

MADRAS RECORD OFFICE.

Government of Madras.

Revenue DEPARTMENT.

G.O. No. 156	Press Mis.
321-322	
Dated 30-1-	1865.

Not to be folded or roughly handled

*Proceedings of the Madras Government, Revenue Department,
30th January 1865.*

No. 321. Read the following Proceedings of the Madras Government in the Public Works Department:—

Communicating correspondence from the Superintending Engineers, relative to the number and nature of duties of the several persons on the Conservancy Establishment of the several irrigation works. (Here enter 10th November 1864, No. 3,224.)

Ordered that the following letter be despatched.

No. 322. From A. J. ARBUTHNOT, Esq., Chief Secretary to the Government of Fort Saint George, to the Secretary to the Government of India, Financial Department, dated 30th January 1865, No. 156.

SIR,

Miscellaneous.

1. I am directed by His Excellency the Governor in Council to forward the Statement (called for in your letter of the 22nd July last, No. 1,501,) of Irrigation Establishments improperly charged to the Public Works Budget.
2. These establishments at present work under the superintendence of the Department Public Works, and the Government have no desire to transfer them generally to the Revenue Officers. But I am to explain that this consideration does not affect the question raised by this Government. This question is whether the charge for these establishments is not properly debitable to Income.
3. The Public Works grant is simply an annual assignment for the special purpose of constructing, repairing, and maintaining Public Works, and all charges of this nature are clearly payable out of it, but here its liability ends. A canal for instance, is properly constructed and maintained from this source, and the establishment required for these purposes is also properly paid out of it, but the work being finished, the establishment needed for collecting tolls on it, for regulating the traffic, distributing the water for irrigation, &c., is a charge against the income of the work, and should be annually defrayed from that source. It matters not whether the establishment can be most effectively superintended by the Engineer or the Collector, nor does it signify that it renders occasional and minor aid in repairs, its essential and primary object is to realize the revenue accruing from the work, and it should therefore be paid out of its income.
4. The Public Works grant, already too small for its own legitimate purposes and quite disproportionate to the requirements of the country, should not be further reduced by improper charges, which the revenue should and can very well bear. At present £200,000* per annum is all the Government have to expend in developing the resources of a country with an area of 184,000 square miles, a population of twenty-four millions, and an annual revenue of eight millions sterling.

* After deducting cost of repairs, establishments, &c.

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*Proceedings of the Madras Government, Public Works Department,
10th November 1864.*

Read the following papers:—

No. 188. From Lieutenant-Colonel J. C. ANDERSON, R. E., Superintending Engineer, 2nd Division, to Colonel C. A. ORR, R. E., Secretary to Government, Department Public Works, dated Masulipatam, 31st August 1864, No. 67.

SIR,

1. Referring to G. O. No. 2,423, dated 23rd August 1864, I have the honor to forward a Statement showing the present state of the Conservancy Establishment in this Division, and the nature of the duties on which they are employed.

2. The establishments in question are retained for the purpose of regulating the supply of the irrigation channels in the Kistna and Pennair Deltas, and for working the locks in the navigable channels in the former.

3. They have up to this time acted under the orders of the Public Works Department, and as the regulation of the supply of water requires a knowledge of the principles of hydraulics, I consider it very necessary that they should continue under the superintendence of the Public Works Officers. ✓

*Statement showing the present state of the Conservancy Establishment in the 2nd Division,
and the nature of the duties on which they are employed.*

District.	Establishment.	Monthly salary.	Remarks.
	<i>Kistna Anicut.</i>	RS. A. P.	
	1 Superintendent ...	100 0 0	The Anicut Superintendent has general charge of the anicut and heads of the main channels. During the irrigation season, he has to attend to the opening and shutting of the sluices, the working of the locks at Bazoarah and Seetanagram. He has also the management of the quarries and kilns which are chiefly used for the repair of the anicut, and in the dry season he superintends the execution of the repairs. The Anicut Maistry, Goomashta, and two Lascars are employed under the Anicut Superintendent to assist him in the above duties, and the 40 Lascars or rather Coolies are for working the shutters of head and under-sluices. The two Lock Maistries are in charge of locks at Bazoarah and Seetanagram, and the sixteen Lascars for working them.
	1 Maistry. ...	30 0 0	
	1 Goomashta ...	12 0 0	
	2 Lascars at 5 Rs. each....	10 0 0	
	2 Lock Maistries at 8 Rs. each.	16 0 0	
	40 Lock Lascars at 4 Rs. each.	160 0 0	
	16 Anicut Lascars at 4 Rs. each.	64 0 0	
	<i>Irrigation Establishment.</i>		
	2 Delta Superintendents at 70 Rs. each.	140 0 0	The Delta Superintendents are employed in supervising the distribution of water to the various irrigation channels during the irrigation season. They also prepare estimates for the clearances and superintend their execution. The Channel Superintendents are employed solely in the Delta, and have charge of the irrigation channels. Their duties are obvious. They have constantly to be moving about to distribute water to open or close sluices. In the dry weather they superintend the clearances under the Delta Superintendent or an Overseer. Each Delta Superintendent has two Lascars, and a Channel Superintendent one.
	40 Channel do. at 12 Rs. each.	480 0 0	
	44 Lascars do. at 5 Rs. each.	220 0 0	

2 *Proceedings of the Madras Government, Public Works Department,*
10th November 1864.

Statement showing the present state of the Conservancy Establishment, &c.—(Continued.)

District.	Establishment.	Monthly salary.	Remarks.
	<i>Navigation Establishment.</i>	RS. A. P.	
	2 Navigation Superintendents at 50 Rs. each	100 0 0	The Superintendents are required for supervising the navigation operations. No looking after of the boats is indispensably necessary since the License Rules have been brought into force.
	2 Lascars at 5 " "	10 0 0	
	11 Lock Goomashtas, 4 at 15 Rs., 1 at 12 Rs., 1 at 10, and 5 at 8 Rs.	122 0 0	
	64 Lascars at 4 Rs. each.	256 0 0	Lock Goomashtas are employed in opening and shutting up the locks in the several canals to facilitate the traffic. Their attendance at the locks is always required.
	<i>NELLORE DISTRICT.</i>		The lock establishment also work the sluices in the vicinity of the locks under the order of the Range Officer.
	<i>Pennair Anicut Establishment.</i>		
	1 Superintendent. ...	45 0 0	The Anicut Superintendent at Nellore has nearly the same duties to perform as those of the Kistna Anicut Superintendent.
	1 Goomashta. ...	10 0 0	
	1 Lascar. ...	6 0 0	
	15 Lascars at 5 Rs. each.	75 0 0	
	<i>EXTRA ESTABLISHMENT.</i>		
	<i>Nellore Tanks.</i>		
	1 Superintendent. ...	7 0 0	These minor establishments are required for working the shutters of the head sluices and other regulators, during the irrigation season. They are all on channels that derive their supply from the river Pennair.
	2 Lascars at 5 Rs. each.	10 0 0	
	<i>For Vayur Channel Head Sluice.</i>		
	4 Lascars at 5 Rs. each.	20 0 0	
	<i>For the Gundavaram and Dirvur Channel Head Sluice at Sangian.</i>		
	1 Goomashta. ...	7 0 0	
	4 Lascars at 5 Rs. each.	20 0 0	
	<i>Jour branch of Jaffersaib's Channel.</i>		
	1 Goomashta ...	8 0 0	
	1 Lascar ...	5 0 0	
	<i>Labur branch of Jaffersaib's Channel.</i>		
	1 Goomashta ...	8 0 0	
	5 Lascars at 5 Rs. each.	25 0 0	
	<i>Kistnapatam branch.</i>		
	1 Goomashta ...	8 0 0	
	4 Lascars at 5 Rs. each.	20 0 0	
	<i>Survapilly Channel.</i>		
	1 Goomashta ...	8 0 0	
	2 Lascars at 5 Rs. each.	10 0 0	

MASULIPATAM,
31st August 1864.

(Signed) J. C. ANDERSON, Lieut.-Colonel, R. E.,
Superintending Engineer, 2nd Division.

Proceedings of the Madras Government, Public Works Department, 3
10th November 1864.

No. 189. Statement showing the duties of the Irrigation establishment in the 8th Division. Vide
G. O. No. 1,483 of 17th August 1864.

District.	Establishment.	Monthly Salary.	Annual Salary.	Duties performed.	Remarks.
		RS.	RS.		
Madura. ...	3 Cavulgars for Chittanay and Peranay Anicuts.	12	144	Watching the Anicuts and opening and shutting the sand vents when required, to prevent injury.	It would be better if these persons were superintended by the Revenue authorities, and their salaries included in the Revenue estimate.
Tinnevelly	5 Channel Monigars at 7 Rupees.	35	420	Watching certain important channels to prevent loss of water supply caused by illegal appropriations thereof, and opening and shutting the surplus calingulahs for the safety of the channels.	
	2 Do. do. at 5 Rupees.	10	120		
	26 Channelwater distributors at 2 Rupees each.	52	624		

PALAMCOTTAH,
17th September 1864.

(Signed) F. J. MOBERLY, Captain R. E.,
Superintending Engineer, 8th Division.

No. 190. From Lieutenant-Colonel E. HEMERY, R. E., Superintending Engineer, 3rd Division, to Colonel C. A. ORR, R. E., Secretary to Government, Public Works Department, dated Cuddapah, 30th September 1864, No. 107.

SIR,

With reference to Order No. 1,483, dated 17th August 1864, I have the honor to report that there are no Conservancy Establishments in this Division.

4 *Proceedings of the Madras Government, Public Works Department,*
10th November 1864.

No. 191. From Captain J. BEAN, R. E., Officiating Superintending Engineer, 6th Division,
to Major J. H. M. SHAW STEWART, R. E., Deputy Secretary to Government,
Public Works Department, dated Tanjore, 30th September 1864, No. 1,523:—

Enclosure 1.

SIR,

1. I have the honor to submit the State-
ment called for in Government Order No. 2,423,
dated 23rd August 1864, showing the strength of the Niranim establishment permanently
entertained in this Division for the conservancy of the irrigation works and the duties of the
several persons employed.

2. I do not see the expediency of transferring these establishments to the Revenue Depart-
ment, indeed, I do not think that it would be to the interests of Government to do so. The
larger establishments are in charge of the Coleroon Anicuts and other works of a similar nature,
and they attend to the working of the sluices, the distribution of the water, and more especially
to the safety of the anicuts.

3. As my Department is held responsible for the safety of these works, and these establish-
ments are employed on duties which ensure their proper conservancy, I do not see how the greater
portion of the men can be responsible to other than my own Officers.

*Statement showing the duties of the several persons constituting the Niranim Establishment
of the Tanjore and Trichinopoly Districts of the 6th Division*

Tanjore and Trichinopoly Districts of the 6th Division								
	Monthly.			Annually.			Remarks.	
	RS.	A.	P.	RS.	A.	P.		
TANJORE DISTRICT.								
1ST RANGE.								
<i>Grand Anicut.</i>								
1 Head Coten at 4 Rupees ...	4	0	0	48	0	0	Working under-sluice shutters ; removing obstructions such as trees, sand banks, &c., which may form during freshes and be thought prejudicial to the work ; planting out nanal, wild cane, &c., after each fresh where the regulation of the river may require. General trained supervision of the banks and river bed and attending to bamboo, grass plantations.	
9 Cotens at 4 Rupees each ...	36	0	0	432	0	0		
.								
<i>Atty Dam.</i>								
1 Head Coten at 4 Rupees ...	4	0	0	48	0	0	Regulating water on crest, and same duties as above.	
<i>Upper Coleroon Anicut.</i>								
1 Head Coten at 6 Rupees ...	6	0	0	72	0	0		
3 Cotens at 4 Rupees each ...	12	0	0	144	0	0	Regulating depth of water, and duties as above shown opposite Grand Anicut establishment.	
2 Leather boatmen at 4 Rupees each.	8	0	0	96	0	0		
<i>Govindacavery Calagum.</i>								
1 Monegar at Rupees 10-12-0.	10	12	0	129	0	0	Do. do. do.	
4 Cavelgars at 4 Rupees each.	16	0	0	192	0	0		
3 Cotens at 4 Rupees each ...	12	0	0	144	0	0		
<i>Cauvery and Vennar Head.</i>								
1 Monegar at Rupees 10-2-0.	10	2	0	121	8	0	No sluice regulation, otherwise the same as above.	
1 Head Coten at 4 Rupees ...	4	0	0	48	0	0		
<i>Thenperambur Dam.</i>								
1 Monegar at 6 Rupees ...	6	0	0	72	0	0	Do. do. do.	
2 Cavelgars at 4 Rupees each.	8	0	0	96	0	0		

Proceedings of the Madras Government, Public Works Department, 5
10th November 1864.

Statement showing the duties of the several persons, &c.—(Continued.)

	Monthly.			Annually.			Remarks.
	Rs.	A.	P.	Rs.	A.	P.	
<i>Vaduvagudi Dam.</i>							
1 Monegar at 6 Rupees ...	6	0	0	72	0	0	} No sluice regulation, otherwise the same as above.
3 Cavelgars at 4 Rupees each.	12	0	0	144	0	0	
2 Cotens at 4 Rupees each ...	8	0	0	96	0	0	
<i>Nargal Dam.</i>							
1 Monegar at 6 Rupees ...	6	0	0	72	0	0	} Employed at Jembugacauvery as above.
2 Cavelgars at 4 Rupees each.	8	0	0	96	0	0	
<i>Kandiyur Dam.</i>							
1 Head Coten at 4 Rupees ...	4	0	0	48	0	0	Employed at Thenperambur as above.
<i>Alamalpuraam Dam.</i>							
1 Monegar at 6 Rupees ...	6	0	0	72	0	0	} Duties as above, without sluices.
3 Cavelgars at 4 Rupees each.	12	0	0	144	0	0	
<i>Ponni Dam.</i>							
1 Monegar at 6 Rupees ...	6	0	0	72	0	0	} Do. do. do.
3 Cavelgars at 4 Rupees each.	12	0	0	144	0	0	
1 Coten at 4 Rupees... ..	4	0	0	48	0	0	
<i>Vennaputur Dam.</i>							
1 Monegar at 6 Rupees ...	6	0	0	72	0	0	} Do. do. do.
3 Cavelgars at 4 Rupees each.	12	0	0	144	0	0	
<i>Kuchamungalum Dam.</i>							
1 Monegar at 6 Rupees ...	6	0	0	72	0	0	} Duties as above, with sluices.
3 Cavelgars at 4 Rupees each.	12	0	0	144	0	0	
<i>Chenavery Dam.</i>							
2 Cotens at 4 Rupees each ...	8	0	0	96	0	0	Do. do. do.
<i>Puliampullum surplus Sluice.</i>							
1 Cavelgar at 4 Rupees ...	4	0	0	48	0	0	Do. do. do.
In addition to the above detailed duties a certain length of bank is assigned to each man to protect it against abuses and trespass of all kinds, to report deterioration or damage as soon as it takes place, &c.							
2ND RANGE.							
<i>Munniy Dam.</i>							
1 Monegar at 6 Rupees ...	6	0	0	72	0	0	These men are employed in taking care of the corumboo at the Munniyar head, also in charge of the nanal plantations near it.
1 Cavelgar at 4 " ...	4	0	0	48	0	0	
1 Coten at 4 " ...	4	0	0	48	0	0	
<i>Merattoor Dam.</i>							
1 Monegar at 6 Rupees ...	6	0	0	72	0	0	In charge of the anicut and banks near, as also the nanal plantations.
2 Cavelgars at 4 " each ...	8	0	0	96	0	0	
<i>Permalcovil Lock.</i>							
1 Monegar at 17½ Rupees ...	17	8	0	210	0	0	In charge of the lock and river banks near it, nanal plantations, and in opening and shutting lock gates for traffic.
1 Cavelgar at 4½ " ...	4	8	0	54	0	0	
3 Do. at 4 " ...	12	0	0	144	0	0	
<i>Lock south bank of Coleroon.</i>							
1 Monegar at 15 Rupees ...	15	0	0	180	0	0	} Same as above.
2 Cotens at 4½ " each.	9	0	0	108	0	0	
4 Do. at 4 " "	16	0	0	192	0	0	

GAN-
GODAVERY
DISTRICT.

JAN.

VIZAGAPATNAM.

Statement showing the duties of the several persons, &c.—(Continued.)

	Monthly.			Annually.			Remarks.
	RS.	A.	P.	RS.	A.	P.	
<i>Munmyar Upper Lock.</i>							
1 Monegar at 14 Rupees ...	14	0	0	168	0	0	In charge of the lock and river banks near, it, nanal plantations, and in opening and shutting lock gates for traffic.
3 Cotens at 4 Rupees ...	12	0	0	144	0	0	
<i>Munmyar Lower Lock.</i>							
3 Cotens at 4 Rupees... ..	12	0	0	144	0	0	Do. do.
<i>Lower Coleroon Anicut.</i>							
1 Monegar at 10 Rupees ...	10	0	0	120	0	0	In general charge of the whole work, besides which they are often employed in the jungle at the head of the island, repairing banks, &c., in the locality of the anicut; they have also charge of the north and south Rajah Voicals and other works near.
10 Cotens at 4 Rupees each...	40	0	0	480	0	0	
<i>3RD RANGE.</i>							
<i>Open Dam.</i>							
2 Cavelgars at 4 Rupees each	8	0	0	96	0	0	To place and remove the Tamboghy planks of the Oopen anicut during the irrigation season. At other times to take charge of the planks and also to watch and plant nanal, &c.
<i>4TH RANGE.</i>							
<i>Kalligoddy Dam.</i>							
1 Cavelgar at 4 Rupees ...	4	0	0	48	0	0	To maintain and improve, and from time to time to report upon the state of the jungle at the anicut.
<i>Nat Dam.</i>							
1 Cavelgar at 4 Rupees ...	4	0	0	48	0	0	To shut and open the head sluices, and to preserve and improve the jungle.
<i>Head of Adapur Rajah Voical.</i>							
1 Monegar at 6 Rupees ...	6	0	0	72	0	0	To open and shut the head sluices as well as the Tamboghy of the anicut for the purpose of regulating the flow of water over the anicut and through the channels. To report upon the state of the river and channel banks. To plant nanal and other plants in the weak portions of the banks. To water the plantations and watch them from being destroyed by cattle, &c.
1 Cavelgar at 4 Rupees ...	4	0	0	48	0	0	To assist the Monegar in the above duties.
<i>Dam across Puthynnullar in Talvayar Cotagum.</i>							
2 Cotens at 4 Rupees each...	8	0	0	96	0	0	To secure the regular supply and effect the drainage of the lands in their proper seasons. To report upon their condition. To superintend their general repairs.

Statement showing the duties of the several persons, &c.—(Continued.)

	Monthly.			Annually.			Remarks.
	RS.	A.	P.	RS.	A.	P.	
<i>Head of Palavanar.</i>							
1 Monegar at 5 Rupees ...	5	0	0	60	0	0	To regulate the supply of water to the lands of Tritrapoondy and Negapatam Taluqs. To report upon the state of the river and channel banks. To plant nanal, &c.
<i>Devadanam Calingulah.</i>							
1 Cavelgar at 4 Rupees ...	4	0	0	48	0	0	To secure a proper supply of water to the lands of Tritrapoondy Taluq, under the Korayar river. To plant and watch nanal, neer-nochy, &c. To report upon the state of the river banks.
<i>5TH RANGE.</i>							
<i>Head of Iyanaur and Mulliaur.</i>							
1 Monegar at 6 Rupees ...	6	0	0	72	0	0	The Monegar's duty is to look after the Cavelgars. The Cavelgars attend to the conservancy of the river banks; give timely notice of any danger; plant nanal, and attend to the opening and shutting of irrigation sluices; pound stray cattle, and look after Government irrigation works within their respective limits.
1 Cavelgar at 4 Rupees each.	4	0	0	48	0	0	
<i>Head of Panaynaur.</i>							
4 Cavelgars at 4 Rupees each.	16	0	0	192	0	0	The Cavelgar at "Iyanaur and Moolyaur" has a range of about four miles. Those stationed on Panayanaur have a range of six miles each.
<i>6TH RANGE.</i>							
<i>Chellar Dam.</i>							
1 Monegar at 6 Rupees ...	6	0	0	72	0	0	In charge of the anicut across the Vettaur and the head sluices of the main channels, or the Rajen Voicals on both sides of the river from the anicut, and superintending the Anicut Cotens or Peons so called, and also keeping register of water on the anicut.
2 Peons at 4 Rupees each ...	8	0	0	96	0	0	Employed for working the sluices of the anicut as well as the head sluices of the two Rajen Voicals, and also promoting the growth of young plants such as cocoanut, bamboos, tamarind, &c., and watching the nanal plantations above and below the anicut for some distance.
<i>Yengum Corumboo.</i>							
1 Cavelgar at 4 Rupees ...	4	0	0	48	0	0	Employed in working the Valay Voical head sluice, growing young plants of different trees at its head and at the nose between the rivers Vettaur and Oodembohy.

Statement showing the duties of the several persons, &c.—(Concluded.)

showing the duties of the several persons, &c.—(Concluded.)

	Monthly.			Annually.			Remarks.
	RS.	A.	P.	RS.	A.	P.	
TRICHINOPOLY DISTRICT.							
1ST RANGE.							
<i>Establishment for the protection of the River embankments.</i>							
1 Peishcar at 7 Rupees	7	0	0	84	0	0	Conservancy of Coleroon and Cauvery banks a distance of 94 miles. To protect the nanal plantations from the depredations of men and cattle, and to take to the pounds all cattle found trespassing. To execute minor repairs, and plant and water trees when required to do so.
1 Maniem at 7 "	7	0	0	84	0	0	
1 Royasem at 3 "	3	0	0	36	0	0	
3 Monegars at Rs. 2-10-0 each	7	14	0	94	8	0	
13 Peons at " 2-8-0 each	32	8	0	390	0	0	
2ND RANGE.							
1 Peishcar at 7 Rupees	7	0	0	84	0	0	This establishment watches the nanal and other shrubs (in the Cauvery river Padoogays extending over 32 miles) which are the principal materials used for the construction of coramboos, besides this it impounds the cattle, and keeps an account of the same
1 Maniem at Rs. 2-10-0	2	10	0	31	8	0	
4 Peons at " 2-8-0 each...	10	0	0	120	0	0	
4TH RANGE.							
1 Maniem at Rs. 2-10-0	2	10	0	31	8	0	Watching Cauvery river Padoogay and suppling nanal and brushwood to Koramboos from the limits of Pattavoitala to the limits of Vathyem Voitala near Laulpett.
3 Peons at " 2-8-0 each	7	8	0	90	0	0	

TANJORE,

30th September 1864.

(Signed)

TANJORE,
30th September 1864.

(Signed) J. BEAN, Captain, R. E.,
Officiating Superintending Engineer, 6th Division.

No. 192. 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, 1st October 1864, No. 3,180 :—

SIR,

1. With reference to the

(Signed) J. BEAN, Captain, R. E.,
Officiating Superintending Engineer, 6th Division.

1. With reference to the Proceedings of Government No. 2,423, dated 23rd August 1864, I have the honor to submit for orders the accompanying Statement showing the duties of the several Neranikum Establishments maintained in this Division.

2. I do not see that the transfer of the supervision of these establishments to the Revenue authorities would be attended with any advantage over the present system, though I have in the case of those noted in the margin, informed the Board of Revenue, that I have no objection to their being placed under the entire control of the Deputy Collector; but in the case of the Kumban Cál Channel, in the Madras District, and those of the Pálár, Poiney, and Chéyaur Anicuts in North Arcot, the strength of establishment is sufficient to admit of the sluices being properly attended to in all contingencies, so that village aid need never be called in, and there I consider that the Officers of the Public Works Department are as well able to prevent neglect of duty and unfair distribution of water, as those of the Revenue Department.

3. The several establishments entered in the accompanying Statement are those last sanctioned by Government, and will in some instances be found to differ from those given in the printed Statement which accompanied the G. O. under reply.

*Proceedings of the Madras Government, Public Works Department, 9
10th November 1864.*

Statement showing the duties of the several Nevanikum Establishments entertained in the Madras and North Arcot Districts of the 4th Division.

No. and date of G. O. sanctioning Establishment.	Name of Establishment.	Monthly cost.	Annual cost.	Remarks explanatory of nature of duties performed by each person.
No. 2,380, dated 19th November 1860.	MADRAS DISTRICT. <i>Casáveram Anicut.</i>	Rs. A. P. 7 0 0 3 8 0 Total... 10 8 0	Rs. 126	The Monegars and Peons are employed in looking after the anicut and the channels, and distributing the water in a proper manner so that it be not wasted. It is obvious that in a contingency such establishment would be quite insufficient, and therefore I should not object to their transfer to the Revenue authorities, as <i>they</i> can supplement their establishment by village aid, which this Department cannot.
No. 231, dated 20th February 1856.	<i>Koratoor Anicut.</i>	7 0 0 3 8 0 Total... 10 8 0	126	
No. 3,574, dated 4th December 1863.	<i>Shadiancoopum Lock.</i>	20 0 0 12 0 0 8 0 0 28 0 0 Total... 68 0 0	816	The duties of the Conicopolies are to take their watch with the Lascars alternately day and night to see the Lock gates opened and closed without delay, to keep the register of boat passengers and submit the same to the Deputy Collector at Madras. They are also required to keep a tidal register and furnish a copy thereof every ten days to the Executive Engineer in charge of the Coast Canal. The Lascars are engaged in the management of the Lock, &c.
No. 3,818, dated 23rd December 1863.	<i>Kumbum Cál Channel.</i>	20 0 0 12 0 0 48 0 0 80 0 0 Total... .. Total Madras District... 2,028	960	Has charge of the entire length of channel (27 miles), and distribution of water to tank under it. Each Lascar has charge under the Monegar of 13½ miles of channel with tanks, and supervises the work of six Niringanties. These men are employed to work the sluices in the channel and in the calingulabs of tanks under it, and to look after the conservancy of the banks and trees growing thereon.

Statement showing the duties of the several Neranikum Establishments, &c., (Continued.)

No. and date of G. O. sanctioning Establishment.	Name of Establishment.	Monthly cost.		Annual cost.	Remarks explanatory of nature of duties performed by each person.
		RS.	A. P.		
No. 168, dated 16th January 1864.	NORTH ARCOT. PALAR ANICUT. <i>Anicut Sluices, &c.</i>	...	...	...	Has charge of the anicut and head sluices, and of portion of the Caverypauk and Mahindravady channels. Employed to work the sluices and distribute water under the orders of the Monegar.
	1 Monegar ...	25	0 0	...	
	4 Lascars at 4½ Rupees each ...	18	0 0	...	
	Total...	43	0 0	516	
Do.	<i>Govindavady Channel (14 miles in length.)</i>	...	...	...	Employed to work the sluices, distribute water plant nanal, and keep the bed of the channel free from grass.
	3 Lascars at 4½ Rupees each ...	13	8 0	162	
Do.	<i>Mahindravady Tank and Channel (14 miles in length.)</i>	...	...	...	Attends to sluices of tank and channel and the conservancy of channel banks. Employed to work the sluices, distribute water, and prevent banks being thrown by the Ryots across the channel.
	1 Monegar ...	15	0 0	...	
	3 Lascars at 4½ Rupees each ...	13	8 0	...	
	Total...	28	8 0	342	
Do.	<i>Dusimamandoor Channel with branches (30 miles in length.)</i>	...	...	...	To attend to sluices of tanks and the conservancy of channel banks. Employed to work sluices, distribute water, and prevent banks from being thrown by the Ryots across the channel.
	1 Monegar...	15	0 0	...	
	3 Lascars at 4½ Rupees each ...	13	8 0	...	
	Total...	28	8 0	342	

No. 168, dated 16th January 1864.	<i>Caverypauk Channel (9 miles in length.)</i>	...	...	...	...	To attend to sluices of tanks and the conservancy of channel banks. Employed to work sluices and plant nanal, &c.
	1 Monegar ..	...	...	...	15 0 0	
	2 Lascars at 4½ Rupees each ...	...	...	...	9 0 0	
	Total...	...	...	...	24 0 0	
Do.	<i>Poinney Anicut and Channel (30 miles in length.)</i>	...	...	...	...	To work the anicut and channel sluices and attend to the conservancy of 30 miles of channel. Employed under the orders of the Monegar at the sluices and on the channel banks.
	1 Monegar...	...	...	...	25 0 0	
	1 Do. ...	...	...	...	15 0 0	
	3 Lascars at 5 Rupees each ...	...	...	...	15 0 0	
Do.	<i>Cheyaur Anicut and Channels (18 miles in length.)</i>	...	...	...	...	These men have the management of the anicut and channel sluices and the supervision of the distribution of water. Employed under the orders of the Monegars at the sluices and on the channel.
	1 Monegar...	...	...	...	27 0 0	
	1 Do. ...	...	...	...	20 0 0	
	6 Lascars at 5 Rupees each ...	...	...	...	30 0 0	
	Total...	...	...	...	77 8 0	930
	Total North Arcot...	...	...	...	77 0 0	924
						3,504

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

12 *Proceedings of the Madras Government, Public Works Department,*
10th November 1864.

No. 193. From Lieut.-Colonel G. W. WALKER, R. E., Superintending Engineer, 7th Division, to Colonel C. A. ORR, R. E., Secretary to Government, Department Public Works, dated Sultan's Battery, 12th October 1864, No. 134.

SIR,

1. With reference to your Memorandum No. 96, of the 28th September 1864, I have the honor to state that having referred the Government Order, No. 2,423 of 23rd August 1864, for the opinion of the Paulghaut Range Officer, he suggests the persons employed at the Yennamakul and Veatil dams being placed under the Revenue authorities, as their duties are connected directly with the irrigation of the lands adjacent to those works; and that the Tahsildar of Ponany has frequently complained of the delay that often unavoidably occurs, owing to the absence of the Overseer on other duty, in placing on or removing from the weirs the coffer boxes, which could not take place were the Adigharry, who resides near each dam, empowered to give orders. Mr. Supervisor Smither is also of opinion that, were the dams under the control of the Adigharries, it is probable that the bunds would not be so much injured as they are at present by cattle, &c., owing to the employment of the peon and watchman only for six months of the year.

2. The Collector of Malabar has signified to me his entire approval of the above suggestions, in which I fully concur.

No. 194. 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, 25th October 1864, No. 799:—

SIR,

Referring to G. O. No. 2,423 of 23rd August 1864, I have the honor to forward, herewith, a Statement showing the duties on which the several persons on the Conservancy Establishment are now employed in the three Districts of this Division.

1 Statement of Conservancy.

Statement showing the duties of the Conservancy Establishment entertained in the three Districts of the 1st Division.

Proceedings of the Madras Government, Public Works Department, 13
10th November 1864.

Statement showing the duties of the Conservancy Establishment entertained in the three Districts of the 1st Division.																																							
SUPERINTENDING WORKS, BESIDES THE REGULAR CONSERVANCY DUTIES.										DISTRIBUTING WATER. IN THE DRY SEASON EMPLOYED ON REPAIRS.																													
No.	DISTRICT.	I Range.	II do.	III do.	IV do.	V do.	VI do.	Delta Superintendents, each at 70 Rs.		Navigation Superintendents, each at 50 Rs.		Lascars at 5 Rs. each.		Channel Superintendents, each at 12 Rs.		Maistries at 14 Rs. each.		Maistries at 12 Rs. each.		Lascars at 4 Rs. each.		Goomasthas at 10 Rs. each.		Superintendent at 20 Rs.		Channel Superintendents at 12 Rs. each.		Channel Superintendents at 10 Rs. each.		Channel Superintendents at 8 Rs. each.		Maistries at 7 Rs. each.		Peons at 5 Rs. each.		Peons at 4 Rs. each.		Superintendents at 6 Rs. each.	
								Number.	Amount.	Number.	Amount.	Number.	Amount.	Number.	Amount.	Number.	Amount.	Number.	Amount.	Number.	Amount.	Number.	Amount.	Number.	Amount.	Number.	Amount.	Number.	Amount.	Number.	Amount.	Number.	Amount.	Number.	Amount.	Number.	Amount.	Number.	Amount.
								1	70	2	100	4	20	8	96	2	28	1	12	8	32	1	10	1	10	1	10	1	10	1	8	3	21	18	90	29	116	1	6
								1	70	2	100	4	20	8	96	2	28	1	12	8	32	1	10	1	10	1	10	1	10	1	8	3	21	18	90	29	116	1	6
								1	70	2	100	4	20	8	96	2	28	1	12	8	32	1	10	1	10	1	10	1	10	1	8	3	21	18	90	29	116	1	6
								1	70	2	100	4	20	8	96	2	28	1	12	8	32	1	10	1	10	1	10	1	10	1	8	3	21	18	90	29	116	1	6
								1	70	2	100	4	20	8	96	2	28	1	12	8	32	1	10	1	10	1	10	1	10	1	8	3	21	18	90	29	116	1	6
								1	70	2	100	4	20	8	96	2	28	1	12	8	32	1	10	1	10	1	10	1	10	1	8	3	21	18	90	29	116	1	6
								1	70	2	100	4	20	8	96	2	28	1	12	8	32	1	10	1	10	1	10	1	10	1	8	3	21	18	90	29	116	1	6
								1	70	2	100	4	20	8	96	2	28	1	12	8	32	1	10	1	10	1	10	1	10	1	8	3	21	18	90	29	116	1	6
								1	70	2	100	4	20	8	96	2	28	1	12	8	32	1	10	1	10	1	10	1	10	1	8	3	21	18	90	29	116	1	6
								1	70	2	100	4	20	8	96	2	28	1	12	8	32	1	10	1	10	1	10	1	10	1	8	3	21	18	90	29	116	1	6
								1	70	2	100	4	20	8	96	2	28	1	12	8	32	1	10	1	10	1	10	1	10	1	8	3	21	18	90	29	116	1	6
								1	70	2	100	4	20	8	96	2	28	1	12	8	32	1	10	1	10	1	10	1	10	1	8	3	21	18	90	29	116	1	6
								1	70	2	100	4	20	8	96	2	28	1	12	8	32	1	10	1	10	1	10	1	10	1	8	3	21	18	90	29	116	1	6
								1	70	2	100	4	20	8	96	2	28	1	12	8	32	1	10	1	10	1	10	1	10	1	8	3	21	18	90	29	116	1	6
								1	70	2	100	4	20	8	96	2	28	1	12	8	32	1	10	1	10	1	10	1	10	1	8	3	21	18	90	29	116	1	6
								1	70	2	100	4	20	8	96	2	28	1	12	8	32	1	10	1	10	1	10	1	10	1	8	3	21	18	90	29	116	1	6
								1	70	2	100	4	20	8	96	2	28	1	12	8	32	1	10	1	10	1	10	1	10	1	8	3	21	18	90	29	116	1	6
								1	70	2	100	4	20	8	96	2	28	1	12	8	32	1	10	1	10	1	10	1	10	1	8	3	21	18	90	29	116	1	6
								1	70	2	100	4	20	8	96	2	28	1	12	8	32	1	10	1	10	1	10	1	10	1	8	3	21	18	90	29	116	1	6
								1	70	2	100	4	20	8	96	2	28	1	12	8	32	1	10	1	10	1	10	1	10	1	8	3	21	18	90	29	116	1	6
								1	70	2	100	4	20	8	96	2	28	1	12	8	32	1	10	1	10	1	10	1	10	1	8	3	21	18	90	29	116	1	6
								1	70	2	100	4	20	8	96	2	28	1	12	8	32	1	10	1	10	1	10	1	10	1	8	3	21	18	90	29	116	1	6
								1	70	2	100	4	20	8	96	2	28	1	12	8	32	1	10	1	10	1	10	1	10	1	8	3	21	18	90	29	116	1	6
								1	70	2	100	4	20	8	96	2	28	1	12	8	32	1	10	1	10	1	10	1	10	1	8	3	21	18	90	29	116	1	6
								1	70	2	100	4	20	8	96	2	28	1	12	8	32	1	10	1	10	1	10	1	10	1	8	3	21	18	90	29	116	1	6
								1	70	2	100	4	20	8	96	2	28	1	12	8	32	1	10	1	10	1	10	1	10	1	8	3	21	18	90	29	116	1	6
								1	70	2	100	4	20	8	96	2	28	1	12	8	32	1	10	1	10	1	10	1	10	1	8	3	21	18	90	29	116	1	6
								1	70	2	100	4	20	8	96	2	28	1	12	8	32	1	10	1	10	1	10	1	10	1	8	3	21	18	90	29	116	1	6
								1	70	2	100	4	20	8	96	2	28	1	12	8	32	1	10	1	10	1	10	1	10	1	8	3	21	18	90	29	116	1	6
								1	70	2	100	4	20	8	96	2	28	1	12	8	32	1	10	1	10	1	10	1	10	1	8	3	21	18	90	29	116	1	6
								1	70	2	100	4	20	8	96	2	28	1	12	8	32	1	10	1	10	1	10	1	10	1	8	3	21	18	90	29	116	1	6
								1	70	2	100	4	20	8	96	2	28	1	12	8	32	1	10	1	10	1	10	1	10	1	8	3	21	18	90	29	116	1	6
								1	70	2	100	4	20	8	96	2	28	1	12	8	32	1	10	1	10	1	10	1	10	1	8	3	21	18	90	29	116	1	6
								1	70	2	100	4	20	8	96	2	28	1	12	8	32	1	10	1	10	1	10	1	10	1	8	3	21	18	90	29	116	1	6
								1	70	2	100	4	20	8	96	2	28	1	12	8	32	1	10	1	10	1	10	1	10	1	8	3	21	18	90	29	116	1	6
								1	70	2	100	4	20	8	96	2	28	1	12	8	32	1	10	1	10	1	10	1	10	1	8	3	21	18	90	29	116	1	6
								1	70	2	100	4	20	8	96	2	28	1	12	8	32	1	10	1	10	1	10	1	10	1	8	3	21	18	90	29	116	1	6
								1	70	2	100	4	20	8	96	2	28	1	12	8	32	1	10	1	10	1	10	1	10	1	8	3	21	18	90	29	116	1	6
								1	70	2	100	4	20	8	96	2	28	1	12	8	32	1	10	1	10	1	10	1	10	1	8	3	21	18	90	29	116	1	6
								1	70	2	100	4	20	8	96	2	28	1	12	8	32	1	10	1	10	1	10	1	10	1	8	3	21	18	90	29	116	1	6
								1	70	2	100	4	20	8	96	2	28	1	12	8	32	1	10	1	10	1	10	1	10	1	8	3	21	18	90	29	116	1	6
								1	70	2	100	4	20	8	96	2	28	1	12	8	32	1	10	1	10	1	10	1	10	1	8	3	21	18	90	29	116	1	6
								1	70	2	100	4	20	8	96	2	28	1	12	8	32	1	10	1	10	1	10	1	10	1	8	3	21	18	90	29	116	1	6
								1	70	2	100	4	20	8	96	2	28	1	12	8	32	1	10	1	10	1	10	1	10	1	8	3	21	18	90	29	116	1	6
								1	70	2	100	4	20	8	96	2	28	1	12	8	32	1	10	1	10	1	10	1	10	1	8	3	21	18	90	29	116	1	6
								1	70	2	100	4	20	8	96	2	28	1	12	8	32	1	10	1	10	1	10	1	10	1	8	3	21	18	90	29	116	1	6
								1	70	2	100	4	20	8	96	2	28	1	12	8	32	1	10	1	10	1	10	1	10	1	8	3	21	18	90	29	116	1	6
								1	70	2	100	4	20	8	96	2	28	1	12	8	32	1	1																

WALT AIR,
5th October 1864.

16 *Proceedings of the Madras Government, Public Works Department,*
10th November 1864.

Statement showing the Establishment employed for the Conservancy of irrigation works.—(Continued.)

Establishment.	Name of the work.	Duties assigned to them.
<i>4th Range—(Contd.)</i>		
2 Peons	Veeranam and Vandavaur tanks.	Employed in looking after the banks and superintending repairs, to regulate distribution of water to all the sluices. Superintending the repairs of the road over Coleroon bank, and looking after the nanal planted on the banks. Attending to the opening and closing of the shutters of the Vellaur anicut, and the head sluices connected with the channels fed by the anicut. Attending the Upper and Lower Locks, and superintending the regular distribution of water to the sluices on the bunds of Veeranam and Vandavaur tanks. Attending to the tank and all its sluices. Attending the lock and the nanal in Vellical bank; the Ameen also inspects a part of the Khansaib's channel bank and reports its state to the Overseer once a week. Attending the lock; the Ameen inspects a further portion of the Khansaib's channel bank up to the Vellaur and reports its state to the Overseer once a week.
1 Monegar and 4 Taliaries.	Coleroon banks and Nanal.	
6 Kotens	Vellaur Anicut.	
1 Ameen and 4 Kotens.	Laulpett Lock.	
2 Peons and 1 Diver.	Wallajah Tank.	
1 Ameen and 3 Kotens.	Veeranuthum Lock.	
1 Ameen and 4 Kotens.	Porto Novo Lock.	

SALEM,
27th October 1864.

(Signed) C. V. WILKIESON, Lieut.-Colonel, R. E.,
Superintending Engineer, 5th Division.

No. 196.

ORDER THEREON, 10th November 1864, No. 3,224.

No. 1,483, 17th August 1864.
" 1,842, 7th October "
" 1,893, 14th " "

Resolved that the papers recorded above be communicated to the Revenue Department, with reference to the orders in that Department marginally noted.

(True Extract.)



Colonel, R. E.,
Secretary to Government.

To the Revenue Department,

Exd. T. Cartledge.

R No. 17 Augt/64 No. 248-249
 7 Octr " " " 62-63
 44 " " " " 161-162
 P. No. 23 August " " " 476-477

Revenue 1864-65
 Pro. of Govt. for Feb 65
 No. 2959.

Proceedings of the
 Madras Govt. in the
 Public Works Office.

Dated 12th 3rd Novemr.
 Received 12th 3rd 1864.

No. 3224.

Communicating ex-
 correspondence from the
 Supg. Engrs relative to the
 number and nature of du-
 ties of the several per-
 sons on the Conservancy
 Estab^t of the several irri-
 gation works.

No. 321.

18 Jan'y/65

several persons employed

My dear Sir
 Here is the paper
 about the Conservancy Es-
 tablishment - I don't think
 you need say any thing
 about any of the establishments
 being employed in any time
 or other than strictly lower.
 Many duties - The Sd. Engrs
 have made too much of
 this through fear of losing

2 From (a) 4 26/5

Pro. 17 Augt/64 No. 248-2

Under control over the
 Subalterns - Missions
 regarding the Dept. of
 the Fisheries
 I am for the sake of
 the Fisheries station with
 you very

Yours faithfully
 C. M. S. S.
 24/8/64

12

The several persons employed
 the Madras Presidency.

Salary per month Remarks

A. P.
 " " Distributing Water in the
 " " season employed on repairs

No. II Range

2 Peons @ 4 Rs. 8 " " Looking after Ancient Locks

No. III Range

1 Head Cooly 3 8 " " " "
 16 Total Panjama 79 8 "

No. I Range

1 Guinastah 10 " "
 5 Peons @ 5 Rs. 25 " "
 2 Lascars @ 4 1/2 Rs. 9 " "
 8 Total Vizagapatnam 44 " "

No. I Range

1 Delta Superintendent 70 " " } Superintending works, etc.
 2 Navigation S. @ 50 Rs. 100 " " } side the regular Conserv.
 4 Lascars @ 5 Rs. 20 " " } various duties

15 Channel Supt. @ 12 Rs. 180 " " }
 1 " " 10 " " } Distributing Water in the
 6 Peons @ 5 Rs. 30 " " } dry season employed on
 29 " @ 4 Rs. 116 " " } repairs

2 Writers @ 15 Rs. 30 " "
 1 Shroff 10 " "
 1 Peon @ 5 Rs. 5 " "
 2 Supts @ 8 Rs. 16 " "
 1 Lascars @ 6 Rs. 6 " "
 1 Peon @ 4 Rs. 4 " "
 21.8 " "

Looking after
 Ancient Locks & S.

Division

Districts	Establishment	Salary per mensem	Remarks
Godavery (contd) <u>No. II Range</u>			
1 Delta Supt.	70	" "	Superintending works, besides the regular Conservancy duties.
2 Navigation S. @ 50 Rs.	100	" "	
11 Lascars @ 5 Rs.	20	" "	
15 Channel Supt. @ 12 Rs.	180	" "	Distributing water - In the dry season employed on repairs.
1 S. @ 10 Rs.	10	" "	
1 S. @ 8 Rs.	8	" "	
8 Peons @ 5 Rs.	40	" "	
19 S. @ 11 Rs.	76	" "	
1 Supt.	6	" "	
6 Supt. @ 8 Rs.	48	" "	Looking after Anicut, Locks & G.
24 Peons @ 11 Rs.	96	" "	
<u>No. III Range</u>			
1 Delta Supt.	70	" "	Superintending works, besides the regular Conservancy duties.
2 Navigation S. @ 50 Rs.	100	" "	
11 Lascars @ 5 Rs.	20	" "	
13 Channel Supt. @ 12 Rs.	156	" "	Distributing water - In the dry season employed on repairs.
1 S. @ 10 Rs.	10	" "	
32 Peons @ 11 Rs.	128	" "	
2 Peons @ 5 Rs.	10	" "	Looking after Anicut, Locks & G.
13 Supt. @ 8 Rs.	104	" "	
1 S. or Lascar	6	" "	
58 Peons @ 11 Rs.	232	" "	
<u>No. IV Range</u>			
2 Navigation Supt. @ 50 Rs.	100	" "	Superintending works, besides the regular Conservancy duties.
2 Lascars @ 5 Rs.	10	" "	
8 Channel Supt. @ 12 Rs.	96	" "	
8 Lascars @ 4 Rs.	32	" "	
2 Peons @ 5 Rs.	10	" "	Looking after Anicut Locks & G.
1 Supt.	8	" "	
1 S. or Lascar	6	" "	
18 Peons @ 11 Rs.	72	" "	

1st Division (continued)

Division

Districts	Establishment	Salary per mensem	Remarks
<u>Godavery (Contd)</u> <u>N^o V Range</u>			
2 Maistries @ 11 Rs.	28 " "	} Superintending works, besides the regular Conservancy duties.	
1 " " " "	19 " "		
1 Writer	15 " "	} Looking after Anicut, Locks & " "	
2 Peons @ 5 Rs.	10 " "		
3 Supts @ 8 Rs.	24 " "		
1 Supt or Lascars @ 6 Rs.	24 " "		
20 Peons @ 4 Rs.	80 " "		
1 Gurnastah	18 " "		
1 Supt's Writer	7 " "		
40 Coolies @ 3 Rs.	120 " "	} " "	
1 Channel Supt	7 " "		
<u>N^o VI Range</u>			
1 Supt	20 " "	} Distributing water. In the dry season employed in repairs	
4 Channel Supts @ 10 Rs.	140 " "		
11 Peons @ 5 Rs.	20 " "		
2 Peons @ 4 Rs.	8 " "		
1 Superintendent	6 " "		
482	Total Godavery	3231 8 "	
<u>Kistna Anicut</u>			
1 Superintendent	100 " "	} The Anicut Supt has general charge of the anicut and heads of the main channels. During the irrigation season, he has to attend to the opening and shutting of the sluices, the working of the locks at Dargosah and Sittanagaram. He has also the management of the quarries and kilns which are chiefly used for the repair of the anicut and in the dry season to	
1 Maistry	30 " "		
1 Gurnastah	12 " "		
2 Lascars @ 5 Rs.	10 " "		
2 Lock Maistries @ 8 Rs.	16 " "		
10 Lock Lascars @ 4 Rs.	160 " "		
16 Anicut Lascars @ 4 Rs.	64 " "		

1st Division (continued)

2nd Division

Division

2nd Division/Continued

Districts	Establishment	Salary per mensem	Remarks
Historical (Cand)			
<u>Irrigation Establishment</u>			
2 Delta Superintendents at 70 Rs.	140	"	Superintends the execution of the repairs. The District Engineer, Goornastah, & two Lascars are employed under the District Superintendent to assist him in the above duties and the two Lascars are for working the shutters of head and minor sluices. The two Lock Trustees are in charge of lock out & in, goornastah, & the two Lascars are for working them.
40 Channel Ds. at 12 Rs.	480	"	
44 Lascars Ds. at 5 Rs.	220	"	
<u>Navigation Establishment</u>			
2 Navigation Superintendents @ 50 Rs.	100	"	The Delta Superintendents are employed in supervising the distribution of water to the various irrigation channels during the irrigation season. They also prepare estimates for the clearances and superintend their execution. The Channel Superintendents are employed solely in the Delta and have charge of the irrigation channels. Their duties are obvious. They have constantly to be moving about to distribute water to open or close sluices. In the dry weather they superintend the clearances under the Delta Superintendent or an Overseer. Each Delta Superintendent has two Lascars and a Channel Superintend.
2 Lascars @ 5 Rs.	10	"	
11 Lock Goornastahs, 4 @ 15 Rs., 1 @ 12 Rs., 1 @ 10, 15 @ 8 Rs.	122	"	
64 Lascars @ 4 Rs.	256	"	The Superintendents are required for supervising the navigation operations. No looking after the boats is indispensably necessary since the License Rules have been brought into force. Lock Goornastahs are employed in opening and shutting up the locks in the several canals to facilitate the traffic. Their attendance at the locks is always required. The lock establishment also work the sluices in the vicinity of the locks under the order of the Range Officer.
Total 1576			

Division

2nd Division/Continued

Districts	Establishment	Salary per mensem	Remarks
<u>Nellore — Permain Anicut Estab- lishment.</u>			
1 Superintendent	45	" "	The Anicut Superintendents at Nellore has nearly the same duties to perform as those of the District Anicut Superintendents
1 Goornastah	10	" "	
1 Lascar	6	" "	
15 Lascars @ 5 Rs.	75	" "	
<u>Extra Establishment.</u>			
<u>Nellore Tanks.</u>			
1 Superintendent	7	" "	These minor establishments are required for working the shutters of the head sluices and other regulators, during the irrigation season. They are all on channels that derive their supply from the river Permain
2 Lascars @ 5 Rs.	10	" "	
<u>For Vayur Channel Head Sluice.</u>			
4 Lascars @ 5 Rs.	20	" "	
<u>For the Gundavaram and Divur Channel Head Sluice at Langiam.</u>			
1 Goornastah	7	" "	
4 Lascars @ 5 Rs.	20	" "	
<u>Four branch of Saffar Saib's Channel.</u>			
1 Goornastah	8	" "	
1 Lascar	5	" "	
<u>Lahur branch of Saffar Saib's Channel.</u>			
1 Goornastah	8	" "	
5 Lascars @ 5 Rs.	25	" "	
<u>Ristrapatam branch</u>			
1 Goornastah	8	" "	
4 Lascars @ 5 Rs.	20	" "	

Division	Districts	Establishment	Salary per mensem.	Remarks
2 nd Division	Nellore (contd.)			
		<u>Survapilly Channel.</u>		
		1 Goomastah	8 " "	
		2 Lascars @ 5 Rs.	10 " "	
		<u>46</u>		
		Total Nellore	292	

None.

Madras. - <u>Casauveram Anicut</u>			
1 Monegar	7		The Monegars & Peons are employed in looking after the Anicut and the channels and distributing the water in a proper manner so that it be not wasted. It is obvious that in a contingency such establishment would be quite insufficient, and therefore I should not object to their transfer to the Revenue authorities, as they can supplement their establishment by village aid, which this department cannot.
1 Peon	3	8	
<u>Korator Anicut</u>			
1 Monegar	7		
1 Peon	3	8	
<u>Shadiancoopum Lock</u>			
1 Conicopoly	20		The duties of the Conicopolies are to take their watch with the Lascars alternately, day & night to see the Lock gates opened and closed as without delay, to keep the registers of boat passengers
1 Assistant Do.	12		
1 Head Lascar	8		
4 Lascars @ 7 Rs.	28		

Division	Districts	Establishment	Salary per mensem.	Remarks
3 rd Division	Madras (contd.)			
		<u>Kumbum Tal Channel</u>		
	1 Monegar	20		Has charge of the entire length of channel (27 miles), & distribution of water to tanks under it. Each Lascar has charge under the Monegar of 13 1/2 miles of channel with tanks, and supervises the work of 12 Kirganties.
	2 Lascars @ 6 Rs.	12		
4 th Division		<u>12 Kirganties @ 4 Rs.</u>	48	These men are employed to work the sluices in the channel & in the calingulaks of tanks under it, and to look after the conservancy of the banks and trees growing thereon.
		<u>25</u>		
		Total Madras	169	
	North West - Palara Anicut.			
		<u>Anicut Sluices &c.</u>		
	1 Monegar	25		Has charge of the anicut and head sluices, and of portion of the Caverypatti and Mahindrawady channels.
	4 Lascars @ 4 1/2 Rs.	18		Employed to work the sluices and distribute water under the orders of the Monegar.
		<u>Govindavady Channel (14 miles in length)</u>		
	3 Lascars @ 4 1/2 Rs.	13	8	Employed to work the sluices distribute water plant, canal, and keep the bed of the channel free from grass.
		<u>Mahindrawady Tanks & Channel (14 miles in length)</u>		
	1 Monegar	15		Attends to sluices of tank and channel and the conservancy of channel banks.

Division	District	Establishment	Salary per mensem	Remarks
4 th Division	North Arcot (Contd)	3 Lascars @ 4 1/2 B ^{ts} —	13 8	Employed to work the sluices, distribute water, and prevent banks being thrown by the Ryots across the channel.
		<u>Dudimamandoor Channel</u> with branches (30 miles in length)		
		1 Monegar —	15	To attend to sluices of tanks & the conservancy of channel banks.
		3 Lascars @ 4 1/2 B ^{ts} —	13 8	Employed to work sluices, distribute water & prevent tanks from being thrown by the Ryots across the channel.
		<u>Launaryfrank Channel</u> (9 miles in length)		
		1 Monegar —	15	To attend to sluices of tanks & the conservancy of channel banks.
		2 Lascars @ 4 1/2 B ^{ts} —	9	Employed to work sluices and plant narsal &c.
		<u>Porney Aricut Channel</u> (30 miles in length)		
		1 Monegar —	25	To work the Aricut Channel sluices & attend to the conservancy of 30 miles of channel.
		3 Lascars @ 5 B ^{ts} —	15	Employed under the orders of the Monegar at the sluices & on the channel banks.
5 th Division	South Arcot	6 Lascars @ 3 3/4 B ^{ts} —	22 8	Employed under the orders of the Monegar at the sluices & on the channel banks.
		<u>Cheyar Aricut and</u> <u>Channels (18 miles in length)</u>		
		1 Monegar —	27	These men have the management of the ancient and channel sluices & the supervision of the distribution of water.
		1 — B ^{ts} —	20	Employed under the orders of the Monegar at the sluices and on the channel.
		6 Lascars @ 5 B ^{ts} —	30	
		38		Total North Arcot 292
		<u>1st Range</u> <u>Tiruvadi Aricut</u>		
		1 Monegar —		Employed for putting in and taking out the shutters of the sluices of the ancient & those of the head sluice and to protect the ancient & channel banks from trespass of cattle, & in planting narsal where it is wanted.

Division	District	Establishment	Salary per mensem	Remarks
5 th Division	South Arcot (Contd)	<u>Permal Tank</u>		Engaged in looking after the banks of the tank, its cultivation, &c.
		2 Peons —		
		<u>3rd Range</u> <u>Pooncaur Aricut</u>		
		1 Superintendent —		Employed in looking after the ancient sluices connected therewith; superintending minor repairs done by Hottens to embankments, revetments, & aprons, to attend to the requisitions of the Ryots for the supply of water, and to write orders from the Range Officer, also in charge of the ancient stores.
		2 Hottens —		Employed in looking after the embankments to prevent cattle trespassing, and people cutting the grass protecting the embankments.
		<u>4th Range</u> <u>Veeranam & Vadavoor tanks</u>		
		1 Hottens —		Attending the sluices of Veeranam tank and those of Vadavoor.
5 th Division	South Arcot	<u>Maramut works, Ma. at</u> <u>Yeddi Talug</u>		
		2 Peons —		Employed in collecting coolies, &c. for emergent work, and in attendance at the Overseer's Office.
		<u>Veeranam & Vadavoor tanks</u>		
		2 Peons —		Employed in looking after the banks & superintending repairs to regulate distribution of water to all the sluices.
		<u>Coleroon banks & Tanai</u>		
		1 Monegar —		Superintending the repairs of the road over Coleroon bank, & looking after the narsal planted on the banks.
		4 Peons —		
		<u>Vellaur Aricut</u>		
		6 Hottens —		Attending to the opening & closing of the shutters of the Vellaur ancient, and the head sluices connected with the channels fed by the uni

Division	District	Establishment	Salary per mensem	Remarks
5 th Division	South Arcot (Contd.)	4 th Range (continued)	Rt. Lt. P.	
		Laulpett Lock		
		1 Ameen		
		4 Potens		Attending the Upper and Lower Locks, and superintending the regular distribution of water to the sluices on the banks of Veeranam & Vandavur tanks.
		Wallojah Tank		Attending to the tank and all its sluices.
6 th Division	Tanjore	2 Peons		
		1 Diver		
		Veeranuthum Lock		
		1 Ameen		Attending the lock and the canal in Vellial bank, the Ameen also inspects on part of the Kharasibi channel bank and reports its state to the Overseer once a week.
		3 Potens		
6 th Division	Tanjore	Potto Novo Lock		
		1 Ameen		Attending the lock, the Ameen inspects a further portion of the Kharasibi channel bank up to the Vellur and reports its state to the Overseer once a week.
		4 Potens		
		Total South Arcot		
		1 st Range		
6 th Division	Tanjore	Grand Anicut		
		1 Head Coten	4 " "	Working under sluice shutters; removing obstructions such as trees, sand banks, &c. which may form during freshes and be thought prejudicial to the work; planting out manal, which cane, &c. after each fresh, where the regulation of the river may require. General trained supervision of the banks and river bed and attending to bamboos, &c. plantations.
		9 Potens @ 4 Rt.	36 " "	
		Atty Dam		
		1 Head Coten	4 " "	Regulating water on crest, and same duties as above.

Division	District	Establishment	Salary per mensem	Remarks
5 th Division	Tanjore (Contd.)	Upper Coleroon Anicut	Rt. Lt. P.	
		1 Head Coten	6 " "	
		3 Potens @ 4 Rt.	12 " "	Regulating depth of water, and duties as above shown opposite
		2 Leather boatmen @ 4 Rt.	8 " "	Grand Anicut estab.
		Goundacavery Balagum	10 12 " "	Establishment
6 th Division	Tanjore	1 Monegar	16 " "	
		4 Caveldars @ 4 Rt.	12 " "	
		3 Potens @ 4 Rt.	12 " "	
		Cauvery & Vennar Head		
		1 Monegar	10 2 " "	
6 th Division	Tanjore	1 Head Coten	4 " "	
		Therperambur Dam		
		1 Monegar	6 " "	No sluice regulation, otherwise the same as above.
		2 Caveldars @ 4 Rt.	8 " "	
		Vaduvagudi Dam		
6 th Division	Tanjore	1 Monegar	6 " "	No sluice regulation, otherwise the same as above.
		3 Caveldars @ 4 Rt.	12 " "	
		2 Potens @ 4 Rt.	8 " "	
		Nargal Dam		
		1 Monegar	6 " "	Employed at Semburam
6 th Division	Tanjore	2 Caveldars @ 4 Rt.	8 " "	very as above.
		Kandiyur Dam		
		1 Head Coten	4 " "	Employed at Therperambur as above.
		Alamalpuram Dam		
		1 Monegar	6 " "	Duties as above, without sluices.
6 th Division	Tanjore	3 Caveldars @ 4 Rt.	12 " "	
		Ponni Dam		
		1 Monegar	6 " "	
		3 Caveldars @ 4 Rt.	12 " "	
		1 Coten	4 " "	
6 th Division	Tanjore	Vennapuram Dam		
		1 Monegar	6 " "	
		3 Caveldars @ 4 Rt.	12 " "	

Division	District	Establishment	Salary per mensem	Remarks
6th Division	Sanyamal (Banda)			
	<u>Kuchamungalam Dam</u>		R ¹ A ² P ³	
	1 Monegar		6 " "	Duties at above, with co. sluices.
	3 Gavlgars @ 4 R ¹		12 " "	
	<u>Cheraverry Dam</u>			
	2 Cotens @ 4 R ¹		8 " "	
	<u>Tuliampullam surplus sluice</u>			
	1 Gavlgar		4 " "	
	<u>2nd Range Munnigam Dam</u>			
	1 Monegar		6 " "	These men are employed in taking care of the co. rumbos at the Munnigam head, also in charge of the nival plantations near it.
6th Division	1 Gavlgar		4 " "	
	1 Coten		4 " "	
	<u>Marattoor Dam</u>			
	1 Monegar		6 " "	In charge of the anicut and banks near, as also the nival plantations.
	2 Gavlgars @ 4 R ¹		8 " "	
	<u>Permalacivil Lock</u>			
	1 Monegar		17 " "	In charge of the locks and river banks near it, nival plantations, & in opening and shutting lock gates for traffic.
	1 Gavlgar		4 " "	
	3 " @ 4 R ¹		12 " "	
6th Division	<u>Lock south bank of Coleroon</u>			
	1 Monegar		15 " "	Same as above.
	2 Cotens @ 4 1/2 R ¹		9 " "	
	4 " @ 4 R ¹		16 " "	

In addition to the above detailed duties a certain length of bank is assigned to each man to protect it against abuses and trespass of all kinds, to report deterioration or damage as soon as it takes place, &c.

Division	District	Establishment	Salary per mensem	Remarks
6th Division	Sanyamal (Banda)			
	<u>Munnigam Upper Lock</u>			
	1 Monegar		14 " "	In charge of the lock & river banks near it, nival plantations, and in opening and shutting lock gates for traffic.
	3 Cotens @ 4 R ¹		12 " "	
	<u>Munnigam Lower Lock</u>			
	3 Cotens @ 4 R ¹		12 " "	
	<u>Lower Coleroon Tributary</u>			
	1 Monegar		10 " "	In general charge of the whole work, besides which they are often employed in the jungle at the head of the island, repairing banks, &c., in the locality of the anicut. They have also charge of the north and south Rajah Voicals and other works near.
	10 Cotens @ 4 R ¹		40 " "	
	<u>3rd Range Copen Dam</u>			
6th Division	2 Gavlgars @ 4 R ¹		8 " "	To place and remove the Shamoghya plants of the Copen anicut, during the irrigation season. At other times to take charge of the plants and also to watch and plant nival &c.
	<u>4th Range Kalligoddy Dam</u>			
	1 Gavlgar		4 " "	To maintain & improve, and from time to time to report upon the state of the jungle at the anicut.
	<u>Kat Dam</u>			
	1 Gavlgar		4 " "	To shut and open the head sluices and to preserve & improve the jungle.
	<u>Head of Adapur Rajah Voical</u>			
	1 Monegar		6 " "	To open and shut the head sluices as w.

In general charge of the whole work, besides which they are often employed in the jungle at the head of the island, repairing banks, &c., in the locality of the anicut. They have also charge of the north and south Rajah Voicals and other works near.

In addition to the above employments, the Gavlgars & Cotens are employed in the general conservancy of river banks, &c., and often prevent breaches and damage.

Division

District	Establishment	Salary per mensem	Remarks
<u>Tiruchengopal (Contd)</u>			
1 Peishcar	B. 2-10	7 " "	Conservancy of Coleroon
1 Maniem		7 " "	of Cauvery banks at distance of 94 miles. To protect the
1 Royasem		3 " "	naval plantations from the depredations of men & cattle, who take to the forests all cattle found there & off.
3 Inonegar @ B. 2-10		7 1/2 " "	To execute minor repairs & plant & water trees when required to do so.
13 Peons @ " 2-8		32 8 " "	
<u>2nd Range</u>			
1 Peishcar		7 " "	This establishment watches the naval and other shrubs (in the Cauvery river Padoogay & extending over 32 miles) which are the principal materials used for the construction of Corambos, besides this it impedes the cattle, and keeps on account of the same.
1 Maniem		2 10 " "	
11 Peons @ B. 2-8		10 " "	
<u>4th Range</u>			
1 Maniem		9 10 " "	Watching Cauvery river Padoogay & supplying naval & brushwood to Corambos from the limits of Pattavitala to the limits of Vathegem.
3 Peons @ B. 2-8		7 8 " "	
29	Total Tiruchengopal	87 2 4	Vaitala near Pampett.
<u>Malabar</u>			
<u>Yennamakul Dam</u>			
<u>Vatil Dam</u>			
<u>Total Malabar</u>			

Division

Division

Districts	Establishment	Salary per mensem	Remarks
<u>Madura</u>			
<u>Chittaroy & Peranay</u>			
<u>Anicuts</u>			
3 Cauvelgar		12 " "	Watching the Anicuts & opening & shutting the sand vents when required, to prevent injury.
3	Total Madura	12 " "	
<u>Tinnevely</u>			
5 Channel Inonegar @ B. 2-10		35 " "	Watching certain important channels to prevent loss of water supply caused by illegal appropriations thereof, & opening & shutting the surplus calingulab for the safety of the channels.
2 " " @ 5		10 " "	
26 Channel water distributors @ 2 B.		52 " "	
33	Total Tinnevely	97 " "	

Abstract

District	Number of posts employed	Total salary per mensem	Total salary per annum
Pampadam	16	72 8 " "	870 " "
Yennamakul	8	44 " "	528 " "
Padoogay	482	3201 8 " "	38778 " "
Theslma	228	1576 " "	18912 " "
Vatil	46	292 " "	3504 " "
Madura	36	169 " "	2028 " "
North Arcot	38	292 " "	3504 " "
South Arcot	112	545 14 " "	6550 8 " "
Tanjore	116	87 2 " "	1045 8 " "
Tiruchengopal	29	12 " "	144 " "
Madura	3	12 " "	144 " "
Tinnevely	33	97 4 " "	1164 " "
Malabar			
Total	1067	6017 " "	72288 " "

7 copies sent on 25 February

Revenue Department
N-156.

30th May / 85.

Sir

The Secy to the Govt of India,
Financial Depart^t.

Sir,

I am directed by
His Excellency the Govern-
or-in-Council to forward
the statement (called for
in your letter of the 22nd July
last, No 1501) of Irrigation
establishments improperly
charged to the Public Works
Budget -

These establish-
ments at present work
under the superintendence
of the Department Public
Works - and the Govt have
no desire to transfer them
generally to the Revenue
officers - But I am to
explain that this consi-
deration does not affect
the question raised by this

MD
WDY
JP

Govt - This question is whether the charge for these establishments is not properly debitable to Income.

The Public Works grant is simply an annual assignment for the special purpose of constructing, repairing and maintaining Public Works, and all charges of this nature are clearly payable out of it - but here its liability ends. A Canal for instance, is properly constructed and maintained from this source - and the establishment required for these purposes is also properly paid out of it - but the work, ^{being} finished, the establishment needed for collecting tolls on it, for regulating the traffic, distributing the water for irrigation.

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irrigation, ~~sea~~ is a charge against the Income of the work - and should be annually defrayed from that source. - It matters not whether the establishment can be most effectively superintended by the engineers or the collector - nor does it signify that it renders occasional and minor aid in repairs - its essential and primary object is to realise the revenue accruing from the work and it should therefore be paid out of its Income.

If it be considered a matter of convenience that this charge should appear in the Public Works Budget, the Govt will not object to the arrangement, provided that it be ^{bona fide} additional to the grant specially desi-

I am somewhat doubtful about the propriety of this arrangement. I have no doubt that it will be a very good one, but I am not sure that it is a matter of convenience. I am not sure that it is a matter of convenience. I am not sure that it is a matter of convenience.

for Public Works - what
they object to is, that the
Public Works grant - al-
ready too small for its
own legitimate purposes
and ~~already~~ ^{quite} dispropor-
-tionate to the requirements
of the country - ~~should~~ ^{being} ~~being~~
further reduced by un-
-proper charges - which the
Revenue should, and
can very well, bear - At
present 200,000 £ per an-
-num is all the Govt
have to expend in de-
-veloping the resources
of a country, with an
area of 184,000 square
miles - a population of
twenty-four millions - and
an annual revenue of
8 millions sterling -

After deducting cost of
Repairs, Establishments &c.

L.S.

6

Revenue 1865 Disbursements
Pro: of Govt for January.

N^o 156.

To
The Secretary to the
Govt of India.

Financial Deptt.

Of 30 January/65.

From the Secretary to Govt
of India of 31st March/65
C. N. 1018 - only Q. 4 - May/65 No. 925.

Forwarding statement
of Irrigation Establish-
ments improperly charged
to Public Works Budget.

N^o 321 + 322