M.R.O. 1—77,006—8-6-37.

(1) Number of pages 34

(2) Date of repair 13-3-43

(3) Initials of the Referencer

MADRAS RECORD OFFICE.

Government of Madras.

Public Works DEPARTMENT.

G.O. No. 153. Press / Mis.

310-313

Dated 17-1-1867.

Not to be folded or roughly handled

Proceedings of the Madras Government, Public Works Department, 17th January 1867.

Read the following papers :—

No. 310. Endorsement of the Superintending Engineer, 4th Division, dated Madras, 21st December 1866, No. 3,803.

From the Executive Agent, Mount Range, to the Superintending Engineer, 4th Division, dated Guindy, 12th December 1866, No. 900.

1. I have the honor to transmit a statement showing the state of tanks in this range brought to my notice, and nearly the whole of which have been inspected by me. Enclosure 1.

2. The most extensive accident is the portion washed away from the extremity of the Namum tank bund, this was occasioned by the tank being over-charged, and the bund not being of sufficient length.

3. The villagers are now constructing a ring-bund, on the completion of which immediate steps will be taken to repair the bund.

4. The breach in Poroor tank is owing to the want of a calingulah, and I beg to take this opportunity to request your consideration of Captain Roger's letter ; No. 177, dated 16th June last, forwarding plan and estimate of a calingulah for the said tank.

5. The other breaches are not considerable, and I am of opinion that the average cost of repairs to each tank will not exceed Rupees 50.

6. I have ordered the repairs to be done on emergency, and will submit estimate for sanction as soon as possible.

Statement showing the present condition of tanks in No. 2 or Mount Range, Madras District.

Name of Village or Tank.	Locality.	Remarks.
Namum tank	Near Koratoor.	This tank has been breached, or rather the extremity of the bund has been washed away to the extent of thirty yards. No loss of water is occasioned, as the water is three inches deep running over the calingulah, and the ring-bund is being constructed.
Piddalacoopum tangle ...	Near Turoomoothy ...	One small breach. Has been repaired.
Peddawaukum tank	Near Poonamallee ...	Two breaches. Orders issued for immediate repair.
Codumbaukum tank	Near Codumbaukum...	Sluices and bund to repair.
Verayunbaukum tank ...	Between Poroor and do.	One breach. Orders issued for immediate repair.
Nassapaukum tangle ...	Do. do.	One small breach, do. do.
Nundumbaukum two tangles	Do. Mount and Poroor	One breach in each, do. do.
Vallasarawaukum tangle	Near Poroor	One breach, do. do.
Poroor tank	Do. do.	Do. do. do.
Menumbaukum tangle ...	Do. Pallaveram ...	Do. do. do.
Pootandalum tank	Do. do.	Four breaches, do. do.
Neimungalum tank	Beyond Pallaveram ...	Three , do. do. do.
Canajum tank	Near Guindy	Three small do. do. do.
Tarramoorny tangle... ...	Do. do.	Three breaches, do. do.
Madawaukum tank	Near Pullicarney ...	One breach, do. do.
Hootumbaukum tank ...	Do. do.	Four breaches, do. do.
Pullicarney tank	Do. do.	Two do. do. do.
Valacherry tank	Do. Valacherry ...	One breach and sluice to repair, do.
Modoora Vaiul tank ...	Between Poroor and Codumbaukum.	One do. do. do.
Hoolajiram tangle	Near Valacherry ...	One small do. do. do.

GUINDY,
12th *December* 1866.

(Signed) O. H. COWLEY,
Executive Agent, Mount Range.

discharge

1 Statement. Submitted to Government for information.

(Signed) A. J. M. BOILEAU, Colonel, R. E.,
Superintending Engineer, 4th Division.

No. 311. Endorsement of the Superintending Engineer, 4th Division, dated Madras, 21st December 1866, No. 3,804.

From the Acting Executive Engineer, 4th Range, Madras District, to the Superintending Engineer, 4th Division, dated Camp, Caroongooly, 12th December 1866, No. 207.

1. I have just returned from inspecting the new salt road from Cheyoor to Chotapaukum, which was reported to me to have been damaged by the late heavy rains.

2. The road has been again breached in the same places where breaches occurred last year, and reported in my letter No. 194 of 10th January 1866, the cause was therein stated and the means for preventing a recurrence suggested.

3. The surplus water from the Valunganur tank, situated at the eighth mile, flows along the side of the road for a distance of about 100 yards, and crosses it through a culvert built for the purpose, the culvert was found to be too small to discharge the water freely, and an estimate was forwarded by me for an additional culvert in that mile.

4. In the ninth mile there is a culvert of three vents, each six feet in span; this culvert was also found to be insufficient for the free discharge of water collected on the south of the road, and an estimate was forwarded by me for an additional culvert in that mile also.

5. This year, however, the Onambaukam tank (Shrotrium) breached, and has been the chief cause of the damage, the water toppled over the road embankment, and cut it up considerably for a distance of a quarter of a mile. I say chief cause, because the openings made by me in the embankments for the construction of the culverts sanctioned in your Memorandum No. 2,604, dated 11th September 1866, would have been sufficient to carry of local drainage.

6. As soon as the weather will permit, the culverts will be proceeded with, and the repairs of the damage above reported will be executed out of the savings effected on the estimate sanctioned in your Memorandum No. 607 of 15th June 1866.

7. I take this opportunity of informing you that most of the Zemindary tanks in the neighbourhood of the road are in a dangerous state.

Submitted to Government for information.

(Signed) A. J. M. BOILEAU, Colonel, R. E.,
Superintending Engineer, 4th Division.

No. 312. Endorsement of the Superintending Engineer, 4th Division, dated Madras, 21st December 1866, No. 3,805.

From the Supervisor in charge of No. 1 or Wallajah Range of North Arcot, to the Superintending Engineer, 4th Division, dated Ranneepett, 10th December 1866, No. 237.

Reports another heavy flood in the River.

I have the unpleasant task of reporting another heavy flood. Sunday, the 2nd instant, light rain all day; Monday, the 3rd, nearly the same. Tuesday morning, the 4th, had a bad appearance. Palar river water increasing, Madras channel head open, others closed as Mr. Ottmann had written he wanted all the water I could send, so I was all day on the Palar anicut and Madras channel in a cold drenching rain, all was put in order. Wednesday heavy flood; Thursday the same, Madras channel full; weather looking better, but heavy showers until evening; but from that to midnight one constant downpour, and on to-day light heavy showers; so that on Friday morning, the 7th instant, all was inundated, nothing but water everywhere, all vents in the Palar anicut body being open was fortunate indeed, that drew the heavy current away from the channel's head sluice, which stood the flood, keeping Madras channel full, and no more. However, for some time, tanks, channels, and rivers were as one, nothing but water. I have seen and examined the Palar anicut body this morning and found nothing to report, the apron is yet under water. I fear we will have damages. I know of little yet in this range, but will fill any emergent breaches at once I know of them, and forward estimates after inspection.

From the Supervisor in charge of No. 1 or Wallajah Range of North Arcot, to the Superintending Engineer, 4th Division, dated Ranneepett, 13th December 1866, No. 241.

2nd Report of the late floods in Wallajah.

1. In continuation of my letter No. 237, dated 10th December 1866, about the heavy floods of last week, I further beg to inform you that the late floods have been truly awful, the valley under Perincanjee tank down to Minel, ten miles in length, has been under water for three miles wide, how any tank there escaped utter destruction is inexplicable, yet I only know of eight small breaches in that valley, and four of those are where calingulahs are estimated for. On Monday evening last I received notice from the Monigar of Polivakum that his tank* was breached. I ordered a ring bund, and yesterday morning went to inspect, and found that Village Monigar constructing as I had ordered, but to my astonishment the Revenue Inspector was filling the breach by order of the Wallajah Talook Tahsildar at a cost of *Rupees* 70. I desired that work to be discontinued, as that is just the place where the north *wing-wall* of the *calingulah* is *to be built;* the cut is a saving if left alone, the ring-bund would allow that calingulah repair to go on as soon as the weather settles, but should the Tahsildar fill the breach it will delay the repair and cost Rupees 50 to cut it out again. *Total Rupees* 120 *wasted.*

* A promise of payment. Work estimate Rupees 1,400.

2. One mile down stream is our newly repaired great Cundum, and head sluice of Tuppoor tank. The two former are uninjured, but the latter, *i. e.*, the tank,

has had its old calingulah swept away, nothing remains but a portion of the apron; the bund has been inundated, no breaches, yet sorely washed its channel bund has been cut in two places, those I ordered to be filled. One mile further down stream is the Conatoor large tank channel† Cundum, but has not suffered, although the water overflowed its wings and all for over six hours. In its channel a breach will be found where each calingulah is estimated. Small ring bunds have been constructed in each until the calingulah's estimates are sanctioned. One place in that channel the bund has been swept away for sixty yards long, but the channel has been scoured out there, so the supply is not interrupted, and I never did see Conatoor large tank so full as it is this day. I then, after fourteen hours' travel in a drenching rain, returned to Ranneepett to see Mr. Wilkinson about the Tahsildar's waste of money. The Head Assistant Collector proceeded to put a stop to such work of which he knows little, as the Collector, Mr. Robinson, has sent orders to all Tahsildars to at once fill every breach, or he will hold them personally responsible. The eastern channel head was closed at Poiney anicut, yet the torrent was so awful from the mountains that Rendady Avaram tank calingulah could not hold half the water which overflowed the bund, and cut it just south of the Calingulah, this I have ordered to fill, and will send an estimate to lengthen that calingulah by ten yards; this is all the damages I know of yet. But I fear we will not hear the end of last week's destruction soon; weather as bad as ever, rain on again.

† Earthwork sanctioned and going on on promise of payment; estimate Rupees 2,618.

1 Letter, No. 237, dated 10th December 1866.
1 Telegram, No. 50, dated 8th ,, ,,

Submitted to Government for information.

(Signed) A. J. M. BOILEAU, Colonel, R. E.,
Superintending Engineer, 4th Division.

No. 313. ORDER THEREON, 17th January 1867, No. 153.

CIVIL WORKS, No. 69.

See paragraph 7 of Mr. Leggatt's letter, dated 12th December 1866.

The Superintending Engineer should address the Collector on the subject of the alleged dangerous condition of the Zemindary tanks in the neighbourhood of the Cheyoor and Chotapaukum road.

(True Extract.)

(Signed) CHARLES A. ORR, Colonel, R. E.,
Secretary to Government.

To the Superintending Engineer, 4th Division.
,, Controller of Public Works Accounts.

Exd. S. T. Augustin.

Statement showing the present Condition of Canals in No 2 or Bronx Range Harlem Section

7

Name of Village or Canal	Locality	Remarks.
Harlem Canal.	Near Manhattanville.	This Canal has been breached, or rather the Retaining Wall has been washed away to the distance of 30 yards. No loss of Water is occasioned, as the Water is 3" high running over the Calvingut ah and the Ring Bank is being Constructed.
Kolokokoo Penn	Canal	Near Carmansville	One Small Branch. Has been Repaired.
Kokkawau Penn	Canal	Near Manhattanville	Two Branches. Orders issued for immediate Repair
Cockenbow Penn	Canal	Near Columbus Penn	Sluices and Bank to Repair
Vrayenbow Penn	Canal	Belgian Power and do.	One Branch Orders issued for immediate Repair
Nassapan Penn	Canal	do — do —	One Small Branch — do — do —
Rumsdam Bow Penn	2 Canals	do Bronx & Power.	One Branch Each — do — do —
Callowaran Penn	Canal	Near Power.	One Branch — do — do —
Power Canal.	— do —	— do —	— do — do — do —
Minnen Penn	Canal	Near Callowaran	— do — do — do —
Portandalum	Canal	do — do —	Four Branches — do — do —
Rommengalum	Canal	Beyond Callowaran	Three do — do — do —
Canagum	Canal	Near Spuyten Duyvil	Three Small do — do — do —
Perramming	Canal	— do — do —	Three Branches — do — do —
Mastan Penn	Canal	Near Callicanny	One Branch — do — do —
Hostenimbow Penn	Canal	do — do —	Four Branches — do — do —
Callicanny	Canal	do — do —	Two do — do — do —
Valachkerry	Canal	Near Valachkerry	One Sluice and Sluice to Repair — do — do —
Modonna Canal	Canal	Belgian Power & Columbia Penn.	One do — do — do —
Horlapenn	Canal	Near Valachkerry	One Small do — do — do —

Ex Guth Office
Spuyten Duyvil
12th December 1865

C. H. Conley
Ex Guth Bronx Range

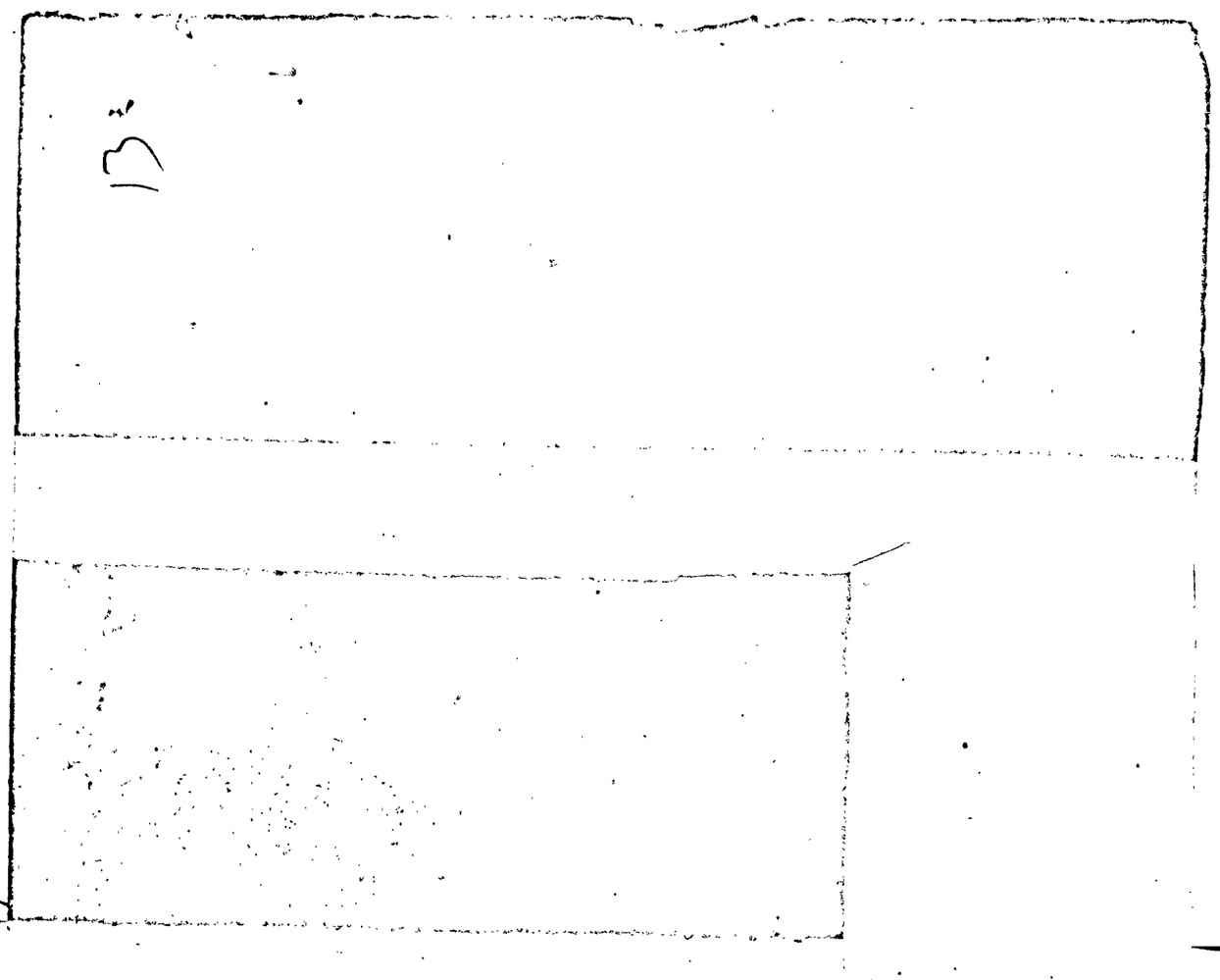
The Executive Agent
Mount Pleasant
The Superintendent Engineer
& Overseer Present.

I have the honor to transmit a Statement shewing the State of Land &c in this Range brought to my notice and mostly the work of which have been inspected by me.

The most destructive accident is the portion washed away from the Embankment of the Nammum Lair & Bund, this was occasioned by the Land & being overcharged, and the Bund not being sufficient long the.

The Villagers are now constructing a Ring Bund on the completion of which immediate steps will be taken to Repair the Bund.

The



No. 3803.

Enclosure
1 Statement

Submitted to Government
for information. —

Supt. Engr's Office 4th Div.
Madras 20th December 1866

Atwieau Col R.E.
Supt. Engr 4th Div.

To,
Colonel C. A. Orr R.E.
Secretary to Government P.W.D.
Fort Saint George

P. W. 1866 Dept.
Proc.ᵍ Gen.ˡ Jan.ʸ
Facᵗ № 222

The Superintending Engineer
4th Division

To

The Secretary to Govern-
ment P. W. Department

Dated 24 December 1866
Rec.ᵈ 28 December 1866

№ 3803.

Enclosure 1

Submitting for information a Letter and a statement from the Executive Engineer of Salem in the case of ...

№ 15 ... Jany 1867

№ 310.

Rec.ᵈ 2nd Jany 1867 Pa. 12
" 3rd Jany 1867. Pa. 1

№ 207.

From

W. B. Leggett Esqr.
Asst Executive Engineer in Charge
Madras District

To

Colonel J. J. M. Beadon C.B.
Superintending Engineer 4th Division

Sir,

I have just returned from inspecting the New Salt road from Cheyoor to Chotpaukam which was reported to me to have been damaged by the late heavy rains.—

2. The road has been again breached in the same places where breaches occurred last year and reported in my letter №194 of 10th Jany/66 the Cause was therein stated and the means for preventing a reoccurence suggested

3. The surplus water from the Velunganiur tank situated at the 8th Mile flows along the side of the road for a distance of about 100 yards and Crosses it through a Culvert built for the purpose the Culvert was found to be too small to discharge the water freely and an Estimate was forwarded by me for an additional Culvert in that Mile

4. In the 9 Mile there is a Culvert of 2 Vents each 6 Feet in span this Culvert was also found to be insufficient for the free discharge

discharge of water collected on the South of the road and an Estimate was forwarded by me for an additional Culvert in that Mile also.

5. This year however the Onambakkam Tank (Chatrium) breached and has been the Chief Cause of the damage the water toppled over the road embankment and cut it up Considerably for a distance of a quarter of a Mile Day Chief Cause because the openings made by me in the Embankments for the Construction of the Culverts Sanctioned in your Memo No. 2804 dated 11 September/66 would have been sufficient to carry off local drainage.

6. As soon as the weather will permit the Culverts will be proceeded with and the repairs of the damage above reported will be executed out of the savings effected on the Estimate Sanctioned in your Memo No. 607 of. 15th June 1866.

7. I take this opportunity of informing you that most of the Zemindary Tanks in the neighbourhood of the road are in a dangerous state.

I have the honor to be
Sir
Your most Obt Servant

W. A. Leggett

Superintending Engineer 4th Range
Madras District

No. 4 Range Office
Camp Tarapoyah
Madras Coast Road
12th Dec. 1866

3

From The Ag Executive Engineer
4th Range

To The Supdg Engineer
4th Division

Dated 12th Dec 14th December 1866

Rd 21st

No 207

Reports the damage sustained by the road from Cheyoor to Cholpauttam during the late heavy rains.

No 3804.

Submitted to Government for information.

A Boileau Lt Col
Sup Engr 4th Div

Sup Engr Office 4th Div
Madras
21st Dec 1866

P. W. 1866 Depts
Rec'd Goods for January
No 223

From

The Superintending Engineer
4th Division

To

The Secretary to Government
P. W. Department

Dated 21st December 1866
Rec'd 22nd "

Submitting a report from the Executive Engineer 4th Range Madras District of the damages sustained by the Road from Cheyaur to Chotpaukum during the late heavy rains
No. 153 - 17th January 1867.

No 311.

R.C. 9th Jany 1867 Rs. 12th
C. 3rd Jany 1867 Rs. 7th

(T. 123)

Paid Message
Receiving Form
For Delivery.

MADRAS RAILWAY ELECTRIC TELEGRAPH.

NOTICE.

NOTICE.—The Madras Railway Company forward paid Messages for the public on the following conditions:
1st. That the Wires are not occupied by Messages relating to the Company's Service.
2nd. That the Company are not held responsible for the accuracy of the Message, or any delay in its transmission or delivery from whatever cause it may arise.

21

The following Message received at Cuttack Station from Cuttack Station on 186

From	To
Name Executive Officer	Name Executive Engineer
and Address Pooree Circle	and Address Cuttack

Sent off the Annexed Rail Supply Cuttack Secunderabad Express.

Signature

Signaller in charge

No enquiry respecting this message can be attended to without the production of this paper

No 237.

From.

No 10 Vallayah Range Office
Rameespett 10th December 1866

Conductor D Booth Superviser,
In charge of No 10 Vallayah Range of Sct. a.

To.

The Superintending Engineer,
Le Division
Madras.

I have the unpleasant task of reporting another heavy flood, Sunday the 2nd Instant Light rain all day, Monday the 3rd nearly the same, Tuesday Morning, the 4th had a bad appearance. Palar River water increasing, Madras Chamel Head open others closed as Mr Cotman had written he wanted all the water I could send, so I was all day on the Palar Anicut, and Madras Chamel in a cold drenching rain all was put in order, Wednesday heavy flood Thursday the same Madras Chamel full, weather looking better but heavy showers until evening, but from that to Midnight one constant downpour, and on to day light heavy showers, so that on Friday morning the 7th Instant all was inundated, nothing but water every where, all Vents in the Palar Anicut Body being open, was fortunate indeed that drew the heavy current away from the Chamels Head Sluice, which stood the flood keeping Madras Chamel full and no more. However for some time, Tanks, Chamels and Rivers were as one, nothing but water. I have seen and examined the Palar Anicut Body this

this morning and found nothing to report. the apron is yet under water. I fear we will have damages. I know of little yet in this Range, but will fill any emer= =gent breaches at once. I know of them and forward Estimates after inspection.

I beg to Remain,
Sir,
Your Most Obed.t Servant

J Smith. Supervisor,
In charge of No. 1 Walloja Range
of T. A.

North Arcot District

No. 1 or Wallajah Range

From.

Conductor D'Booth Supervisor

Incharge of No. 1 Wallajah Range of N.A.

To,

The Superintending Engineer

1st Division

Madras.

Dated 10th Dec. 1866

Recd. 13 Dec. 1866

No. 237

Enclosure None

Reports another heavy flood a deluge known of little damage but will stand make all secure at

Recd 13 Dec 1866

No. 241.

From.

No. 1 or Wallajah Range Office

Ramesseram 13th December 1866

Conductor D'Booth Supervisor

Incharge of No. 1 or Wallajah Range of N.A.

To,

The Superintending Engineer

1st Division

Madras.

Sir,

2d Report of the late Floods in Wallajah

In continuation of my letter No. 237 dated 10th December 1866 about the heavy floods of last week, I further beg to inform you that the late floods has been truly awful, the valley under Perincanjee Tank down to Nimel 10 Miles in length has been under water for 3 Miles wide, how any Tank there escaped utter destruction is inexplicable, yet I only know of 8 small breaches in that valley and four of those are where Caligula's are estimated for. On Monday evening last I received notice from the Monigar of Polivakum that his Tank was breached. I ordered a ring bund, and yesterday morning went to inspect, and found that Village Monigar's constructing as I had ordered, but to my astonishment the Revenue Inspector was filling the breach by order of the Wallajah Taluq Tahsildar, at a cost of Rs. 70. I desired that work to be discontinued as that is just the place where the North wing wall of the Caligulah is to be built the cut is a saving if left alone, the ring bund would allow that Caligulah repair to go on, as soon as the weather settle, but should

† A Treasure of Pursuit

should the Tahsildar fill the breach it will delay the repair and cost Rs 50 — to cut it out again. Total Rs 120 wasted

One Mile down stream is our newly repaired great Condom and Head Sluice of Tuppoor Tank. The two former is uninjured but the latter, i e, the Tank has had its old Calingulah swept away, nothing remains but a portion of the apron, the bund has been inundated, no breached, yet sorely washed its channel bund has been cut in two places those I ordered to be filled; One Mile further down stream is the Conatoor Large Tank Channel Condum, but has not suffered although the water over flowed it wings, and all for over 6 hours. In its Channel a breach will be found where each Calingulah is estimated. Small ring bunds have been constructed in each until the Calingulahs Estimates are sanctioned. One place in that Channel the bund has been swept away for 60 yards long, but the Channel has been scoured out there, so the supply is not interrupted, and I never did see Conatoor Large Tank so full as it is this day. I then after 1½ hours travel in a drenching rain I returned to Ramneepett to see Mr Wilkinson about the Tahsildar's waste of money, the Head Asstt Collector proceeded to put a stop to such work of which he knows little, as the Collector Mr Robinson has sent orders to all Tahsildars to at once fill every

+ Estimate & Condum not forwarded as Requisite Engineer absent 22.7.78

breach or he will hold them personally responsible. The Eastern Channel Head was closed at Poiney Anicut, yet the torrent was so awful from the Mountains that Rendady Anaram Tank Calingulah could not hold half the water which overflowed the bund, and cut it just south of the Calingulah, this I have ordered to fill and will send an Estimate to lengthen that Calingulah by 10 yards this is all the damages I know of yet. But I fear we will not hear the end of last weeks destruction soon weather as bad as ever rain on again.

I beg to Remain,

Sir,

Your Most Obedt Servant

J Booth Supervisor

In charge of No 1 or Vellajah Range

of T. A.

North Arcot District

No. 1 or Vellajah Range.

From. No. 5084.

Conr. D'Broth. Supt.

In charge of No. 1 Vellajah Range Collectorate

To,

The Supty. Engineer

4th Division

Madras

Dated 13th December 1866

Recd. 14 December 1866

No. 2541.

Enclosure. None.

A Second report on last Week's floods and the destruction in the Tirumalpaud Valley which are trifling considering the Abnormal Weather just past

Submit this & former Letter in original as called for by Govt. &c.

No. 3805.

Enclosure
1 Letter No. 2374 dy
to 10th Dec. 1866.
1 Telegram No. 50
dy 10th Dec. 1866.

Submitted to Government for information.—

Supty. Engr. Office 4th Dy. Madras 21 December 1866

A Bilcaen Capt. R.E.
Supt. Engr. 4th Dy.

To,

Colonel C. A. Orr R.E.
Secretary to Government
Public Works Deptt.

Public Works Department

37

No 153

No 153

PROCEEDINGS of the MADRAS GOVERNMENT

Under date the 17th January 1867

Read the following

From the Superintending Engineer, Here enter No 3803 dated 21st Decr 1866
4th Division

Do ——— Do ——— Do (Here enter No. 267 dated 21st do)

Do ——— Do ——— Do Here enter " 3805 " 21st do.

Ordered to be recorded

The Superintending Engineer should address the Collector on the subject of the alleged clandestine condition of the Zemindary tanks in the neighbourhood of the Cheyoor and Chotapauckum road.

See para 7 of Mr Leggatts letter of 12th Decr 66.

The S. Engr 4th Circle
Collector
Revenue Dept

Dept 18th January 67

20/3

From The Superintending Engineer 4th Division

To The Secretary to Government P. W. D.

Dated 21st December 1866
Rec'd 22nd

No 3805.

Submitting 2 letters from the Officers in Charge No 1 Range in the state of the Tanks since the late rains

No 312

Rec'd 9th Jany 67 Or. 12th
" 32 Jany 1867 Or. 7th

No 153 - 17th Jany 1867

(19)

P. W. 1867. Department.

Rec. of Govt. for January

No. 153

PROCEEDINGS OF GOVERNMENT. of Madras

Dated 17th January 1867

The Supt. Engr. of the
4th Dn. instructed to assist
the Collector of Madras
on the subject of the alleged
dangerous condition of tank
(Semiundary) near the Cheyoor
and Chotapaukum road.

No 3 to 8 & 13.

R.R. 9th January 1867 Pa. 12th
Sent 15th January 1867 Pa. 7th