the strip would remain attached to Madras.

See Board's Proceedings dated 12th May 1862

6. The Salt Pans of Poongalum and Soonnapagoontah to which lie south-west of the tract proposed to be transferred have already been transferred to Nellore from Madras.

7. The map included in Mr. Dykes' present letter is not quite correct, as the Nellore District laps further round the south end of the lake than is therein shown. This has been corrected in blue pencil, and dotted line shows approximately the boundary line which would suffice for the present purpose and which the Board recommend to be adopted with due regard to the village boundaries which will be ascertained from the Collector of Madras for publication in the Gazette, and should Government be pleased to sanction the arrangement.

8. It is essential that the villagers who will be employed on the work of constructing and maintaining the bund, and who are naturally much interested in maintaining the existing opportunities of obtaining Salt illicitly should be under the control of the Officer who is engaged in carrying out the experiment.

9. The Board resolve to request early orders on the subject, as some little time will be necessary for the preliminary arrangements, and the opportunity for carrying out the work in the present year will occur about the end of January or beginning of February.

(A true Extract.)

(Signed.) W. HUDLESTON, *Secretary.*

No. 31. ORDER THEREON, 7th January 1863, No. 16.

The construction of the bund and transfer of villages are sanctioned as proposed by the Board.

(Signed.) J. D. SIM,
Secretary to Government.

No. 7,852.

PROCEEDINGS OF THE BOARD OF REVENUE, dated 28th November 1862.

Read the following letter from J. W. B. DYKES, Esq, Collector of Nellore, to W. HUDLESTON, Esq., Secretary to the Board of Revenue, dated 22nd November 1862, No. 294 :—

1. On the 11th of April last I requested permission to call on the District Engineer for a rough Plan and Estimate for throwing up a bank across the upper portion of the Pulicat lake, to prevent the formation there, in the hot weather, of spontaneous salt.

2. In their Proceedings of the 1st August, No. 5,009, the Board requested Colonel Ludlow to issue instructions "as he proposes" for the preparation of the necessary Estimates for carrying out the work in "a complete and efficient manner."

3. Subsequently no tidings have reached this Office of what is being done; whilst the bank should be begun in another six weeks to be of any use.

4. And, under these circumstances, I do myself the honor to request, that the Board will be pleased to ascertain from the Deputy Chief Engineer, whether the Estimate called for has been prepared, and the necessary arrangements made for the work being taken in hand, to time, by the Department.

5. I further, however, take this opportunity of bringing to the Board's notice, that the carrying out the proposed work in "a complete and efficient manner," so far as that is to be obtained by the scheme proposed by Colonel Ludlow, is not what I did myself the honor to recommend, nor, as I believe, advisable.

6. Colonel Ludlow has mistaken the proposal made by me. In his letter of the 3rd July recorded with the Board's Proceedings of the 1st August, he observes "the northern portion of the lake would thus become a large tank," and he then proceeds to make provision for the safety of this tank by the construction of suitable masonry escapes, strengthening of banks, &c.

7. But all this is entirely opposed to the views entertained, in bringing forward the proposition, of preventing the formation of spontaneous salt by running a bank across the lake. I never thought to make a tank, and check the formation of salt by storing fresh water. I meant the bank to keep all dry; and, to do more than this, "in such a soil," would as Colonel Ludlow observes,* "be very difficult and expensive."

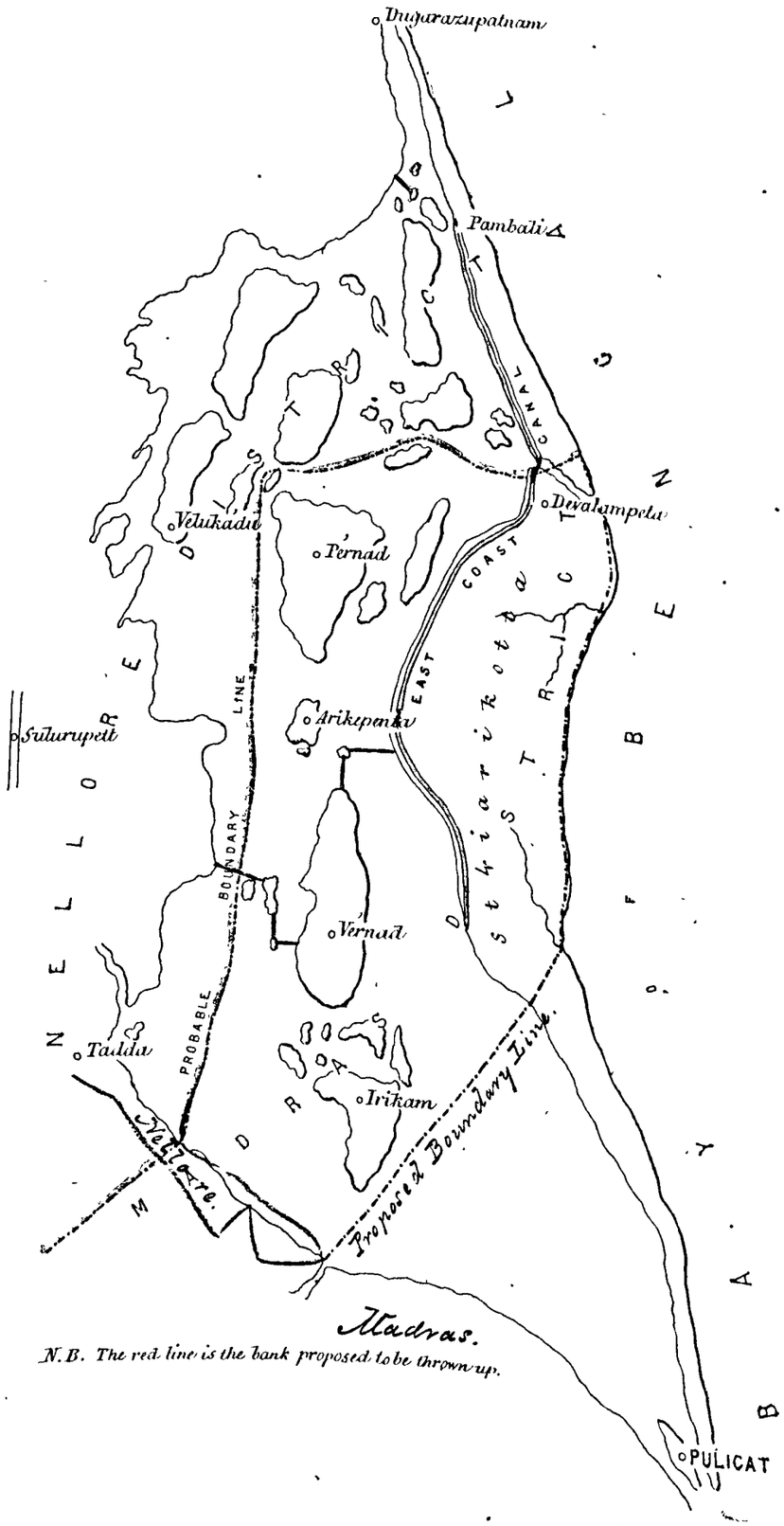
* 12th paragraph.

8. I merely meant to throw up a light bank as proposed by Cumili Narayanasami, and as Captain Mullins observes, in his letter of the 13th June, prevent the (salt) water from being driven in from the south by the long shore winds, and inundating a portion of the lake that would "otherwise at that season be dry;" and that does become dry afterwards, and turns into a salt bed.

9. And, this being the object in view, I think it is very probable, on re-consideration, Colonel Ludlow would form a different opinion of the proper course to be pursued.

10. I do not want to confine the flood waters of the monsoon. In fact I want to do the very reverse. I want to throw up so slight and temporary a bank, that, if necessary, it shall wholly give way in the floods, and so preserve as far as possible the even line of bottom that at present exists, instead of at once throwing the discharge on two or three given points, and so creating outlets, that would be difficult to deal with.

11. And I beg to submit for consideration, whether it would not be better, with reference to the nature of the work, to entrust the Estimate to me. I will willingly undertake the throw-



ing up of the bank. It is simple earth work. I need no additional agency; and I shall pro bably be better able to command labour in the locality in question, than an Officer of the Public Works.

12. On this point however there is another question for which I would beg the favor of a re-consideration. I will do my best to throw up the bank in time, and prevent smuggling; but the marginal map will show that my chances of success are very materially effected if in the heart of the salt beds I am to have villages over which I have no control. The village of Vernad, the large island north of Trikam, forms the point d'appui of the embankment. The village and island of Pirnad lies wholly within my embankment. Where the other islands lie in the north of the lake, that belong to the Madras District, I don't exactly know, but should soon find out to my disadvantage, once I began the work; and, whether as regards the work in hand, or the general execution of the Revenue laws as regards salt, it is in my opinion indispensable that the authorities of these villages should be under my direct control.

13. Mr. Cunliffe objected to the proposed transfer in his letter to the Board of the 27th May.* But the objections having reference more to private than public interests, do not seem to me to bear on the point at issue; and the Board having then disposed of the objections under the impression that the work would be undertaken by the Public Works Department, and could be carried out at once, will I trust be prepared to review their judgment, when to secure the Salt revenue is found to be a work of time, and, especially should it be determined to proceed first by tentative measures, as I have recommended, and leave the execution in the hands of the Revenue Department.

* Board's Proceedings 5th June 1862, No. 3,578.

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1. Ordered to be communicated to the Deputy Chief Engineer, Northern, Circle, with the Board's request that he will favor them at an early date with the information required regarding the preparation of the Estimate, and with his opinion on the Collector's further explanation and suggestion.

2. The question or the transfer of the villages will be re-considered with his reply.

(A true Copy and Extract.)

(Signed) W. HUDLESTON,
Secretary.

To Lieut.-Colonel S. O. E. Ludlow, R. E., Deputy Chief Engineer, Northern Circle.

Copy to J. W. B. Dykes, Esq., Collector of Nellore.

Exd. J. Wright.

Northern Circle Office.
Chintadrepettah 4th December 1862.

No 487.

From.

Lieutenant Col: A.W.G. Ludlow P. C.
Deputy Chief Engineer N.C.

To H. Sudleton Esqr.
Secretary to the
Board of Revenue.

Sir.

I have the honor to acknowledge
the receipt of the Proceedings of the Board of
Revenue, dated 28th November, and to state for
their information that on the 8th August last,
the District Engineer Nellore was called upon
by me, as they will see by the accompanying copy
of my letter No 361, to furnish estimates for an
Embankment across the Pulicat Lake.

2. Nine Estimates not having
been received the District Engineer was again
requested on the 5th September 1862 in No 394
to hasten their dispatch. He has not however
yet sent them, and I have a third time called
upon him for them.

3. But from what little Dyshes in

Sir

†dated 8th August 1862.

Enclosure No 1 in Proceedings of the Board of Revenue to the Secretary to Government Revenue Dept. dated 18 December 1862 No

1862. Department.

Rev- 3485/62.

No.

PROCEEDINGS OF THE BOARD OF REVENUE.

Dated 28*th November* 1862.

Despatched

Received

No. 7,852.

Communicating to Deputy Chief Engineer, Northern Circle, with remarks, letter from the Collector of Nellore, requesting the re-consideration of the subject of the work of throwing up a bank across the upper portion of the Pulicat lake to prevent the formation there, in the hot season, of spontaneous Salt.

his No. 294 to the Board says, I am inclined to think that the more solid Bank which I pro-posed, with a view to the permanent division of the Northern from the Southern portion of the Lake, may not, after all, be necessary.

4. I certainly understood Mr. Dykes object to be two fold, Viz.t the exclusion of the Salt-water from the Northern portion of the Lake, and the reclamation of the bed of that portion. This double object I thought would be most effectually secured by rendering the Embank-ment permanent, and effecting the drainage of the North part of the Lake, thro the Duragaza-putium Barr.

5. But as Mr. Dykes object now appears to be "to throw up so slight and "temporary a Bank, that if necessary it shall "of wholly give way in the floods", the solid Bank proposed by me, will be evidently un-necessary, and, seeing the nature of the work proposed to be done, I certainly think that it may safely be entrusted to the Collector, who states that he requires no additional agency for its per-formance, and who will, I dare say, be able to do what he proposes Viz.t form Banks strong enough to exclude the Salt-water from the North part of the Lake during the land winds, tho' not capable

capable of resisting the land floods, for the sum estimated by him, Viz.t 1800 Rupees.

6. There can be no doubt but that an outlay of this amount is highly advantageous, when there is a reasonable prospect of its saving so large a sum as 36000 Rupees

7. Such slight banks as Mr. Dykes proposes to throw up, can, I think, have no in-jurious effects either on the Canal or the Bars.

I have &c.

(Signed) J. A. E. Ludlow Lieut.t Col.o R.E.

Deputy Chief Engineer N.C.

Secretary.

Northern Circle office
Chepauk 8th August 1862
No 366

From Lieutenant Colo S. C. E. Ludlow R. E.
Deputy Chief Engineer N. C.

To Major T. Greenaway
District Engineer Nellore

Sir

I have the honor to forward herewith the Plan & Estimate as per margin, relative to an embankment which it is proposed to construct across the Pulicat lake, and request that you will be so good as to prepare the Estimate as suggested by me and approved of by the Board of Revenue.

1 Plan of B. of Rev. No. 5009 dated 1st Aug. 1862.

2. You will have to provide in your Estimate for Construction of Embankments across the lake of such section and so protected by the planting of bushes or otherwise as to render them secure against the action of the waters when agitated. The embankment of the Canal must be completed, and of

Enclosure No. 2 in Proceedings of the Board of Revenue to the Secretary to Government Revenue Department dated 18th December 1862 No. 3485/62.

Rev. 3485/62.

Letter from the Chief Engineer Northern Circle to the Secretary to the Board of Revenue dated 4th December 1862 No. 366 regarding the work proposed for preventing the formation of Spontaneous Salt.

if necessary similarly protected.

3 A separate Estimate (with Plan) had better be made of the Calingulah, which, I consider, will be eventually but not immediately necessary.

4 I think it possible indeed probable, that it may be neither practicable nor desirable to Complete the whole of the cross embankments to their full section the first year and you will be so good as to state the extent to which you consider the Project may be carried out after the next North East Monsoon, so as to exclude the Salt water from the Northern Portion of the Lake sufficiently to prevent the formation of Salt thro the next hot season and say what expenditure out of the full Estimate will

3

will be necessary for this purpose.

I have &c.

(Signed) S. B. E. Ludlow Lieut Col.
Deputy Chief Engr N. C.

(True Copy)

(Signed) S. B. E. Ludlow Lt Col R. E.
Deputy Chief Engr N. C.

(True Copy)

Secretary

Col
Colombo

for the preliminary arrangements, and the opportunity for carrying out the work in the present year will occur about the end of January or beginning of February.

/ Above Extract /

Secretary

To J. D. Sim Esqr.
Secretary to Government
Revenue Department.

Enclosure in a letter from the P.W. Chief Engineer N.C. to the Secretary to the Board of Revenue dated 4th December 1862 No 487.

Rec'd 8th Dec/62.

Under No 7718 of 1862
4th Dec 1862

/ Above Extract /

Secretary

29 April/62 Nos 395-396
23 June — — 332-333
16th August — — 233-234
PTO

101-71

Pro: of the Board of Revs
5726 Feby 63 c no 456.
Transfd to Irrigation Dept

Pro. Bd of Revs. d/ 26 May 63.
& No: 1278 in Pro 4th July/63
No 1156

do — 23 June/63 c no
1536 in Pro Transfd to Irrigation

do. 8 Oct. 63 c no 246
16 Oct/63 No 1867

No 30 & 31.

925 Dup 2 5 Jany/63

Rev — 1863 O/c/p
Pro: of Govt for 2 Jany: 63.
No: 1 — 3485.

Proceedings of the Board of Revenue.

Dated 18th
Desp. 18
Rec'd 19th
December 1862.

E.2.

Pro. Bd of Revs. d/ 4 March 63
& No: 576 vide Pro

Further G.O. 21 March/63 No 223-224

Submitting letters from the Collector of Nellore and the Deputy Chief Engineer S.C. with the Board's recommendation that Mr Dykes be authorized to carry out at a cost, not exceeding without further sanction, of Rs 2000, the work proposed for preventing the formation of spontaneous salt.

No 16 2 Jany

With an Order.

No 16.

The Construction of the Bund and transfer of Villages are sanctioned as proposed by the Board. —

Fort St. George
7th Jany 1863

14 Copies to the Bd of Revenue &c &c
3 — Accts Genl
3 — Civil Engineers
21 — D.P.W.
5 — Genl Depts