

(1) Number of pages 20
(2) Date of repair 11/1/37
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MADRAS RECORD OFFICE.

P-4
Government of Madras.

Public Works **DEPARTMENT.**

G.O. No. <u>1597</u>	Press Mis.
<u>214-217</u>	
Dated <u>14-6-</u>	18 <u>71</u>

Not to be folded or roughly handled

Read the following papers:—

No. 214. From the Superintending Engineer, 4th Division, to the Secretary to Government, Public Works Department, dated Madras, 17th April 1871, No. 148.

In my letter No. 3,078, dated 27th October 1870, I reported to Government that the Mailcoopum high level tank had been breached in the stormy weather in October last, and promised to send further particulars at an early date, but have not been able to do so before owing to a magisterial investigation that has taken place, as Lieutenant Brockman suspected that the breach to the tank was caused by certain villagers cutting the bund. The report on this investigation was only received in this office on the 30th March 1871. I have now the honour to report to Government the following circumstances with regard to this tank.

2. Government in G. O., No. 3,759, of 2nd December 1868, sanctioned an estimate for Rupees 6,320 for the restoration of the Mailcoopum high level reservoir in the North Arcot District, and the work was proceeded with under Lieutenant Brockman, the Range Officer. It consisted chiefly in making a bund 400 feet in length and 51 feet in height, and forming a calingulah in an adjacent saddle, the crest of the calingulah being 42 feet above the bed of the stream. This work was finished in October 1870.

3. On the 18th of October Lieutenant Brockman visited the tank and found all secure, and the new bund showed no sign of weakness except the revetment to the rear bund had slipped forward owing to the swelling of the new earth and the heavy falls of rain; but Lieutenant Brockman did not consider any danger from this. During the night of the 19th a heavy fall of rain occurred, being 4.80 inches, and the water in the tank was raised to 38 feet above bed. Again on the 20th there was 1.1 inch more of rain, and the water rose gradually to 41 feet above bed, or within one foot of the top of the calingulah; this was at dusk on the 21st, and at 9 P.M. on that evening the bund breached. When Lieutenant Brockman visited the tank on the 28th the bund appeared all right except as explained, and when the maistry and lascars visited on the following days everything seemed sound and strong.

4. A guard was kept on the bund as it was already reported that the inhabitants of Chenganatham, whose village and lands were being swamped by the rising water, intended to cut the bund to save their property; but the night in question was a very stormy one, and the guard appears not to have kept a good watch, and, in the absence of any thing to account for the breaching, I am inclined to believe with Lieutenant Brockman that the bund was cut.

5. Lieutenant Brockman wrote to the Sub-Collector for an enquiry, and the Sub-Magistrate, on the evidence given, convicted certain persons of the offence; but when it came before the Sub-Collector he reversed the sentence, and said that there was no reliable evidence to convict, and even if that they had cut the bund that they were perfectly justified in doing so.

6. From the papers on the subject, and from levels since taken, it appears that the greater part of the lands belonging to the village of Chenganatham would be swamped when the water stood at the calingulah level, the village itself being

*Proceedings of the Madras Government, Public Works Department,
14th June 1871.*

on higher ground becoming an island, and if 6 feet of water were to flow over the calingulah the village would be entirely under water; so under these circumstances, I am not surprised if the bund was cut purposely.

7. In the original sanctioned estimate prepared by Lieutenant Brockman, approved of by the late Colonel Anderson and by the Collector, who had entered into the full revenue statements of profit and loss by the making of this tank, it does not seem that the subject of compensation for loss of lands submerged, or the question of moving the village to a safe place, ever entered into the heads of either Lieutenant Brockman or the Collector, and I think Lieutenant Brockman is particularly to blame for not pointing this out; nor did the Collector deduct from the additional revenue the revenue of the submerged lands.

8. Now comes the question whether this tank should be reformed; and as it is in admirable site I am prepared to recommend to Government that it should be so.

9. The cost of the tank now reported as breached was Rupees 6,256, and Lieutenant Brockman considers that the breach, which is 150 feet top and 90 feet at bottom, can be closed and two aqueducts rebuilt for about Rupees 4,000, plus, say, Rupees 1,000 for compensation and removal of the village of Chenganatham, making a total cost of Rupees 11,256. The additional revenue is estimated at Rupees 804, which will be 7 per cent. in place of 13.75 per cent. expected when the first project was sanctioned.

From Lieutenant R. R. E. BROCKMAN, R.E., Assistant Engineer, Vellore Range, to the Superintending Engineer, 4th Division, dated Camp at Moonjoorpett, 2nd October 1868, No. 367.

In returning the plans and estimates for the reconstruction of the Mailcoopum high level reservoir, which accompanied your memorandum No. 3,078, dated 23rd ultimo, I have the honour to offer the following explanations and remarks upon the memorandum No. 68,

- 1 Survey.
- 1 Plan.
- 3 Estimates.
- 1 Report.

dated 17th ultimo, from the Chief Engineer for Irrigation:—

1. The slopes given in the original section of bund were decided upon mainly with a view to keep the estimate amount for earthwork within reasonable limits. I agree that they are too steep, and have altered them in the revised section on plan to 1½ to 1 for the front and 2 to 1 for the rear slope. In the revised estimate, herewith submitted for approval, it will be seen that by adopting the above slopes the item of earthwork has been raised from Rupees 2,530 to Rupees 3,208. It is purposed to lay in gravel, battered and rammed, for a thickness of one yard behind the stone revetment, and this, with the additional support the masonry wall in the centre of the bund will tend to give, it is considered will effectually prevent any yielding of the earth behind the revetment.

2. In the revised section three yards have been left between the high water level and top of bund by reducing the depth of water at bund from 45 to 42 feet.

3. As the rock is of limestone quality, 1 Rupee per cubic yard for the upper stratum of one yard thickness is considered quite sufficient. As the calingulah has now to be lowered 3 feet more, consequent on the lowering of the high water level of tank, the item of blasting has been increased, and the average rate of 1½ Rupee given in the estimate as the lower stratum of rock will very possibly prove more difficult to blast.

4. With 45 feet of water at the bund, owing to the steep set of the valley, the water-spread is of but limited extent, being just over half a mile from east to west. If the suggestion made in

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14th June 1871.*

paragraph 4 were adopted, and the depth of water at bund thereby decreased by 12 feet, the capacity of the tank would be curtailed by at least one-third, and its useful effect materially diminished. The calingulah provided for in the estimate by blasting is situated at the saddle of the hill on the south flank, and at the very spot indicated in this paragraph 4 of the memorandum.

5. An estimate embodying the alterations referred to above is herewith forwarded for approval, together with the original documents of the project

No. 104.

Note by the Acting Chief Engineer for Irrigation.

No. 215.

ON the 2nd December 1868, Government sanctioned estimates, amounting to Rupees 6,320, for the restoration of the Mailcoopum tank, situated on one of the minor feeders of the Cheyaar, in the North Arcot District; the additional revenue to be derived from the restored tank was estimated at Rupees 804. The work, namely, closing the old breach, raising the bund, and cutting an escape through a limestone saddle beyond a small hill at the south end of the bund was completed last October, and the bund was again breached during the heavy rains of that month.

2. The restored bund was constructed to hold water up to 45 feet (above bed of stream), the sill of escape being at the 42 feet and top of bund at the 51 feet levels respectively; but when the tank filled it was found that greater part of the lands of Chenganatham, a village higher up the valley, were swamped when the water surface was still more than 3 feet below the proposed full tank level and before any water had passed through the escape, and it has been since ascertained that the village itself would be entirely under water if the tank surface rose 6 feet above the level of the sill of escape.

3. Lieutenant Brockman, the officer who drew up the original project, is to blame for not having drawn attention to this when reporting on the proposed works; it was his duty to determine by contour levels the exact limits of the water-spread of the tank at the highest possible level, and having thus ascertained that the lands of Chenganatham would be submerged and the village itself be rendered uninhabitable, he should have stated the facts in his report, and have provided in his estimate for compensating the ryots for the loss of their lands, and for being turned out of their homes. Colonel Wilkieson recommends that the breach should be again closed and the project carried out. Perhaps it may be found that it would be better to cut down the escape to a lower level, and keep the highest water surface of tank below the greater part of the Chenganatham lands. It appears hardly worthwhile to turn a village out for the sake of such a trifling work.

(Signed) J. G. RYVES, Captain, R.E.,
Acting Chief Engineer for Irrigation.
FORT ST. GEORGE,
1st May 1871.

No. 216. From the Superintendent Engineer, 4th Division, to the Secretary to Government, Public Works Department, dated Madras, 15th May 1871, No. 591.

In reply to memorandum of the 5th May 1871, calling for further information from Lieutenant Brockman about the Mailcoopum high level tank, I have the

*Proceedings of the Madras Government, Public Works Department,
14th June 1871.*

honour to forward his reply, by which it will be seen that the subject of compensation did not escape his attention, but that he wrote to the Sub-Collector a letter which I have now seen for the first time, though I was furnished by the Collector with what I was led to believe was the whole correspondence. It will be seen from the last portion of Lieutenant Brockman's letter that the compensation appears to have been properly left out, because, if deducted from the expected gain, it would have shown that the gains would have been too small to have any chance of the scheme being sanctioned for execution.

From Lieutenant R. R. E. BROCKMAN, R. E., Executive Engineer, Vellore Range, to the Superintending Engineer, 4th Division, dated Vellore, 11th May 1871, No. 54.

With reference to your memorandum, No. 479, dated 8th May 1871, forwarding copy of memorandum No. 27, from Secretary to Government, dated 5th instant, calling for my reasons for omitting to ascertain and record what would be the water-spread of the Mailcoopum tank when restored, I have the honour to inform you that the water-spread of the tank is shown in the original plan for the restoration of the tank, and was accurately contoured and laid down in that plan by my own hands. With regard to my omission to record the amount of water-spread and not pointing out the fact of the submersion of the lands to the Collector, I have the honour to forward herewith copy of my letter, No. 140, dated 16th June 1868, to the Sub-Collector of the District upon the subject, from which it will be seen that I informed that officer that 40 cawnies of land (the area of the delineated water-spread on plan) would be submerged. I would just mention here that, if compensation were paid for the submerged lands, the profit to Government would have stood at so low a figure that there is very little probability that the project would have been sanctioned for execution.

From the Executive Engineer, Vellore Range, to the Acting Sub-Collector, North Arcot, dated Vellore, 16th June 1868, No. 140.

In reply to your letter, No. 242, with its enclosures, herewith returned, I have the honour to state that the village of Chenganatham is distant from the tank bund of Mailcoopum tank about 400 yards, and not 50 yards as stated in petitioners' Arzee, dated 12th February last. Their village will not be submerged, and only about 40 cawnies of land or thereabouts will be laid under water when the tank is full. By the retention of water in the tank the land lying above the water line will be greatly benefited, and what is now punjah might then be easily converted into nunjah cultivation. That the land and wells lying in the neighbourhood, that is about 800 yards distant westwards from the bund, will be flooded, is true enough, but once let the bund be constructed, spring water will abound in the valley, and may be obtained I doubt not at but a few feet from the surface. All cultivators and puttah-holders in the bed of any tank, "Shikast" through it should be, ought to be made aware that their tenure of their lands are only temporary. Land in the bed of old tanks is particularly fruitful, and cultivators in the same could recoup themselves for any expenditure incurred by them in one-half the space of time that others cultivating in ordinary lands could do. Hitherto the Chenganatham villagers have enjoyed their good things, and it is but fair that the Mailcoopum villagers should now have their turn, seeing that they have been deprived of the water of their village tank for nearly 20 years. I may remark, in conclusion, that no compensation for land submerged has been provided for in the estimate for repairs of the tank. I would suggest that the beriz that has hitherto accrued to Government year by year from the to-be-submerged lands be laid upon the Mailcoopum lands, which will benefit by the construction of the reservoir.

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14th June 1871.*

No. 217. ORDER THEREON, 14th June 1871, No. 1,592.

IRRIGATION, No. 13.

In the report now submitted the Superintending Engineer of the 4th Division furnishes full particulars of the circumstances under which the breach in the lately restored tank at Mailcoopum occurred, and states that he has come to the conclusion that the inhabitants of Chenganatham, a village, the lands of which are within the water-spread of the tank as restored, seeing their fields swamped and their village surrounded by water which, already within a few feet of their dwellings, was still rapidly rising, cut the bund.

2. The Government see no reason to question the correctness of the conclusion at which Colonel Wilkieson has arrived, and it is to be regretted that a work attended with such injurious results should ever have been carried out.

3. It appears that when the proposal to restore this tank was submitted for sanction, due consideration was not given to the question what would be the effect on the village above of holding up water in the restored tank at a level several feet above that at which it was formerly retained in the old tank, and that the point was not even alluded to in the papers laid before Government.

4. His Excellency the Governor in Council cannot but regard this omission as discreditable. There has been a want of care on the part of all the officers concerned in not having ascertained what extent of cultivated land fell within the water-spread of the restored tank, and it is probable that had complete information on this point been laid before Government the project would not have been sanctioned.

5. With regard to the proposal to restore the breach and carry out the project as originally designed, due compensation being made to the village of Chenganatham, the Government will probably concur with the Acting Chief Engineer in thinking that the work should be carried out in such a way that the water-spread of the tank should not submerge any of the arable land of the village above.

6. The Government would like to have before them an estimate of cost of re-construction as before sanctioned, including the compensation to be paid for arable land to be submerged, and also an estimate of the alternative project in which the water-spread should not submerge any arable land, the returns to be expected being shown in each case.

(True Extract.)

Colonel, R.E.,

Secretary to Government.

To the Superintending Engineer, 4th Division.
" Acting Chief Engineer for Irrigation.
" Revenue Department.
Erd. S. T. Augustin.

Gouverneur

Cobd. of {1871} Madras

PUBLIC WORKS.

To

THE SUPERINTENDING ENGINEER,

4th Division

Secy. Secy. Secy.

Dated June 11th.

Recd.

Encl.

G. O. 1443 June 1871, No. 1, 502

JUNE
Nos. 214-217

Mailcoo-pum Tank.—Passing orders on the report submitted by the Superintendent Engineer of the 4th Division furnishing particulars of the circumstances under which the breach in the lately restored tank at Mailcoo-pum occurred.

N^o 148

Sup^r Engr^s Office 4th Divⁿ
Madras 17th April 1871

From,

Colonel G. V. Wilkieson R.E.
Superintending Engineer 4th Divⁿ

To,

Colonel G. A. Orr R.E.
Secretary to Government P.W.D.
Fort Saint George

Sir,

In my letter N^o 3078 dated 27th October 1870, I reported to Government that the Mailcoo-pum High level Tank had been breached in the stormy weather in October last, and promised to send further particulars at an early date, but have not been able to do so before owing to a Magisterial investigation that has taken place, as Lieutenant Brockman suspected that the breach to the Tank was caused by certain villagers, cutting the bund. The report on this investigation was only received in this Office on the 30th March 1871. I have now the honor to report to Government the following circumstances with regard to this tank.

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2 Government in G. O. No. 3759 of 2nd December 1868 sanctioned an estimate for Rupees 6,320 for the restoration of the Mail-coorum high level Reservoir in the North Arcot District and the work was proceeded with under Lieutenant Brockman the range Officer. It consisted chiefly in making a bund 400 feet in length and 51 feet height and forming a calinguluh in an adjacent saddle, the crest of the Calinguluh being 42 feet above the bed of the stream. This work was finished in October 1870.

3 On the 18th of October Lieutenant Brockman visited the Tank and found all secure, and the new bund showed no sign of weakness except the revetment to the rear bund had slipped forward owing to the swelling of the new earth and the heavy falls of rain, but Lieut. Brockman did not consider any danger from this. During the night of the 19th a heavy fall of rain occurred being 11.80 inches and the water in the Tank was raised to 30 feet above bed. Again on the 20th there was 1 inch more of rain and the water rose gradually to 41 feet above bed or

or within one foot of the top of the Calinguluh. This river at dusk on the 21st and 9 P. M. on that evening the bund breached. When Lieutenant Brockman visited the tank on the 1st the bund appeared all right except as explained, and when the magistry and Cascar visited on the following days every thing seemed sound and strong.

4 A guard was kept on the bund as it was already reported that the inhabitants of Chenganathan whose village and lands were being swamped by the rising water intended to cut the bund to save their property, but the night in question was a very stormy one and the guard appears not to have kept a good watch and in the absence of any thing to account for the breaching, I am inclined to believe with Lieutenant Brockman that the bund was cut.

5 Lieutenant Brockman wrote to the Sub Collector for an enquiry, and the Sub Magistrate on the evidence given convicted certain persons of the offence but when it came

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The cost of the tank now reported as breached was Rupees 6,256 and Lieut. Brockman considers that the breach which is 150 feet top and 90 feet at bottom can be closed and two aqueducts rebuilt for about Rs. 4,000 plus say Rupees 1,000 for compensation and removal of the village of Chengana thum making a total cost Rs. 11,256. The additional revenue is estimated at Rupees 804 which will be 7 per cent in place of

13.75.

Total cost

46214

Submitted for
Report regarding the
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Mela Mankapuram
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Mela Mankapuram

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Report regarding the
works in the
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Mela Mankapuram

Revenue Irrigation

Detailed Estimate No. 11 of 1868/69

District North Arcot Taluk Arcot

Village No. Melcroppum

Work Constructing an aqueduct for Melcroppum Tank

New work
15

Nature of work	Measurement	Contents
Foundation to Abutments	2 11-6 7-6 4-0	690-
do Pier including cutwaters	1 10-6 6-6 4-0	273-
do Wing walls	4 6-0 3-6 4-0	336-
Superstructure stone in chunam		
Abutments	2 10-6 0-3	360-
do	2 10-5 6-1	110-
Pier	1 6-5 3-0	90-
Cutwaters	2 5-0 9-3	22-6
Wing walls	4 6-2 4-0	192-
Total Cubic feet		2073-6
or cubic yards of stone in chunam		76-27
Superstructure Brick in chunam		
Abutments	2 10-4 6-2	180-
Pier	2 10-12 2-6	600-
Cap of cutwaters	1 7-6 5-0	28-12
Spandrel over the pier	1 6-10 1-6	90-
Wing walls	4 6-2 8-0	382-
Face walls over the abutments	4 6-1 6-3	108-
do over the pier	4 15-1 6-2	326-
Parapet walls	2 82-1 3-2	410-
Total cubic feet		1995-15
or cubic yards of brick in chunam		72-27
Arch work	2 31-6 2-0	744-
Total cubic feet		744-
or cubic yards of arch work in chunam		27-27

What part of work

Measurement
L B H

Quantity

Abstract

17

Items of work

Rate Amount

Rough stone apron
Total cubic feet 2 24-6-2-57

or cubic yards of rough stone in chunam 57 76-24
Plastering to interior 21 73-24
do to abutments with cutwaters 2 29-6-31 27-15

do to pier 2 12-3-9 91
do cutwaters 2 6-3-31 21-27

Plastering exterior 2 6-3-9 45 24-25
do face walls 4 17 5 31 150-27
do Wing walls 2 35 11 11-15

do parapet wall 4 6-6-11 144
Total square feet 2 83-6-9-6 158

or square of chunam plastering 2425
Excavation to abutments 2 12-8-4-768

do do 2 10-6-12-1448
do to pier 1 11-7-4-308

do Wing walls 4 6-4-4-304
do do 11 6-2-12-576

do Apron 2 24-6-2-576
Total cubic feet 4052

or cubic yards of earthwork 150-27
Filling earth over the pier 1 26-3-2-6195

do over the abutments 2 10-3-2-120
Total cubic feet 315

or cubic yards of 11-16
27

Cubic Yards of stone in chunam 1 12 134 5 9
do of Brick 3 4 268 2 2
do Archwork 4 110 3 4

Centering of an arch 27 8 11
do Rough stone Apron 8 10 10 8

Square of chunam Plastering 1 12 42 7 0
Cubic yards of Excavation 1 9 6 0

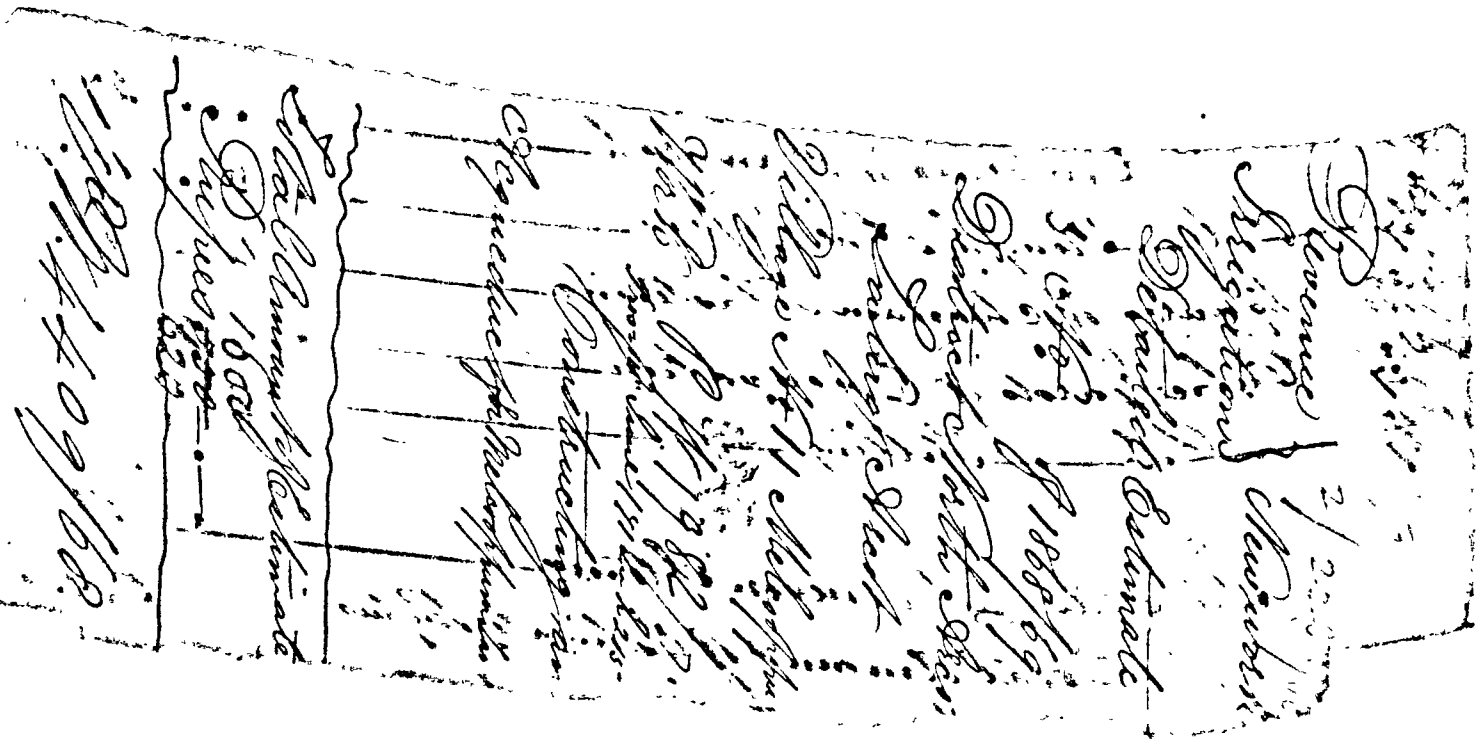
do Filling 9 8 9
Sundries and Unseen Items 85 4 9

Total Amount of Estimate Rupees 5744 5 0

Vellore Range Office
Vellore 22 April 1868

W. B. Forbes Lieut. R.E.
Assistant Engineer Vellore Range

A. B. Leach Lieut. R.E.
Superintendent Engineer 4th Div.



On the 2nd December 1868 Government sanctioned estimates amounting to Rs 6320 for the restoration of the Mailcoo pump tank situated among the annual fields of the Cheygar in the North Arcot District. The additional Revenue to be derived from the restored tank was estimated at Rs 804. The work, viz. closing the old breach, raising the bund, & cutting an escape through a limestone saddle beyond a small hill at the south end of the bund, was completed last October, & the bund was again breached during the heavy rains of that month.

The retorted fund was constructed to hold water up to 25 feet (above bed of stream) the sill of escape being at the 12 feet & top of fund at the 57 feet levels respectively but when the tank filled it was found that greater part

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the proposed full tank level & before any water
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be entirely under water if the tank surface rose
6 feet above the level of the sill of escape.

Lieutenant Brockman the officer
who drew up the original project is to blame
for not having drawn attention to this when
reporting on the proposed works: it was his
duty to determine by contour levels the exact
limits of the waterspread of the tank at the
highest possible level & having thus ascertained
that the lands of Chenganattom would be
submerged and the village itself be rendered
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for compensating the Ryots for the loss of their
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Colonel Wilkinson recommends that the breach
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Intd: George H. R. Esq. Captain R.E.
1st May 1871 } Ag. Chief Engineer for Irrigation
To

The Secretary to Government
C. W. Department

N^o 591

Superintending Engineer's Office
4th Division
Madras 15th May 1871

From

Colonel C. D. Withersow Esq.
Superintending Engineer
4th Division

To

Colonel J. Macpendale Esq.
Secretary to Government
Public Works Department

Sir

In reply to memo of the 5th May 1871 calling for further information from Lieut. Brockman about the Mailcooper's high level tank, I have the honor to forward his reply by which it will be seen that the subject of compensation did not escape his attention, but that he wrote to the Sub Collector a letter which I have now seen for the first time though I was furnished by the Collector with what I was led to believe was the whole correspondence.

Y^{rs}

Encls: 1.

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16th December 1870
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to the Secretary to
Government

for signature

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N^o 591

Frank

Colonel C. V. Wilkieson Lt. Col.
Superintendent Engineer
Ft. Quinson

S. Jay

Colonel J. Carpenter Esq.
Secretary to Government
Public Works Department

W. H. C.

In reply to memo of the 5th May 1871 calling for further information from Lieut. Prockman about the Mailcoopers high level tank, I have the honor to forward his reply by which it will be seen that the subject of compensation did not escape his attention, but that he wrote to the Sub collector a letter which I have now seen for the first time though I was furnished by the collector with what I was led to believe was the whole correspondence.



Dec 2 at Newmarket 1890

1874-1875
The City of London
The City of London

7th August

of the Secretary

Document 1980

Feb 27. 1871

Sept 26 - Day - 2

Feb 10th
Eugene D. ...

Not in a Report from

Signature of Engineer

Deum Regiam in
tracis in de Fundo

Wanderer's Song

It will ^{be} seen from the last portion of
Lieut Brockman's letter that the
compensation appears to have been
properly left out as if deducted
from the expected gain that it would
have shown that the gains would
have been too small to have
any chance of the scheme being
sanctioned for execution. —

because

I have the honor to be

Your most Obedt Servt

Wm J. G. Columbus R.R.
Superintendent

Yellow Range Office
Yellow, 11 May 1871

N^o 54.

27
To
Lieut. A. R. E. Brockman, Ar.,
Executive Engineer,
Yellow Range
The Superintending Engineer,
4th Division,

Sir,
With reference to your Memo. N^o 479 dated 8 May 1871 forwarding copy of Memo. N^o 27 from Secretary to Government dated 5 instant, calling for my reasons for omitting to ascertain and record what would be the water spread of the Mailcaspuo Tank when rectorid, I have the honor to inform you that the water-spread of the tank is shown in the original plan for the rectoridation of the tank, and was accurately contoured and laid down in that plan by my own hands. With regard to my omission to record the amount of water-spread and not pointing out the fact of the submercion of the lands to the collector, I have the honor to forward herewith copy of my letter N^o 140 dated 16 June 1868 to the Sub-collector of the District upon the subject, from which it will be seen that I informed that officer that 40 carriers of land (the area of the delineated water-spread on plan) could be submerged.

The plan does not show the water spread within the water spread.

The fact concerning the fact of the submercion of the lands to the collector, I have the honor to forward herewith copy of my letter N^o 140 dated 16 June 1868 to the Sub-collector of the District upon the subject, from which it will be seen that I informed that officer that 40 carriers of land (the area of the delineated water-spread on plan) could be submerged.

10 May 1871

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10 May 1871

Compensation for lands submerged has been provided for in the estimate for repairs of the Emb. I would suggest that the levy that has hitherto accrued to Government year by year from the to be submerged lands be laid upon the Melospam lands which will benefit by the construction of the Reservoir.

I have the honor to be &c

(True Copy) / Sd P P C Broekmans Esq. PC
Executive Eng. Vellore Range

A R B Srinivas, Esq. PC
Executive Engineer Vellore Range

Section 14

Public Works Department
No 1592
Proceedings of the Madras Government

Under date the 14th June 1871.

Eng. 4th on
the 14th June 1871

the following
17th April 1871
1st May 1871
15th May 1871

[Faint, mostly illegible handwritten text in a vertical column]

Report now
Supy Engineer
urnished
s of the
under
in the
tank at
occurred,

It has
come to the conclusion
that the inhabitants of
Chengamuttom, a village
the

Compensation for land submerged has been provided for in the estimate for repairs of the Tank. I would suggest that the levy that has hitherto accrued to Government year by year from the to be submerged land be laid upon the Mailcoosum lands which will benefit by the construction of the Reservoir.

I have the honor to be

Yours faithfully
Sd/- P. W. Brockman Esq. Secy to the
Public Works Department

P. W. Brockman Esq. Secy to the
Public Works Department
11th June 1871

From
The Supy Engineer
Vellore Range

To The Supy Engineer,
11th Div.

Dated 11th
Recd. 3rd May 1871

7. 10. 54.
Encl. one

Subject
Inform, with reference
to Memo. No. 1479 dated
8th May 1871, that the
ration head of Tank
Mailcoosum
is shown in the
original plan of the
restoration of the
tank and was se-
curably continued
and laid down in
that plan by his
own hands.
P. W. 2229/71

Papers
as

Public Works Department
No. 1592
Proceedings of the Madras Government

S. Engr. 4th Div. Under date the 14th June 1871.

Note by the Asst. Engr. for the
for Engr. No. 104 of 17th May 1871

From The Supy Engineer
11th Division

I think that a special report
should be called for showing whether
it would be more profitable to restore
the work with an escape at a lower
level so as to submerge the
available lands of the village or to
rectify it to its full height, according
to the recent plan made by the
for completion of the village.

J. S.
11th Div.

In the report now
submitted the Supy Engineer
11th Division furnishes
full particulars of the
circumstances under
which the breach in the
lately restored tank at
Mailcoosum occurred,
and states that he has
come to the conclusion
that the inhabitants of
Chengamuttom, a village
the

the lands of which are with
in the water spread of the
tank as restored. Seeing their
fields swamped and their
village surrounded by water
which, already, within a
few feet of their dwellings
was still rapidly rising,
cut the bund.

2. The Government
see no reason to question
the correctness of the con-
clusion at which Colonel
Wilkeson has arrived, and
~~and consider that under~~
~~the circumstances the act~~
~~is imputed to the villagers~~
~~was justifiable.~~ it is to be
regretted that a work attended
with such injurious results
should

3. It appears that
when the proposal to
restore this tank was
submitted for sanction
due consideration was
not given to the question
what would be the effects
on the village above of
holding up water in
the restored tank at a
level several feet above
that at which it was
formerly retained in
the old tank, and that
no point was even
alluded to in the papers
laid before Govt.
4. His Excellency
the

The Pioneer in Council
cannot but regard this
decision as discreditable.
There has been a want
of care on the part of
all the Officers concerned
in not having ascertained
what extent of cultivated
land fell within the
water spread of the restored
tank. and it is probable
that had complete in-
formation on this point
been laid before Govern-
ment the project would
not have been sanctioned.

5. With regard
to the proposal to restore
the breach and carry
out the project as originally
designed.

designed, due compen-
sation being made
to the Village of Chew-
gamuttom, the Govt
concur with the Acting
Chief Engineer in
thinking that the work
should be carried out
in such a way that
the water spread of the
tank should not sub-

merge any of the arable
land of the Village above.

The Government would like
to have before them an estimate of
cost of reconstruction as before, and
including the compensation to be paid
for arable land to be submerged,
and also an estimate of the alternative
project in which the water spread
should not submerge any arable
land, the returns to be expected
being shown in each case.

To The Supg Engr
of the L. D. W.
Chief Engineer
for Irrigation
Rev. Secy.

H.
Mar 30th

Staff 15th June 1877.

Govt of 1871 Madras.

PUBLIC WORKS.

To The Superintendent Engrs
4 Division

Dated

Recd.

Encl. 5

G. O. 14 June 71, No. 1592.

Nos. 214 (a & 1)

[Faint handwritten text, likely a memorandum or letter body, mostly illegible due to fading.]