M.R.O. 1—77,006—8-3-37.

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(2) Date of repair 2-12-

(3) Initials of the Referencer

# MADRAS RECORD OFFICE.

## Government of Madras.

Public works DEPARTMENT.

G.O. No. 605 Press / Mis.

443-44

Dated 23 - 2 1870.

***Not to be folded or roughly handled***

No. 443. Read the following Proceedings of the Board of Revenue, dated 5th January 1870, No. 28 :—

Read the following letter from the Acting Collector of Coimbatore, to the Acting Secretary to the Board of Revenue, dated 13th December 1869, No. 234.

On the 27th ultimo I addressed a letter to the Superintending Engineer suggesting that, if in his opinion the available balance to the credit of Agricultural repairs was likely to prove insufficient to meet the requirements of the district up to the end of the financial year (considerable damage having been caused by floods), application should be made to Government for a transfer of funds from such districts as not having suffered from similar causes could spare them. A copy of Colonel Walker's reply I enclose.

2. The Board will observe that he is of opinion that the balance in hand will suffice to meet the ordinary demands for the rest of the official year, but requests that extra funds may be supplied within the last quarter of 1869-70 and in the first quarter of 1870-71 for putting into an efficient state the following works :—

| | | RS. |
|---|---|---|
| 1. | Periacolum Tank, Oodoomulpetta Talook ... ... | 8,770 |
| 2. | Aggrahara Vellalore Tank, Coimbatore Talook ... | 5,000 |
| 3. | Noyel Anicut and Pogalore Head-sluice ... ... | 1,440 |
| | | 15,210 |

3. In view to the completion of these works before the next south-west monsoon, the necessity for which is fully shown in the Range Officer's reports (enclosed*), the Superintending Engineer requests (and I beg to support the application) that the Board will be pleased to obtain an immediate grant of Rupees 7,500 to be supplemented from the ordinary allotment of 1870-71. I would not press the matter if there was not reason to apprehend not only loss of revenue and injury to private interests, but an enhanced expenditure for repairs if they are delayed. I have not had an opportunity of inspecting the second and third works referred to by the Superintending Engineer, but with reference to the first I can testify, from former experience, to the faulty construction of many of the large tanks in the sub-division. I particularly request the Board's early attention to this requisition.

* Return requested.

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From Colonel G. W. WALKER, R. E., Superintending Engineer, 7th Division, to the Acting Collector of Coimbatore, dated 7th December 1869, No. 123.

With reference to your letter, No. 195, of the 27th November, I have the honour to state that, considering that the reduction of Agricultural repair allotments was not confined to the Coimbatore District but applied to all the districts of the Madras Presidency to an aggregate amount of three lacs of rupees, I am not prepared to apply to Government for any transfer from other districts to meet the ordinary demands of the remainder of this official year, for which I hope that the balance of Rupees 7,550 in hand on 1st December may, with economy, be made to suffice.

2. It is very desirable, however, that extra funds be supplied within the last quarter 1869-70 and first quarter 1870-71, to meet such demands as those for putting into an efficient state the Periacolum Tank near Oodoomulpetta (Rupees 8,770), the Aggrahara Vellalore Tank (Rupees 5,000),

and the Noyel Anicut and Pogalore Head-sluice (Rupees 1,440). I consider that all three works come within my own powers of sanction, and that recourse to the Revenue Board is only desirable with a view to securing their influence in obtaining a special allotment of Rupees 7,500 for expenditure on them in 1869-70, to be supplemented in 1870-71 from the ordinary allotment of Rupees 47,850 which, I am informed by the Chief Engineer for Irrigation, will be our allowance next year. If you would be so good as to obtain the interposition of the Board in this matter, it is possible that they might obtain us the small sum required before Christmas, which would be in time to ensure completion of the works before the south-west monsoon of 1870. It will suffice for their information if I forward Mr. Roberts' report on the Periacolum Tank, and extract of a letter of his own on the Aggrahara Vellalore Tank.

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*Periacolum Tank.—Oodoomulpetta Talook.*

A Report on the present condition and requirenents of the tank, with a specification or description of the works required to put the tank in a safe condition, and increase and maintain its capacity.

The channel leading to the tank breached during last year's freshes in two or three places, notwithstanding which the tank filled, so that water was standing considerably above the cills of the calingulahs, the amount of water entering the tank being far larger than the calingulahs could discharge. Some of these calingulahs, the levels of which are given below, are at a very low level; so that the large quantity of water which entered the tank was carried off in a few days, and the water-level stood at a much lower level* than the tank was capable of holding. A late order of the Collector states that no calingulahs are to be blocked up or interfered with in any way by the ryots, owing to the damage continually caused to tanks on this account; and, under these circumstances, the Tahsildar reported to the Collector that the cills of the calingulahs of this tank required to be raised to maintain the proper supply of water; hence the present inquiry on a requisition from the Sub-Collector.

*Level of lowest calingulah or 93·31.

2. In the first place the banks of the channels leading to the tank were breached, and the tank itself has also been breached in previous years, also as the water rose above the cills of the calingulahs (which are very small) during the flood, it approached too close and, in some cases, was nearly level with the top of the present revetment, the consequence of which has been that this revetment has been constantly injured, and especially owing to the high winds in these parts, the water dashes over and behind the stone-work, and some of it has fallen down and been re-built in parts, causing a constant expense in years past. It is evident, therefore, that in the present state of the tank the calingulahs could on no account be raised, but would rather require lowering, and the Sub-Collector has been so informed.

3. A longitudinal section of the tank bank and revetment shows that both are very irregular, so that in some parts the stone-work is almost unnecessarily high, in others it is too low.

4. There are at present No. 5 Calingulahs in the tank, all of them very small, the levels of their cills and widths are given below:—

| | Levels of Cills. | Width of waterway. |
|---|---|---|
| Calingulah No. 1 ... ... ... | 95·22 | 6·0 feet. |
| ,, ,, 2 ... ... ... | 93·87 | 13·0 ,, |
| ,, ,, 3 ... ... ... | 93·39 | 7·6 inches. |
| ,, ,, 4 ... ... ... | 93 31 | 8·6 ,, |
| ,, ,, 5 ... ... ... | 97·86 | 38·0 feet. |
| Total length of present out-falls ... ... ... ... ... | | 73·0 feet. |
| The highest level of present revetment is ... ... | | 100·77 |
| The lowest do. do. do. ... ... | | 96·66 |
| Difference ... | | 4·11 |



It will be seen that the difference of level of lowest point of revetment and lowest calingulah is 13'-35, while the difference of highest revetment and lowest calingulah is 7'-46, while the highest calingulah is 1'-20 feet *higher* than the lowest point of revetment.

5. It is proposed in the estimate now submitted, amounting to Rupees 8,770, to carry out the following improvements and additions, in order to place the tank in a safe condition, and raise the permanent water-level of the tank by 2-19 feet.

1*stly*.—To re-build *all* such portions of old revetment as are at present in a weak state, or which has not been lately repaired, so that new stone-work may not be put on the top of falling old stone-work.

2*ndly*.—To revet a portion of the supply channel of the tank for a distance of 600 yards on the lower side only, and to a height of three feet, with a foundation of one foot, the whole to be two-and-a-quarter feet thick.

3*rdly*.—To block up Calingulahs Nos. 2, 3 and 4, to *raise* the level of Calingulah No. 1 to 95-50 or by about three inches, and increase its width to 110 feet, giving a clear waterway of 100' (exclusive of grooved stones), and to lower Calingulah No. 5 to 95-50, and increase its width to 110 or 100 feet clear waterway, to insert in each of these new calingulahs upright stones projecting only one foot from the cill with a groove in them to admit of boards being placed to raise the water-level one foot higher only when the wind and floods have ceased, which raising should only be carried out when orders are given to that efect by the Public Works Department through the Tahsildar.

4*thly*.—To level the height of revetment throughout to 100-50, or five feet above cill of calingulahs, and the new stone-work to have thickness of two-and-a-quarter feet, and to be backed with good clean gravel two feet thick.

5*thly*.—To level height of bank throughout to 102-50, or two feet above level of revetment, so as to afford support to the revetment, and to allow of settlement when it will probably come to only one foot above the revetment which is all that is really required, and to *turf* the inner slope of the bank throughout.

6. There are at present portions of the bank which are not revetted; cross sections of these banks show that in most cases revetment is not thee required, because the highest water-level of the tank will only just touch, and, in some cases, be considerably below the foot of the slope of the bank; it is only proposed to revet such portions of these banks where the ordinary water-level or level of cill of calingulah is shown to stand more than six inches above the foot of inner slope, in which case they are revetted to the usual level; in other cases the banks are simply strengthened and levelled. It must be remembered that when water is running over the cills of the calingulahs rapidly, the level of the tank will probably be raised one foot or more above the level of their cills until such superfluous water has all been discharged in judging also of the safe height of revetment above the cills of calingulah, this fact must be borne in mind, as also the great force of the wind and waves, so that to allow five feet above the cils for the level of revetment will hardly be considered too much under these circumstances.

7. It cannot be distinctly stated by what amount the revenue resulting from the irrigation under this tank will be benefited by these improvements; but the tank will be placed in a safe condition, and it is hoped that the continual charge for repairing breaches, re-building falling revetment, etc, year by year will be avoided, and, in addition to these advantages, the water-level of the tank will be raised by 2-19 feet* and with the planks to 3-19 feet, and the capacity enormously increased beyond that which it was formerly able to sustain; there is no doubt that the water-level of the tank has often been maintained at this level or even higher† by the ryots blocking up the calingulahs, but this has been done at great risk and damage to the tank, and can no longer be allowed. According to the late orders of the Collector, when these repairs have been carried out the tank will safely be able to hold this greatly increased amount of water, and in

| | |
|---|---|
| * Present lowest calingulah level ... .. ... | 93·31 |
| Proposed do. do. ... ... | 95·50 |
| Increased height ... | 2·19 |
| † To cill of No. 5 Calingulah .. ... ... | 97·86 |

ordinary seasons, and if the Dhully Channel is kept only moderately clear of silt, the tank will be filled up to this level several times.

8. It is said that this is the largest tank in the Coimbatore District, and I consider that money would be well expended on the improvements as above stated.

COIMBATORE,
*14th August* 1869.

(Signed) K. D. ROBERTS,
*Assistant Engineer.*

*Statement showing the Ayacut Irrigable Area, etc., of the Periacolum Tank in the Oodoomulpetta Talook, Coimbatore Range, Coimbatore District.*

| Year. | Ayacut Irrigable area. | Gross Revenue. | Cultivation area. | Net Revenue or Jummahbundy. | Expenditure on repairs. | Remarks. |
|---|---|---|---|---|---|---|
| 1864-65 ... | 916 0 0 | 4,770 2 1 | 685 13 3 | 3,212 13 0 | 1,253 4 0 | |
| 1865-66 ... | 916 2 0 | 3,562 0 2 | 517 8 3 | 3,209 15 2 | 904 12 9 | |
| 1866-67 ... | 918 0 1 | 5,744 8 8 | 369 12 3 | 5,074 6 1 | 195 0 0 | |
| 1867-68 ... | 919 14 2 | 6,050 15 9 | 485 3 2 | 3,874 9 7 | 27 12 0 | |
| 1868-69 ... | 924 6 2 | 6,073 13 0 | 488 3 1 | 6,242 14 9 | 2,855 5 9 | |

OODOOMULPETTA,
*12th August* 1869.

(Signed) K. D. ROBERTS,
*Assistant Engineer.*

No. 65.

RETURNED to Mr. Roberts, for re-transmission through the Collector.

OOTACAMUND,
*16th August* 1869.

(Signed) W. T. F. FAREWELL, Lieut.-Colonel,
*Executive Engineer in charge, 7th Division.*

*Extract from a letter from K. D. Roberts, Esq., Assistant Engineer, Coimbatore Range, No. 70, of 27th September* 1869.

* * *

I HAVE the honour to bring to your notice that it is absolutely necessary, for the safety and maintenance of the tank, that this work be carried out, otherwise large expenditure in patching up the tank will have to be yearly incurred, which will after all leave the tank in no better order than at present.

Aggrahara Vellalore Tank.

2. By reference to the sections which accompanied my estimate, you will see that the level of cill of one calingulah is only 1·30 feet above the level of parts of present revetment, and the other calingulah cill only 0·75 feet above the same [illegible]; the wind acts with peculiar force upon this tank, being near Poothanoor, and the revetment is even now much injured by the force of the waves, and the bank very nearly breached last year; the calingulahs are also provided with upright stones, so that it is very much to be feared, that, notwithstanding the orders of the Collector, the tank level will be further raised by the ryots when anxious to retain more water.

3. This tank is supplied by a channel from the Noyel river, and is not only dependant on surface drainage.

4. If sanction be refused, it will be necessary to remove the upright stones and reduce the level of the cills of the calingulahs, and thus decrease its capacity.

(True Extract.)

COIMBATORE,
*6th December* 1869.

(Signed) G. W. WALKER, Colonel, R. E.,
*Superintending Engineer, 7th Division.*



IN this letter the Collector endorses Colonel Walker's recommendation that an advance may be accorded from the Agricultural repair allotment of 1870-71, to admit of placing certain works which are in a dilapidated and dangerous state in a state of efficient repair before the setting in of the south-west monsoon.

2. The Board resolve to submit the application for the favourable consideration of Government.

TRANSFERRED to the Public Works Department.

(By Order,)

FORT ST. GEORGE,
*19th January* 1870.

(Signed) R. A. DALYELL,
*Acting Secretary to Government.*

No. 444. ORDER THEREON, 23rd February 1870, No. 605.

IRRIGATION, No. 25.

THE Government regret that there are no funds available for supplementing the grant for Agricultural repairs in the Coimbatore District.

2. The Government consider that the proposed expenditure on the Periacolum, in the Oodoomulpetta Talook, would probably be highly advantageous, but there is nothing in the circumstances of this tank to justify the transfer of money from other districts, for all have had their grants reduced, and in most of them there are many irrigation works at least equally in need of outlay to render them secure and efficient.

3. It is observed that much of the work contemplated to be done to the Periacolum and probably to the other tanks is of the nature rather of improvement than of ordinary up-keep, and, if this be the case, estimates may be submitted for the consideration of Government, who will endeavour, if they be approved, to provide funds out of the reserve under Agricultural for 1870-71.

(True Extract.)

Colonel, R.E.,
*Secretary to Government.*

To the Superintending Engineer, 7th Division.
" Revenue Department.
" Controller of Public Works Accounts.
" Chief Engineer for Irrigation.

Exd. E. C. Shunker.

No. 28.

PROCEEDINGS OF THE BOARD OF REVENUE, dated 5th January 1870.

Read the following letter from H. E. SULLIVAN, Esq., Acting Collector of Coimbatore, to the Acting Secretary to the Board of Revenue, dated 13th December 1869, No. 234:—

ON the 27th ultimo, I addressed a letter to the Superintending Engineer, suggesting, that if in his opinion the available balance to the credit of Agricultural Repairs was likely to prove insufficient to meet the requirements of the district up to the end of the financial year (considerable damage having been caused by floods) application should be made to Government for a transfer of funds from such districts as not having suffered from similar causes, could spare them. A copy of Colonel Walker's reply I enclose.

2. The Board will observe that he is of opinion that the balance in hand will suffice to meet the ordinary demands for the rest of the official year, but requests that extra funds may be supplied within the last quarter of 1869-70, and in the first quarter of 1870-71, for putting into an efficient state the following works:—

| | RS. |
|---|---|
| 1. Periacolum tank, Oodoomulpetta Talook ... ... ... ... ... ... | 8,770 |
| 2. Aggrahara Vellalore tank, Coimbatore Talook .. ... ... ... ... | 5,000 |
| 3. Noyel anicut and Pogalore Head Sluice... ... ... ... ... ... | 1,440 |
| | 15,210 |

3. In view to the completion of these works before the next South-west monsoon, the necessity for which is fully shown in the Range Officers' reports (enclosed)* the Superintending Engineer requests, (and I beg to support the application,) that the Board will be pleased to obtain an immediate grant of Rupees 7,500 to be supplemented from the ordinary allotment of 1870-71. I would not press the matter if there was not reason to apprehend not only loss of Revenue and injury to private interests, but an enhanced expenditure for repairs if they are delayed. I have not had an opportunity of inspecting the 2nd and 3rd works referred to by the Superintending Engineer, but with reference to the first, I can testify from former experience to the faulty construction of many of the large tanks in the sub-division. I particularly request the Board's early attention to this requisition.

* Return requested.

ENCLOSURE No. 1.

From Colonel G. W. WALKER, R. E., Superintending Engineer, 7th Division, to the Acting Collector of Coimbatore, dated 7th December 1869, No. 123.

WITH reference to your letter No. 195, of the 27th November, I have the honour to state, that considering that the reduction of Agricultural Repair Allotments was not confined to the Coimbatore District, but applied to all the districts of the Madras Presidency to an aggregate amount of 3 lacs of rupees, I am not prepared to apply to Government for any transfer from other districts, to meet the ordinary demands of the remainder of this official year, for which I hope that the balance of Rupees 7,550, in hand on 1st December, may, with economy, be made to suffice.

2. It is very desirable, however, that extra funds be supplied within the last quarter 1869-70, and first quarter 1870-71, to meet such demands as those for putting into an efficient state the Periacolum tank near Oodoomulpetta (Rupees 8,770) the Aggrahara Vellalore tank (Rupees 5,000,) and the Noyel Anicut and Poogaloor Head Sluice (Rupees 1,440.) I consider that all 3 works come within my own powers of sanction, and that recourse to the Revenue Board is only desirable with a view to securing their influence in obtaining a special allotment of Rupees 7,500 for expenditure on them in 1869-70, to be supplemented in 1870-71 from the ordinary allotment of Rupees 47,850 which I am informed by the Chief Engineer for Irrigation, will be our allowance next year. If you would be so good as to obtain the interposition of the Board in this matter, it is possible that they might obtain us the small sum required before Xmas, which would be in time to ensure com-

pletion of the works before the South-west monsoon of 1870. It will suffice for their information, if I forward Mr. Robert's report on the Periacolum tank, and extract of a letter of his own on the Aggrahara Vellalore tank.

(True Copy.)

(Signed) H. E. SULLIVAN,
Acting Collector.

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ENCLOSURE No. 2.

*Periacolum tank.—Oodoomulpetta Talook.*

A Report on the present condition and requirements of the tank, with a specification or description of the works required to put the tank in a safe condition, and increase and maintain its capacity.

THE channel leading to the tank breached during last year's freshes in two or three places, notwithstanding which, the tank filled; so that water was standing considerably above the cills of the Calingulahs, the amount of water entering the tank being far larger than the Calingulahs could discharge. Some of these Calingulahs, the levels of which are given below, are at a very low level; so that the large quantity of water which entered the tank was carried off in a few days, and the water level stood at a much* lower level than the tank was capable of holding. A late order of the Collector states, that no Calingulahs are to be blocked up or interfered with in any way by the ryots, owing to the damage continually caused to tanks on this account; and under these circumstances, the Tahsildar reported to the Collector that the cills of the Calingulahs of this tank required to be raised, to maintain the proper supply of water; hence the present enquiry on a requisition from the Sub-Collector.

*Level of lowest Calingulah or 93-31.

2. In the first place, the banks of the channels leading to the tank were breached, and the tank itself has also been breached in previous years, also as the water rose above the cills of the Calingulahs (which are very small) during the flood it approached too close, and in some cases was nearly level with the top of the present revetment, the consequence of which has been, that this revetment has been constantly injured, and especially owing to the high winds in these parts, the water dashes over and behind the stone work, and some of it has fallen down, and been re-built in parts; causing a constant expense in years past; it is evident, therefore, that in the present state of the tank, the Calingulahs could on no account be raised, but would rather require lowering, and the Sub-Collector has been so informed.

3. A Longitudinal Section of the tank bank and revetment shows, that both are very irregular; so that in some parts the stone work is almost unnecessarily high, in others it is too low.

4. There are at present No. 5 Calingulahs in the tank, all of them very small, the levels of their cills and widths are given below:—

| | Levels of Cills. | Width of waterway. |
|---|---|---|
| Calingulah No. 1 | 95·22 | 6·0' |
| ,, ,, 2 | 93·87 | 13·0' |
| ,, ,, 3 | 93·39 | 7·6" |
| ,, ,, 4 | 93·31 | 8·6" |
| ,, ,, 5 | 97·86 | 38·0 feet |
| Total length of present out-falls | | 73·0 feet |
| The highest level of present revetment is | | 100·77 |
| The lowest do. do. do. | | 96·66 |
| Difference | | 4·11 |

It will be seen that the difference of level of lowest point of revetment, and lowest Calingulah is 13'-35, while the difference of highest revetment and lowest Calingulah is 7'-46 while the highest Calingulah is 1'-20 feet *higher* than the lowest point of revetment.

5. It is proposed in the estimate now submitted, amounting to Rupees 8,770, to carry out the following improvements and additions, in order to place the tank in a safe condition and raise the permanent water level of the tank by 2-19 feet.

1*stly*.—To re-build *all* such portions of old revetment as are at present in a weak state, or which has not been lately repaired; so that new stone work may not be put on the top of falling old stone work.

2*ndly*.—To revet a portion of the supply channel of the tank for a distance of 600 yards on the lower side only, and to a height of three feet, with a foundation of one foot, the whole to be two-and-a-quarter feet thick.

3*rdly*.—To block up Calingulahs Nos. 2, 3 and 4, to *raise* the level of Calingulah, No. 1 to 95-50 or by about 3 inches and increase its width to 110 feet, giving a clear waterway of 100 (exclusive of grooved stones) and to lower Calingulah No. 5 to 95-50, and increase its width to 110 or 100 feet clear waterway, to insert in each of these new Calingulahs upright stones projecting only one foot from the cill with a groove in them, to admit of boards being placed to raise the water level, one foot higher, only when the wind and floods have ceased, which raising should only be carried out when orders are given to that effect by the Public Works Department through the Tahsildar.

4*thly*.—To level the height of revetment throughout to 100-50 or 5 feet above cill of Calingulahs, and the new stone work, to have thickness of two-and-a-quarter feet and to be backed with good clean gravel two feet thick.

5*thly*.—To level height of bank throughout to 102-50 or two feet above level of revetment, so as to afford support to the revetment and to allow of settlement when it will probably come to only one foot above the revetment, which is all that is really required and to *turf* the inner slope of the bank throughout.

6. There are at present portions of the bank which are not revetted; cross sections of these banks shew that in most cases revetment is not there required, because the highest water level of the tank will only just touch, and in some cases, be considerably below the foot of the slope of the bank, it is only proposed to revet such portions of these banks where the ordinary water level or level of cill of Calingulah is shown to stand more than 6 inches above the foot of inner slope, in which case they are revetted to the usual level; in other cases the banks are simply strengthened and levelled. It must be remembered that when water is running over the cills of the Calingulahs rapidly, the level of the tank will probably be raised one foot or more, above the level of their cills, until such superfluous water has all been discharged; in judging also of the safe height of revetment above the cills of calingulah, this fact must be borne in mind, as also the great force of the wind and waves; so that to allow five feet above the cills for the level of revetment will hardly be considered too much under these circumstances.

7. It cannot be distinctly stated by what amount the revenue resulting from the irrigation under this tank will be benefitted by these improvements; but the tank will be placed in a safe condition, and it is hoped that the continual charge for repairing breaches, rebuilding, falling revetment, etc., year by year, will be avoided, and in addition to these advantages the water level of the tank will be raised by 2-19 feet* and with the planks to 3-19 feet, and the capacity enormously increased beyond that which it was formerly able to sustain; there is no doubt that the water level of the tank has often been maintained at this level or even higher† by the ryots blocking up the Calingulahs, but this has been done at great risk and damage to the tank, and can no longer be allowed. According to the late orders of the Collector, when these repairs have been carried out, the tank will safely be able to hold this greatly increased amount of water, and in ordinary seasons, and if the Dhully channel is kept only moderately clear of silt, the tank will be filled up to this level several times.

| | |
|---|---|
| *Present lowest Calingulah level | 93·31 |
| Proposed do. do. | 95·50 |
| Increased height | 2 19 |
| †To Cill of No. 5 Calingulah | 97·86 |

8. It is said that this is the largest tank in the Coimbatore District, and I consider that money would be well expended on the improvements as above stated.

COIMBATORE,
14th August 1869.

(Signed) K. D. ROBERTS,
Assistant Engineer.

*Statement showing the Ayacut Irrigable Area, etc, of the Periacolum Tank in the Oodoomulpetta Talook, Coimbatore Range, Coimbatore District.*

| Year. | Ayacut Irrigable area. | Gross Revenue. | Cultivation area. | Net Revenue or Jummahbundy. | Expenditure on repairs. | Remarks. |
|---|---|---|---|---|---|---|
| 1864-65... | 916 0 0 | 4,770 2 1 | 685 13 3 | 3,212 13 0 | 1,253 4 0 | |
| 1865-66... | 916 2 0 | 3,562 0 2 | 517 8 3 | 3,209 15 2 | 904 12 9 | |
| 1866-67... | 918 0 1 | 5,744 8 8 | 869 12 3 | 5,074 6 1 | 195 0 0 | |
| 1867-68... | 919 14 2 | 6,050 15 9 | 585 3 2 | 3,874 9 7 | 27 12 0 | |
| 1868-69... | 924 6 2 | 6,073 13 0 | 888 3 1 | 6,242 14 9 | 2,855 5 9 | |

OODOOMULPETTA,
12th August, 1869.

(Signed) K. D. ROBERTS,
Assistant Engineer.

No. 65.

RETURNED to Mr. Roberts, for re-transmission through the Collector.

OOTACAMUND,
16th August 1869.

(Signed) W. T. F. FAREWELL, Lieut.-Col.,
Executive Engineer in charge, 7th Division.

ENCLOSURE No. 4.

*Extract from a letter from K. D. Roberts, Esq., Assistant Engineer, Coimbatore Range, No. 70, of 27th September 1879.*

* * * * *

Aggrahara Vellalore tank.

I have the honour to bring to your notice that it is absolutely necessary, for the safety and maintenance of the tank, that this work be carried out, otherwise, large expenditure in patching up the tank will have to be yearly incurred, which will after all leave the tank in no better order than at present.

2. By reference to the Sections which accompanied my estimate, you will see that the level of cill of one Calingulah is only 1·30 feet above the level of parts of present revetment, and the other Calingulah cill only 0·75 feet above the same level; the wind acts with peculiar force upon this tank, being near Pothanoor, and the revetment is even now much injured by the force of the waves, and the bank very nearly breached last year; the Calingulahs are also provided with upright stones, so that it is very much to be feared, that notwithstanding the orders of the Collector, the tank level will be further raised by the ryots when anxious to retain more water.

3. This tank is supplied by a channel from the Noyel river, and is not, only dependant on surface drainage.

4. If sanction be refused, it will be necessary to remove the upright stones and reduce the level of the cills of the Calingulahs and thus decrease its capacity.

(True Extract.)

COIMBATORE,
6th December 1869.

(Signed) G. W. WALKER, Colonel, R. E.,
Suptg. Engineer, 7th Division.

65

In this letter the Collector endorses Colonel Walker's recommendation that an advance may be accorded from the Agricultural Repair Allotment of 1870-71, to a limit of placing certain works which are in a dilapidated and dangerous state, in a state of efficient repair, before the setting in of the South-west monsoon.

2. The Board resolve to submit the application for the favourable consideration of Government.

(True Copies and Extract.)

Acting Secretary.

To the Acting Secretary to Government, Revenue Department.

Copy to the Acting Collector of Coimbatore, with an original enclosure returned.
" to the Superintending Engineer, 7th Division.

Exd. G. A. Turton.

Public Works Department.

No 605 / 70

Proceedings of the Madras Government,

Under date the 23rd July 1870

Read the following

Extract from the Proceedings of the Board of Revenue, No. 6. dated 28 of 5th January 1870

The Government regret that there are no funds available for suspensions and remissions in the Trichinopoly District.

2. The Government consider that the proposed expenditure on the Periacolum, viz the Gollaveri Anicut should be transferred to the Public Works Department.

I have the honor to be Sir Your most obedient Servant

(Signed) H. Balgrave

Chief Secretary to Government

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(67)

Transferred to the Public Work Dept (Signed) H Balgrave Chief Secretary to Govt

14/1/70

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Rec. 1870. Pub. Works
Board of Revenue,

MADRAS.

No. 239

PROCEEDINGS, 5TH JANUARY 1870, No. 28.

Despd 18th January 1870. Encl.
Received 18th
No. 29

JANUARY.

No. 28.

*Periacolum and Aggrahara Vellalore tanks*,—Noyel anicut, and Pogalore Head Sluice in Coimbatore District, Application of Collector for an advance from Agricultural Repair allotment of 1870-71, for repair of, submitted to favorable consideration of Government.

Transferred No 605 - 23rd July 1870

No 440

Rec 26th Jan 1870 R. 30th July

being entertained to discuss applications of a similar nature in future.

A.P.

money from other Districts, for all have had their grants reduced, and in most of them there are many irrigation works at least equally in need of outlay to render them secure and efficient.

could get an idea how much money is wanting and the grant for repairs is more than could be spent.

A.P.

3. It is observed that much of the work contemplated to be done to the Periacolum is of the nature rather of improvement than of ordinary up-keep, and, if this be the case, the estimates may be submitted for the consideration of Government, who will endeavour, if they approved, to provide funds out of the reserve under Agricultural for 1870-71.

46

To the Supt. Engr. 7th Div. ✓
Rev. Dept. ✓
Contr. Rev. & Fin. Accts. ✓
Chief Engr. for Irrigation. ✓

Desp. 26/2/70.

Cue 239

Govt. of Madras.

PUBLIC WORKS.

To The Superintending Engineer 1st Division

Dated

Recd. Encl.

G. O., 23rd July 1870, No. 605

Nos. 413 - 414

Roads Reporting orders on the Proc. of the Bd of Revt recommending the Revt Depts submitting for favourable consideration the recommendation of the Collector of Coimbatore that an advance be made from the Agl Repair allotment for 1870-71, to admit of placing certain roads which are in a dilapidated and dangerous state, in a state of effectual repair before the setting in of the South-West monsoon.

c. 26th Jany 1870 R. 3rd July