(1) Number of pages 8.

(2) Date of repair 4. 11. 81

(3) Initials of the Referencer

TAMIL NADU ARCHIVES

GOVERNMENT OF TAMIL NADU

Revenue DEPARTMENT

G.O. No.	5608	Press.
B.P. No.		Mis.

Dated 20. 9. 1877 —197 .

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Archives I—10,006—19-4-79.

GOVERNMENT OF MADRAS.

PUBLIC WORKS DEPARTMENT.

27th August 1877, No. 260 I.

Irrigation.

Account.

Read the following paper :—

No. 95.

IRRIGATION.

Return of Grants and Appropriations for and Expenditure on Works for April 1877.

Systems.	CAPITAL.								REVENUE.							
	Extraordinary.				Ordinary.				Extensions and Improvements.				Maintenance and Repairs.			
	Grants as per Budget.	Grants as they now stand.	Specific Appropriations.	Expenditure to end of Month.	Grants as per Budget.	Grants as they now stand.	Specific Appropriations.	Expenditure to end of Month.	Grants as per Budget.	Grants as they now stand.	Specific Appropriations.	Expenditure to end of Month.	Grants as per Budget.	Grants as they now stand.	Specific Appropriations.	Expenditure to end of Month.
	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.
Godavery Delta System	2,07,650	2,07,650	2,07,650	2,780	3,000	3,000	3,000	..	10,000	10,000	4,620	325	1,28,480	1,28,480	67,213	2,217
Kistna Delta do.	98,676	98,676	98,676	2,071	7,650	7,650	7,650	133	5,138	5,138	..	275	1,13,000	1,13,000	..	5,763
Pennair Anicut do.	24,780	24,780	24,780	..	..	..	..	766	3,030	3,030	550	..	29,500	29,500	98	802
Chembrambaukum Tank	..	..	..	..	3,170	3,170	3,170	11	..	..	..	..	10,000	10,000	..	98
Palar Anicut System	..	..	..	..	..	..	..	..	2,000	2,000	1,307	..	39,000	39,000	11,163	..
Pelandorai Anicut System	..	..	..	..	..	..	..	..	..	..	..	..	..	..	4,000	992
Cauvery Delta System	..	..	..	..	..	..	..	..	9,000	9,000	..	..	69,000	69,000	10,337	1,300
Srivaikuntam Anicut System	27,268	27,268	27,268	20	..	..	..	..	..	..	..	..	20,000	20,000	..	556
Total ..	3,58,374	3,58,374	3,58,374	4,871	13,820	13,820	13,820	838	29,168	29,168	6,477	600	4,08,980	4,08,980	92,811	11,728

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Ordinary Agricultural.

Districts	REPAIRS.				ORIGINAL WORKS.							
					MAJOR WORKS.				MINOR WORKS.			
	Grants as per Budget.	Grants as they now stand.	Specific Appropriations.	Expenditure to end of Month.	Grants as per Budget.	Grants as they now stand.	Specific Appropriations.	Expenditure to end of Month.	Grants as per Budget.	Grants as they now stand.	Specific Appropriations.	Expenditure to end of Month.
	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.
Ganjam	40,000	40,000	..	2,152	..	..	..	..	4,500	4,500	..	250
Vizagapatam	19,500	19,500	4,923	..	..	..	..	..	1,800	1,800	1,090	..
Godavery	47,000	47,000	14,523	332	30,686	30,686	30,686	498	6,300	6,300	3,070	150
Kistna	10,000	10,000	..	196	3,600	3,600	3,600	..	13,500	13,500	..	..
Nellore	65,000	65,000	2,422	1,654	20,000	20,000	20,000	6,973	9,000	9,000	337	192
Cuddapah	50,000	50,000	26,053	4,199	..	..	..	..	10,800	10,800	..	2,481
Kurnool	50,000	50,000	..	356	3,120	3,120	3,120	67	15,000	15,000	..	..
Bellary	50,000	50,000	15,196	..	..	..	..	..	7,200	7,200	320	..
Presidency	3,000	3,000	1	..	..	..	..	..	..	..	..	..
Chinglepat	1,00,000	1,00,000	..	677	27,740	27,740	27,740	56	22,500	22,500	..	343
North Arcot	1,00,000	1,00,000	39,691	383	..	..	..	..	18,000	18,000	9,676	706
South Arcot	1,01,110	1,01,110	64,555	6,730	..	..	..	1,017	17,500	17,500	10,103	106
Salem	68,500	68,500	333	665	..	..	..	..	20,500	20,500	..	147
Tanjore	80,000	80,000	2,383	121	..	..	..	..	8,500	8,500	..	..
Trichinopoly	95,000	95,000	82,191	8,847	8,000	8,000	8,000	..	13,500	13,500	10,224	..
Coimbatore	65,000	65,000	33,509	11,182	..	..	..	..	8,000	8,000	1,016	1
Malabar	1,500	1,500	..	168	..	..	..	..	500	500	..	..
Madura	50,000	50,000	..	557	..	..	..	..	5,400	5,400	..	..
Tinnevelly	63,000	63,000	..	1,210	8,454	8,454	8,454	1,425	13,900	13,900	..	1,085
Total ..	10,58,610	10,58,610	2,85,951	39,438	1,01,600	1,01,600	1,01,600	9,924	1,96,400	1,96,400	35,836	5,461

FORT ST. GEORGE,
19th June 1877.

(Signed) L. CONWAY-GORDON, Captain, R.E.,
Examiner of Public Works Accounts.

IRRIGATION.

Return of Grants and Appropriations for and Expenditure on Works for May 1877.

Systems.	CAPITAL.								REVENUE.							
	EXTRAORDINARY.				ORDINARY.				EXTENSIONS AND IMPROVEMENTS.				REVENUE, MAINTENANCE AND REPAIRS.			
	Grants as per Budget.	Grants as they now stand.	Specific Appropriations.	Expenditure to end of Month.	Grants as per Budget.	Grants as they now stand.	Specific Appropriations.	Expenditure to end of Month.	Grants as per Budget.	Grants as they now stand.	Specific Appropriations.	Expenditure to end of Month.	Grants as per Budget.	Grants as they now stand.	Specific Appropriations.	Expenditure to end of Month.
	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.
Godavery Delta System	2,07,650	2,07,650	2,07,650	18,844	3,000	3,000	3,000	..	10,000	10,000	5,694	552	1,28,480	1,28,480	99,294	18,863
Kistna Delta do.	98,676	98,676	98,676	5,791	7,650	7,650	7,650	744	5,138	5,138	4,616	502	1,13,000	1,13,000	10,215	13,162
Pennair Anicut do.	24,780	24,780	24,780	..	..	..	..	1,498	3,030	3,030	1,114	4	29,500	29,500	12,053	1,174
Chembrambaukum Tank	..	..	..	..	3,170	3,170	3,170	11	..	..	..	..	10,000	10,000	..	145
Chembracut System	..	..	..	..	..	..	..	..	2,000	2,000	1,407	160	39,000	39,000	11,163	364
Pelandorai Anicut System	..	..	..	..	..	..	..	..	..	..	..	..	..	..	6,000	2,074
Cauvery Delta System	..	..	..	..	..	..	..	..	9,000	9,000	3,247	921	69,000	69,000	21,619	6,978
Srivaikuntam Anicut System	27,268	27,268	27,268	940	..	..	..	..	..	..	..	.	20,000	20,000	4,035	1,151
Total ..	3,58,374	3,58,374	3,58,374	25,575	13,820	13,820	13,820	2,231	29,168	29,168	16,078	2,139	4,08,980	4,08,980	1,64,379	48,911

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2/

Ordinary Agricultural.

ORIGINAL WORKS.

Districts.	REPAIRS.				Minor Works.				Expenditure to end of Month.
	Grants as per Budget.	Grants as they now stand.	Specific Appropriations.	Expenditure to end of Month.	Grants as per Budget.	Grants as they now stand.	Specific Appropriations.	Expenditure to end of Month.	
	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.
Canara	40,000	40,000	6,999	6,883	4,500	4,500	..	..	723
Vizagapatam	19,500	19,500	15,558	2,737	1,800	1,800	1,090	..	449
Godavery	47,000	47,000	18,726	3,897	6,300	6,300	4,635	..	165
Kistna	10,000	10,000	5,726	2,737	13,500	13,500	2,053	..	14
Nellore	65,000	65,000	17,571	3,897	18,500	18,500	1,960	..	801
Cuddapah	50,000	50,000	28,951	9,420	9,000	9,000	8,271	..	3,990
Karnool	60,000	60,000	..	2,833	10,800	10,800	..	..	272
Bellary	50,003	50,003	32,501	2,053	15,000	15,000	520	..	59
Presidency	3,000	3,000	1	115	7,200	7,200	..	..	..
Chingleput	1,00,000	1,00,000	..	821	..	..	..	..	434
North Arcot	1,00,000	1,00,000	40,988	7,050	22,500	22,500	..	..	2,305
South Arcot	1,01,110	1,01,110	70,185	17,766	18,000	18,000	13,786	..	1,793
Salem	68,500	68,500	7,982	855	17,500	17,500	12,213	..	566
Tanjore	80,000	80,000	9,841	3,068	20,500	20,500	1,485	..	..
Trichinopoly	95,800	95,000	88,916	29,660	8,500	8,500	..	..	..
Coimbatore	65,000	65,000	42,120	16,563	13,500	13,500	11,214	..	2,033
Malabar	1,500	1,500	..	182	8,000	8,000	1,353	..	104
Madura	50,000	50,000	51,732	1,371	560	560	..	..	..
Tinnevelly	63,000	63,000	55,420	7,191	5,400	5,400	5,384	..	125
					13,500	13,500	12,345	..	2,671
Total ..	10,53,610	10,53,610	4,99,662	1,13,778	1,96,400	1,96,400	76,159	..	16,538

(Signed) C. H. P. CHRISTIE, Lieutenant, R.E.,
Deputy Examiner of Public Works Accounts.

FORT ST. GEORGE,
21st July 1877.

No. 130 I.

No. 95-A. *Note by the Chief Engineer for Irrigation.*

THE returns of grants and appropriations for and expenditure on works for April and May 1877 received from the Examiner of Public Works Accounts are submitted to Government with the following summaries of expenditure under the various fund heads for the latter month, and remarks thereon:—

2. Capital, Extraordinary—

	Rs.
Grants	3,58,374
Expenditure	25,575
Do. normal average	59,729

The small expenditure shown is due probably in part to work done not having been paid for. In the Kistna Delta the completion estimates are awaiting the sanction of the Government of India, and no outlay could be incurred* therefore against the allotments entered for these. Similarly the Survapalli Project in connection with the Pennair Anicut System is at a stand-still until the revised estimate is submitted and sanctioned. Deducting the grants not available for expenditure, the normal average would be Rupees 45,922.

* G.O., No. 35 I, of 22nd May 1877.

3. Capital, Ordinary—

	Rs.
Grant	13,820
Expenditure	2,231
Do. normal average	2,303

No expenditure at all was incurred on works for which there are grants in the Budget. Lock-sheds in the Kistna Delta have not been commenced pending revision of the arrangements with reference to the decision† regarding similar huts in the Godavery.

† G.O., No. 522, dated 16th February 1877.

The works on which expenditure unprovided for in the Budget has been incurred are Inampudi under-tunnel on the Masulipatam Canal, Eastern Delta, Kistna, and the Survapalli Project, Nellore. No payments have been made on account of compensation for land. The works of the Chembrambaukum Tank Project are stopped pending sanction of the revised estimates.

4. Revenue, Extensions and Improvements—

	Rs.
Grant	29,168
Expenditure	2,139
Do. normal average	4,861

The outlay is much below the normal average, and the progress is not satisfactory if the outlay be an index of that progress. The work to be done under this head in any year should be settled before the commencement of the year.

5. Revenue, Maintenance and Repairs—

	Rs.
Grant	4,08,980
Expenditure	48,911
Do. normal average	68,163

It is arranged in the final [illegible] of the Budget now in the press to transfer Rupees 11,000 to Maintenance and Repairs, Pelandorai Anicut System, from Ordinary Agricultural Repairs, Irrigation, South Arcot District.

The expenditure on the following out of the eight systems was much below the proper amount:—

	Actual. Rs.	Average. Rs.
Pennair Anicut	1,174	4,920
Chembrambaukum Tank	145	1,667
Palar Anicut	364	6,500
Cauvery Delta	6,978	11,500
Srivaikuntam Anicut	1,151	3,333

6. Ordinary Agricultural Repairs—

	Rs.
Grant	10,58,610
Expenditure	1,13,778
Do. normal average	1,76,435

There was good progress made in Ganjam, Cuddapah, South Arcot, Trichinopoly, Coimbatore, and Malabar Districts. In other districts the outlay fell much short of the normal average.

7. Original Works, Major—

	Rs.
Grant	1,01,600
Expenditure	20,996
Do. normal average	16,933

There was no expenditure in Chingleput District, as the works of the Madras Water-supply Project have been stopped pending the sanction of revised estimates. Allotments given in G.O., No. 120 I, of 29th June 1877, cover the outlay in North Arcot and South Arcot Districts. There was good progress made in Godavery, Nellore, Kurnool, and Tinnevelly Districts. There was no expenditure at all in Kistna and Trichinopoly Districts.

8. Minor—

	Rs.
Grant	1,96,400
Expenditure	16,538
Do. normal average	32,733

The progress made in Ganjam, Vizagapatam, Cuddapah, and Tinnevelly Districts was good, and nearly so in North Arcot, South Arcot, and Trichinopoly Districts. There was no expenditure in Tanjore and Malabar Districts. The outlay in Godavery, Kistna, Nellore, Kurnool, Bellary, Chingleput, Salem, Coimbatore, and Madura Districts was much below the normal average.

COLLEGAL, (Signed) JOHN MULLINS, Colonel, R.E.,
11th August 1877. Chief Engineer for Irrigation.

To the Joint Secretary to Government, Public Works Department, Irrigation Branch.

No. 96. ORDER THEREON, 27th August 1877, No. 260 I.

RECORDED with the remark that Government look to District Engineers to exercise a careful watch over the expenditure from month to month, and that orders have recently been issued to secure adequate progress where the present high prices of food grains have rendered normal rates inadequate.

No. 196 I, 31st July 1877.

(True Extract.)

Colonel, R.E.,
Joint Secy. to Govt., P.W.D.,
Irrigation Branch.

To District Engineers concerned.
To the Chief Engineer for Irrigation.
" Examiner of Public Works Accounts.
" Revenue Department (Famine).

Exd. A. F. Goodall.

Spare Copies

5608/4

Rev 1877 Dept
F No 7952

IRRIGATION.
ACCOUNT.

Govt. of {1877} Madras.

PUBLIC WORKS.

To

DISTRICT ENGINEERS,
CONCERNED,
&c., &c., &c.

Dated August 21th.

Issued

15th September 1877

G. O., 27th August 1877, No. 260 I.

AUGUST.

Nos. 95-96.

Mr. G.O. No 5608.
Communicated to the
Supdt

20 September 1877.

Outlay on Works and Repairs, Irrigation
— Statements of — for April and May 1877
recorded with remark.