

(1) Number of pages _____

(2) Date of repair _____

(3) Initials of the Referencer _____

MADRAS RECORD OFFICE.

Government of Madras.

Public Works DEPARTMENT.

G.O. No.	2911	Press
		Mis.
26-37		
Dated	3- 6-	18 65.

Not to be folded or roughly handled

*Proceedings of the Madras Government, Public Works Department,
3rd October 1865.*

Read the following papers :—

- No. 26. From Lieutenant-Colonel G. W. WALKER, R. E., Superintending Engineer, 7th Division, to Colonel C. A. ORR, R. E., Secretary to Government, Department Public Works, dated Coonoor, 15th May 1865, No. 11.

SIR,

With reference to G. O. No. 1,238 of 8th May, I have the honor to report that the Collector of Malabar and myself have agreed as to the propriety of the transfer of the Irrigation Conservancy Establishments of that District to the Revenue Department, as already reported in my letter, No. 131 of 12th October 1864.

- No. 27. From Lieutenant-Colonel E. A. FOORD, R. E., Superintending Engineer, 5th Division, to Colonel C. A. ORR, R. E., Secretary to Government, Department Public Works, dated Salem, 7th June 1865, No. 417.

SIR,

With reference to the Order of Government of the 8th of May, No. 1,238, I have the honor to report that I have communicated with the Collector of South Arcot, and he is averse to the transfer of the Conservancy Establishment of that District to his Department. I also consider that it will be much better to allow the establishment to remain as at present, under the Public Works Department.

2. There is no establishment in Salem.

- No. 23. From V. H. LEVINGE, Esq., Collector of Madura, to Colonel C. A. ORR, R. E., Secretary to Government, in Public Works Department, dated Madura, 9th June 1865, No. 966.

SIR,

Adverting to the Order of Government in the Public Works Department, dated the 8th May last, No. 1,238, I have the honor to report that the only Conservancy Establishment in the District is three Cavigars, employed to watch the Sittanai and Peranai anicuts. They can, with advantage, be placed under the Revenue Officers, to which arrangement Captain Payne in charge of the Superintending Engineer's Office gives his assent.

- No. 20. From Captain J. G. RYVES, R. E., Superintending Engineer, 1st Division, to Colonel C. A. ORR, R. E., Secretary to Government, Department Public Works, dated Wotair, 13th June 1865, No. 277.

1 Statement.

* No. 1,238.

Collector of the Godavery District, regarding the disposal of the large of his District.

1. I have the honor to submit the report called for in the Order of Government, dated 8th ultimo, * though I regret that it will be incomplete owing to the being communicated to me his views on the Conservancy Establishment in

collect

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2. I am of the same opinion with the Collectors of Ganjam and Vizagapatam as regards the establishments in their Districts: and in accordance with that opinion now report that there is no objection to the transfer of these establishments to the Revenue Department.

	Per annum.	RS.
Ganjam	...	618
Vizagapatam	...	528

The annual charge of which the Public Works Establishments will be relieved by this transfer is shown in the margin.

3. The cost of the Godavery Conservancy Establishment is Rupees 40,312 per annum, distributed as follows:—

	RS.
Anicut...	3,768
Navigation...	17,444
Irrigation Delta	17,972
Do. Upper Taluqs...	1,128
Total..	40,312

4. I am of opinion that the irrigation conservancy of the Upper Taluqs may, with advantage, be transferred to the Revenue Department; but that the whole of the Delta Establishment should continue under the independent control of the Public Works Department.

5. Bearing in mind the object of Government in calling for this report, I beg to submit the following observations on the Godavery establishment, and the mode of charging its cost in the estimates:—

(1.) The Anicut establishment Rupees 3,768, of this Rupees 2,520 (the wages of Lascars and Coolies) should be removed to the head "Works," and provided for by an annual maintenance estimate. Rupees 288 should be charged to navigation, and the remainder Rupees 960 remain as an Establishment charge in Part IV.

(2.) Navigation Rupees 17,444 + Rupees 288, transferred from Anicut: of this Rupees 11,352 is the pay of the men employed night and day in opening the 38 locks on the several canals of the Delta; this should be charged as Work, and a grant for the purpose should be an annual item in the Local Funds Budget Estimate of expenditure as a set off against the amount of proceeds* of Canal Boats,

* 25,000 to 30,000 Rupees annually. License fees, granted in aid to the District Conservancy Funds: of the remainder Rupees 1,100 for travelling allowance should be struck out altogether, leaving as charge for Establishment Rupees 5,280 (which I hope to be able to reduce), of which half should be borne by the Public Works Department, and half by the Boat License Fees.

(3.) Delta Irrigation Rupees 17,972 of this Rupees 5,108 (for channel Peons and Lascars, whose duties it is should be removed from the head "Works," and be provided for in the Annual Estimates for Canal maintenance should be struck out, and the balance 12,864 remains a charge for Establishment.

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(4.) Upper Taluq Irrigation Rupees 1,128, to be transferred to the Revenue Department.

	RS.	
Anicut	960	6. The Conservancy Establishment
Navigation	2,640	charge on the Public Works Budget Estimates
Irrigation	12,064	when thus relieved of improper charges will be Rupees 15,664.
	15,664	

7. The cost of the Anicut establishment and the half of the pay of the Navigation Superintendents are fairly chargeable to Establishments for superintendence of work; but only part of the third item in the margin of the preceding paragraph is chargeable to Superintendence. With a view to efficient management of the canals with their numerous sluices, escapes, aqueducts, &c., it is proposed that the irrigation establishment be retained under the control of the Engineer Department, and therefore, in accordance with the orders of the Supreme Government, its cost will have to be included in their estimate of charges for Establishments. Nevertheless, when calculating the per-centage of the cost of establishments on the expenditure for works, for comparison of the charges for superintendence in different Divisions or Presidencies, that proportion of the cost of this Irrigation Establishment, which is fairly chargeable solely to the control and distribution of the water supplied for irrigation by the Delta works, should be eliminated from the calculation; any comparison made without eliminating this source of error would be fallacious. The proportion chargeable to the Revenue Account of the Delta works would be about five-eighths leaving three-eighths, or Rupees 4,524, properly chargeable for superintendence of work.

8. If these views meet with the approval of Government, I will have a revised list of the Conservancy Establishment prepared for their sanction, and arrange for the inclusion of the working men's wages in the annual canal maintenance estimates; the estimated charges in Part IV. will have to be reduced by Rupees 24,648, and those in Part II. under the head Repairs "Agricultural" to be increased by Rupees 7,628: Rupees 13,992 will be included in the annual estimate of charges on Local Funds, and Rupees 2,274* will become a charge against the Revenue Department.

	RS.
* Ganjam	618
Vizagapatam	528
Godavery	1,128
	2,274

9. The difference, Rupees 17,020, between the amount taken off Part IV. and that added to Part II. would (supposing Government sanction the proposals in this report), I imagine, be available for transfer to the Godavery, and that I may be Collector, to submit the names of the works: I beg that it may be assigned upon, in communication with the which it should be allotted.

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Statement of the Godavery Conservancy Establishment with an Abstract showing the heads of account to which it should be charged, to accompany letter No. 277, dated 13th June 1865, from Superintending Engineer, 1st Division.

Distribution.	Description of Establishment.	Amount.	Total.
		Rs.	Rs.
Anicut ...	3 Gumastahs	480	3,768
	3 Maistries... ..	480	
	3 Lock Maistries	288	
	2 Lascars	120	
	60 Coolies	2,400	
Navigation...	Errapothurum Lock	264	17,444
	Pulleveilla do.	192	
	Mokkamulla do.	288	
	Siddantum do.	288	
	Palcole do.	288	
	Nursapore do.	384	
	Nadupudi do.	384	
	Ellore do.	384	
	Ellore Canal and Toomoolair	576	
	20 Locks	7,440	
	2 New Locks on Mundapetta Canal	576	
	8 Navigation Superintendents	5,280	
	Travelling allowance	1,100	
Delta Irrigation.	3 Delta Superintendents	2,880	17,972
	Writers and Peons	600	
	50 Channel Superintendents and Lascars... ..	9,600	
	2 do. Amalapore	492	
	Tanuku Establishment	1,440	
	1 Gumastah and four Peons, Ralley	312	
	6 Peons, Nagarum	306	
	3 Do. Mundapetta	150	
	Ramachendrapoor Establishment	1,164	
	River banks	228	
Irrigation Upper Taluqs.	Lingumpurti	288	1,128
	Rajahmundry and Peddapur.	420	
	Kottapully... ..	420	
Total Conservancy Establishment			40,312

Abstract of the proposed incidence of charges for Godavery Conservancy Establishment paragraphs 4 to 8 of letter.

PUBLIC WORKS DEPARTMENT.					Revenue Depart- ment.	Total annual charge for Conser- vancy
Material.		Local Funds.				
Estab- lishment.	Work.	Estab- lishment.	Work.			
	RS.	RS.	RS.	RS.	RS.	
Anicut	520				3,480	
Navigation	2,610	11,352			16,632	
Irrigation	108			1,128	18,300	
	3,238	2,610	11,352	1,128	33,412	
Travelling allowance struck out ...					1,900	
Total per annum ...					40,312	

WALTAIR,
13th June 1865.

(Signed) J. G. RYVES, Captain, R. E.,
Superintending Engineer, 1st Division.

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No. 30. Official Memorandum from Captain J. G. RYVES, R. E., Superintending Engineer, 1st Division, to Colonel C. A. ORR, R. E., Secretary to Government, Department Public Works, dated Waltair, 16th June 1865, No. 303.

With reference to G. O. No. 1,238, dated 8th ultimo, and to paragraph 1 of his Report, dated 13th instant, the Superintending Engineer, 1st Division, has the honor to submit (in original) a letter* from the Collector of Godavery, reporting that no part of the Conservancy Establishment in that District can be placed under the Revenue Officers.

From J. FRASER, Esq., Collector of the Godavery District, to Captain J. G. RYVES, R. E., Superintending Engineer, 1st Division, dated Cocanada, 12th June 1865, No. 90.

SIR,

I have the honor to acknowledge the receipt of your letter No. 83 of the 15th ultimo, enclosing Government Order No. 1,238, dated 8th idem, Public Works Department, and to inform you in reply that the Tahsildars and Sub-Magistrates in this District have now so much work to do in connection with their Revenue and Magisterial duties, that they cannot undertake the superintendence of the irrigation works in addition. No portion of the present Conservancy Establishment can, therefore, with advantage be placed under Revenue Officers in this District.

No. 31. From Captain A. S. MOBERLY, R. E., Superintending Engineer, 3rd Division, to Colonel C. A. ORR, R. E., Secretary to Government, Public Works Department, dated Camp, Ramandroog, 22nd June 1865, No. 47.

SIR,

With reference to Government Order No. 1,238 of the 8th ultimo, I have the honor to inform you that there are no Conservancy Establishments in this Division under the charge of the Public Works Department. On the Toongabuddra Channels a number of Neergunties are employed, but I would strongly recommend that a proper Conservancy Establishment should be allotted for each of the channels.

No. 32. From Captain R. F. OAKE, R. E., Acting Superintending Engineer, 6th Division, to Colonel C. A. ORR, R. E., Secretary to Government, Public Works Department, dated Trichinopoly, 25th July 1865, No. 632.

SIR,

With reference to the Order of G.

* No. 166, 14th July.
† „ 119, 18th do.

be made in the charge of the Conservancy Establishments in their respective Districts.

at No. 1,238, dated 8th May, I have the honor to inform you that the Collector of Tanjore* and Trichinopoly† with me that no change should be made in the charge of the Conservancy Establishments in their respective Districts.

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No. 33. From Colonel A. J. M. BOILEAU, R. E., Superintending Engineer, 4th Division, to Colonel C. A. ORR, R. E., Secretary to Government, Public Works Department, dated Madras, 2nd August 1865, No. 1,215.

SIR,

1. I have the honor to report as directed in G. O. No. 1,238, dated 8th May 1865, what Conservancy Establishments can with advantage be placed under Revenue Officers. The result in my own mind is that wherever adequate establishments have been afforded to our Department, it would be most inexpedient to make such a transfer. I say 'adequate establishments' because where they are inadequate it obviously becomes necessary for this Department to accept a responsibility without the means of meeting it, and auxiliary aid can be better extemporised by the Revenue Department.

2. I have consulted the Collectors of Madras and North Arcot, and also the Executive Officers in charge of Ranges wherein establishments are maintained. Mr. Fane wrote on the subject to the Board of Revenue on the 24th June 1864, advocating the placing of the anicut establishments under the Collector, on the broad ground that the land revenue is dependent on the irrigation works under anicuts, *ergo*, Revenue Officers are the proper parties to control them. It is quite true that upon these large irrigation works the land revenue in a great measure depends, but the management of these works has a professional bearing in an engineering point of view, and upon their proper regulation may be said to depend the absolute safety of the works themselves. If the Engineer Department are called upon to hand them over to the tender mercies of the Revenue Department, they must be permitted to divest themselves at the same time of all responsibility attaching to the possible failure of any part of the works. Are the Revenue Department prepared to accept these responsibilities?

3. So far as I remember this is no new subject. The upshot of all discussions up to this time has been, I believe, that it has been decided that the distribution of water in the main channels should rest with the Engineer Department, and in the minor channels and to the fields with the Revenue Department; so it is now, and I do not think that the mere desire to rid this Department of a certain annual charge should be allowed to influence so salutary a decision.

4. Mr. Fane's next objection to establishments being under the Engineer Department is that, "they are inclined to connive at the Zemindars and other proprietors taking more water than they are entitled to," or in other words, that they are more open to corruption than the Revenue Department, who would no doubt mete out the water with judgment and justice. This remark appears undeserving of the Revenue Department are just as corrupt as the Engineer Department.

5. The Collector of Madras notes that, "the Engineer Officers with their limited staff cannot possibly exercise sufficiently close supervision over the principal irrigation works, as they are scattered over so many localities only when they have work there." Precisely so, and no work

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presence than this very matter of ascertaining in person that the shutters of the various works are opened or closed at proper times with reference to the capabilities of the channels, and the perfect security of the works.

6. As regards Mr. Fane's argument, that complaints against Muttadars for misappropriating water would be more sure of receiving a hearing from the Tahsildars if preferred by an establishment under their own control, I can only say that it appears to me to be a simple confession of dereliction of duty on the part of Tahsildars, who, I suppose, should be equally ready in all cases to give a hearing to complaints fairly rendered. It is also to be borne in mind that the said misappropriation is not likely to occur under the careful management which the works receive from this Department.

7. I am dealing with the general principle, not with the two petty works to which Mr. Fane is referring, the establishments of which (one Monegar and one Peon each) must be increased before I could guarantee safe management.

8. The Collector of North Arcot is disposed to think that I am correct in my conclusion that the transfer proposed is to be deprecated.

9. I note, moreover, that it would be quite incongruous that one Department should be conserving works which another Department frequently has in hand for execution. This principle was admitted by Government in Extract Minutes Consultation No. 67, 16th January 1856, (*vide* page 239, Grant's Circular Order Book), who "fully agreed with the Chief Engineer that when the executive duties are in the hands of the Engineer Department, all establishments maintained for the conservation of tanks, channels, or other works of irrigation should be placed under that Department."

10. The opinions of the Range Officers interested in this question are subjoined. Supervisor, Mr. Booth writes: "The man who would propose to hand over such works to the care of the Revenue Officers, *i.e.*, village Monegars, must know little about the one and the other, and care far less. The certain destruction of property alone on such a transfer is frightful to contemplate. Better such works had never been thought of. I need not dilate on a question which never should have been proposed."

Captain Chrystie writes: "The principal duty of these establishments is to regulate the supply of water passing down irrigation channels, and undoubtedly the Engineer Officer is the person best qualified to decide what depth of water his works can resist with safety, but besides this duty they are expected to do trifling repairs to embankments, to clear out sluices, here and there, and it has only been by the constant driving and severity that I have been able to exact a proper amount of work from them. Were they placed under Revenue authorities there would be no Officer to look after them, and they would fall back into their old lazy habits."

Mr. Goodchap observes, that "it is anomalous to make over only the conservancy establishments of anicut works to the Revenue authorities, while the Public Works Department must still be charged with the execution of such works," and he submits "that there is more likelihood of a Monegar doing his duty honestly, than if he belonged to the local petty Revenue Officer."

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3rd October 1865.*

"same Department as themselves," and adds "As the Tahsildar would not be able to visit anicuts, &c., so often as the Taluq Overseer, his control over the establishment would be barely nominal."

11. An application will be made in a separate communication for proper establishments for the Kesaveram and Koratoor anicuts, and their dependent channels.

From E. G. R. FANE, Esq., Collector of Madras, to Colonel A. J. M. BOILEAU, R. E., Superintending Engineer, 4th Division, dated Saidapet, 5th July 1865, No. 215.

SIR,

With reference to your letter of the 22nd ultimo, No. 685, asking my opinion regarding the supervision of the irrigation conservancy, I beg to refer you to paragraphs 2, 3, 4, 5, and 6, of the letter I wrote to the Board on the 9th June 1864, No. 255, a printed copy of which, I observe, was furnished to you by the Board.

From J. D. ROBINSON, Esq., Collector of North Arcot, to Colonel A. J. M. BOILEAU, R. E., Superintending Engineer, 4th Division, dated Chittoor, 24th July 1865, No. 245.

SIR,

With reference to your letter of the 21st June 1865, No. 669, I have the honor to request that you will obligingly communicate to me the grounds upon which you have formed your opinion that the transfer to the Revenue Department of the Conservancy Establishments of Irrigation Works is to be deprecated on every ground. I am disposed to think that you are right in your conclusions; but as the Board will require a full explanation on the subject, I should be glad to have an exposition of its bearings from a professional stand-point.

No. 34. From Lieutenant-Colonel G. V. WINSOM, R. E., Superintending Engineer, 2nd Division, to Colonel C. A. ORR, R. E., Secretary to Government, Department Public Works, dated Masulipatam, 11th August 1865, No. 57.

SIR,

1. With reference to the G. O. No. 1,238, dated 8th May 1865, I have the honor to inform you that after repeated consultations with the Collector, who referred the matter for the reports of all his Tahsildars, both Mr. Thornhill and I have come to the conclusion that in the present unfinished state of the Kistna works, it would be productive of considerable evil to place any part of the Conservancy Establishment under the Revenue Officers.

2. But I am of opinion that to make all the clearances to the minor channels by the extraordinary amount of silt sooner or later necessary for Government villagers, and then, I think, some of them should be placed under the Taluq needful repairs, and as Revenue Officers. We were unable this year to make the March and end of June no less than the silt, and as cultivation extends ensure a full supply of water will

Department will eventually be unable to clear the channels, which are rendered necessary by the Kistna water contains, it will become to hand over such village channels to the Conservancy Establishment might advance as local Magistrate could enforce the needful clearances, although between Rupees was expended in digging out the culty of doing all that is necessary to

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3rd October 1865.*

3. I await the publication of the Maps of the Revenue Survey to mature, with the Collector, a definite proposition on this matter, for submission to Government.

No. 35. From Lieutenant-Colonel F. J. MOBERLY, R. E., Superintending Engineer, 8th Division, to Colonel C. A. ORR, R. E., Secretary to Government, Public Works Department, dated Courtallam, 14th August 1865, No. 822.

SIR,

1. In reply to G. O. No. 1,238 of 8th May, I have the honor to report that the Collectors of Madura and Tinnevely agree with me as to the transfer of Establishments, as per Statement enclosed, from the Public Works to the Revenue Department.

2. The delay has been caused by the necessity of more than one reference to the Tinnevely Office, where the two Collectors have held different views.

Statement showing the Conservancy Establishment in the Madura and Tinnevely Districts, proposed to be transferred to the Revenue Department.

Establishment.	Rate of monthly pay.	Amount.	Total.
MADURA DISTRICT.			
	RS.	RS.	RS.
3 Anicut Watchers	4	12	12
TINNEVELLY DISTRICT.			
5 Monegars	7	35	
2 Do.	5	10	
26 Neeranikums	2	52	
			97
Total			109

COURTALLAM,
14th August 1865.

(Signed) F. J. MOBERLY, Lieut.-Colonel, R. E.,
Superintending Engineer, 8th Division.

No. 36. From Lieutenant-Colonel G. V. WINSOM, R. E., Superintending Engineer, 2nd Division, to Colonel C. A. ORR, R. E., Secretary to Government, Department Public Works, dated Masulipatam, 21st September 1865, No. 74.

SIR,

With reference to G. O. No. 1,238, dated 8th May 1865, and your Memorandum No. 177, dated 11th instant, I have the honor to inform you that at present no Conservancy Establishment in the Madura District can with convenience be transferred to the Revenue Department when the channels are finished I think the transfer may be arranged.

No. 37. ORDER THEREON 3rd October 1865, No. 2,911.

ESTABLISHMENT, No. 4.

1. Communicated to the Revenue Department, with reference to the Orders that Department, No. 920, dated 4th May 1865.

3rd October 1865.

2. The Government observe that the Superintending Engineers of the 1st, 7th, and 8th Divisions report, after communicating with the Collectors of Ganjam, Vizagapatam, Malabar, Madura, and Tinnevely, that the Conservancy Establishments employed in those Districts, may with advantage be placed under the Revenue Officers.

3. The Collector of Madras is also in favor of such a change in respect to the Anicut Establishments, maintained in that District; but the Superintending Engineer of the 4th Division considers that wherever adequate establishments have been appointed for the care of irrigation works, it would be inexpedient to transfer them to the Revenue Department. This view, the Collector of North Arcot is disposed to adopt with reference to the Conservancy Establishments in his District.

4. The Superintending Engineers of the 2nd, 5th, and 6th Divisions agree with the Collectors concerned, that it would be advisable to allow the Conservancy Establishments in the Districts, marginally noted, to remain as at present under the Public Works Department.

Kistna.
Nellore.
South Arcot.
Tanjore.
Trichinopoly.

5. With reference to the Godavery District, the Superintending Engineer of the 1st Division reports that the transfer of the Irrigation Conservancy of the upper Taluqs to the Revenue Department is very desirable, but the Collector states that the subordinate Officers under his orders are unable to undertake the charge.

6. There are no Conservancy Establishments in the Bellary, Kurnool, Cud-dapah, Salem, Coimbatore, and South Canara Districts.

(True Extract.)

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

To the Revenue Department.

„ Superintending Engineers.
„ Controller of Public Works Accounts.

Exd. S. T. Augustin.

Superintending Engineer's Office
7th Division
Coomoor 15th May 1865

From
Lieut. Col. J. H. Walker R.E.
Superintending Engineer 7th Division
To
Colonel C. A. Orr R.E.
Secretary to Government D. G. W.

Sir
With reference to G.O. No. 1238 of
8th May I have the honor to report that
the Collector of Malabar and myself have
agreed as to the propriety of the transfer of
the Irrigation Conservancy Establishments
of that District to the Revenue Department,
as already reported in my letter No. 134
of 12th October 1864.

I have the honor to be

Sir

Your most obt. Servant

Walker Lieut. Col. R.E.
Superintending Engineer
7th Division

No. 77. 1865 Depto.
P. of Govt. for Octoleu
From
The Superintending Engineer
for Octoleu

To
The Secretary to Government
P. W.

No. 11

Dated 15th
Received 17th May 1865.

Reports that the Super Eng.
and the Collector of Malabar
have agreed as to the pro-
priety of the transfer of the
Irrigation Conservancy
Establishment to the Revenue
Department.

22911. 22 Oct 1865.

No. 417.

Supg. Eng. Office 5th Division
Salem, 7th June, 1865.

From

Scout Col. E. A. Ford M.E.

Superintg. Engineer 5th Div.

To

Colonel C. A. M. M.E.

Secretary to Government P.W.

Sir,

With reference to the order of
Government of the 8th of May No.
1238, I have the honor to report that
I have communicated with the Collector
of South Arcot and he is averse to the
transfer of the Conservancy Establishment
of that District to his Department. I
also consider that it will be much
better to allow the Establishment
to remain as at present under
the Public Works Department.
2. There is no Establishment
in Salem. -

I have the honor to be,
Sir,

Your most Obedt Servt.

E A Ford M.E.
Supg. Eng. 5th Div.

Campy Road

Collector

Twitri -
bution.

Direct

Navigation.

Arization!

Arizotaur

Total Conservancy Est. 1128

Abstract of the proposed incidence of charges for ordinary Con-
=demancy Establishment paras 4 to 8 of letter

Public Works Department	Imperial	Local funds	Charge for Depart.	Emergency	Total am.
Establishment	960	2520	"	"	3480
Navigation	2640	"	2640	11352	"
Navigation	12064	5708	"	"	1128
	15664	7628	2640	11352	1128
					38412
					1900
					40312

Trans. Miss. all. on our trust out 1,900
Total per annum 40312

828

~~100-300~~ 100-300/65

Reporting that the
Conservancy Act had
passed in the British
Cairn with advantage
he placed under
the Revenue Officer

To
The Secretary L. W.
J. W. Duffett,
Ford M. Briggs
Noted 9th June/85
Recd 14th June/85
No 966

1885 Sept 10
Dr. J. G. Thompson
from
The Collector

12772249/85

Encl. 1
Statement.

* 1238.

Superintending Engineer
Office, 1st Div. Watkous,
No 277
13 June 1865
From
Captain J. J. Dykes R.E.
Superintending Engineer, 1st Div.
To
Colonel C. A. Orr R.E.
Secretary to Government, D.W.

Madras.

I have the honor to submit the report called for in the Order of Government dated 8th Ulm, though I regret that it will be incomplete owing to the Collector of the Godavary District not having communicated to me his views regarding the disposal of the large and expensive Conservancy Establishment in his District.

2. I am of the same opinion with the Collectors of Ganjam and Vizagapatnam as regards the Establishments in their Districts and in accordance with that opinion now report that there

there is no objection to the transfer of these Establishments to the Revenue Department. The annual charge of which the Public Works Establishments will be relieved by this transfer is shown in the margin.

3. The cost of the Godavery Conservancy Establishment is Rs 40,312 per annum distributed as follows:—

Ancient	Rs 3,768
Navigation	17,444
Irrigation Δ	17,972
Do. Upper Talig	11,28
<u>Total</u>	<u>40,312</u>

4. I am of opinion that the Irrigation Conservancy of the Upper Talig may, with advantage, be transferred to the Revenue Department, but that the whole of the Δ Establishment should continue under the independent control of the Public Works Department.

5. Bearing in mind the object of

Rs 618 Rs
 Godavery—528
 Revenue—

of Government in calling for this report, I beg to submit the following observations on the Godavery Establishment and the mode of charging its cost in the Estimates.

(1) The Ancient Establishment Rs 3,768 of this Rs 2,520 (the wages of Lascars & Coolies) should be removed to the head "Works" and provided for by an annual maintenance Estimate. Rs 288 should be charged to Navigation and the remainder Rs 960 remain as an Establishment charge in Part II.

(2) Navigation Rs 17,444 + Rs 288 transferred from Ancient: of this Rs 11,352 is the pay of the men employed night & day in opening the 38 Locks on the several Canals of the Delta; this should be charged as Work, and a grant for the purpose should be an annual item in the Local funds Budget Estimate of Expenditure, as a set off against the

the amount of Proceeds of Canal Boats License fees granted in aid to the District Conservancy Funds: of the remainder Rs 1100 for travelling allowance should be struck out altogether; leaving a charge for Establishment Rs 5280 (which I hope to be able to reduce) of which half should be borne by the Public Works Department and half by the Boat License fees.

(3) Irrigation Rs 17972 of this Rs 5108 (for Channel Ponds & Lascars whose duties it is to open & close sluice shutters and Escapes) should be removed from the Head Establishments and be provided for in the annual Estimates for Canal maintenance, 800 Rs for travelling allowance should be struck out and the balance Rs 12064 remains a charge for Establishment.

(4) Upper Taling Irrigation Rs 1128 to be transferred to the Revenue Department.

* 25 to 30000
Rupees annu-
-ally.

Amount 960
Navigation 2640
Irrigation 12064
15664

6. The Conservancy Establishment charge on the Public Works Budget Estimates when thus relieved of improper charges will be Rs 15664.

7. The ^{int'l} Ancient Establishment and the half of the ^{part} Navigation Superintendents are fairly chargeable to Establishments for superintendence of work: but only part of the third item in the margin of the preceding paragraph is chargeable to superintendence. With a view to efficient management of the Canals with their numerous sluices, escapes, aqueducts &c, it is proposed that the irrigation Establishment be retained under the control of the Engineer Department, and therefore in accordance with the orders of the Supreme Government, its cost will have to be included in their Estimate of charges for Establishments.

8. Nevertheless when calculating the percentage of the cost of Establishments on the expenditure for works, for comparison of the charges for superintendence in

in different Divisions or Presidencies; that proportion of the cost of this Irrigation Establishment which is fairly chargeable solely to the control & distribution of the water supplied for irrigation by the Dettas Works, should be eliminated from the calculation; any comparison made without eliminating this source of error, would be fallacious. The proportion chargeable to the Revenue account of the Dettas Works would be about $\frac{5}{8}$ leaving $\frac{3}{8}$ or Rs 4524 properly chargeable for superintendence of Work.

8. - If these views meet with the approval of Government, I will have a revised list of the Conservancy Establishment prepared for their sanction; and arrange for the inclusion of the working men's wages in the annual canal maintenance Estimates: the estimated charges in Part II will have to be reduced by Rs 24,648 and those in Part II under the head Repairs "Agricultural" to be increased by Rs 4,628: Rs 13,992 will be included in

Rs. 618
Rs. 528
Rs. 1128
2274

in the annual Estimate of charges on Local Funds, & Rs 2274 will become a charge against the Revenue Department.

9. The difference, Rs 17,020, between the amount taken off Part II and that added to Part II would, (supposing Government sanction the proposals in this report), I imagine, be available for transfer to Works; I beg that it may be assigned to the Godavery, and that I may be called upon in communication with the Collector to submit the names of the Works to which it should be allotted.

I have the honor to be

Yours Most Obediently

V. L. N. - C. Capt. P. C.

Superintending Engineer, T. W.

Official Memo

Encls
1

With reference to G.O. N^o 1238 dated 8th ultimo and to para 1 of his Report dated 13th instant, the Superintending Engineer, T^h Division, has the honor to submit (in original) a letter from the Collector of Godavery, reporting that no part of the Conservancy Establishment in that District can be placed under the Revenue Officers.

N^o 90 dated
1st June 1865

Superintending Engineer's
Office, T^h Divⁿ, H. Station, V. 17. Capt. R. S. S. S. S.
16th June 1865. Superintending Eng^r, T^h Divⁿ.
To The Secretary to Government
Department Public Works,
Madras.

G.O. N^o 304/65

1865 Draft

From The Collector
Godavery Dist

To The Suptg Engineer
T^h Division

Dated 10th June 1865
Received 15th June 1865

C 1090.

Enclosure none

Checking that the old
island was covered
under the Conservancy
Establishment.

10/1

From

Barrow Blam and mig; 22 June/15.

31

Supp. Engineer, 3^d Division

2. The Secretary to Government

Public Works Department.

Sir, With reference to Government Order No. 1238 of the 8th ultimo, I have the honor to inform you that there are no Conservancy Establishments in this Division under the charge of the Public Works Department. On the Longabuddra Channels a number of Peigunties are employed, but I would strongly recommend that a proper Conservancy Establishment should be allotted for each of the channels.

I have few

A. A. Webb Captain Ab.

Suppl. Engineer 3^d Division.

*Dr. J. B. O'Brien:
No. 9 Grand Ave. Boston
Mass. Feb. 23, 1904*

Antichristian

The Secretary to Govt

D. J. H. H. H.

Oct 16th }
 Oct 17th } due
 Nov 26 }

Guich

2003

de l'Unité au Plural

Better from the Collector

of 600000000 that no
part of the Convent was sold

Admission can be in 1877

admirable de l'aspect mûr

The District Officer

10

10

1990

10

2911-340 California 1015

18

O. J. S. Dehal
 y. P. of Govt. for collection
 from No. 2317
 The Supy. being under
 3^d Division
 The Secy. to Government
 P. W. Department
 No. 47

Dated 22nd
 Dec. 26 { June 1865

Reporting that there
 are no Conservancy Establish-
 ments in this Division under
 the P. W. D. except a number of
 Beengum trees that are employed
 in the Sanyabudra channels.
 and recommends that a proper
 Conserv. Estab. be allotted for
 each of the Channels.

J. V. 11
 2911. 2nd October 1865

No. 31

No. 632

12

Supg: Engrs Office 6th D.
 Trichinopoly 25th July 1865

From
 Captain R. F. Baker R.E.
 As: Supg: Engineer 6th D.

To,
 Colonel C. A. Orr R.E.
 Secretary to Government
 Public Works Department

With reference to the order of
 Government No. 1238 dated 8th May
 I have the honor to inform you that
 the Collectors of Tanjore and
 Trichinopoly agree with me that
 no change should be made in
 the charge of the Conservancy
 Establishments in their respective
 Districts.

I have the honor to be
 Sir,
 your most obedient servant

R. F. Baker Capt R.E.
 As: Supg: Engineer 6th D.

No. 245

North Creek
Collector's Office

Clifton 21st July 1885

From

J. D. Robinson Esq
Collector of North Creek

To Colonel A. J. M. Bailew P. E.

Superintending Engineer
1st Division Madras

Sir

With reference to your letter of the 21st June 1885 No 669, I have the honor to request that you will obligingly communicate to me the grounds upon which you have formed your opinion that the transfer to the Revenue Department of the Conservancy Establishments of Irrigation works is to be deprecated on every ground. I am disposed to think that you are right in ^{your} conclusions but as the Board will require a full explanation on the subject, I should be glad to have an exposition of its bearings from a professional stand-point.

S

21/7/1885
Recd 28th July 1885

The Lt. Col. Bailew
6th Div.

To
The Secretary
P. W. D.

Dated 25th
Recd 28th July 1885
No 632

Noting that the
Collector of Revenue
and District Officer
do not wish any
change to be made
in the charge of the
Conservancy Establishments
No 245
21/7/1885

I have the honor to be
Sir,

Your most obedt. servant.

J. D. Paul Esq.
Collector

B.V.
J.D.H.C.

To J. D. Paul Esq. 1215 by 22 Aug 1885

1885 22 Aug

Recd 22 Aug 1885

By J. D. Paul Esq.

22 Aug 1885

22 Aug 1885

22 Aug 1885

22 Aug 1885

22 Aug 1885

22 Aug 1885

22 Aug 1885

22 Aug 1885

No 215

Madras Collector's Office
Caidapet 5th July 1885.

From

E. G. R. Fane Esquire
Collector of Madras

To

Colonel A. J. M. Boileau R. E.
Superintending Engineer
4th Division Madras.

Sir

With reference to your letter of the
22nd ultimo No 186 asking my opinion regarding
the supervision of the irrigation conservancy
I beg to refer you to paras 2-3-4-5 & 6 of the
letter I wrote to the Board in the 9th June 1884
No 255 a printed copy of which I observe was
furnished to you by the Board.

I have the honor to be

Sir

Your most obedient servant.

J. Paul
Collector

To Genl 812 Aug 65 N 1215.

N 1123

From The Collector.
Madras District

Dated 5th } July 1865
Recd. 2 }

B 13 File

Report of Genl 2, 3, 4, 5 & 6 of
his letter N 255 to the Board
a copy was furnished to him
regarding the supervision
of the irrigation Comwancy.

From 3rd Col 18/10 B 1133

N 1215. ²⁹ Superintending Engineers Office
4th Division Madras
2nd August 1865.

From.
Colonel A. J. M. Poileau R.E.
Superintending Engineer 4th Division
To
Colonel C. A. Orr R.E.
Secretary to Government P.W.D.

Sir,

Enclosures 7
Original letters

I have the honor to report as
directed in G. O. N 1238 dated 8th May
1865, what 'forewancy Establishments' can
with advantage be placed under Revenue
Officers. The result in my own mind is that
wherever 'adequate Establishments' have been
afforded to our Department it would be most
expedient to make such a transfer. I say
'adequate Establishments' because where they
are inadequate it obviously becomes necessary
for this Department to accept a responsibility
without the means of meeting it, and auxiliary
aid.

aid can be better extemporised by the ^{Rev. Sept.} ~~the~~ ~~the~~.

2 I have consulted the collectors of Madras and North Arcot; and also the Executive Officers in charge of Ranges wherein Establishments are maintained. Mr. James wrote on the subject to the Board of Revenue on the 24th June 1864 advocating the placing of the ~~annicut~~ establishments under the Collector on the ^{broad} ground that the Land Revenue is dependant on the Irrigation works under ~~annicuts~~ ^{pergo} Revenue Officers are the proper parties to control them. It is quite true that upon these large Irrigation Works the Land Revenue in a great measure depends, but the management of these Works has a professional bearing in an Engineering point of view, and upon their proper regulation may be said to depend the absolute safety of the works themselves. If the Engineer Department are called upon to hand them over to the tender mercies of the Revenue Department they must be permitted to twist themselves

at

16 41
at the same time of all responsibility attaching to the possible failure of any part of the works. See the Revenue Department prepared to accept these responsibilities?

3 So far as I remember this is a new subject. The upshot of all discussions up to this time has been, I believe, that it has been decided that the distribution of Water in the main channels should rest with the Engineer Department and in the minor channels and to the fields with the Revenue Department. It is now - and I do not think that the mere desire to rid this Department of a certain annual charge should be allowed to influence so salutary a decision.

4 Mr. James's next objection to the Establishments being under the Engineer Department is that they are indifferent or connive at the Zemindars and other proprietors taking more water than they are entitled to, or in other words that they are more open to corruption than the subordinates of the Revenue

Revenue Department, who would no doubt
metre out the water supply with judgment
and justice! This remark appears unde-
rstanding of notice, for I believe that the
Situations of one Department ^{are} just as
corrupt as those of ~~another~~ ^{the} other, opportunities
being equal.

5 The Collector of Madras next
observes that the Engineer Officers with their
limited staff cannot possibly exercise a suf-
ficiently close supervision over the principal
irrigation works, as they visit the localities
only when they have work there. "Precisely
so; and no work there is more important
or more demands their presence, than the
very matter of ascertaining in person that
the shutters of the various works are opened
or closed at proper times with reference to
the capabilities of the Channels and the
perfect security of the works.

6 As regards Mr. James's argument
that complaints against Muttadars for
misappropriating water would be more
sure

15 1/3
sure of receiving a hearing from the Tah-
sildars if preferred by an establishment
under their own control, I can only say
that it appears to me to be a simple con-
fession of dereliction of duty on the part
of Tahsildars, who, I suppose, should be equally
ready in all cases to give a hearing to com-
plaints fairly rendered. It is also to be borne
in mind that the said misappropriation
is not likely to occur under the careful
management which the works receive
from this Department.

7 I am dealing with the general
principle, not with the two petty works to
which Mr. James is referring; the Estab-
lishments of which (1 Monegar and 1 Peon to
each) must be increased before I could
guarantee safe management.

8 The Collector of North Arcot,
is disposed to think that I am correct
in my conclusion that the transfer proposed
is to be deprecated.

9 Note moreover that it would be
quite

quite incongruous that one Department should be conserving works which another Department frequently has in hand for execution. This principle was admitted by Government in Extract Miss. Cons. c. 1. 67 16. January 1856 (vide Page 236 Grants in Order Book) who "fully agreed with the Chief Engineer that when the Executive duties are in the hands of the Engineer Department, all establishments maintained for the conservation of tanks, channels or other works of Irrigation should be placed under that Department."

10 The opinions of the Range Officers interested in this question are subjoined:

Superior Mr. Booth writes: "The man who would propose to hand over such works to the care of the Revenue Officers i.e. Village Moneyars, must know little about the one and the other, and care far less. The certain destruction of property alone on such

10 15
a transfer is frightful to contemplate. Better such works had never been thought of. I need not dilate on a question which never should have been proposed."

Captain Chryste writes: "Our principal duty of these Establishments is to regulate the supply of water passing down Irrigation Channels, and undoubtedly the Engineer Officer is the person best qualified to decide what depth of water his works can resist with safety, but besides this duty, they are expected to do trifling repairs to embankments, to clear out sluices, heads of channels &c., and it has only been by constant driving and severity that I have been able to exact a proper amount of work from them. Were they placed under the Revenue authorities there would be no Officer to look after them, and they would again fall back into their old lazy habits."

Mr. Goodchap observes that "it would be anomalous to make over only

only the ^{consequence} ~~existing~~ establishments of Amiculi
 to the Revenue authorities while the P.W.D.
 must still be charged with the ^{execution} ~~consequence~~
 of such works" and he submits "that there is
 more likelihood of our Amiculi Mungar
 doing his duty honestly, watched as he is
 by the Local petty Revenue Officers, than
 if he belonged to the same Department
 as themselves" and adds "As the Tahsildar
 would not be able to visit Amiculi of-
 ten as the Talook Overseer, his control
 over the Establishment would be barely
 nominal."

The substitution
 of word is my
 own, as should
 better what
 Mr. G. meant.
 A.B.

An application will be made
 in a separate communication for proper esta-
 blishments for the Heaverman and Korator
 Amiculi and their dependent channels.

I have the honor to be
 Sir
 Your Most Obedient Servant
 A. B. Vileau Col R.E.
 Supd. Insp. to Dn

See Memo 2007/65-8138.

19
No 57-19. Superintending Engineers Office 2nd Division
Masulipatam 11th August 1865
From Lieutenant Colonel G. V. Winscom R.E.

Superintending Engineer 2nd Division
To Colonel C. M. Orr R.E.
Secretary to Government
D. P. Works

Sir,

With reference to the G.O. No 1238 dated 8th May 1865. I have the honor to inform you that after repeated consultations with the Collector, who referred the matter for the reports of all his Tahsildars, both Mr Thornhill and I have come to the conclusion that in the present unfinished state of the Krishna works, it would be productive of considerable benefit to place any part of the Conservancy Establishment under the Revenue Officers.

2. I am of opinion that as this Department will eventually be unable to make all the clearance to the minor Village Channels which are rendered necessary by the extraordinary amount of silt which the Krishna water contains, it will become sooner or later necessary for Government to hand over such Village Channels to the Villagers, and then I think some of the Conservancy Establishment might advantageously be placed under the Tahsildar, who as local Magistrate could enforce the needful repairs, and as Revenue Officer would take considerable interest in them. We were unable this year to make all the needful clearance abt between March and end of June no less than 45,300 Rupees was expended in digging out the silt and as Cultivation extends the difficulty of doing all that is necessary

Recd 11th 1865
From Masulipatam
The Superintending
Engineer
2nd Division

To the Secretary
to Government

Dated 11th 1865
Recd 13th August 1865

11th 1865

Submitted a report
called for in G.O. No
1238 dated 8th May 1865
relative to the transfer
of Conservancy Establishment
under to the Revenue
Department.

492911-2nd collector/65

to ensure a full supply of water will increase.

I await the publication of the maps of the Revenue Survey
to mature with the Collector a definite proposition on that
matter for submission to Government.

I have the honor to be

Sir

Your most obedient servant

Ceotmnicote. Lieut Col R.E.
Superintending Engineer 2nd Division

LA

Enclosure in a letter from
the Superintending Engineer
8th Division dated 14th August
1865. No 822, to the Secre-
tary to Government.

P.W. 3122/65

Statement showing the
conservancy Establishment
in the Madurai & Tinnevely
Districts proposed to be
transferred to the Revenue
Department.

Pres. 3rd Oct. 1865. B. N. 35.

92 Superintending Engineer 8th Div.
No 822. Courtallam 14th August 1865.

From Lieutenant Colonel F. J. Moberly R. E.
To Superintending Engineer 8th Division
Colonel C. A. Orr R. E.
Secretary to Government
P. W. D.

Sir,

In reply to G. O. 1238 of 8th May
I have the honor to report that the Collectors
of Madurai and Tinnevely agree with me,
as to the transfer of establishments, as per
Statement, enclosed from the P. W. to the
Revenue Department.

The delay has been caused by the
necessity of more than one reference to the
Tinnevely Office where the 2. Collectors
have held different views.

I have &c

F. J. Moberly Lieut. Col. R. E.
Superintending Engineer 8th Div.

57

Sir
With reference to G. O. No 1258
dated 8th May and your memo. No 177 dated
11th inst^{ce}. I have the honor to inform
you that at present no Conservancy
Establishment in the Bellary District
can with convenience be transferred to
the Revenue Department, but when the
channels are finished, I think the
transfer may be arranged.

I have the honor to be
Sir,
Yours most Obedt Serv^t

C. J. Morris V. L. L. R. E.
Superintendent of the D. M. R.



201
21.08.19
D. J. J. J.

John D. Davis

Prof. J. J. Black & Son

14

October 23 August 1892.
Dear Mr. D.

10

800

Deposited by the Librarian
of the Library of Congress
in New York City
on the 10th day of June 1897

Transfer of the same from
the National Archives to
the Library of Congress
by the Librarian of Congress
on the 10th day of June 1897

32911-329, Oct 1/65

Officers—

The Collector of Madras is also in favor of such a change in respect to the Amicable Establishments maintained in that District, but the Superintending Engineer of the 4th Division considers that wherever adequate establishments have been appointed for the care of irrigation works, it would be inexpedient to transfer them to the Revenue Department. His view, the Collector of North Arcot is disposed to adopt with reference to the Irrigation Establishments in his District.

The Superintending Engineer of the 2nd, 5th and 6th Divisions agree with the Collector concerned, that it would be advisable to allow the Irrigation Establishments in the Districts marginally noted, to remain as at present under the Public Works Department—
with reference to the

Kistnah
Nellur
South Arcot
Tanjore—
Trichinopoly—

Godavery District, the Superintending Engineer of the 1st Division reports that the transfer of the Irrigation Establishments of the Upper Talooks to the Revenue Department is very desirable, but that the Collector states that the Subordinate Officers under his orders, are unable to undertake the charge—

There are no Irrigation Establishments in the Bellary, Kurnool, Cuddapah, Salem, Chingleput, and South Arcot Districts—

M.

21 7th Revenue Dept.
to — — — Super Engineer
4 — — — Controller of P.

File & letters 95
11

Recd 14th October

W 1875 Defr
Pres Govt for Cent

No 2911

Pres of the Algon

D 3 October 85

Conservancy Establishments
in this Presidency - Correspondence
regarding the disposal of Cons.
communicated to the Revenue
Department.

No 26 @ 37