

Public Works Dept.
Admin. Report 1923-24
P. II Irrigation

R
D1-2117-2123
225.2
2645 ✓

PUBLIC WORKS DEPARTMENT

MADRAS PRESIDENCY

1-
36455

ADMINISTRATION REPORT

FOR THE YEAR

1923-1924

PART II.—IRRIGATION



MADRAS

PRINTED BY THE SUPERINTENDENT, GOVERNMENT PRESS.

1925

Price, Rs. 2]

R

21-211x1123

1125-211

36455

TABLE OF CONTENTS

ADMINISTRATION REPORT OF THE PUBLIC WORKS DEPARTMENT,
IRRIGATION BRANCH, FOR THE YEAR 1923-24.

CHAPTER I.

General.

	PAGE		PAGE
Cauvery—Metur project	1	Hydro-electric surveys	4
Madras Irrigation Bill	1	Irrigation policy	4
Projects—Ceded districts	1-3	Conservation of food supplies	5
Other projects	3	Floods in the Trichinopoly and Tanjore districts.	6-7
Cauvery Delta Committee	3		

CHAPTER II.

Personnel	7	A. Irrigation Works—Unproductive	
Classification of works	7	—cont.	
A. Irrigation Works—Productive—		Remissions	9
Number of works	7	Value of crops	9
Length of canals	7	B. Navigation, Embankment and	
Area irrigated	8	Drainage Works—Unproductive—	
Capital outlay	8	Navigation canals—Receipts	9
Working expenses	8	Works for which Capital and Revenue	
Revenue	8	Accounts are not kept—	
Financial results	8	Irrigation works	9
Revenue and working expenses per	8	Tank Restoration Scheme works	9-10
acre.	8	Works for which Capital and Revenue	
Remissions	8	Accounts are not kept—Navigation,	
Value of crops	8	Embankment and Drainage Works.	10
A. Irrigation Works—Unproductive—		Character of the season	10
Number of works	8	Floods	10
Capital outlay	8	Breaches and accidents	10
Length of canals	8	Ayacut maps	11
Area irrigated	8	Localization of irrigable areas	11
Revenue	8	Irrigation panchayats	11
Working expenses	8		

CHAPTER III.

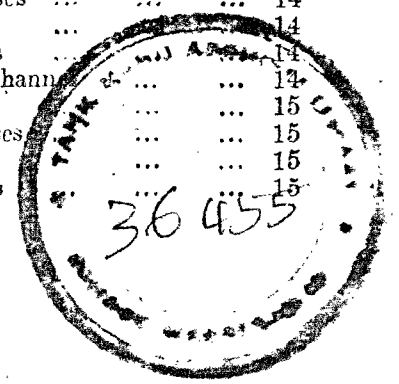
Works for which Capital and Revenue Accounts are kept.

A. Irrigation Works—Productive.

No. 1 Ganjam minor rivers system—		No. 4 Divi pumping system—	
Capital outlay	11	Capital outlay	13
Working expenses	11	Works in progress	13
Area irrigated	11	Working expenses	13
Financial results	11	Area irrigated	14
General	11	Financial results	14
No. 2 Gōdāvari delta system—		General	14
Capital outlay	11	No. 5 Penner river canals system—	
Works in progress	12	Capital outlay	14
Working expenses	12	Working expenses	14
Navigation	12	Area irrigated	14
Area irrigated	12	Financial results	14
Financial results	12	General	14
General	12	No. 6 Arkenkota channel	14
No. 3 Kistna delta system—		Capital outlay	14
Capital outlay	12	Working expenses	14
Works in progress	13	Area irrigated	14
Working expenses	13	Financial results	14
Navigation	13	General	14
Area irrigated	13	No. 7 Thadapalli channel	14
Financial results	13	Capital outlay	15
General	13	Working expenses	15
		Area irrigated	15
		Financial results	15

செப்பனிகுபவர் அபயர்
செப்பனிகுவதற்காக எடுத்த
கொள்கப்பட்ட நாள்
1923-24
செப்பனிகு முடிந்த நாள்
1924-25

செப்பனிகு
செப்பனிகு
செப்பனிகு
செப்பனிகு



	PAGE		PAGE
No. 8 Kalingarayan channel—		No. 17 Mehamattur anicut system—	
Capital outlay	15	Capital outlay	17
Working expenses	15	Working expenses	17
Area irrigated	15	Area irrigated	18
Financial results	15	Financial results	18
No. 9 Palār anicut system—		General	18
Capital outlay	15	No. 18 Vriddhachalam anicut system—	
Working expenses	15	Capital outlay	18
Area irrigated	15	Working expenses	18
Financial results	15	Area irrigated	18
General	15	Financial results	18
No. 10 Chembrambakkam tank—		General	18
Capital outlay	15	No. 19 Lower Coleroon anicut system—	
Working expenses	15	Capital outlay	18
Area irrigated	15	Working expenses	18
Financial results	15	Area irrigated	18
No. 11 Valluru anicut system—		Financial results	18
Capital outlay	16	General	18
Working expenses	16	No. 20 Cauvery delta system—	
Area irrigated	16	Capital outlay	18
Financial results	16	Works in progress	18
No. 12 Poiney anicut system—		Working expenses	19
Capital outlay	16	Area irrigated	19
Working expenses	16	Financial results	19
Area irrigated	16	General	19
Financial results	16	No. 21 Nandiyar channel system—	
General	16	Capital outlay	19
No. 13 Cheyyar anicut system—		Working expenses	19
Capital outlay	16	Area irrigated	19
Working expenses	16	Financial results	19
Area irrigated	16	No. 22 Periyar system—	
Financial results	16	Capital outlay	20
General	16	Working expenses	20
No. 14 Tirukkōyilūr anicut system—		Area irrigated	20
Capital outlay	17	Financial results	20
Working expenses	17	General	20
Area irrigated	17	No. 23 Srivaikuntam anicut system—	
Financial results	17	Capital outlay	20
General	17	Working expenses	20
No. 15 Shatiatope anicut system—		Area irrigated	20
Capital outlay	17	Financial results	21
Working expenses	17	General	21
Area irrigated	17	No. 24 Marudur anicut system—	
Financial results	17	Capital outlay	21
General	17	Working expenses	21
No. 16 Toludur project—		Area irrigated	21
Capital outlay and progress of work ...	17	Financial results	21
Area irrigated	17		

CHAPTER IV.

Works for which Capital and Revenue Accounts are kept.

A. Irrigation Works—Unproductive.

No. 25 Rushikulya system—		No. 27 Muneyeru system—	
Capital outlay	21	Capital outlay	22
Working expenses	21	Working expenses	22
Area irrigated	21	Area irrigated	22
Financial results	21	Financial results	22
General	21-22	No. 28 Peddanayudu tank of Chinnarao- palem—	
No. 26 Nagavalli river system—		Capital outlay	22
Capital outlay	22	Working expenses	22
Working expenses	22	Area irrigated	22
Area irrigated	22	Financial results	22
Financial results	22	No. 29 Bhruhughanda project (in abey- ance).	22
General	22		

	PAGE		PAGE
No. 30 Jangamaheswarapuram tank—		No. 42 Yellanur tank—	
Capital outlay	22	Capital outlay	25
Working expenses	22	Working expenses	25
Area irrigated	22	Area irrigated	25
Financial results	22	Financial results	25
No. 31 Atmakur tank—		No. 43 Kocheruvu tank—	
Capital outlay	23	Capital outlay	25
Working expenses	23	Working expenses	25
Area irrigated	23	Area irrigated	25
Financial results	23	Financial results	25
No. 32 Dondapad tank—		No. 44 Siddapur tank—	
Capital outlay	23	Capital outlay	25
Working expenses	23	Working expenses	25
Area irrigated	23	Area irrigated	25
Financial results	23	Financial results	25
No. 33 Bhavani tank—		No. 45 Nagavaram anicut and supply channel—	
Capital outlay	23	Capital outlay and working expen- ses	25
Working expenses	23	Area irrigated	25
Area irrigated	23	Financial results	25
Financial results	23	No. 46 Venkatapuram tank—	
No. 34 Mopad reservoir—		Capital outlay	25
Capital outlay	23	Working expenses	25
Working expenses	23	Area irrigated	25
Area irrigated	23	Financial results	25
Financial results	23	No. 47 Kurnool-Cuddapah canal—	
No. 35 Hajipuram tank—		Capital outlay	25
Capital outlay	23	Working expenses	26
Working expenses	23	Navigation	26
Area irrigated	23	Area irrigated	26
Financial results	23	Financial results	26
No. 36 Ponnalur tank—		No. 48 Barur tank—	
Capital outlay	23	Capital outlay	26
Working expenses	23	Working expenses	26
Area irrigated	24	Area irrigated	26
Financial results	24	Financial results	26
No. 37 Anamasamudram-Beraperu tank—		General	26
Capital outlay and working expen- ses	24	No. 49 Kaniyampalayam anicut—	
Area irrigated	24	Capital outlay	26
Financial results	24	Working expenses	26
No. 38 Yerur tank—		Area irrigated	26
Capital outlay and working expenses ...	24	No. 50 Madras Water-supply and Irrigation system—	
Area irrigated	24	Capital outlay	26
Financial results	24	Working expenses	26
No. 39 Sagileru system—		Area irrigated	26
Capital outlay	24	Financial results	26
Working expenses	24	No. 51 Pelandorai anicut—	
Area irrigated	24	Capital outlay	27
Financial results	24	Working expenses	27
No. 40 Cumbum tank—		Area irrigated	27
Capital outlay	24	Financial results	27
Working expenses	24	No. 52 Panjapatti reservoir—	
Area irrigated	24	Capital outlay	27
Financial results	24	Area irrigated	27
No. 41 Ma. kapur tank—		Financial results	27
Capital outlay	24		
Working expenses	24		
Area irrigated	24		
Financial results	24		

CHAPTER V.

Works for which Capital and Revenue Accounts are kept.

B. Navigation, Embankment and Drainage Works—Unproductive.

No. 53 Ganjam-Gopalpur canal	27	No. 54 Buckingham canal—cont.	
No. 54 Buckingham canal—		Navigation	27
Capital outlay	27	Financial results	27-28
Working expenses	27	No. 55 Vedaranniyam canal	28

CHAPTER VI.

Works for which Capital and Revenue Accounts are not kept.

(1) Irrigation Works.

	PAGE		PAGE
Number of works	28	Particulars of revenue	30
Area irrigated and Financial results	28	Financial results	30
Outlay	28	Tank Restoration Scheme works	30
Progress of works	29		

(2) Navigation, Embankment and Drainage Works.

Receipts	30	Progress of works	1
Expenditure	31		

APPENDIX I.

Statistical statements—

Statement A-I.—Canal projects with particulars regarding discharges, rainfall, area commanded, cost of construction, expenditure, interest charges and length of canals, etc.	3
Statement A-II.—Reservoir projects with similar particulars as above	
Statement B-I.—Capital Account of Irrigation, Navigation, Embankment and Drainage works for which Capital and Revenue accounts are kept	
Statement C-I.—Financial results showing receipts and expenditure against Revenue, etc., of Irrigation, Navigation, Embankment and Drainage works for which Capital and Revenue accounts are kept	40-44
Statement C-II.—Financial results (based on actual receipts) showing capital outlay, gross receipts, working expenses, interest charges, etc., of Irrigation, Navigation, Embankment and Drainage works for which Capital and Revenue accounts are kept	45-48
Statement C-III.—Demands and realizations of Irrigation, Navigation, Embankment and Drainage works for which Capital and Revenue accounts are kept	49-50
Statement C-IV.—Financial results (based on assessments for the year) of Irrigation, Navigation, Embankment and Drainage works for which Capital and Revenue accounts are kept	51-53
Statement D-I.—Statement of traffic on the principal navigable canals	54
Statement D-II.—Description and quantities of goods, etc., carried on the principal navigable canals	55-57
Statement E-I.—Areas irrigated, etc., under irrigation works classed as productive and unproductive for which Capital and Revenue accounts are kept	58-59
Statement E-II.—Incidence of working expenses and assessed water revenue on irrigation systems under irrigation works classed as productive and unproductive for which Capital and Revenue accounts are kept	60-61
Statement E-III.—Areas irrigated and the value of crops raised	62-65
Statement E-IV.—Comparative statement of irrigation and rainfall	66-69
Statement F-I.—Incidence of water-rates under irrigation works classed as productive and unproductive for which Capital and Revenue accounts are kept	70

APPENDIX II.

Statement showing the results of

Statement No. 1.—Financial results of irrigation works classed as productive and unproductive for which Capital and Revenue accounts are kept	72-74
Statement No. 2.—Extent irrigated and the revenue received under minor works for which Capital and Revenue accounts are not kept	75

APPENDIX III

Administrative Accounts.

Systems.	No. 2, Capital Account.	No. 3, Revenue Account.	No. 4, Interest Account.	No. 5, Indirect Charges Account.	No. 6, Statement comparing charges to date with sanctioned estimates.
Receivable accounts	77-79				
SECTION OF IRRIGATION, NAVIGATION, EMBANKMENT AND DRAINAGE WORKS.					
No. 1.—GENERAL ABSTRACT OF FINANCIAL RESULTS.	80-83				
A. IRRIGATION WORKS.					
1. Productive Works.					
Ganjam minor rivers system	84	85	85	85	85
Godavari delta system	87	88	88	89	89
Kistna do.	90	91	91	91	92
Divi p. system	93	94	94	95	95
Penner river canals system	96	97	97	98	98
Arkenkota channel	99	100	100	100	101
Thadapalli do.	101	102	102	102	103
Kalingarayan do.	103	104	104	105	105
P. Capital out	106	107	107	108	108
Working e	109	110	110	111	111
E Area irrigated	112	112	113	113	113
C	114	115	116	116	116
C	117	118	118	119	119
Tirukkoyilur anicut system	120	121	121	122	122
Shatistope do.	123	124	124	125	125
Toludur project	126	127	127	128	128
Mehamattur anicut system	129	129	130	130	130
Vriddhaohalam do.	131	131	131	132	132
Lower Coleroon do.	133	134	135	135	135
Canvey delta system	136	137	137	138	138
Nandiyar channel system	139	140	140	140	141
Periyar system	142	143	144	144	144
Srivaikuntam anicut system	145	146	146	147	147
Marudur anicut system	148	149	149	149	150
2. Unproductive Works.					
Rushikulya system	151	152	152	153	153
Nagavalli river system	154	155	155	156	156
Muniyuru project	157	158	158	158	159
Peddinayadu tank of Chinnaraopalem	159	160	160	160	161
Jangameswarapuram tank	161	162	162	162	163
Atmakur tank	163	164	164	164	165
Do-dapad tank	165	166	166	166	167
Phavani do.	168	169	169	170	170
Mopad project	171	172	172	173	174
Hajipuram tank	174	175	175	176	176
Ponnalur do.	177	178	178	178	179
Anamasamudram-Baraperu tank	179	180	180	181	181
Yerur tank	181	182	182	182	183
Vamula tank	183	184	184	184	185
Sagileru system	185	186	186	186	187
Talajulavanka tank	187	187	187	188	188
Cumbam tank	188	189	189	189	190
Markapur tank project	190	191	191	191	192
Vallanur tank	192	193	193	193	194
Locheruru do.	194	195	195	195	196
Siddapur do.	197	198	198	199	199
Nagavaram anicut and supply channel	200	201	201	202	202
Venkatapuram tank	203	204	204	205	205
Kurnool-Cuddapah canal	206	207	207	208	208
Barur tank	209	210	210	211	211
Kannampalayam anicut	212	213	213	214	214
Madras Water-supply	215	216	216	217	217
Pelandorai anicut	218	219	219	219	220
Panjapatti reservoir	220	221	221	222	222
B. NAVIGATION					
2. Unproductive Works.					
Ganjam-Gopalpur canal	223	223	223	224	224
Bookingham canal	225	226	226	227	227
Vedarauniyam do.	228	228	228	229	229

5/36453

PUBLIC WORKS DEPARTMENT MADRAS PRESIDENCY.

ADMINISTRATION REPORT.

FOR THE YEAR 1923-1924.

PART II—IRRIGATION.

CHAPTER I.

Administration Reports are occasionally criticised on the ground that by the time they appear some of the information has lost most of its interest by lapse of time. It is not possible to produce promptly a report embodying the results of scrutiny and compilation of a mass of detailed statistical information, most of which is not received until many months after the close of the financial year, but in this report, while the statistical information relates only to the financial year 1923-24, the general information has been brought as far as possible up to date.

2. During the period covered several features of interest call for notice. The points at issue in the prolonged dispute between the Governments of Madras and Mysore relating to the use of the available water in the Cauvery and tributary rivers, in consequence of which the Cauvery-Metur project proposals had been in abeyance for thirteen years, were finally settled in February 1924 and the final agreement was signed on the 18th of that month. The estimates for the Cauvery-Metur project were sent to the Government of India for sanction by the Secretary of State on the 31st March.

3. The preliminary work in connexion with the construction of the great dam at Metur on the Cauvery 35 miles north of Erode was commenced in December 1924 by a Special Division. The dam, 113 feet high and 1.20 miles in length, will impound 93,500 million cubic feet of water forming a lake about 100 miles in circumference, for the irrigation of 301,000 acres of first crop and 90,000 acres of second crop in the Tanjore, Mannargudi and Pattukottai taluks by means of 128 miles of new canals and channels and also effectively to protect the existing irrigation from the fluctuations of supply which have proved so troublesome in the past. The estimated cost of construction is 6.12 crores of rupees. It is estimated that the complete project will take ten years to construct but that irrigation under it will commence in the seventh year after commencement. This project is estimated to give a return in direct revenue of 7.62 per cent on the capital expended, while the annual value of crops irrigated will be about 3½ crores of rupees.

4. The Madras Irrigation Bill was passed by the Legislative Council on the 5th December 1924. The first draft Irrigation Bill for this Presidency was prepared in 1906. This and subsequent drafts had passed through many vicissitudes before the present Bill was drafted.

5. A systematic examination of various proposed projects for new irrigation which had been in abeyance either pending the passing of an Irrigation Bill or for other reasons has been undertaken. In this connexion particular attention has been paid to areas such as the Ceded Districts where deficient rainfall and other conditions result in frequent scarcity and even famine conditions. The outstanding difficulty in connexion with these districts is the fact that the smaller and cheaper schemes, pending upon the rainfall in local catchments are adversely affected by the meteorological conditions which they are intended to remedy and fail when they are most needed. The only hope of success therefore lies in larger schemes which will utilize the surplus water in rivers fed by catchments more favourably situated. These involve extensive storage works and are therefore expensive; but the expenditure,

though it may appear heavy in proportion to the direct revenue received in the form of water-rates only, on which the estimated percentage return is based, appears in a somewhat different light on consideration of the value of the additional crops produced, the increased prosperity of the districts affected and the resulting aggregate increase of wealth and of tax-paying capacity, though these factors do not appear in the estimates and accounts. The remedy for the existing conditions in the scarcity tracts is obvious and comparatively simple. The one adverse factor in the problem is the difficulty in providing the capital.

6. A small project party started work in December 1923 on the investigation of the site for a large reservoir dam on the river Kistna at Sangameswaram, one of several sites which have been considered in the past in connexion with the proposed Kistna project. The contemplated project was intended to irrigate 1,750,000 acres of first crop and 600,000 acres of second crop in the districts of Guntur, Kistna, Kurnool, Nellore and Chingleput. The work had to be stopped in the following month as nothing more could be done pending the settlement of certain arrangements with the Hyderabad Government.

7. The project party was then employed on the investigation of a new canal, the Bellary West Canal, designed to irrigate with water from the Tungabhadra river about 80,000 acres in the Bellary district. This investigation was stopped in July for want of funds, but was recommenced in January 1925 and the estimates will be ready shortly.

8. The original project for a reservoir on the Tungabhadra river, a protective scheme for the Ceded Districts, was taken up in April 1924 and has been recast in an attempt to make project on the original lines financially possible. It is much to be regretted that this has proved to be at present impossible. The cost of the project at present rates for work would amount to about 20 crores and it would involve a loss on revenue account. An alternative project with a reservoir at a high site on the Tungabhadra is, however, under consideration and it is proposed to undertake the investigation of this as soon as staff is sanctioned, as there is every reason to anticipate that it will be successful.

9. The original project for a reservoir in the Lower Bhavani river in Coimbatore district has been also been recast and in this case it has been found possible, allowing for present rates for work, to frame a sound project for the irrigation of 110,000 acres with a storage of 17,700 million cubic feet, at a cost of 2½ crores of rupees. This is estimated to give a direct return on capital of 6.4 per cent and the annual value of crops irrigated would be about one crore of rupees. The plans and estimates are ready but have been held in abeyance pending investigation, at the request of interested ryots and landowners, of the alternative project on the Upper Bhavani, which will shortly be completed.

10. Estimates for the Polavaram Island project, designed to irrigate an area of highly fertile soil in the Polavaram Island in the Godavari delta by widening the Godavari bank canal and taking water to the island by a large aqueduct across the intervening branch of the Godavari river, have been recast and completed and the estimates, amounting to Rs. 18 lakhs, were submitted to Government for sanction in December 1924. This project is estimated to give a direct return on the capital of 8.2 per cent and the value of crops irrigated is estimated at about Rs. 14.68 lakhs per annum.

11. The proposals for a similar project in Coringa Island in the Godavari delta have been under revision and the estimates are under consideration. The Vengalpuram Project in the Nellore district has also been under examination.

12. Estimates amounting to Rs. 4.95 lakhs for replacing the existing 3 ft shutters on the Kistna Anicut at Bezvada by shutters 6 feet high were sanctioned during 1923-24. The work is in progress and it is hoped will be completed by July 1925. This work will render it possible to utilise more of the surplus water in the river and will be of great benefit to the delta irrigation. These shutters will be lowered by hydraulic power from shore controlling stations, and will be lifted by travelling plough which has been specially designed. It is worth noting that construction of these shutters in the Government Workshops has resulted in a saving to the tax-payer of about Rs. 1,60,000.

13. Proposals have been framed and designs and estimates prepared for the construction of regulating sluices at the heads of the Bunder and Ellore canals at Bezvada at a cost of Rs. 3.31 lakhs. These will be submitted to Government for sanction shortly. The object of these works is to effect better control of the supply in these canals during heavy rain in the delta and thus to check water-logging, the deleterious effect of which on the productivity of the land is cumulative, and which is becoming serious. They will also enable the canals to be worked by turns in seasons of short supply and so improve the supply at the beginning and end of the season and permit of an extension of second crop cultivation. It is anticipated that the construction of these regulators will render unnecessary the construction of a drain estimated to cost 5 lakhs, which would otherwise be necessary.

14. The Basavannah channel project for the extension of irrigation in Bellary district was sanctioned in December 1924 and it is proposed to start the work in April 1925. The cost is estimated at 4.24 lakhs. This is estimated to pay 6.45 per cent on the capital and the value of additional crops irrigated will be about Rs. 1.80 lakhs.

An estimate amounting to Rs. 3.20 lakhs for the Thippayapalem Reservoir project in the Kurnool district was sanctioned and the work was started during the current year.

15. The remodelling of the Arkenkotah and Thadapalli channels in Coimbatore district and of the Amaravathi channels in the same district with a view to the improvement of duties and extension of irrigation has been taken up and estimates are being prepared.

16. The condition of the several river channels taking off from the Cauvery in Trichinopoly district, which has been unsatisfactory for some years past, has been seriously aggravated by the recent floods. The principal difficulty in connexion with these channels has been due to the movement of the sand shoals in the river, which from time to time tend to cut off the supplies to the channel heads.

The present difficulty results from the formation of a deeply scoured channel which renders it difficult to divert the low supplies into the channels.

A project is now under consideration for linking up these channels with a main canal to take off from a new anicut at Kattalai. This scheme, which would finally solve the difficulties, is being taken up for investigation of the financial possibilities.

17. The report of the committee appointed to enquire into the present conditions of irrigation and drainage in the Cauvery Delta, which was received in 1924, has been under consideration and the recommendations made are being examined and dealt with in the order of their importance. Estimates for six works have been prepared and sanctioned, an estimate for one other has been prepared, five others are in course of preparation and detailed reports for five have been called for.

Of the sanctioned estimates three have been financed and work has been put in hand.

18. What is very obviously required is a complete overhauling and remodelling of the Cauvery Delta system. This has been recognised for many years. The system is in effect an adaptation of the old channels and methods and, although it has been much improved, those improvements were handicapped by the then existing facts and by all the disabilities resulting from the attempt to graft new methods on old, e.g., mixing up drainage with irrigation.

The system is at present in some respects unscientific. One of the results of remodelling would be an improvement of the present very low duties and a resulting very considerable extension of irrigated area in the delta. This remodelling would enable full advantage to be taken of the effect which the Metur reservoir will have in steadying the supply. It would pay well to carry out the remodelling simultaneously with the execution of the Cauvery-Metur project.

19. The necessary data have been called for for the formulation of proposals for the provision of higher shutters on the Godavari anicut for the improvement of supplies to the Godavari delta.

20. An interesting feature during this period has been the reconsideration of the policy of Government as regards hydro-electric development. There exist in this Presidency available sources for the development of hydro-electric power up to an aggregate of 578,000 effective horse-power, taking into account only the larger sources and allowing a normal load factor. These sources are so distributed as to facilitate systematic grouping for eventual industrial service in every part of the Presidency without undue expenditure. They are moreover such as to admit of gradual development by stages, keeping pace with the demand which, as experience shows, follows a supply of cheap power.

A special division had been employed for some time, in connexion with the hydro-electric surveys undertaken by the Government of India, in gauging streams and making general surveys but this division was disbanded in September 1923. The matter was however again taken up for consideration; the very valuable data collected by the special division under the Executive Engineer on special duty were examined and tabulated, a grouped scheme of development was prepared and in March 1924 Mr. Forbes, Chief Electrical Engineer to the Government of Mysore, was called in in consultation, with the permission of the Mysore Government. Mr. Forbes fully confirmed the conclusions which had been reached and strongly advocated an active policy of development. The investigation of the more likely schemes for early development has continued since with a special subdivision and has proceeded as rapidly as was possible with the small staff sanctioned. In the meantime negotiations have been proceeding with a view to the inauguration of a practical scheme of development on broad lines, which it is hoped will shortly materialise. With a view to promoting development, arrangements have been made to assist local authorities who may wish to undertake local lighting and power schemes, with a view to the eventual supply of cheaper power as the hydro-electric projects mature.

21. A very marked characteristic of the period under review has been one which has unfortunately overshadowed all the operations of the department, and continues to do so. The drastic retrenchment to which Government has been driven by the financial position, resulting in the reduction of staff to a strength far below the safe limits even for the maintenance of the larger irrigation systems in a condition of safety and for reasonably efficient operation, and the inability to allot funds for works of urgent importance, either for the safety of existing works or for much-needed and remunerative extensions of irrigation, has had and continues to have serious effects.

As regards extensions of irrigation, valuable projects are held up for want of funds while the investigation of others is similarly handicapped. Moreover fourteen experienced executive officers have retired prematurely, the cadre of the Indian Service of Engineers has been reduced from 79 to 56 and that of the Madras Engineering Service from 106 to 75. The efficient staffing of the several charges therefore presents a problem of some difficulty, and with the additional demands for the Cauvery Project in view in the immediate future it is not easy to see how the total demands will be met. The District and Circle staffs have loyally and energetically faced the very heavy overwork which has resulted from the retrenchment, thereby so far as possible minimising the effects. For this they deserve the greatest credit. Complaints commenced only when they found the efficient maintenance of works in their charge beyond their powers.

22. *Policy.*—All the circumstances in this Presidency seem to point to the urgent need for a forward Irrigation policy, and for the vigorous prosecution of all possible means to increase the productivity of the land, to extend cultivation and to increase to the utmost the output of the staple food supplies as well as of industrial crops. The figures of output of staple food-grains together with the movements of prices, and consideration of past census returns and the probabilities of the future, are of interest in this connexion. In this matter it is the province of the Irrigation Department to make crops grow where none or but little grew before and to protect from seasonal vicissitudes those which already exist, and for the Agricultural Department to make two blades or their equivalent grow where the Irrigation Department can only produce one. It is clearly necessary for the two departments to work together in the development of irrigated areas.

23. In considering the possibilities of future extensions of irrigation it is convenient to consider the available water-supplies, apart from minor catchments, under two heads. We have the normal flow in the rivers, practically the minimum flow during the irrigation season, on which alone we can depend for irrigation by direct flow without storage, and the much greater flood discharge which can be utilized only by means of storage.

24. In this Presidency there is no possibility of any more cheap schemes of any magnitude such as the Gōdāvari and Kistna systems, depending upon direct flow. The limit of cheap extension by further utilizing the normal river supplies has therefore practically been reached, save in one important respect, that is by improvement of irrigation duties. There are large areas irrigated by direct flow where the duties are still as low as, in some cases, only 20 acres irrigated per cusec of water. It is proved by experience that a duty of 70 or 80 is easy. An increase of duty from say 20 to 60 means a saving of two-thirds of the water, which can be used for extensions elsewhere. Improvement of duties is possible even under the large systems where duties are already much above the average. The works necessary to secure this improvement, remodelling of channels and resluicing, are simple and cheap. The only difficulty in the way results from the lack of a spirit of mutual co-operation amongst the ryots. It was solely due to this factor, which prevented suitable grouping of the smaller holdings so that one sluice could be used for a group of holdings instead of a smaller one for each small holding, that it became necessary in the course of remodelling in the larger deltas to use the 4 inch pipe sluices of which much has been heard lately and to which the Irrigation officer objects as much as the ryot.

As a cheap means of extending the irrigated area, an active policy of remodelling and resluicing is indicated. The employment of special staff for this purpose would be a remunerative investment.

25. As regards the conservation of flood supplies, in addition to the Metar storage on the Cauvery, subject always to funds being available the storage on the river Bhavani and the upper storage on the Tungabhadra should materialize at an early date, while the investigation of the Kistna storage should be pushed on if the necessary settlement with the Hyderabad Government is effected. The question of storage on the river Gōdāvari also requires investigation.

26. With a view to extension of areas under existing systems and sources as well as in connexion with new projects, it appears desirable to adopt a more liberal policy as regards limitation of areas. The policy of limiting the irrigation to the area which would be safe in a bad year was sound so long as cheap sources of supply remained to be exploited. In existing conditions it appears advisable to provide for a fluctuating margin of areas which would be irrigated in reasonably good years, even though it failed in a bad year. The production of crops in say four years out of five helps to create a reserve in cash or kind against the remaining year.

27. The following abstracted figures will give a clearer indication than is afforded by detailed statistical information, some of which is not always readily accessible, of the value of the assets which the tax-payer possesses in the form of Irrigation Works, of the importance of their adequate maintenance and of the advantages to be expected from additional works. In the financial year 1923-24, taking only the class of larger works for which capital and revenue accounts are kept and including protection and other works (classed as "Non-productive") which are not expected to pay a direct dividend on the capital expenditure after paying the interest on loans, the total working expenses, including maintenance, repairs, establishment and also extensions and improvements which, though charged against revenue, are of permanent capital value, amounted to Rs. 40.59 lakhs. The direct revenue, net, after deducting maintenance, working expenses and establishment, amounted to Rs. 150.60 lakhs. The net return on total capital invested on these works, after deducting maintenance and working expenses including establishment, and interest on loans, is 5.91 per cent. The net return on "productive" works only is 10.52 per cent. The length of canals and distributaries maintained is 13,772 miles. Area of crops irrigated is 3,955,000 acres. The value of crops irrigated by these works in the year is Rs. 35,55,68,000.

The total expenditure on both capital and revenue accounts on all Irrigation Works in charge of this department during the year 1923-24 was Rs. 80,00,816. The total direct revenue collected amounted to Rs. 2,72,28,970.

The normal area of land irrigated by Government works in this Presidency is about 7.5 million acres, as compared with an average of 9.27 million acres in the Punjab. The next in order of area is the United Provinces with about 3.5 million acres. The normal output of irrigated paddy is about 6.4 million tons per annum.

The total area of land irrigated in the Presidency from all sources including tanks and other works and including areas in estates is about $9\frac{1}{2}$ million acres and the total area of crops irrigated including second crop is about $11\frac{1}{2}$ million acres. The total market value of irrigated rice produced annually is about 75 crores of rupees (excluding other crops irrigated). The average value of the annual output of material wealth in the form of all other kinds of produce including all other crops and garden produce (many of which are irrigated), livestock, skins and hides, tea, coffee, tobacco, timber and forest produce, salt, etc., is a little over two hundred crores.

28. In July 1924 the heaviest floods on record occurred in the river Cauvery. The meteorological conditions were so far as is known unprecedented, resulting practically in three separate floods occurring at such short intervals as to be almost simultaneous. This resulted in a flood level several feet above any previous flood. Moreover, while the system of flood warnings which had been found effective in all previous south-west monsoon conditions provided for the first warning for the staff to proceed to flood stations to be issued when 10 inches of rain occurred in three consecutive days at Mercara, this did not occur up to the 17th July when the first flood in the Cauvery occurred. This resulted from a distribution of heavy rainfall without precedent during the south-west monsoon.

29. The immediate break down of communications by road, rail and telephone together with the almost simultaneous occurrence of breaches scattered over the whole length of river and canal banks created a situation which taxed the local staff to the utmost. In the Cauvery Division alone there were 95 practically simultaneous breaches scattered over 516 miles of river and canal banks. To deal with these there were available 18 subordinates, an average of 5 breaches and 28 miles of bank per man, with 6 subdivision officers and 2 Executive Engineers for supervision.

30. With one exception the damage caused by these breaches, sand cast land and damage of property, occurred at once and nothing remained but to make them safe for the north-east monsoon which was done. The exception was the large breach above the Grand Anicut at Kilikudu. The Cauvery left flood bank above the Grand Anicut had been kept at a low level as a breaching section, with the intention that in an exceptional flood the Cauvery would breach this section and discharge surplus into the Coleroon, thus saving the Grand Anicut and Cauvery and Vennar regulators from destruction. This had occurred in previous floods without any ill effects. On this occasion this flood bank breached as intended, but owing to the extraordinary volume and persistence of the flood the scour extended into the natural bank of the river and formed a diversion some 450 feet in width through which water to a depth of about 36 feet passed into the Coleroon river. The closing of this breach involved operations of considerable difficulty. Until the flow was checked it was impossible to pass irrigation supplies to the Cauvery and Vennar areas. The old Vennar head at Uthamaseri 3 miles above the Grand Anicut, which was closed with a heavy bank when the present head at the Grand Anicut was constructed, and had in addition become completely silted up, was re-opened to increase the supply to the Vennar, and the flow through the breach was rapidly reduced by a heavy bag bund with pile trestles in support, working from both sides. The complete closing of the final gap of about 50 feet was not effected until the 11th December, but the depth was reduced sufficiently to enable supplies to be sent down and with the exception of comparatively small areas the first crop was harvested and the second crop has been maintained.

31. The areas of crops irrigated under this system aggregate about a million acres, producing crops worth approximately nine crores of rupees.

The strenuous work of the local staff in connexion with these breaches was most creditable.

32. The total losses resulting from these floods in the Trichinopoly and Tanjore districts according to the latest reports received are as follows:—

Public funds including roads, bridges, municipal buildings, Land Revenue remissions (damage of crops and lands) and irrigation works.	RS. 35,52,800
Private losses including houses, cattle, grains, miscellaneous properties, loss of crops and reclamation of land.	45,13,000

Damage of irrigation works to a comparatively minor extent occurred in the Coimbatore and Madura districts, the latter being confined to works in the Cumbum valley under the Periyar system and the Kumili Ghaut road.

Designs and estimates for a large masonry surplus work above the Grand Anicut had been put in hand shortly before these floods occurred. Designs and estimates for powerful scouring sluices at the Grand Anicut had also been prepared before the floods occurred.

With a view to the improvement of the supply to the Vennar which is adversely affected by the fact that the surplus discharge into the Coleroon takes place on the opposite side of the river, designs and estimates for a bed regulator in the Cauvery above the Grand Anicut have been prepared. These estimates have been sanctioned and funds have been provided to enable the works to be started in the current year.

Estimates for the improvement of the Lower Coleroon regulator to enable the Coleroon to take a larger proportion of the Cauvery surplus are under preparation.

A special division has been sanctioned to deal with these and other works and a new conservancy division has been proposed to deal with river conservancy and flood banks.

CHAPTER II.

M.R.Ry. Diwan Bahadur A. V. Ramalinga Ayyar Avargal, B.A., B.C.E., M.I.E., (IND.), continued as Chief Engineer for Irrigation till the 25th September 1923, when he retired from the service. He was succeeded by Mr. P. Hawkins, A.C.H., M. INST. C.E. The post of Assistant Chief Engineer for Irrigation continued to be held by M.R.Ry. R. Narasimha Ayyangar Avargal, B.A., B.E., except for a brief space of two months while he was on deputation to Simla as a member of the Indian Legislative Assembly.

2. Irrigation works in this Presidency are classified as shown below:—

(a) Works for which Capital and Revenue Accounts are kept—

A. Irrigation works—

- (i) Productive.
- (ii) Unproductive.

B. Navigation, Embankment and Drainage Works—

- (i) Productive.
- (ii) Unproductive.

(b) Works for which Capital and Revenue Accounts are not kept—

- (i) Irrigation works.
- (ii) Navigation, Embankment and Drainage Works.

The classification of a work as productive or unproductive is based upon the financial results of three consecutive years. There are no works in this Presidency under "B. Navigation, Embankment and Drainage Works—Productive."

3. A. Irrigation works—Productive.—(1) There are 24 works of this class, of which the Tolundur project was practically completed and opened by His Excellency the Governor on the 8th September 1923. The canals of the Godavari and the Kistna delta systems are used both for irrigation and navigation. The remaining works are for irrigation only.

(2) The total length of the main and branch canals of the productive systems at the end of the year was $4,049\frac{1}{2}$ miles. Of this length $876\frac{1}{2}$ miles were for irrigation and navigation combined and the remainder for irrigation only. The length of distributaries was $8,303\frac{1}{4}$ miles.

(3) The total area charged as irrigated (first and second crop) was 3,665,579 acres against 3,697,585 acres in the previous year. The decrease under first

	First crop.	Second crop.	
	ACS.	ACS.	
1923-24	3,192,022	473,557	
1922-23	3,219,911	477,674	

crop occurred chiefly under the Palar and Poiney anicut systems and the Cauvery delta system. Under second crop the decrease occurred under the Palar and Cheyyar anicut systems and the Pennar river canals system. The reasons for the variations are given under the respective systems in Chapter III.

(4) The capital outlay (direct and indirect) during the year was Rs. 10,73,740 against Rs. 6,73,958 in the previous year. The expenditure was incurred mainly on works in the Gōdāvari delta, the Divi pumping and the Cauvery delta systems and on the Toludur project. Details of the works carried out are given in Chapter III.

(5) The gross working expenses of the year amounted to Rs. 36,83,866 against Rs. 37,64,156 in the previous year. The decrease occurred chiefly under "establishment charges" due to retrenchment.

(6) The gross revenue of the year amounted to Rs. 1,80,97,940 against Rs. 1,73,75,552 in 1922-23. The increase in revenue in spite of the fall in the area irrigated is due to the introduction of resettlement rates in the Tanjore district under the Cauvery delta system. The figures of this system compare as follows with those of the previous year:—

	Area irrigated.	Gross revenue.
	ACS.	RS.
1922-23	986,859	10,75,828
1923-24	973,600	18,57,578

(7) The net revenue derived and the profit realized after deducting interest charges amounted to Rs. 97,18,566 and Rs. 74,60,261 against Rs. 89,20,706 and Rs. 67,17,069 respectively in the previous year. The net profit for the year amounts to 13.70 per cent and the profit after deducting interest charges, viz., Rs. 22,58,305 is 10.52 per cent on the total capital outlay of Rs. 7,09,22,231 to the end of the year against 5.16 per cent 25 years ago, i.e., in 1898-99. The accumulated profits to the end of the year amounted to Rs. 24.34 crores.

(8) The estimated value of irrigated crops raised during the year amounted to Rs. 33,73,58,828 against Rs. 36,16,54,546 in the preceding year.

(9) The average revenue per acre amounted to Rs. 4.94 on the gross area and Rs. 6.08 on new irrigation. The working expenses per acre were Rs. 1.00 on the gross area and Rs. 1.55 on new irrigation.

(10) The remissions granted during the year amounted to Rs. 3,69,327 against Rs. 1,28,636 in the previous year. The areas mainly affected were the Gōdāvari delta and the Palar anicut systems.

4. A. Irrigation Works—Unproductive.—(1) There are 29 works of this class excluding the Bhruhubbanda project in the Guntūr district (estimate rupees 1,36,466) which has not been commenced as it is to be taken up only when the necessity for famine-relief arises. The Vemula and Talapula Vanka Tanks which were completed at a cost of Rs. 63,757 and Rs. 68,824 respectively have proved failures.

(2) The capital outlay (direct and indirect) during the year was Rs. 7,626 taking into account 'receipts on capital account' of the Kurnool-Cuddapah Canal amounting to Rs. 12,306 which was taken as a set off against the outlay. This was incurred chiefly on the Rushikulya system.

(3) The total length of main and branch canals at the end of the year was 700 miles, of which 190 miles were for irrigation and navigation combined and the remainder for irrigation only. The length of distributaries was 753½ miles.

(4) The area irrigated during the year was 289,334 acres against 292,519 acres in 1922-23.

(5) The gross revenue amounted to Rs. 10,21,079 against Rs. 10,30,030 in the previous year.

(6) The gross working expenses amounted to Rs. 3,75,207 against Rs. 4,00,142 in 1922-23. The decrease was chiefly due to the retrenchment in establishment.

(7) The net revenue due to improvements amounted to Rs. 4,55,510 against Rs. 4,46,474 in the previous year. This represents a return of 1.12 per cent on the capital outlay of Rs. 4,03,99,759 to the end of the year. The net revenue, viz., Rs. 4,55,510 fell short of interest charges by Rs. 8,82,982 of which Rs. 5,64,784 is on account of the Kurnool-Cuddapah canal. The deficit represents 2.18 per cent on the capital outlay. Against this, however, must be set the value of the crops raised under these works, Rs. 1,82,09,409.

(8) The average revenue per acre amounted to Rs. 3.52 on the gross area and Rs. 4.41 on new irrigation. The working expenses per acre were Rs. 1.29 on the gross area and Rs. 1.91 on new irrigation.

(9) The remissions granted during the year amounted to Rs. 47,669 against Rs. 15,101 in the previous year. The areas mainly affected were the Rushikulya system and the Barur tank.

(10) The estimated value of crops raised amounted to Rs. 1,82,09,409 against Rs. 1,85,83,609 in the preceding year.

5. B. Navigation, Embankment and Drainage Works—Unproductive.—There are three works of this class, viz., the Ganjam-Gopalpur canal, the Buckingham canal and the Vedaranniyam canal, the total length of which is 296½ miles. The gross receipts and charges amounted to Rs. 80,200 and Rs. 2,98,884 respectively against Rs. 75,637 and Rs. 2,81,118 in the previous year. There was thus a loss of Rs. 2,18,684 on the working of these canals against Rs. 2,05,481 in 1922-23. Heavy expenditure was incurred on the clearance of silt in the Buckingham canal and in closing the breaches in the canal banks caused by the exceptionally heavy rains in 1922. The value of goods carried during the year was Rs. 1,69,38,100.

6. Navigation canals.—Navigation was carried on as usual on the Dummagudem, Gōdāvari, Kistna, Kurnool-Cuddapah, Buckingham, West Coast and Vedaranniyam canals. Excluding the West Coast canals for which figures are not available, the total direct receipts amounted to Rs. 2,84,386 or Rs. 6,555 more than in the previous year. The increase occurred chiefly in the Buckingham canal under 'Miscellaneous' receipts.

7. Works for which capital and revenue accounts are not kept—Irrigation works.—There are over 35,000 works of this class. The outlay incurred on, the area irrigated under, and the revenue derived from, works of this class are compared below with the figures of the previous year and the averages of the previous triennium:—

	Outlay incurred.	Area irrigated.	Gross revenue.
	RS.	ACS.	RS.
During 1923-24	32,25,867	2,936,223	81,09,951
" 1922-23	28,44,181	3,345,398	99,51,292
Average of the triennium ending 1922-23	30,31,425	3,296,444	97,91,144

The excess expenditure during the year was due chiefly to the special repairs carried out to a number of tanks and channels and extensive repairs to works in the Tinnevely division which were damaged by the floods of December 1923. The fall in area was due to the unfavourable character of the season.

8. Tank Restoration Scheme works.—(1) The total area coming within the scope of Tank Restoration Scheme investigation is 102,500 square miles. The area of minor basins on which work had been commenced or completed at the beginning of the year was 89,328 square miles, of which 83,609 square miles had been investigated. During the year under review these areas were increased by 947 square miles and 726 square miles respectively, bringing the total to 90,275 square miles, entered upon and 84,335 square miles investigated, the remaining 5,940 square miles being under investigation. In the area investigated works were completed for 76,736 square miles and in progress for 4,899 square miles. For the balance of 2,700 square miles works were not commenced. Thus about 82.27 per cent of the total area of 102,500 square miles affected by the scheme had been investigated up to the 31st March 1924, leaving on that date a balance of 18,165 square miles. The estimates sanctioned for Tank Restoration Scheme works during the year amounted to Rs. 3,11,189 against Rs. 3,21,836 in the previous year.

(2) The total amount of estimates sanctioned from the beginning of the Tank Restoration Scheme operations up to the end of the year was Rs. 1,64,80,145 against which the total expenditure incurred was Rs. 1,42,74,473 exclusive of charges for establishment and tools and plant. The expenditure during the year amounted to Rs. 3,14,256.

9. *Works for which Capital and Revenue Accounts are not kept—Navigation, Embankment and Drainage Works*—The outlay incurred on and the revenue derived from works of this class are compared below with the figures of the previous triennium:—

	Outlay incurred.	Revenue derived.
	RS.	RS.
During 1923-24	7,29,440	68,594
„ 1922-23	6,83,656	77,659
Average of the triennium ending 1922-23	7,13,068	83,334

10. *Character of the season 1923-24.*—The season 1923-24 was generally unfavourable to agricultural operations, and the rainfall during the year was ill-distributed, with excessive rains in some parts and drought in others. The north-east monsoon, on which irrigation largely depends, was very unfavourable in strong contrast with the previous year. A severe cyclone in November caused extensive damage in the coastal taluks of Ganjam and Vizagapatam, while torrential rains followed by floods in the Tambraparni valley in December resulted in breaches to irrigation works and loss of crops in Tinnevely. The average rainfall for the Presidency was 29.06 inches against 33.31 inches in 1922-23 and 36.51 inches, the average of the three years ending 1922-23.

11. *Floods in 1923-24.*—The highest flood in the Godavari was only 5.80 feet on the crest of the Dowlaishwaram anicut on the 22nd September 1923 against the recorded maximum of 17.0 feet in 1891 above the then crest level (the present crest being 0.75 foot higher). In the Kistna the maximum flood was 14.70 feet on the crest of the anicut at Bezvada on the 26th July 1923 against the record of 23.50 feet in October 1903. In the Tungabhadra the highest reading was 8.13 feet on the crest of the Sunkesala anicut on the 14th July 1923, the recorded maximum being 10.4 feet on the 31st October 1916. The maximum depth over the Adinimayapalle anicut across the Penner was 5.5 feet on the 16th September 1923, the highest recorded being 13.36 feet on the 26th October 1874. The Cauvery rose to 13.00 feet on the Cauvery dam north gauge on the 18th August 1923, against the recorded maximum of 14.67 feet in July 1911. A record flood occurred in the Tambraparni, the river rising on the 17th December 1923 to 14.00 feet above the crest of the Sri vaikuntam anicut against the previous maximum of 12.50 feet in 1914.

12. *Breaches and accidents.*—The cyclone of November 1923 in the Ganjam and Vizagapatam districts caused very heavy damage to the irrigation works in these districts. Several breaches occurred in the Rushikulya canal and its branches. The Ichchapur channel also breached and the undertunnel at 15/8 mile collapsed. The Ganjam minor rivers system was also affected. The Bahuda river bridge on the Ichchapur-Sompeta section of the trunk road was washed away. The river swept away the newly formed flood bank for a length of about half a mile from the road bridge and caused several breaches lower down. The Jayamangalam anicut was also damaged. About ten tanks in the Palkonda subdivision also breached. In the Yellamanchilli subdivision breaches occurred in river banks and channels owing to heavy monsoon in October 1923. Prompt steps were taken to repair the damage. Owing to heavy floods in the Tungabhadra river in September 1923, damages were caused to all the anicuts in the Bellary division, the most serious being the breaching of the Hoskote anicut. There was, however, no difficulty in supplying water for irrigation. Repairs to the breaches were in progress. Heavy floods during the year caused some damage to the Odanthurai and the Nairathalayur anicuts in Coimbatore district and steps were taken to repair the damage. Owing to very heavy rains in July 1923, there were exceptionally heavy floods in various parts of South Kanara district and in certain parts of Malabar. Heavy freshes in July and August 1923 caused breaches in the Thirumalrajan, Kodumurti and Veerasholai

the Cauvery delta and they were closed promptly. Owing to heavy rains and extraordinary high floods in the Tambraparni in December 1923, breaches occurred in several tanks and channels. Timely steps were taken to execute necessary repairs to safeguard irrigation.

13. *Remodelling of channels and ayacut maps.*—Proposals were under examination in the Godavari delta for re-grouping, wherever possible, the ayacuts now under 4 inches pipes by supplying groups with larger calibre of pipes.

14. The reports on the localization of irrigable areas in the Godavari Western and Kistna Eastern deltas were examined by the Chief Engineer for Irrigation and submitted to Government.

15. Twelve channels in the Godavari district and nine in the Kistna district were under panchayat management. The work of the panchayats was generally satisfactory.

CHAPTER III—WORKS FOR WHICH CAPITAL AND REVENUE ACCOUNTS ARE KEPT.

A.—IRRIGATION WORKS—PRODUCTIVE.

No. 1, Ganjam Minor Rivers System.

1. The capital outlay during the year amounted to Rs. 4,159 which was incurred chiefly on the improvements to the Jalagudem tank of Akkuvada and the construction of a surplus weir at 1 mile, 6 furlongs and 594 feet on the left bank of the Garibulagedda channel. The expenditure on these works to the end of the year was Rs. 2,781 and Rs. 500 against the estimates of Rs. 3,390 and Rs. 3,340 respectively.

2. The expenditure under 'Extensions and Improvements' and 'Maintenance and Repairs' amounted to Rs. 1,598 and Rs. 30,142, respectively, against Rs. 2,172 and Rs. 13,032 in 1922-23. The increase under the latter head was due to repairing the damage caused by the cyclone of November 1923.

3. The area irrigated was 65,208 acres under first crop and 6,640 acres under second crop against 64,502 acres and 7,001 acres respectively in the previous year. The extent of sugarcane cultivation was 197 acres against 180 acres in the previous year.

4. The gross revenue amounted to Rs. 70,052 and the working expenses to Rs. 49,160. The net revenue was thus Rs. 20,892 against Rs. 48,642 in 1922-23. The fall was due to the heavy outlay under 'Maintenance and Repairs' referred to in paragraph 2 above. The profit after deducting interest charges was Rs. 11,853 which is 4.25 per cent on the capital outlay against 14.47 per cent in the previous year.

5. The cyclone of November 1923 caused very heavy damage to the system and a special establishment was employed to repair the damage.

No. 2, Godavari Delta System.

6. The capital outlay during the year amounted to Rs. 1,96,584. The following were the important works carried out during the year:—

Eastern and Central Deltas.

(1) *Restoring the Kovvur-Manjair Junction Canal* (estimate Rs. 1,37,000).—The outlay during the year was Rs. 4,230 and to the end of the year Rs. 1,09,316. The work is expected to be completed in 1925-26.

(2) *Remodelling the Tossipudi North side channel* (estimate Rs. 69,170).—The outlay during the year was Rs. 3,888 and to the end of the year Rs. 44,291. The work is expected to be completed in 1925-26.

(3) *Improvements to the Ainapur drain* (estimate Rs. 1,45,300).—The outlay during the year was Rs. 1,140 and to the end of the year Rs. 1,45,249. A revised estimate for the work was under preparation.

(4) *Remodelling the Mandapeta channel* (estimate Rs. 18,430).—The outlay during the year was Rs. 1,194 and to the end of the year Rs. 16,413. The work is expected to be completed in 1924-25.

Western Delta.

(5) *Improvements to the upper portion of the Yenamadurru drain (estimate Rs. 9,74,000).*—The outlay during the year was Rs. 1,04,113 and to the end of the year Rs. 2,84,096.

7. *Working expenses—(a) Extensions and improvements.*—The expenditure was Rs. 12,386 against Rs. 13,274 in the previous year and Rs. 23,710, the average of the triennium ending 1922-23.

(b) *Maintenance and repairs.*—The outlay under the head was Rs. 4,20,747 against Rs. 4,51,150 in 1922-23 and Rs. 4,62,269, the average of the previous triennium.

8. The navigation receipts and charges amounted to Rs. 1,18,657 and Rupees 1,35,983 against Rs. 1,16,963 and Rs. 1,77,866 respectively in the previous year. Under 'Ton-mileage' the figure was 7,463,237 against 8,783,846 in 1922-23. The value of goods carried was estimated at Rs. 7,94,28,048 against Rs. 12,55,13,319 in the previous year.

9. The area irrigated was as shown below :—

Crop.	Average of the triennium ending 1922-23.	During 1922-23.	During 1923-24.
	ACS.	ACS.	ACS.
First crop	765,494	772,108	770,195
Second crop	207,029	185,940	223,153

The extent of sugarcane cultivation was 9,480 acres against 11,526 acres in the previous year.

10. The gross revenue and working expenses amounted to Rs. 42,57,145 and Rs. 9,14,391 respectively against Rs. 41,31,451 and Rs. 10,29,225 in 1922-23. The profit after deducting interest charges amounted to Rs. 28,41,702 which is 17.41 per cent on the capital outlay against 16.22 per cent in 1922-23 and 16.01 per cent in 1921-22.

11. Though the freshes in the river appeared rather late, yet transplantation was completed by the end of August 1923. The supply in the first crop season was good, but owing to heavy rains and cyclonic weather in November 1923 standing crops were damaged to some extent. The outturn was normal.

The following table shows the dates of closure and re-opening of the canals in the Godavari delta, and of the Dummagudem canal :—

Canals.	Date of closure.	Date of re-opening.
Eastern delta canals	22nd April 1923	5th June 1923
Central delta canals	15th April 1923	15th May 1923
Western delta canals	1st May 1923	31st May 1923
Dummagudem canal	15th March 1923	20th June 1923

No. 3, Kistna Delta System.

12. The capital outlay during the year was Rs. 56,472. The following were the important works carried out during the year :—

(1) *Constructing a combined lock and regulator at 27½ mile of Pulleru canal (estimate Rs. 60,050).*—The work was completed at a cost of Rs. 60,227.

(2) *Replacing the existing 3 feet shutters of the Kistna anicut at Bezvada by shutters 6 feet high (estimate Rs. 3,90,000).*—The work was started during the year and the outlay was Rs. 17,356.

(3) *Excavating the Pamarru channel diversion (estimate Rs. 14,200).*—The outlay during the year was Rs. 150 and to the end of the year Rs. 13,429. Owing to certain deviations proposed, no work was done during the last closure.

(4) *Constructing an arched bridge over the Commamur canal at Duggirala (estimate Rs. 28,650).*—This is a part contribution work in progress. The total outlay to the end of the year was Rs. 23,892.

(5) *Diversion of the Nallamada drain (estimate Rs. 7,35,000).*—The work was started during the year and the outlay was Rs. 1,926.

13. *Working expenses—(a) Extensions and improvements.*—The outlay was Rupees 13,711 against Rs. 16,028 in 1922-23 and Rs. 13,425 the average of the previous triennium.

(b) *Maintenance and repairs.*—The expenditure under the head was Rupees 3,10,454 against Rs. 2,85,748 in the previous year and Rs. 3,15,624 the average of the triennium ending 1922-23.

14. The navigation receipts and charges amounted to Rs. 81,638 and Rs. 88,521 against Rs. 79,501 and Rs. 93,095 respectively in 1922-23. The figure under 'Ton-mileage' was 9,786,047 against 11,927,733 in the previous year. The value of goods carried was Rs. 1,72,65,771 against Rs. 2,58,13,089 in 1922-23.

15. The area irrigated was as shown below :—

Crop.	Average of the triennium ending 1922-23.	During 1922-23.	During 1923-24.
	ACS.	ACS.	ACS.
First crop	742,214	755,998	757,704
Second crop	2,993	3,523	3,005

The extent of sugarcane cultivation was 373 acres against 375 acres in the previous year.

16. The gross revenue and working expenses amounted to Rs. 39,27,121 and Rs. 6,81,183 respectively against Rs. 38,49,202 and Rs. 6,82,122 in the previous year. The increase in revenue during the year was due to greater receipts under 'Miscellaneous revenue'. The profits after paying interest charges amounted to Rs. 27,10,797, which represents a return of 16.03 per cent on the capital outlay against 15.68 per cent in 1922-23 and 14.28 per cent in 1921-22.

17. The rains failed badly in the beginning of the irrigation season and the supply in the river was also very poor. However, the supply was steady and there were heavy showers in September. From November there was not sufficient supply in the river even for navigation and much difficulty was experienced in supplying water to drinking water tanks. Transplantation began from the 21st June. Owing to the scarcity of rain to supplement the river supply, there was much difficulty in distributing water for lands at the tail ends of the canals for transplantation. With all the several temporary arrangements made and the turn system adopted, the transplantation could not be completed earlier than September.

The following table shows the dates of closure and of re-opening of the canals in the Kistna delta :—

Canals.	Date of opening.	Date of closure.
Eastern delta main canal	1st June 1923	25th March 1924
Western delta main canal	10th June 1923	10th April 1924

No. 4, Divi Pumping System.

18. The capital outlay during the year amounted to Rs. 4,55,307 which was incurred chiefly on the following works :—

(1) *Installing a ninth engine and pump at Divi (estimate Rs. 3,16,000).*—The outlay to the end of the year was Rs. 3,31,933. A revised estimate was under preparation.

(2) *Improving and extending the south channel from 0 m. 2½ ch. to 4 m. 45 ch. (estimate Rs. 16,000).*—The work was started in March 1924 and the outlay was Rs. 304.

19. The expenditure under 'Extensions and improvements' and 'Maintenance and repairs' amounted to Rs. 1,288 and Rs. 1,03,578 respectively against Rs. 500 and Rs. 1,17,256 in the previous year.

20. The area irrigated was 35,558 acres first crop against 37,755 acres in the previous year. The fall was due to the inadequate supply in the irrigation source which led to a decrease in the extent of cultivation.

21. The gross revenue and working expenses amounted to Rs. 2,02,683 and Rs. 1,48,523 respectively against Rs. 2,35,072 and Rs. 1,83,718 in the previous year. The net revenue was Rs. 54,155. The deficit after paying interest charges was Rs. 28,342, which is 1.12 per cent on the capital outlay against 0.86 per cent in 1922-23.

22. The year 1923 was one of the worst seasons with very little rainfall and with low supply in the river, resulting in shortage in the extent irrigated. Pumping was commenced on the 5th July 1923 and was necessary for 138 days against 125 days in the previous year. Direct supply was drawn from the river for about 10 days against one day in the previous year. The irrigation season lasted for 143 days against 168 days in 1922-23.

Transplantation was commenced about the 15th July and lasted till the 20th September. Hot sun and dry winds affected the progress considerably and, owing to poor rainfall in July and August, the area irrigated had to be wetted solely by the pumped water. The yield was, however, fair in general and good in places where the transplantation could be completed by the end of August.

No. 5, Penner River Canals System.

23. The capital outlay during the year amounted to Rs. 1,169, which was incurred on the following works:—

(1) *Providing surplus arrangements in Thotapalli-Gudur and Varakavipud tanks (estimate Rs. 9,320).*—The work was completed at a cost of Rs. 7,487.

(2) *Improvements to the Eastern channel head sluice, Kanigiri reservoir (estimate Rs. 1,600).*—The work was completed at a cost of Rs. 1,015.

24. The expenditure under 'Extensions and improvements' and 'Maintenance and repairs' was Rs. 2,103 and Rs. 89,635 respectively against Rs. 2,372 and Rs. 97,781 in the previous year.

25. The area irrigated was 156,815 acres first crop and 3,522 acres second crop against 157,329 acres and 17,544 acres respectively in the previous year. The large decrease under second crop was due to want of timely and adequate rainfall. The extent of indigo cultivation was 1,259 acres against 2,805 acres in 1922-23.

26. The gross revenue amounted to Rs. 5,54,315 and the working expenses to Rs. 1,21,285. The net revenue was Rs. 4,33,030 against Rs. 4,67,959 in 1922-23. The profits after deducting interest charges amounted to Rs. 2,41,709 which represents a return of 3.53 per cent on the capital outlay against 4.11 per cent in 1922-23. The decrease was due to the unfavourable season.

27. The season was worse than in the previous year. Floods in the river came very late. Local rains held off and the river too fell so low that turns had to be resorted to much earlier than usual. The storage in the Kanigiri reservoir had to be drawn off to the limit to feed the first crop in the Sangam delta. Supply to the Nellore anicut canals was below requirements and no water was available for second crop.

No. 6, Arkenkota channel.

28. No expenditure was incurred under capital account.

29. The outlay under 'Extensions and improvements' and 'Maintenance and repairs' was Rs. 571 and Rs. 2,739 respectively against Rs. 200 and Rs. 6,507 in the previous year.

30. The area irrigated was 4,553 acres first crop and 531 acres second crop against 4,548 acres and 454 acres respectively in the previous year.

31. The gross revenue amounted to Rs. 18,796 and the working expenses to Rs. 4,417. The net revenue was thus Rs. 14,379 against Rs. 9,463 in the previous year. The profit after paying interest charges was Rs. 9,698, which is 6.71 per cent on the capital outlay against 3.31 per cent in 1922-23.

No. 7, Thadapalli channel.

32. No expenditure was incurred under capital account.

33. The outlay under 'Extensions and improvements' and 'Maintenance and repairs' was Rs. 394 and Rs. 9,624 respectively against Rs. 475 and Rs. 14,837 in the previous year.

34. The area irrigated was 15,241 acres first crop and 1,460 acres second crop against 15,167 acres and 1,944 acres respectively in the previous year.

35. The gross revenue amounted to Rs. 63,899 and the working expenses to Rs. 12,441. The net revenue was thus Rs. 51,458 against Rs. 45,142 in the previous year. The profit after deducting interest charges was Rs. 45,930, which is 26.15 per cent on the capital outlay against 22.56 per cent in 1922-23.

No. 8, Kalingarayan channel.

36. No expenditure was incurred under capital account.

37. The outlay under 'Extensions and improvements' and 'Maintenance and repairs' was Rs. 18 and Rs. 8,510 against Rs. 4 and Rs. 7,753 in the previous year.

38. The area irrigated was 12,126 acres first crop and 10,632 acres second crop against 11,964 acres and 10,133 acres respectively in the previous year.

39. The gross revenue amounted to Rs. 51,806 and the working expenses to Rs. 9,043. The net revenue was thus Rs. 42,763 against Rs. 39,111 in the previous year. The profit after deducting interest charges was Rs. 36,911, which is 20.45 per cent on the capital outlay against 18.43 per cent in 1922-23.

No. 9, Palar Anicut System.

40. No expenditure was incurred under capital account.

41. The expenditure under 'Extensions and improvements' was Rs. 5,535 and under 'Maintenance and repairs' Rs. 38,149 against Rs. 4,991 and Rs. 35,711 respectively in the previous year.

42. The area irrigated was 71,732 acres first crop and 15,150 acres second crop against 80,509 acres and 29,613 acres respectively in the previous year. The decrease was due to want of timely and adequate rainfall. The extent of sugar-cane cultivation was 146 acres against 299 acres in 1922-23.

43. The gross revenue amounted to Rs. 1,14,825 and the working expenses to Rs. 62,741. The net revenue was thus Rs. 52,084 against Rs. 1,83,623 in the previous year. The fall was due to the grant of remissions on a large scale. The deficit after paying interest charges was Rs. 26,101, which is 1.06 per cent on the capital outlay against a profit of 4.29 per cent in 1922-23.

44. There were no floods in the Palar river during the year and water did not pass over the crest of the anicut. The rainfall was below the average of the previous year and the season was not favourable for irrigation.

No. 10, Chembrambakkam Tank.

45. No expenditure was incurred under capital account.

46. There was no expenditure under 'Extensions and improvements'. The outlay under 'Maintenance and repairs' was Rs. 6,755 against Rs. 6,876 in the previous year.

47. The area irrigated was 13,242 acres first crop and 7,779 acres second crop against 13,257 acres and 3,570 acres respectively in 1922-23. There was a great fall under second crop in the previous year due to late rains.

48. The gross revenue amounted to Rs. 54,339 and the working expenses to Rs. 4,253. The net revenue was thus Rs. 50,086 against Rs. 37,376 in the previous year. The profit after deducting interest charges was Rs. 28,142, which is 3.66 per cent on the capital outlay against 2.02 per cent in 1922-23.

No. 11, Valluru Anicut System.

49. No expenditure was incurred under capital account.

50. The expenditure under 'Extensions and improvements' was Rs. 20 and under 'Maintenance and repairs' Rs. 1,767 against Rs. 1,121 and Rs. 10,406 respectively in 1922-23. The heavy outlay under the latter head in the previous year was due to the repairs carried out to the Vallur main channel and the Korteliar left bank.

51. The area irrigated was 4,726 acres first crop and 137 acres second crop against 5,206 acres and 135 acres respectively in the previous year. The fall under first crop was due to the unfavourable character of the season.

52. The gross revenue amounted to Rs. —294 and the working expenses to Rs. 624. There was thus a deficit of Rs. 918 or 1.20 per cent of the capital outlay against Rs. 10,342 or 13.55 per cent in 1922-23.

No. 12, Poiney Anicut System.

53. The capital outlay amounted to Rs. 497, which was incurred on fitting the Poiney Eastern channel head sluice with lift shutters. The work was completed at a cost of Rs. 26,233 against the estimate of Rs. 26,000.

54. The outlay under 'Extensions and improvements' was Rs. 2,457 and under 'Maintenance and repairs' Rs. 13,306 against Rs. 998 and Rs. 12,004 respectively in the previous year.

55. The area irrigated was 15,594 acres first crop and 2,688 acres second crop against 23,100 acres and 5,199 acres respectively in the previous year. The fall was due to want of timely and adequate rainfall. The extent of sugarcane cultivation was 63 acres against 48 acres in the previous year.

56. The gross revenue amounted to Rs. 4,957 and the working expenses to Rs. 18,522. There was thus a deficit of Rs. 13,565 or 4.46 per cent of the capital outlay against a profit of 19.24 per cent in 1922-23. The fall was due to the grant of remissions on a large scale owing to the unfavourable character of the season.

57. There were no floods in the Poiney river during the year and the rainfall was scanty in both the monsoons. The season was unfavourable for irrigation.

No. 13, Cheyyar Anicut System.

58. The capital outlay amounted to Rs. 18,138 which was incurred on 'Improvements to the Molagripattu and Kadagampundi tanks'. The outlay on the work to the end of the year was Rs. 44,187 against the estimate of Rs. 47,120. The work was practically completed.

59. The expenditure under 'Extensions and improvements' and 'Maintenance and repairs' was Rs. 5,744 and Rs. 20,979 respectively against Rs. 3,199 and Rs. 27,930 in the previous year.

60. The area irrigated was 20,126 acres first crop and 6,252 acres second crop against 21,918 acres and 14,439 acres respectively in the previous year. The fall under second crop was due to want of timely and adequate rainfall. The extent of sugarcane cultivation was 19 acres against 51 acres in 1922-23.

61. The gross revenue amounted to Rs. 54,296 and the working expenses to Rs. 36,674. The net revenue was thus Rs. 17,622 against Rs. 35,971 in the previous year. The profit after paying interest charges was Rs. 428, which is 0.8 per cent on the capital outlay against 4.03 per cent in 1922-23.

62. There were no floods of any importance during the year, but there was a slight overflow over the crest of the anicut on 28th October 1923 when 1.05 feet of water passed over the crest against the recorded maximum of 12.90 feet on 31st December 1903. The season was unfavourable for irrigation.

No. 14, Tirukkoyilur Anicut System.

63. No expenditure was incurred under capital account.

64. The outlay under 'Extensions and improvements' and 'Maintenance and repairs' was Rs. 2,776 and Rs. 14,282 respectively against Rs. 1,981 and Rs. 20,704 in 1922-23. Heavy outlay was incurred under 'Maintenance and repairs' in the previous year on the execution of a large number of repair works.

65. The area irrigated was 27,289 acres first crop and 5,581 acres second crop against 27,073 acres and 5,442 acres respectively in the previous year. The extent of sugarcane cultivation was 260 acres against 264 acres in 1922-23.

66. The gross revenue and working expenses amounted to Rs. 79,269, and Rs. 21,399 respectively against Rs. 76,999 and Rs. 27,747 in the previous year. The profit after deducting interest charges was Rs. 45,139 equivalent to a return of 11.7 per cent on the capital outlay against 9.47 per cent in 1922-23.

67. The year was exceptionally bad both as regards the intensity and duration of the floods in the Ponnai river. The highest flood during the year was 1.35 feet over the crest of the Anicut on the 29th October 1923 against the recorded maximum of 11.70 feet on the 31st December 1903. The rainfall was below the average of the previous year.

No. 15, Shatiatope Anicut System.

68. There was no capital outlay during the year.

69. The expenditure under 'Extensions and improvements' and 'Maintenance and repairs' was Rs. 2,521 and Rs. 18,490 against Rs. 5,940 and Rs. 22,511 respectively in 1922-23.

70. The area irrigated was 32,986 acres first crop and 6,805 acres second crop against 32,066 acres and 6,934 acres respectively in the previous year.

71. The gross revenue and working expenses amounted to Rs. 1,47,674 and Rs. 35,344 respectively against Rs. 1,43,120 and Rs. 43,299 in the previous year. The profit after deducting interest charges was Rs. 81,889 equivalent to a return of 8.42 per cent on the capital outlay against 7.13 per cent in 1922-23.

72. The highest flood level during the year was 7.5 ft. over the crest of the anicut on the 2nd November 1923 against the recorded maximum of 19.50 ft. in 1880.

The supply from the Vellar was comparatively poor. But as there were floods in the Coleroon for a long period during the months from July to September, flood water was diverted through the Vadavar and Veeranam into the Vellar above the Shatiatope anicut and the whole area under the system was thus successfully irrigated.

No. 16, Toludur Project.

73. The project was practically completed and opened by His Excellency the Governor on the 8th September 1923. The total outlay on the project to the end of the year was Rs. 25,88,619 against the estimate of Rs. 32,10,000.

74. An outlay of Rs. 1,895 was incurred under "Extensions and improvements."

75. An extent of 7,416 acre (5,897 acre dry and 1,519 aces wet) was brought under irrigation against 740 acres in the previous year. The extent of sugarcane cultivation was 109 acres.

76. The water rate charged was Rs. 53,045 and the gross working expenses amounted to Rs. 2,743.

77. Owing to the failure of the north-east monsoon, the reservoir got very little supply during the year and in consequence the irrigation under it suffered considerably.

No. 17, Mehamattur Anicut System.

78. No expenditure was incurred under capital account.

79. The outlay under "Extensions and improvements" and "Maintenance and repairs" amounted to Rs. 450 and Rs. 3,964 respectively against Rs. 2,003 and Rs. 1,584 in the previous year.

80. The area irrigated was 4,576 acres first crop and 420 acres second crop against 4,818 acres and 407 acres respectively in the previous year. The extent of sugarcane cultivation was 80 acres against 152 acres in 1922-23.

81. The gross revenue and working expenses amounted to Rs. 21,505 and Rs. 6,535 respectively against Rs. 22,104 and Rs. 5,071 in the previous year. The profit after deducting interest charges was Rs. 12,468 equivalent to a return of 16.54 per cent on the capital outlay against 19.28 per cent in 1922-23.

82. The floods during the year were below normal and unseasonal. The rainfall was below the average of the previous year.

No. 18, Vriddhachalam Anicut System.

83. No expenditure was incurred under capital account.

84. The outlay under 'Extensions and improvements' and 'Maintenance and repairs' amounted to Rs. 502 and Rs. 4,315 respectively against Rs. 397 and Rs. 3,124 in 1922-23.

85. The area irrigated was 8,741 acres first crop and 325 acres second crop against 8,415 acres and 684 acres respectively in the previous year. The extent of sugarcane cultivation was 11 acres against 138 acres in 1922-23.

86. The gross revenue and working expenses amounted to Rs. 31,716 and Rs. 8,571 respectively against Rs. 30,557 and Rs. 6,269 in the previous year. The profit after deducting interest charges was Rs. 20,346 equivalent to a return of 23.47 per cent on the capital outlay against 24.79 per cent in 1922-23.

87. The floods were scarce and much below normal. Owing to the failure of the south-west monsoon, the agricultural operations had to be commenced late in the season.

No. 19, Lower Coleroon Anicut System.

88. No expenditure was incurred under capital account.

89. The outlay under 'Extensions and improvements' and 'Maintenance and repairs' was Rs. 11,796 and Rs. 1,09,667 respectively against Rs. 11,006 and Rs. 91,053 in the previous year. The increase under the latter head was due to the closing of breaches caused by the heavy floods of December 1922 and January 1923.

90. The area irrigated was 109,502 acres first crop and 7,624 acres second crop against 1,09,262 acres and 7,093 acres respectively in the previous year. The extent of sugarcane cultivation was 77 acres against 103 acres in 1922-23.

91. The gross revenue and working expenses amounted to Rs. 4,37,120 and Rs. 1,86,433 respectively against Rs. 4,01,902 and Rs. 1,47,926 in the previous year. The increase in revenue was due mainly to the introduction of resettlement rates in the Tanjore district. The profit after deducting interest charges was Rs. 1,88,407 representing a return of 9.69 per cent on the capital outlay against 10.02 per cent in 1922-23.

92. There were almost continuous high freshes in the Coleroon during the south-west monsoon for about three months from July to September 1923. The maximum flood level at the Lower Anicut was 15.1 ft. on 19th August 1923 against the recorded maximum of 17.10 ft. in 1896.

No. 20, Cauvery Delta System.

93. The capital outlay during the year amounted to Rs. 1,37,201 which was incurred chiefly on the following works:—

(1) *Converting the Kanjivoy dam across the Nandalar into a regulator.*—The work was completed at a cost of Rs. 9,712 against the estimate of Rs. 9,800.

(2) *Converting the Nedumarudur dam across the Manjalar into a regulator.*—The work was completed at a cost of Rs. 11,608 against the estimate of Rs. 14,350.

(3) *Improvements to Lawford's Straight Cut (estimate Rs. 1,80,000).*—The outlay during the year was Rs. 13,653 and to the end of the year Rs. 1,25,554.

(4) *Constructing a regulator across the Korayar in Veerunvoyal limits (estimate Rs. 55,300).*—The outlay during and to the end of the year was Rs. 7,526 and Rs. 44,020 respectively. The work is expected to be completed in 1924-25.

(5) *Improvements to the lower reaches of the Cauvery from the infall of the Ayyavayyanar to the sea (estimate Rs. 2.63 lakhs).*—Expenditure to the extent of Rs. 10,574 was incurred on land acquisition.

(6) *Constructing a regulator across the Nallar.*—The work was completed at a cost of Rs. 15,940 against the estimate of Rs. 19,000.

(7) *Constructing a regulator across the Kaduvayar.*—The outlay to the end of the year was Rs. 31,025 against the estimate of Rs. 34,500. The work is expected to be completed in 1924-25.

(8) *Reconstructing the Thoppadanaveli dam (estimate Rs. 1,14,000).*—The outlay during the year was Rs. 30,539 and to the end of the year Rs. 44,569. The work is expected to be completed in 1925-26.

94. *Working expenses.*—(a) *Extensions and improvements.*—The expenditure was Rs. 1,06,197 against Rs. 1,27,863 in 1922-23 and Rs. 66,633, the average of the previous triennium. Heavy expenditure was incurred in 1922-23 and 1923-24 on the improvements to the Grand Anicut at a cost of Rs. 1,43,800.

(b) *Maintenance and repairs.*—The outlay was Rs. 4,22,620 against Rupees 3,75,541 in the previous year and Rs. 3,50,639 the average of the triennium ending 1922-23. The increase was due to the raising of river banks and masonry works and to the closing of breaches caused by the unusually heavy rains in December 1922 and in January 1923.

95. The area irrigated was as shown below:—

Crop.	Average of the triennium ending 1922-23.	During 1922-23.	During 1923-24.
	ACS.	ACS.	ACS.
First crop	895,143	894,371	885,376
Second crop	93,242	92,488	88,224

The fall was due to the unfavourable character of the season. The extent of sugarcane cultivation was 748 acres against 1,036 acres in the previous year.

96. The gross revenue was Rs. 18,57,578 against Rs. 10,75,821 in 1922-23 and Rs. 10,87,302, the average of the previous triennium. The working expenses amounted to Rs. 7,02,281 against Rs. 5,97,450 in the previous year and Rs. 5,03,641, the average of the triennium ending 1922-23. The net revenue of the year was Rs. 11,55,297 against Rs. 4,73,378 in 1922-23 and Rs. 5,83,661, the average of the previous triennium. The increase was due mainly to the introduction of resettlement rates in the Tanjore district. The profit after deducting interest charges amounted to Rs. 9,89,072 which is 20.10 per cent on the capital outlay against 6.69 per cent in 1922-23 and 6.92 per cent in 1921-22.

97. There were heavy rains when the crop was ripening and this caused a certain diminution in the yield over a large area. The season was, however, on the whole normal.

No. 21, Nandyar Channel System.

98. No expenditure was incurred under capital account.

99. The outlay under "Maintenance and repairs" was Rs. 6,948 against Rs. 2,574 in the previous year. The increase was due to the fact that works relating to the repairs to the Kulayar banks which were previously accounted for under the Cauvery delta system were subsequently charged to this system.

100. The area irrigated was 6,601 acres first crop and 2,385 acres second crop against 6,607 acres and 2,711 acres respectively in 1922-23.

101. The gross revenue and working expenses amounted to Rs. 5,782 and Rs. 5,669 respectively against Rs. 6,433 and Rs. —772 in the previous year. The deficit after paying interest charges was Rs. 2,027 which is 3.08 per cent on the capital outlay against a profit of 7.71 per cent in the previous year.

No. 22, Periyar System.

102. The capital outlay during the year amounted to Rs. 48,459, which was incurred chiefly on the following works:—

(1) *Excavating a supply channel to Inam Sitalangudi tank.*—The work was started during the year under an estimate of Rs. 5,970 and the outlay was Rs. 4,220.

(2) *Reconstructing the collapsed anicut across the Cumbum Chinna voikal.*—The work was started during the year and completed at a cost of Rs. 23,713 against the estimate of Rs. 23,972.

103. *Working Expenses*—(a) *Extensions and improvements.*—The outlay was Rs. 9,773 against Rs. 8,617 in 1922-23.

(b) *Maintenance and repairs.*—The expenditure was Rs. 1,22,419 against Rs. 1,39,549 in the previous year. Heavy expenditure was incurred in the previous year in carrying out certain urgent works in the Periyar and Uthamapalayam subdivisions. The amount included Rs. 42,965, the amount paid annually to the Travancore Darbar for the land occupied by the Periyar lake.

104. The area irrigated compares as shown below:—

Crop.	Average of the triumvirate ending 1922-23.	During 1922-23.	During 1923-24.
	ACS.	ACS.	ACS.
First crop	130,232	130,799	131,379
Second crop	47,449	47,041	49,391

105. The gross revenue and working expenses amounted to Rs. 8,61,285 and Rs. 1,93,184 respectively against Rs. 8,33,857 and Rs. 2,46,626 in the previous year. The net revenue was thus Rs. 6,68,101 against Rs. 5,87,231 in the previous year. The increase was due to greater receipts under 'Miscellaneous revenue'. The profit after deducting interest charges amounted to Rs. 3,23,162 which is 3.01 per cent on the capital outlay against 2.28 per cent in 1922-23 and 2.40 per cent in 1921-22.

106. The rainfall was normal. The general condition of the crop was good and water-supply sufficient. The highest flood during the year in the Vaigai at Peranai was recorded on the 16th December 1923. The front reading at the regulator with nine shutters opened 10 feet each was 9.6 feet and rear reading 7.5 feet.

The highest level in the Periyar lake was 152.37 on the 16th December 1923. The head sluice was opened for irrigation at lake level 135.68 on the 17th June 1923 and closed on the 17th March 1924. This year also some of the lower riparian ryots requested that the lake might be kept open till the end of March 1924. This could not be done. However as a special case the lake was kept open till the 17th March 1924. As water scarcity was felt in parts of the Sivaganga zamindari, water was allowed for irrigation on two or three occasions from the Periyar channel at the request of the Estate Collector.

No. 23, Sriyaikuntam Anicut System.

107. The capital outlay during the year amounted to Rs. 1,011 which was incurred on raising the F.T.L. of the Peikulam tank by 1 foot. The expenditure on the work to the end of the year was Rs. 7,723 against the estimate of Rs. 8,180. The work was almost completed.

108. The expenditure under "Extensions and improvements" and "Maintenance and repairs" amounted to Rs. 15,687 and Rs. 56,843 respectively against Rs. 19,280 and Rs. 35,136 in the previous year. The increase under the latter head was due to repairing the damage caused by the floods of December 1923 and to the execution of necessary protective works to flood banks.

109. The area irrigated was 25,125 acres first crop and 17,527 acres second crop against 25,572 acres and 19,115 acres respectively in the previous year.

110. The gross revenue and working expenses amounted to Rs. 1,50,311 and Rs. 1,03,772, respectively, against Rs. 1,66,056 and Rs. 90,822 in the previous year. The net revenue for the year was thus Rs. 46,539 against Rs. 75,234 in 1922-23. The fall was due to the increased outlay under "Maintenance and Repairs" and to the grant of large remissions owing to heavy floods during the year. The deficit after paying interest charges was Rs. 10,406 which is 0.58 per cent on the capital outlay against a profit 1.05 per cent in 1922-23.

111. The floods during the year in the Tambarni were very heavy. The highest flood was recorded on the 17th December 1923, the depth over the Sriyaikuntam anicut crest being 14.00 feet, the highest previously recorded level being 2.50 feet in December 1914. The unprecedented floods caused much havoc to irrigation works. Prompt measures were taken to close the breaches.

No. 24, Marudur Anicut System.

112. There was no expenditure under capital account.

113. The outlay under "Extensions and Improvements" and "Maintenance and Repairs" was Rs. 354 and Rs. 13,668 against Rs. 834 and Rs. 8,840, respectively, in the previous year. The increase under the latter head was due to repairing the damage caused by the floods of December 1923.

114. The area irrigated was 17,627 acres first crop and 14,322 acres second crop against 17,567 acres and 15,266 acres, respectively, in 1922-23.

115. The gross revenue and working expenses amounted to Rs. 99,960 and Rs. 18,381, respectively, against Rs. 1,02,791 and Rs. 13,501 in the previous year. The profit after deducting interest charges was Rs. 79,899 representing a return of 54.23 per cent on the capital outlay against 169.11 per cent in 1922-23.

CHAPTER IV—WORKS FOR WHICH CAPITAL AND REVENUE ACCOUNTS ARE KEPT

A.—IRRIGATION WORKS—UNPRODUCTIVE.

No. 25, Rushikulya System.

1. The capital outlay during the year amounted to Rs. 9,276 which was incurred on the following works:—

(1) *Constructing a masonry dam across the Sappiwa nalla in Bendalia limits.*—The outlay to the end of the year was Rs. 2,150 against the estimate of Rs. 6,300.

(2) *Excavating a minor distributary for Bolludi and Inginali villages.*—The outlay to the end of the year was Rs. 2,670 against the estimate of Rs. 3,150.

(3) *Constructing a new rest shed at Tanganapalli (estimate Rs. 5,810).*—The expenditure to the end of the year was Rs. 2,470.

2. The expenditure under "Extensions and Improvements" and "Maintenance and Repairs" was Rs. 5,228 and Rs. 53,719, respectively, against Rs. 3,424 and Rs. 41,597 in 1922-23.

3. The area irrigated was 104,923 acres first crop and 1,242 acres second crop against 107,844 acres and 1,142 acres, respectively, in the previous year. The extent of sugarcane cultivation was 857 acres against 645 acres in 1922-23.

4. The gross revenue and working expenses amounted to Rs. 1,73,141 and Rs. 98,169 against Rs. 1,93,514 and Rs. 81,777, respectively, in the previous year. The net revenue was therefore Rs. 74,972 which represents a return of 1.46 per cent on the capital outlay against 2.17 per cent in the previous year.

5. Owing to the cyclone in November 1923 several breaches occurred in the Rushikulya canal and its branches. The Ichchapur channel also breached with the result that the under-tunnel at 15/6 mile collapsed. The work of reconstruction was in progress.

The average rainfall in the catchment area was 48.87 inches against 54.24 inches in the previous year, and gauges were read at 3 stations, the quantity

recorded being 30.59 inches during the south-west and 17.22 inches in the north-east monsoon. The water-level in the Russellkonda reservoir was 32.10 feet on 28th July 1923 when it was first opened for irrigation and the reading of the Surada reservoir was 22.30 feet on the 30th July 1923 when it was first opened.

No. 26, Nagavalli River System.

6. The capital outlay during the year amounted to Rs. 4,161, which was incurred mainly on the excavation of new distributaries required for the development of the system.

7. The expenditure under "Extensions and Improvements" and "Maintenance and Repairs" amounted to Rs. 1,864 and Rs. 11,872, respectively, against Rs. 2,909 and Rs. 11,084 in 1922-23.

8. The area irrigated was 25,329 acres first crop and 885 acres second crop against 24,576 acres and 1,110 acres, respectively, in the previous year. The extent of sugarcane cultivation was 98 acres against 81 acres in 1922-23.

9. The gross revenue amounted to Rs. 79,185 and the working expenses to Rs. 21,553. The net revenue was therefore Rs. 57,632 which represents a return of 3.34 per cent on the capital outlay against 3.22 per cent in the previous year.

10. The season was not favourable. Owing to short rainfall at the beginning of the season and heavy cyclone in November 1923, there was a general failure of crops.

No. 27, Muniyeru System.

11. The capital outlay during the year amounted to Rs. 2,457 which was incurred on constructing quarters for the Anicut Superintendent at Polampalli. The work was completed at a cost of Rs. 1,617 for "works" against the estimate of Rs. 2,000.

12. The outlay under "Extensions and Improvements" and "Maintenance and Repairs" amounted to Rs. 257 and Rs. 6,094, respectively, against Rs. 54 and Rs. 6,757 in the previous year.

13. The area irrigated was 6,685 acres first crop and 375 acres second crop against 6,170 acres and 2 acres, respectively, in the previous year.

14. The gross revenue and working expenses amounted to Rs. 27,123 and Rs. 10,616, respectively. The net revenue was therefore Rs. 16,507 or 2.74 per cent on the capital outlay against Rs. 10,357 or 1.81 per cent in the previous year.

No. 28, Peddanayudu tank of Chinnaraopalem.

15. There was no expenditure under capital account.

16. The outlay under "Maintenance and Repairs" was Rs. 137 against Rs. 258 in 1922-23.

17. The area irrigated was 133 acres under first crop against 137 acres in the previous year.

18. The net revenue after deducting working expenses amounted to Rs. 1,910 or 3.00 per cent on the capital outlay against Rs. 2,593 or 3.77 per cent in 1922-23.

No. 29, Bhrugubhanda Project.

19. The work has been ordered to be taken up only when necessity for famine relief arises and has therefore not been commenced.

No. 30, Jangamabeswarapuram Tank.

20. There was no outlay under capital account.

21. The expenditure under "Maintenance and Repairs" was Rs. 357 against Rs. 456 in the previous year.

22. The area irrigated was 743 acres under first crop against 760 acres in 1922-23.

23. The net revenue after deducting working expenses amounted to Rs. 570 or 0.79 per cent on the capital outlay against Rs. 403 or 0.56 per cent in the previous year.

No. 31, Atmakur Tank.

24. No expenditure was incurred under capital account.

25. The outlay under "Maintenance and Repairs" amounted to Rs. 3,245 against Rs. 1,234 in the previous year. Heavy expenditure was incurred in closing the breaches in the tank bund caused by heavy rains in June 1922.

26. The area irrigated was 750 acres first crop and 27 acres second crop against 742 acres of first crop in 1922-23.

27. There was a deficit of Rs. 3,252 or 2.64 per cent on the capital outlay against Rs. 1,964 or 1.59 per cent in the previous year.

No. 32, Dondapad Tank.

28. There was no outlay under capital account.

29. The expenditure under "Extensions and Improvements" and "Maintenance and Repairs" was Rs. 236 and Rs. 31, respectively, against an outlay of Rs. 24 under the former head in the previous year.

30. The area irrigated was 199 acres under first crop against 151 acres in 1922-23.

31. The net revenue after deducting working expenses was Rs. 243 or 0.17 per cent on the capital outlay against Rs. 436 or 0.31 per cent in the previous year.

No. 33, Bhavanasi Tank.

32. There was no capital outlay during the year.

33. The expenditure under "Extensions and Improvements" and "Maintenance and Repairs" was Rs. 21 and Rs. 2,024, respectively, against Rs. 403 and Rs. 3,018 in the previous year.

34. The area irrigated was 446 acres first crop and 305 acres second crop against 291 acres and 117 acres, respectively, in 1922-23.

35. The gross revenue and working expenses amounted to Rs. 5,109 and Rs. 3,263, respectively. The net revenue was thus Rs. 1,846 or 0.7 per cent on the capital outlay against a deficit of Rs. 3,593 or 1.38 per cent in the previous year.

No. 34, Mopad Reservoir.

36. There was no capital outlay during the year.

37. The expenditure under "Maintenance and Repairs" amounted to Rs. 3,127 against Rs. 2,209 in the previous year.

38. The area irrigated was 2,552 acres first crop and 886 acres second crop against 1,695 acres and 523 acres, respectively, in 1922-23.

39. The gross revenue and working expenses amounted to Rs. 23,373 and Rs. 5,716, respectively. The net revenue was thus Rs. 17,657 which is 0.77 per cent on the capital outlay against Rs. 11,150 or 0.49 per cent in the previous year.

No. 35, Hajipuram Tank.

40. No expenditure was incurred under capital account.

41. The outlay under "Maintenance and Repairs" was Rs. 500 against Rs. 155 in the previous year.

42. The area irrigated was 743 acres first crop and 282 acres second crop against 754 acres and 121 acres, respectively, in 1922-23.

43. The net revenue amounted to Rs. 3,655 or 1.17 per cent on the capital outlay against Rs. 3,450 or 1.10 per cent in the previous year.

No. 36, Ponnalur Tank.

44. There was no expenditure under capital account.

45. The outlay under "Extensions and Improvements" and "Maintenance and Repairs" was Rs. 413 and Rs. 2,670 against an expenditure of Rs. 2,415 under the latter head in 1922-23.

46. The area irrigated was 604 acres first crop and 81 acres second crop against 738 acres and 178 acres, respectively, in the previous year. The decrease was due to the unfavourable character of the season.

47. There was a deficit of Rs. 2,033 or 0.96 per cent of the capital outlay against a net revenue of Rs. 450 or 0.21 per cent in the previous year.

No. 37, Anamasamudram-Beraperu Tank.

48. No expenditure was incurred under capital account and working expenses.

49. The area irrigated was 977 acres first crop against 1,004 acres of first crop and 25 acres second crop in 1922-23. The decrease was due to the unfavourable character of the season.

50. There was a deficit of Rs. 810 or 1.10 per cent of the capital outlay against a net revenue of Rs. 1,506 or 2.05 per cent in the previous year.

No. 38, Yerur Tank.

51. There was no expenditure under capital account and working expenses.

52. The area irrigated was 1,069 acres first crop against 850 acres in 1922-23.

53. The net revenue was Rs. 200 or 0.31 per cent on the capital outlay against Rs. 1,304 or 2.06 per cent in previous year.

No. 39, Sagileru System.

54. No expenditure was incurred under capital account.

55. The outlay under "Extensions and Improvements" and "Maintenance and Repairs" was Rs. 231 and Rs. 2,072, respectively, against an expenditure of Rs. 2,455 under the latter head in the previous year.

56. The area irrigated was 4,174 acres first crop and 321 acres second crop against 3,998 acres and 338 acres, respectively, in 1922-23. The extent of sugarcane cultivation was 108 acres against 93 acres in the previous year.

57. There was a deficit of Rs. 571 or 0.12 per cent of the capital outlay against Rs. 5,283 or 1.14 per cent in 1922-23.

No. 40, Cumbum Tank.

58. There was no outlay under capital account.

59. The expenditure under "Extensions and Improvements" and "Maintenance and Repairs" was Rs. 312 and Rs. 997 against Rs. 722 and Rs. 800, respectively, in the previous year.

60. The area irrigated was 5,707 acres first crop and Rs. 4,256 acres second crop against 5,647 acres and 3,770 acres, respectively, in 1922-23. The extent of sugarcane cultivation was 76 acres against 73 acres in the previous year.

61. The net revenue amounted to Rs. 8,809 or 10.2 per cent on the capital outlay against Rs. 6,058 or 7.01 per cent in 1922-23.

No. 41, Markapur Tank.

62. No expenditure was incurred under capital account.

63. The outlay under "Maintenance and Repairs" amounted to Rs. 1,596 against Rs. 1,141 in 1922-23.

64. The area irrigated was 1,531 acres first crop and 510 acres second crop against 1,403 acres and 177 acres, respectively, in the previous year. There was a fall under second crop in 1922-23 due to late rains.

65. The net revenue amounted to Rs. 2,261 or 1.57 per cent on the capital outlay, against Rs. 680 or 0.56 per cent in the previous year.

No. 42, Yellanur Tank.

66. There was no expenditure under capital account.

The outlay under "Maintenance and Repairs" was Rs. 1,130 against Rs. 27 in the previous year.

67. The area irrigated was 640 acres first crop against 887 acres first crop and 16 acres second crop in 1922-23. The decrease was due to the unfavourable character of the season.

68. The net revenue amounted to Rs. 851 or 0.31 per cent on the capital outlay against Rs. 3,483 or 1.29 per cent in the previous year.

No. 43, Kocheruvu Tank.

69. There was no outlay under capital account.

70. The expenditure under "Extensions and Improvements" and "Maintenance and Repairs" was Rs. 115 and Rs. 479 respectively against an outlay of Rs. 384 under the latter head in the previous year.

71. The area irrigated was 138 acres first crop and 35 acres second crop against 138 acres and 43 acres respectively in 1922-23.

72. There was a deficit of Rs. 1,082 or 0.79 per cent of the capital outlay against Rs. 1,127 or 0.83 per cent in the previous year.

No. 44, Siddapur Tank.

73. There was no capital outlay during the year.

74. The expenditure under "Maintenance and Repairs" was Rs. 1,363 against Rs. 580 in the previous year.

75. The area irrigated was 921 acres first crop and 41 acres second crop. There was no irrigation in 1922-23 as the tank received no supply.

76. The net revenue was Rs. 229 or 0.3 per cent on the capital outlay against a deficit of Rs. 1,257 or 0.16 per cent in the previous year. The tank received a fair supply during the year for the first time after its completion.

No. 45, Nagavaram Anicut and Supply Channel.

77. No expenditure was incurred under capital account and working expenses.

78. The area irrigated was 600 acres first crop and 243 acres second crop against 608 acres and 188 acres respectively in the previous year.

79. The net revenue amounted to Rs. 957 which is 0.87 per cent on the capital outlay against Rs. 903 or 0.82 per cent in 1922-23.

No. 46, Venkatapuram Tank.

80. No expenditure was incurred under capital account.

81. The outlay under "Extensions and Improvements" and "Maintenance and Repairs" was Rs. 50 and Rs. 396 respectively against an expenditure of Rs. 304 under the latter head in the previous year.

82. The area irrigated was 92 acres first crop against 10 acres in 1922-23. The extent irrigated in the previous year was small owing to poor supply.

83. The gross revenue and working expenses amounted to Rs. 200 and Rs. 610 respectively. There was thus a deficit of Rs. 410 or 0.11 per cent of the capital outlay against the deficit of Rs. 822 or 0.21 per cent in 1922-23.

No. 47, Kurnool-Cuddapah Canal.

84. The capital outlay during the year was Rs. 9,700. The *minus* expenditure was due to the credit afforded by the transfer of certain tramway materials to the Public Works Stores. The following works were in progress during the year:—

(i) *Chepad Project—Remodelling No. 1 Distributary.*—The outlay during the year was Rs. 1,790 and to the end of the year Rs. 4,328 against the estimate of Rs. 4,900. The work was nearing completion.

(ii) *Restoration of Mutharlapad Channel.*—The work was started during the year under an estimate of Rs. 9,550 and the outlay was Rs. 7,000.

85. The expenditure under 'Extensions and Improvements' and 'Maintenance and Repairs' was Rs. 6,687 and Rs. 79,629 respectively against Rs. 1,616 and Rs. 73,487 in 1922-23.

86. Particulars of navigation receipts and charges, ton-mileage and value of goods carried on the canal are given in Statistical Statement D-1.

87. The area irrigated was 84,710 acres first crop and 11,438 acres second crop against 84,754 acres and 11,461 acres respectively in the previous year.

88. The gross revenue and working expenses amounted to Rs. 3,49,915 and Rs. 1,28,997 against Rs. 3,43,079 and Rs. 1,72,863 respectively in 1922-23. The increase in revenue was mainly under 'Miscellaneous revenue' due to the free use of the canal water on account of the inadequate rainfall. The net revenue during the year was Rs. 2,20,918, which represents a return of 0.95 per cent on the capital outlay against 0.73 per cent in the previous year.

No. 48, Barur Tank.

89. There was no expenditure under capital account.

90. The outlay under 'Extensions and Improvements' and 'Maintenance and Repairs' was Rs. 160 and Rs. 3,999 respectively against an expenditure of Rs. 2,774 under the latter head in the previous year.

91. The area irrigated was 2,908 acres first crop and 447 acres second crop against 3,537 acres and 1,242 acres respectively in 1922-23. Large extents of wet land were left waste owing to the unfavourable character of the season.

92. The gross revenue and working expenses amounted to Rs. 4,937 and Rs. 6,196 against Rs. 19,407 and Rs. 4,860 respectively in the previous year. There was thus a deficit of Rs. 1,259 or 0.28 per cent against a net revenue of Rs. 14,547 or 3.28 per cent in 1922-23.

93. The highest flood in the Ponnai was 0.80 foot over the crest of the Nedungal anicut on 4th September 1923 against the maximum recorded flood of 11.78 feet in 1903. Owing to poor supply the area irrigated from the tank was restricted.

No. 49, Kaniyampalayam Anicut.

94. There was no capital outlay during the year, but the capital account of the system was credited with a sum of Rs. 1,605, being the cost of the tramway materials transferred to the Public Works Stores.

95. The outlay under 'Maintenance and Repairs' was Rs. 2,592.

96. An extent of 137 acres of land was brought under cultivation during the year and the water-rate charged was Rs. 1,477.

No. 50, Madras Water-supply and Irrigation System.

97. The capital outlay during the year amounted to Rs. 2,158, which was incurred on constructing three syphons across the drainage channel below the Cholavaram tank. The work was completed at a cost of Rs. 1,604 for 'Works'.

98. The outlay under 'Extensions and Improvements' and 'Maintenance and Repairs' was Rs. 3,372 and Rs. 18,659 respectively against an expenditure of Rs. 23,244 under the latter head in the previous year.

99. The area irrigated was 7,611 acres first crop and 909 acres second crop against 7,584 acres and 3,960 acres respectively in the previous year. The decrease in the area of second crop was due to the short supply received in the tanks and the strict enforcement of the rules for the regulation of water-supply from the Red Hills tank.

100. The net revenue amounted to Rs. 25,132 equivalent to a return of 1.54 per cent on the capital outlay as compared with Rs. 26,184 or 1.44 per cent in 1922-23. The miscellaneous revenue, including that from the water-supply to the town, amounted to Rs. 39,281 against Rs. 34,429 in the previous year.

No. 51, Pelandorai Anicut System.

101. No expenditure was incurred under capital account.

102. The outlay under 'Extensions and Improvements' and 'Maintenance and Repairs' amounted to Rs. 1,001 and Rs. 13,968 respectively against Rs. 913 and Rs. 9,358 in 1922-23.

103. The area irrigated was 12,400 acres first crop and 296 acres second crop against 12,823 acres and 329 acres respectively in the previous year. The extent of sugarcane cultivation was 57 acres against 132 acres in 1922-23.

104. The net revenue amounted to Rs. 30,483 which represents a return of 4.41 per cent on the capital outlay against Rs. 38,111 or 5.50 per cent in the previous year.

105. There were no floods of any importance in the Vellar owing to the failure of both the south-west and north-east monsoons. There were, however, low freshes at long intervals. The upper reach of the main channel down to the sixth mile was widened and cleared of silt so that it was possible to draw off one and a half times the normal supply during the short duration of floods.

No. 52, Panjipatti Reservoir Project.

106. A small outlay of Rs. 87 was incurred under capital account. No outlay was incurred under 'Working Expenses'.

107. The area irrigated was 15 acres first crop and 4 acres second crop against 544 acres and 82 acres respectively in 1922-23. The fall was due to insufficient supply in the reservoir.

108. The gross revenue and working expenses amounted to Rs. 922 and Rs. 27 respectively. The net revenue was thus Rs. 895 which is 0.26 per cent on the capital outlay against Rs. 2,598 or 0.76 per cent in 1922-23.

CHAPTER V—WORKS FOR WHICH CAPITAL AND REVENUE ACCOUNTS ARE KEPT.

B.—NAVIGATION, EMBANKMENT AND DRAINAGE WORKS—UNPRODUCTIVE WORKS.

No. 53, Ganjam-Gopalpur Canal.

1. The gross receipts amounted to Rs. 223 and the working expenses to Rs. 481. There was a deficit of Rs. 258 or 0.16 per cent on the capital outlay against a net revenue of Rs. 705 or 0.49 per cent in the previous year. The revenue during 1922-23 was large owing to the sale of dead casuarina trees on a large scale.

No. 54, Buckingham Canal.

2. The canal which is 262 miles long is intended solely for navigation.

3. (1) *Extensions and Improvements*.—The expenditure was Rs. 2,330 against Rs. 6,698 in the previous year.

(2) *Maintenance and Repairs*.—The outlay was Rs. 2,11,912 against Rs. 1,85,493 in the previous year and Rs. 1,93,601, the average of the triennium ending 1922-23. Heavy expenditure was incurred on the clearance of silt in the canal and in closing the breaches in the canal banks caused by the exceptionally heavy rains in 1922.

4. The 'Navigation receipts', 'Ton-mileage' and 'Number of passengers' carried compare as shown below with those of the previous year:—

	1923-24.	1922-23.
Receipts	Rs. 78,906	73,814
Ton-mileage	3,489,238	1,805,742
Value of goods	Rs. 1,52,94,141	89,62,644
Number of passengers	135,201	121,005

The rates adopted for appraising the value of goods are those used for rail borne traffic.

5. The gross receipts and working expenses are compared with those for 1922-23 and the averages of the previous triennium :—

	Average of the trien- nium ending 1922-23.	During 1922-23.	During 1923-24.
	RS.	RS.	RS.
Gross receipts ...	76,685	73,814	78,927
Working expenses ...	2,47,287	2,69,843	2,96,096
Net revenue ...	— 1,70,602	— 1,96,029	— 2,17,169

No. 55, Vedaranniyam Canal.

6. The canal is 34½ miles long. The second, third and fourth reaches are maintained by the Public Works Department and the first and fifth reaches by the Marine and Salt departments, respectively, as they are required in the interests of those departments. The gross receipts amounted to Rs. 1,050 and the working expenses to Rs. 2,307. There was thus a loss of Rs. 1,257 on the working of the canal during the year against Rs. 10,217 in the previous year. The expenditure during 1923-24 was small as a portion of the canal was transferred to the Marine and Salt departments for maintenance.

CHAPTER VI—WORKS FOR WHICH CAPITAL AND REVENUE ACCOUNTS ARE NOT KEPT.

(1) IRRIGATION WORKS.

The number of works in this class during the year was as shown below :—

	Channels.	Tanks.	Other works.	Total.
In charge of the Public Works Department.	502	2,802	30	3,334
In charge of the Revenue Department.	5,627	25,108	1,408	32,143
Total ...	6,129	27,910	1,438	35,477

2. The area irrigated by, the outlay incurred on, and the revenue derived from, works of this class are dealt with in paragraph 7 of Chapter II.

3. The subjoined statements show the details of the outlay during the year :—

(i)

Statement showing the outlay incurred in 1923-24 on "Works for which neither capital nor revenue accounts are kept—Irrigation works" (old class III works) by minor heads.

	Ordinary minor head			Old maintenance charges.	Tank restoration scheme works.	Total.
	Public Works Department.	Works in charge of Public Works officers.	Works in charge of Civil officers acting as Public Works disbursers.			
Original works	Rs. 2,23,908	Rs. 11,743	Rs. 30,833	Rs. 41,957	Rs. ..	Rs. 3,13,441
Repairs	7,81,641	2,369	42,977	2,08,038	3,14,256	13,55,581
Establishment	3,75,464	5,037	..	97,617	1,16,107	5,94,125
Tools and plant	8,495	115	..	1,826	3,546	13,982
Miscellaneous expenditure (a) ..	98,411	..	..	..	..	98,411
Total ..	14,97,319	19,264	80,810	3,49,338	4,33,909	23,80,640
Add outlay incurred by Civil officers on minor irrigation works.	..	..	..	..	..	8,46,227
Grand total ..	..	..	..	..	..	32,26,867

(a) Establishment, Rs. 94,880; tools and plant, Rs. 32; other charges, Rs. 3,490; total, Rs. 98,411.

(ii)

Statement showing by districts the expenditure incurred by Civil officers acting as Public Works disbursers during 1923-24.

Districts.	Works.	Repairs.	Total.
	RS.	RS.	RS.
South Arcot ...	4,635	4,411	9,076
North Arcot ...	4,162	6,015	10,177
Chittoor ...	2,274	226	2,500
Chingleput ...	12,557	2,901	15,458
Tinnevely ...	5,439	3,935	9,374
Ganjam ...	415	3,038	3,453
Guntur ...	1,000	..	1,000
Anantapur ...	767	..	767
Ramnad ...	8,320	3,200	11,520
Cuddapah ...	2,740	..	2,740
Trichinopoly ...	7,668	2,959	10,627
Salem ...	..	4,118	4,118
Total ...	49,977	30,833	80,810

4. The following important works were carried out during the year :—

Ganjam Division.

(1) *Improvements to the Khorosaghi Ghai of Mangalapore.*—The work was started during the year under an estimate of Rs. 17,400 and the outlay was Rupees 5,987.

Vizagapatam Division.

(2) *Constructing a masonry dam across the Chidikadagedda.*—The outlay during the year was Rs. 6,855 and to the end of the year was Rs. 7,855 against the estimate of Rs. 11,000. The work is expected to be completed in 1924-25.

Godavari Western Division.

(3) *Restoring the Jammicheruvu of Makkinarigudem.*—The work was started during the year under an estimate of Rs. 43,300 and the outlay was Rs. 1,196.

Nellore Division.

(4) *Improvements to certain irrigation sources in Raipur village.*—The work was completed at a cost of Rs. 18,177 against the estimate of Rs. 23,200.

(5) *Constructing a fish farm at the Mopad Reservoir (Estimate Rs. 15,000).*—The outlay during the year was Rs. 2,004 and to the end of the year Rs. 14,031.

Chingleput Division.

(6) *Improving the supply to the Kilianagar tank.*—The work was completed at a cost of Rs. 13,535 against the estimate of Rs. 14,570.

(7) *Improvements to the channel from sluice No. 5 of the Tenneri tank.*—The work was started during the year under an estimate of Rs. 21,383 and the outlay was Rs. 500.

South Arcot Division.

(8) *Improvements to the Pakkam tank and supply channel.*—The outlay to the end of the year was Rs. 26,336 against the estimate of Rs. 31,000. The work is expected to be completed in 1924-25.

(9) *Improvements to the Koneri-Kuppam anicut.*—The work was completed at a cost of Rs. 10,302 against the estimate of Rs. 11,340.

(10) *Improvements to the Sennasalangal odai.*—The work was started during the year under an estimate of Rs. 10,500 and the outlay was Rs. 5,676.

Coimbatore Division.

(11) *Restoration of Ukkaram tank (Estimate Rs. 22,000).*—The work was started during the year and the outlay was Rs. 12,005.

Trichinopoly Division.

(12) *Improvements to the Ponneri channel.*—The outlay during the year was Rs. 20,677 and to the end of the year Rs. 1,70,231 against the estimate of Rs. 2,22,000. The work is in progress.

(13) *Resluicing the Pugalore channel (Estimate Rs. 16,350).*—The work was started during the year and the outlay was Rs. 3,064.

(14) *Improvements to the Thottiem Chinna voikal (Estimate Rs. 29,000).*—The work was started during the year and the outlay was Rs. 1,760.

Tinnevelly Division.

(15) *Improvements to the Sengulam tank.*—The work was completed at a cost of Rs. 6,959 against the estimate of Rs. 7,100.

5. The particulars of revenue derived from the works during the year are compared below with those of the previous year :—

	1923-24.	1922-23.
	RS.	RS.
Irrigation revenue	80,73,260	99,09,718
Receipts collected by the Public Works Department.	36,691	41,574
Total	81,09,951	99,51,292

6. The net revenue of the year after meeting the charges amounted to Rs. 48,84,034 against Rs. 71,07,111 in the previous year.

7. The progress made in the investigation and execution of Tank Restoration scheme works is dealt with in paragraph 8 of Chapter II. The following table shows by districts the work done during and up to the end of the year 1923-24 :—

Circle.	Districts.	Approximate area investigated in square miles.		Number of estimates sanctioned.		Amount of estimates sanctioned.	
		During the year 1923-24.	To the end of the year.	During the year 1923-24.	To the end of the year.	During the year 1923-24.	To the end of the year.
						RS.	RS.
Waltair ..	Godavari ..	40	1,508	14	717	15,849	6,47,293
	Vizagapatam ..	188	973	19	244	10,190	2,24,608
	Kistna ..	..	300	..	69	..	51,451
Bezawada ..	Guntur ..	..	4,411	..	257	..	2,04,727
	Nellore ..	..	7,300	..	474	..	6,13,994
	Kurnool ..	..	7,643	..	340	..	3,33,862
Madras ..	Cuddapah ..	..	4,473	6	1,246	19,385	10,42,373
	Bellary ..	118	10,518	14	230	16,707	2,43,111
	Anantapur ..	..	7,811	1	759	2,190	10,09,182
	Chingleput ..	32	2,112	62	1,816	1,15,226	25,60,215
	Chittoor ..	42	4,746	20	344	4,950	4,03,645
Coimbatore ..	Coimbatore ..	..	8,097	..	149	..	3,10,079
	Salem ..	..	5,773	6	1,174	12,236	9,20,881
	North Arcot ..	22	4,487	14	1,950	27,968	22,97,798
	South Arcot ..	4	603	3	573	7,610	13,60,575
	Tanjore ..	..	1,140	..	610	..	7,94,940
Trichinopoly ..	Trichinopoly ..	280	4,194	63	486	66,128	9,17,472
	Madurai ..	..	4,835	..	1,643	..	14,59,064
	Tinnevelly ..	..	1,762	5	800	12,750	10,54,575
	Ramnad ..	..	1,643	..	..	..	..
	Total ..	726	84,335	227	13,881	2,11,189	1,64,80,145

(2) NAVIGATION, EMBANKMENT AND DRAINAGE WORKS
(OLD CLASS IV—AGRICULTURAL WORKS).

8. The receipts which were realized by the sale of plantations and produce of trees along river embankments amounted to Rs. 68,594 against Rs. 77,659 in 1922-23.

9. The expenditure incurred amounted to Rs. 7,29,440 against Rs. 6,83,656 in the previous year as shown below :—

	1923-24.	1922-23.
	RS.	RS.
Works	67,894	42,101
Repairs	4,28,926	3,93,413
Establishment	2,26,425	2,38,283
Tools and plant	6,195	9,859
Total	7,29,440	6,83,656

10. The important works carried out during the year were :—

Ganjam Division.

(1) *Reforming the left flood bank of the Bahuda river from the trunk road to Edupur limits.*—The outlay during the year was Rs. 1,016 and to the end of the year Rs. 8,642 against the estimate of Rs. 11,440.

Godavari Northern Division.

(2) *Renewing the upper lock gates of the Dumagudem head lock.*—The outlay during the year was Rs. 16,147 and to the end of the year Rs. 55,465 against the estimate of Rs. 41,000. A revised estimate was under preparation.

Godavari Eastern Division.

(3) *Fixing permanent stations in the tankas of the Godavari river.*—The expenditure during the year was Rs. 1,108 and to the end of the year Rs. 20,797 against the estimate of Rs. 21,950.

Kistna Central Division.

(4) *Improvements to the Divi left flood bank.*—The outlay during the year was Rs. 10,197 and to the end of the year Rs. 23,084 against the estimate of Rs. 62,000.

West Coast Division.

(5) *Blasting rock and clearing obstructions in the Paishwani river to make it navigable for rafts.*—The work was completed at a cost of Rs. 34,837 against the estimate of Rs. 34,900.

(6) *Reconstructing the body wall of the Vyan dam.*—The outlay during the year was Rs. 11,390 and to the end of the year Rs. 16,841 against the estimate of Rs. 21,820. The work on the main dam was completed.

Trichinopoly Division.

(7) *Improvements to the Cavvery right bank from the Pugalur channel head at 0/6 to 12/0 mile and from the Nerur channel head at 19/3 to 20/2.*—The outlay to the end of the year Rs. 52,265 against the estimate of Rs. 1,06,600. The work is in progress.

4th February 1925.

P. HAWKINS,
Chief Engineer for Irrigation.

Appendix I.

STATISTICAL STATEMENTS—(Prescribed by the Secretary of State).
A.I.—Statement of Canals in the Madras Presidency for the year 1923-24.

32

APPENDIX I.

33

	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17
Source of supply of water ..	River Nagavalli.	River Godavari.	River Krishna.	Pumping from river Krishna.	Pennar river system.	Karnool-Cuddapah canal.	Poimney ancient system.	Cheyar ancient system.	Tirukoyilur ancient system.	Shattope ancient system.	Lower Coleroon delta system.	Cauvery delta system.	Srirangapatnam ancient system.	Ganjam minor rivers system.	Muniyappa system.	Sagilem system.
Minimum discharge of river .. per sec.	19,224	260	73	..	..	126	..	..	134	136	Not known.	Not known.	..	..	..	19-20
Maximum discharge of main canals, as designed.	414	12,772	13,284	718	8,392	2,000	3,217	1,542	1,271	850	..	43,750	1,860	..	300	477
Maximum discharge during the year.	384	14,037	13,042	700	7,010	1,931	1,029	491	569	819	..	41,850	1,740	Not known	308	380
Average rainfall for the year. Inches.	50-56	51-53	30-42	32-09	32-17	20-78	32-30	50-16	35-38	45-73	..	34-73	35-04	40-90	32-57	17-89
Gross area commanded .. Acres.	49,929	1,267,200	1,850,400	100,000	258,600	383,115	42,566	29,461	64,895	108,069	158,626	1,706,023	80,000	64,000	14,471	38,575
Culturable area commanded ..	31,209	961,253	900,000	80,000	190,000	337,589	23,834	29,461	45,977	43,955	117,223	909,034	33,560	64,000	13,024	26,575
Area irrigable by complete project.	27,653	840,000	747,000	59,000	165,385	130,282	23,834	23,229	45,977	43,955	110,308	908,975	23,014	63,000	10,580	4,664
Area irrigable at present ..	23,000	791,459	756,000	40,000	147,274	123,419	22,462	22,463	39,954	34,025	107,929	909,923	23,014	59,000	10,000	4,664
Sanctioned estimate—	17,47,770	1,10,89,332	1,42,12,010	19,50,000	47,80,289	4,76,35,000	2,67,178	4,42,925	3,69,759	9,15,245	16,59,537	16,62,925	13,61,520	2,58,182	5,71,424	4,47,108
Direct charges ..	68,535	19,31,864	3,51,100	48,000	10,08,093	1,76,35,000	6,379	11,754	9,189	57,271	71,269	1,68,767	1,15,286	10,203	28,000	11,619
Indirect do. ..	2,93,217	1,11,38,052	1,28,54,716	3,23,617	22,88,418	..	..	..	..	..	..	..	7,49,977	..	..	..
Interest during construction ..	21,09,517	2,41,62,248	2,80,18,888	25,21,617	80,74,803	1,76,35,000	2,73,557	1,54,579	3,75,948	9,72,516	19,40,856	18,59,692	22,26,383	2,68,385	6,99,424	4,64,727
Total, Estimate ..	16,81,029	1,42,97,437	1,67,72,140	24,66,225	78,91,500	2,83,81,033	3,03,498	5,03,221	3,85,813	9,72,516	19,42,892	18,59,692	26,42,838	2,78,873	6,01,059	4,64,727
Expenditure to end of 1923-24—	16,81,029	1,42,97,437	1,67,72,140	24,66,225	78,91,500	2,83,81,033	3,03,498	5,03,221	3,85,813	9,72,516	19,42,892	18,59,692	26,42,838	2,78,873	6,01,059	4,64,727
Direct charges ..	42,803	20,24,583	10,89,139	59,156	10,13,686	73,256	8,766	14,442	9,641	57,277	71,335	2,14,130	1,07,603	10,743	29,751	17,619
Indirect do. ..	2,04,627	99,82,397	98,15,269	3,09,819	25,34,125	..	..	..	..	..	..	19,37,765	8,67,827	..	..	..
Interest during construction ..	19,27,859	2,83,04,417	2,64,76,548	28,25,510	53,25,759	2,83,81,033	3,03,498	5,03,221	3,85,813	9,72,516	19,42,892	18,59,692	26,42,838	2,78,873	6,01,059	4,64,727
Total, Expenditure ..	23	511	349	50	304	477	55	49	80	38	194	1,507	28	119	264	12
Works as now sanctioned—	23	511	349	50	304	477	55	49	80	38	194	1,507	28	119	264	12
Main canals, irrigation .. Miles.	101	1,995	2,185	120	477	73,256	8,766	14,442	9,641	57,277	71,335	2,14,130	1,07,603	10,743	29,751	17,619
Branch canals do. ..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Distributaries ..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Of above—	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Works completed at end of 1923-24—	23	511	349	50	304	477	55	49	80	38	194	1,507	28	119	264	12
Main canals, irrigation .. Miles.	101	1,995	2,185	120	477	73,256	8,766	14,442	9,641	57,277	71,335	2,14,130	1,07,603	10,743	29,751	17,619
Branch canals do. ..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Distributaries ..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Of above—	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Works completed at end of 1923-24—	20	481	354	156	51	8	7	17	15	31	29	71	..	262	344	314
Main canals, irrigation .. Miles.	31	354	354	156	51	8	7	17	15	31	29	71	..	262	344	314
Branch canals do. ..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Distributaries ..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Of above—	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Works completed at end of 1923-24—	20	481	354	156	51	8	7	17	15	31	29	71	..	262	344	314
Main canals, irrigation .. Miles.	31	354	354	156	51	8	7	17	15	31	29	71	..	262	344	314
Branch canals do. ..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Distributaries ..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Of above—	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..

* Represent interest charges up to the date of closure of construction estimates of the works—vide Government of India orders communicated with their Endorsement No. 1308 I., dated 6th August 1907.

APPENDIX I

A.I.—Statement of Canals in the Madras Presidency for the year 1923-24—cont.

	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32
Source of supply of water ..	River Bhavani.	River Bhavani.	River Bhavani.	River Palar.	River Kortayar.	River Manimuk-tanadi.	River Manimuk-tanadi.	River Vellar.	River Nandiyar.	River Tambraparni.	Gunja-neru.	Ganjam-Copalpur canal.	Buckingham canal.	Veda-muniyappa canal.	Toludur project.
Minimum discharge of river .. c. ft. per sec.	..	..	..	..	..	163	17	208	267	1,098-31	77-08	..	..	..	..
Maximum discharge of main canals, as designed.	552	725	893	5,631	113	263	351	740	566	834	33-63	..	..	..	2,430
Maximum discharge during the year.	942	1,651	1,157	3,028	35-56	169	351	475	40-48	41-95	7-7	..	..	..	..
Average rainfall for the year. Inches.	21-23	21-23	17-21	47-39	31-24	22-70	32-14	34-79	40-48	41-95	7-7	..	..	..	23-3
Gross area commanded .. Acres.	6,000	13,125	15,875	141,031	10,124	13,792	19,993	60,670	9,480	35,840	894	..	..	..	26,551
Culturable area commanded ..	6,000	13,125	15,875	141,031	10,124	13,792	19,993	60,670	9,480	35,840	894	..	..	..	25,000
Area irrigable by complete project.	6,000	13,125	15,875	141,031	10,124	13,792	19,993	60,670	9,480	35,840	894	..	..	..	25,000
Area irrigable at present ..	4,750	15,000	12,000	78,668	5,216	4,656	5,829	12,837	6,619	17,920	894	..	..	..	6,875
Sanctioned estimate—	1,47,006	1,70,380	1,78,780	23,28,492	74,535	70,761	84,191	6,42,823	63,231	50,541	1,07,295	1,43,100	85,56,015	1,32,692	29,60,000
Direct charges ..	3,676	11,050	4,506	1,15,752	1,666	1,897	2,494	47,809	2,484	1,256	9,195	12,838	4,86,256	3,733	2,50,000
Indirect do. ..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Interest during construction ..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Total, Estimate ..	1,50,682	1,81,430	1,83,286	24,45,244	76,201	72,658	86,685	6,90,623	65,715	51,806	1,09,890	1,55,493	90,44,271	1,36,432	22,10,000
Expenditure to end of 1923-24—	1,40,789	1,64,755	1,75,980	23,39,544	74,365	73,372	84,191	6,42,823	63,231	50,541	1,07,295	1,43,100	85,56,071	1,32,692	23,39,438
Direct charges ..	3,676	11,050	4,506	1,17,105	1,915	2,009	2,494	48,747	2,484	1,256	9,195	12,838	4,86,256	3,733	2,49,181
Indirect do. ..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Interest during construction ..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Total, Expenditure ..	1,44,445	1,75,805	1,80,486	24,56,649	76,282	75,381	86,685	6,92,017	65,715	51,806	1,09,890	1,55,493	90,56,326	1,36,432	26,88,619
Works as now sanctioned—	20	481	354	156	51	8	7	15	31	29	71	..	262	344	314
Main canals, irrigation .. Miles.	31	354	354	156	51	8	7	15	31	29	71	..	262	344	314
Branch canals do. ..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Distributaries ..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Of above—	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Works completed at end of 1923-24—	20	481	354	156	51	8	7	15	31	29	71	..	262	344	314
Main canals, irrigation .. Miles.	31	354	354	156	51	8	7	15	31	29	71	..	262	344	314
Branch canals do. ..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Distributaries ..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Of above—	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..

* Represent interest charges up to date of closure of construction estimates of the works.

A-II.—Statement of Reservoir Projects in the Madras Presidency for the year 1923-24.

Source of supply of water	Barur tank.	Periyar system.	Rushikulya system.	Janga-maheswara-puram tank.	Atmakur tank.	Dondapad tank.	Piddanaidu tank of Chinnarasopalem.	Hajipuram tank.	Ponnalar tank.	Anamasam-dram tank.	Year tank.
	2	3	4	5	6	7	8	9	10	11	12
Source of supply of water	Ponnalar river and local rains.	Periyar and Vaigai rivers.	Mahanadi and Rushikulya rivers.	Catchment of Dondi vagn.	Catchment of Chander-vanka and Kohguntla vagns.	Rainfall ..	Rainfall ..	Domaluru diverted into the tank.	Judaluru diverted into the tank.	Benaru river.	Rainfall and surplus of upper tanks and also spill from Challa-kalva branch of Swarnamuki
If supplied by Average rainfall during the year.	2,082	239	1,750	60	105	56	26-64	300	39-14	23-62	60-6
Contents of tank between levels of surface of full supply and sill of canal head sluice.	313-33	80-09	48-87	27-81	25-48	25-88	..	24-87	33-09	29-58	84-18
Area of surface at full supply	688	7,167	4,948	619	575	705	301	1,600	719	474	3,285
Gross area commanded	6,887	708,000	230,880	960	1,700	3,210	784	2,900	1,973	1,000	1,236
Culturable area commanded	6,887	Not known	142,000	960	1,160	2,880	726	2,900	1,973	1,000	1,236
Area irrigable by complete project	6,887	143,000	120,000	960	1,160	1,930	726	1,420	1,000	1,000	1,236
Do. at present	6,887	143,000	108,000	960	1,160	1,930	210	700	1,000	981	1,143
Wells supplied by tanks	..	..	..	..	..	..	..	..	..	..	..
Sanctioned estimate—	..	..	..	..	..	..	..	..	..	..	..
Direct charges	4,00,000	84,71,000	45,53,000	61,253	1,09,951	1,24,786	68,224	2,78,774	1,90,887	71,887	61,741
Indirect do.	25,800	2,79,000	3,92,820	10,411	13,428	15,218	20,726	33,109	25,011	1,886	1,612
Interest during construction	41,439	16,23,606	14,91,004	..	..	..	..	..	..	..	..
Total, Estimate	4,66,739	1,03,73,606	64,36,824	71,664	1,23,379	1,40,004	88,960	3,11,883	2,16,898	73,773	63,353
Expenditure to end of 1923-24—	..	..	..	..	..	..	..	..	..	..	..
Direct charges	4,19,375	1,03,33,681	47,31,245	61,253	1,09,951	1,24,786	62,008	2,78,774	1,90,997	71,887	61,741
Indirect do.	23,738	3,69,847	4,16,571	10,411	13,428	15,218	1,397	33,109	25,579	1,886	1,612
Interest during construction	..	16,00,402	16,69,801	..	..	..	..	..	..	..	..
Total, Expenditure	4,43,113	1,23,39,930	68,16,417	71,664	1,23,379	1,40,004	63,496	3,11,883	2,16,576	73,773	63,353
Works as now sanctioned—	..	..	..	..	..	..	..	..	..	..	..
Dam (earth or masonry) total height	28 (earth)	173 (earth)	{ (a) 57-7 (b) 44-0 (earth)	24 (partly earth and partly masonry).	23 (partly earth and partly masonry).	22 (partly earth and partly masonry).	..	6 (masonry).	21½	..	..
Canals	..	..	..	..	..	..	..	..	..	..	..
Distributaries	11	145	80	24	23	22	2½	.. 7½	.. 9½	.. 2½	..
Works completed to end of 1923-24—	26	106	225	5½	4½	6½	..	..	..	..	..
Dam (height completed)	28	173	{ (a) 57-7 (b) 44-0	24	33	22	..	6	21½	..	..
Canals	11	145	80	..	..	..	..	..	..	..	..
Distributaries	26	106	151	5½	4½	6½	..	.. 4½	.. 7	.. 2½	..

* Represent interest charges up to date of closure of construction estimates of the works.

(a) Russellkonda reservoir.

(b) Surada reservoir.

APPENDIX I

APPENDIX I

A-II.—Statement of Reservoir Projects in the Madras Presidency for the year 1923-24—cont.

Source of supply of water	Cumbum tank.	Markapur tank.	Madras water-supply and irrigation system.	Cheruvu tank.	Bhavanasi tank.	Yellanur tank.	Kocheruvu tank.	Venkata-puram tank.	Siddapur tank.	Panjapatti project.	Mopad tank.
	13	14	15	16	17	18	19	20	21	22	23
Source of supply of water	Gundla-kamma and Jampeluru rivers.	Gundla-kamma river.	Kortalyar river.	Coom river.	Rainfall	Catchment basin and supply from Chitravati river.	Free catchment.	Free basin and supply from Dhone vagn.	Bhavanasi and other vagn.	Drainage basin.	Manneru river.
If supplied by Average rainfall during the year.	480	270-25	34	100	43	20-5	63-25	51	45	108-00	250
Contents of tank between levels of surface of full supply and sill of canal head sluice.	18-69	21-18	34-52	35-09	24-70	9-0	12-02	10-69	38-56	19-12	24-87
Area of surface at full supply	5,697	811	5,351	5,729	650	2,617	422	448	1,126	650	3,100
Gross area commanded	7,860	1,931	16,129	32,564	2,700	1,707	1,026	1,700	2,800	900	13,890
Culturable area commanded	6,000	1,701	10,165	24,478	2,448	1,641	1,026	1,700	2,800	900	13,890
Area irrigable by complete project	6,000	1,701	9,852	18,000	841	1,442	1,026	1,700	2,800	900	12,500
Do. at present	5,980	1,583	9,852	18,000	841	1,442	1,48	215	800	300	12,500
Wells supplied by tanks	..	..	..	..	..	..	..	..	..	..	..
Sanctioned estimate—	..	..	..	..	..	..	..	..	..	..	..
Direct charges	83,985	1,16,657	15,47,123	6,48,970	2,02,289	2,35,771	1,22,800	3,31,776	9,21,986	3,36,090	21,97,000
Indirect do.	2,388	4,001	2,36,945	1,12,547	6,711	30,989	8,706	14,824	26,620	68,510	1,00,000
Interest during construction	..	..	..	..	47,173	..	..	..	..	..	..
Total, Estimate	86,373	1,20,658	17,80,068	7,61,517	2,56,173	2,66,800	1,31,500	3,46,600	9,48,600	4,04,600	22,97,000
Expenditure to end of 1923-24—	..	..	..	..	..	..	..	..	..	..	..
Direct charges	83,985	1,16,657	15,81,614	6,51,348	2,49,450	2,39,192	1,24,606	3,72,260	7,91,038	3,47,696	21,93,276
Indirect do.	2,388	4,001	2,36,658	1,12,795	10,808	30,515	11,129	12,671	13,448	11,492	96,422
Interest during construction	..	..	..	..	29,806	..	..	71,315	..	..	..
Total, Expenditure	86,373	1,20,658	18,21,272	7,64,143	2,90,114	2,69,707	1,35,734	4,66,236	8,04,486	3,59,188	22,89,697
Works as now sanctioned—	..	..	..	..	..	..	..	..	..	..	..
Dam (earth or masonry) total height	66 (earth)	22 (earth)	30 (earth)	25 (earth)	20 (earth)	15	33	31	27-5	40 (core wall)	71½ (earth)
Canals	..	..	..	..	..	..	..	..	..	..	..
Distributaries	26½	7½	11½	10½	6½	.. 3½	.. 1½	8½	6½	.. 5	16½
Works completed to end of 1923-24—	..	..	..	..	..	..	..	..	..	..	..
Dam (height completed)	66	22	30	25	20	15	33	31	27-5	40 (core wall)	71½
Canals	..	..	..	..	..	..	..	..	..	..	..
Distributaries	26½	7½	11½	10½	6½	.. 3½	.. 1½	8½	6½	.. 1½	16½

22/30455

B-1.—Capital Accounts of Irrigation, Navigation, Embankment and Drainage Works classed as Productive and Unproductive, for which Capital and Revenue Accounts are kept in the Madras Presidency for and to end of 1923-24.

Works or systems.	Direct charges (net expenditure).						Indirect charges.	Total excluding interest.	Simple interest.
	Works.	Establishment		Tools and plant.	Receipts on capital account.	Total.			
		Rs.	Rs.				Rs.	Rs.	Rs.
1	2	3	4	5	6	7	8	9	
IRRIGATION WORKS.									
A. PRODUCTIVE WORKS.									
Ganjam minor river system	2,18,130	45,826	237	..	2,64,193	10,521	2,74,714	2,29,883	
To end of previous year ..	2,472	1,408	57	..	3,937	234	4,169	9,939	
During the year ..	1,05,36,894	26,38,866	9,36,250	1,554	1,41,10,255	20,15,181	1,61,25,436	2,45,25,977	
Godavari delta system	1,27,764	38,633	1,395	..	1,87,182	6,492	1,93,674	5,01,652	
To end of previous year ..	1,22,42,932	27,93,313	7,61,010	18,540	1,67,18,715	10,86,032	1,78,04,747	2,56,35,043	
During the year ..	37,132	16,306	347	360	53,425	3,047	56,472	6,35,141	
Kistna do.	11,13,274	2,36,101	6,73,812	490	20,22,697	37,687	20,60,384	10,33,141	
To end of previous year ..	2,99,503	1,31,526	2,769	..	4,33,828	21,479	4,55,307	89,497	
During the year ..	45,25,683	9,60,704	1,44,275	2,858	57,27,804	10,13,931	67,41,735	84,50,982	
Pennar river canals system	759	338	7	..	1,114	55	1,169	1,91,321	
To end of previous year ..	1,14,505	26,264	..	..	1,40,769	3,676	1,44,445	2,33,967	
During the year ..	1,3,320	29,655	..	..	1,64,765	11,050	1,75,805	4,681	
Arunkotta channel	1,43,789	32,191	..	..	1,75,980	4,505	1,80,485	1,97,056	
Thadapalli do.	18,43,098	4,67,188	29,830	567	23,39,649	1,17,105	24,56,754	42,56,776	
Kalingarayan do.	5,14,255	1,28,968	8,249	105	6,51,348	1,12,795	7,64,143	78,185	
Palar anicut system	60,662	13,579	25	..	74,266	1,916	76,282	12,16,156	
Chenbarabakkam tank	2,33,631	60,337	259	..	2,94,227	8,774	3,03,001	21,944	
Valluru anicut system	343	128	6	..	476	21	497	1,33,047	
Polney do.	3,78,711	91,605	153	50	4,70,419	13,664	4,84,083	2,727	
Cheyeru do.	12,535	4,888	167	..	17,560	778	18,338	4,76,156	
Tirukkoyilar anicut system	3,05,566	67,843	24	..	3,76,172	9,641	3,85,813	21,944	
To end of previous year ..	8,10,490	1,04,760	115	..	9,15,365	57,277	9,72,642	1,33,047	
During the year ..	14,73,469	4,21,705	3,04,393	6,879	21,02,688	2,41,683	23,43,771	2,727	
Shatiatope do.	1,06,423	39,633	1,336	642	1,46,760	8,998	1,55,758	4,76,156	
Toludur project	59,374	13,900	8	..	73,272	2,009	75,281	1,33,047	
Mehamattur anicut system	..	..	..	..	..	..	..	1,33,047	
To end of previous year ..	..	..	..	..	..	..	..	1,33,047	
During the year ..	..	..	..	..	..	..	..	2,727	

APPENDIX I.

B-1.—Capital Accounts of Irrigation, Navigation, Embankment and Drainage Works classed as Productive and Unproductive, for which Capital and Revenue Accounts are kept in the Madras Presidency for and to end of 1923-24—cont.

Works or systems.	Direct charges (net expenditure).						Indirect charges.	Total excluding interest.	Simple interest.
	Works.	Establishment.	Tools and plant.	Deduct receipts on capital account.	Total.				
					2	3	4	5	6
1	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.
A. IRRIGATION WORKS—cont.									
1. PRODUCTIVE WORKS—cont.									
Vridhachalam anicut system ..	68,616	15,575	..	..	84,191	2,494	86,685	1,24,236	2,799
To end of previous year ..	15,48,415	3,69,063	14,079	..	18,71,557	71,355	19,42,892	21,93,257	62,280
During the year ..	36,68,289	8,09,582	98,875	1,985	45,74,761	2,08,181	47,82,942	50,90,105	1,66,225
Lower Coleroon anicut system ..	95,142	36,689	421	..	1,31,252	5,949	1,37,201	1,66,225	57,672
To end of previous year ..	51,476	11,765	..	..	63,241	2,454	65,695	65,715	2,140
During the year ..	79,16,035	16,52,336	7,66,838	17,936	1,03,17,823	3,67,746	1,06,85,569	1,08,66,202	1,08,66,202
Cauvery delta system ..	35,605	12,605	148	..	48,358	2,101	48,459	3,44,989	27,27,146
To end of previous year ..	13,22,339	3,33,082	10,789	369	16,66,441	1,07,559	17,74,000	27,27,146	56,945
During the year ..	701	263	3	..	967	44	1,011	72,080	1,680
Nandiyar channel system ..	41,500	9,041	..	..	50,541	1,265	51,806	..	..
To end of previous year ..	..	..	..	..	..	..	..	..	..
During the year ..	..	..	..	..	..	..	..	..	..
Periyar system ..	..	..	..	..	..	..	..	..	..
To end of previous year ..	4,91,29,892	1,12,72,898	36,89,371	51,342	6,43,40,819	55,07,072	6,98,48,491	8,70,14,671	22,58,306
During the year ..	7,16,379	3,00,697	6,676	1,107	10,22,544	51,196	10,73,740	..	..
Srivalankuntam anicut system ..	..	..	..	..	..	..	..	..	..
To end of previous year ..	38,42,260	8,17,994	1,28,063	65,853	47,22,404	4,14,776	51,37,210	52,74,486	1,68,420
During the year ..	6,614	3,141	126	..	8,781	495	9,276	8,13,849	56,861
Nagaravalli river system ..	13,18,678	2,68,591	98,219	3,396	16,77,090	42,681	17,19,771	5,29,387	18,383
To end of previous year ..	2,473	1,409	57	..	3,939	292	4,161	29,902	41,081
During the year ..	4,63,179	1,03,806	3,713	1,732	5,68,966	29,638	5,98,602	1,32,828	4,149
Muniyera system ..	1,617	710	15	..	2,342	115	2,457	18,888	29,902
To end of previous year ..	52,319	9,779	..	..	62,098	1,397	63,495	41,081	2,089
During the year ..	..	..	..	..	..	..	..	70,428	3,056
Peddinaidu tank of Chennaraopalem ..	52,664	8,689	..	..	61,353	10,411	71,764	1,23,379	1,40,004
To end of previous year ..	91,202	16,749	..	..	1,07,951	13,428	1,21,379	1,40,004	1,32,828
During the year ..	1,05,848	18,945	..	..	1,24,796	15,218	1,40,004	2,60,308	69,612
Jan gameeshwarapuram tank ..	..	..	..	..	..	..	..	..	9,968
To end of previous year ..	1,82,434	41,653	25,660	297	2,49,460	10,868	2,60,308	..	..
During the year ..	..	..	..	..	..	..	..	..	..
Atmakur tank ..	..	..	..	..	..	..	..	..	..
To end of previous year ..	..	..	..	..	..	..	..	..	..
During the year ..	..	..	..	..	..	..	..	..	..
Pondapad tank ..	..	..	..	..	..	..	..	..	..
To end of previous year ..	..	..	..	..	..	..	..	..	..
During the year ..	..	..	..	..	..	..	..	..	..
Bharanasani tank ..	..	..	..	..	..	..	..	..	..

APPENDIX I.

C.I.—Statement showing the financial results of Irrigation, Navigation, Embankment and Drainage works (classified as 'Productive' and 'Unproductive') for which Capital and Revenue Accounts are kept in the Madras Presidency for the year ending 1923-24.

Works or systems.		Revenue (actual receipts).										Working expenses.			
		Revenue management.										Revenue management.			
Irrigation.		Navigation.		Plantation.	Miscellaneous.	Total.	Less refunds of revenue.	Gross revenue less refunds.	Deduct share of old irrigation revenue.	Total revenue due to improvements.	Revenue management.				
Irrigation revenue.	Share of land revenue.	Total.	Navigation.								Plantation.	Miscellaneous.	Total.	Less refunds of revenue.	Gross revenue less refunds.
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
A. Irrigation Works.															
1. Productive works—															
1. Ganjam minor river system.	1,57,591	7,339	1,64,930	..	..	122	1,65,052	..	1,65,052	95,000	70,052	..	..	3,496	3,496
2. Godavari delta system ..	40,00,772	1,92,215	41,92,987	1,18,660	17,283	52,851	43,81,681	736	43,81,145	1,24,000	42,57,145	..	..	2,03,272	2,03,272
3. Krishna do.	37,21,152	1,35,582	38,56,734	81,643	4,680	55,165	39,08,522	401	39,08,121	71,000	38,37,121	..	..	1,88,295	1,88,295
4. Divi pumping system ..	1,67,025	63,852	2,30,887	..	70	2,045	2,30,957	20	2,30,937	20,300	2,02,637	..	..	7,648	7,648
5. Pennar river canal system.	7,47,265	60,607	8,07,872	..	..	3,007	8,10,779	454	8,10,325	2,55,000	5,55,325	..	..	26,918	26,918
6. Arhenkotta channel ..	36,975	410	37,385	..	..	411	37,796	..	37,796	19,000	18,796	..	..	919	919
7. Thadapalli do.	1,35,275	2,900	1,38,175	..	..	1,724	1,39,899	..	1,39,899	78,000	61,899	..	..	3,109	3,109
8. Kelugayam channel ..	1,34,103	483	1,34,586	..	..	2,218	1,36,806	..	1,36,806	85,000	51,806	..	..	2,479	2,479
9. Palar ancient system ..	2,21,021	16,815	2,37,836	..	1,450	539	2,39,825	..	2,39,825	1,25,000	1,14,825	..	..	5,691	5,691
10. Chembra-kham tank ..	68,353	908	69,261	..	..	1,078	70,339	..	70,339	16,000	54,339	..	..	2,563	2,563
11. Vallur ancient system ..	8,368	1,074	9,442	..	..	178	9,620	..	9,620	5,000	4,620	..	..	230	230
12. Ponnay do.	37,196	5,461	42,657	..	200	100	42,957	..	42,957	38,000	4,957	..	..	2,643	2,643
13. Cheyyare do.	88,560	3,352	91,912	..	972	412	93,294	..	93,296	29,000	64,296	..	..	3,851	3,851
14. Tirukoyilar ancient system.	1,33,654	3,382	1,37,036	..	2,079	174	1,39,289	..	1,39,289	60,000	79,289	..	..	7,317	7,317
15. Shattatope ancient system.	1,51,706	15,209	1,66,915	..	817	512	1,67,674	..	1,67,674	20,000	1,47,674	..	..	1,968	1,968
16. Toludur project ..	25,304	..	25,304	..	..	71	25,375	..	25,375	4,000	21,375	..	..	1,572	1,572
17. Mahamatur ancient system.	39,644	294	39,938	..	167	111	40,210	..	40,210	8,500	31,710	..	..	21,594	21,594
18. Vridhachalam ancient system.	5,35,371	51,510	5,86,881	..	3,426	1,938	5,92,245	125	5,92,120	1,55,000	4,37,120	..	..	92,032	92,032
19. Lower Coleroon ancient system.	51,22,573	1,18,072	52,40,645	..	9,822	7,853	52,58,120	542	52,57,578	34,00,000	18,57,578	..	..	274	274
20. Nandiyar delta system ..	22,432	54	22,486	..	296	..	22,782	..	22,782	17,000	5,782	..	..	39,848	39,848
21. Nandiyar channel system ..	9,89,127	60,853	10,49,980	..	3,173	11,722	10,65,341	55	10,65,286	2,04,000	8,61,286	..	..	7,197	7,197
22. Periyar system ..	2,21,450	1,490	2,22,940	..	4,097	2,329	2,23,366	55	2,23,311	79,000	1,50,311	..	..	4,939	4,939
23. Srivakuntam ancient system.	2,13,498	270	2,13,768	..	775	443	2,14,986	25	2,14,961	1,15,000	99,961	..	..	6,26,929	6,26,929
24. Marudur ancient system ..	1,69,72,887	7,32,663	1,77,04,950	2,00,769	49,634	1,45,012	1,81,00,365	2,425	1,80,97,940	50,31,800	1,30,66,140	..	..	..	..
Total, A. Irrigation—1. Productive works.															

APPENDIX I.

C.I.—Statement showing the financial results of Irrigation, Navigation, Embankment and Drainage works (classified as 'Productive' and 'Unproductive') for which Capital and Revenue Accounts are kept in the Madras Presidency for the year ending 1923-24—cont.

Working expenses—cont.																
Maintenance of works.										Grand total of working expenses.				Total working expenses on improvements.		Net revenue.
Establishment.			Works.		Repairs.	Tools and plant.	Deduct recoveries or expenditure.	Plantation.	Total cost of maintenance.	Indirect charges.	Deduct old maintenance charges.		Total.	Total.	Due to improvements.	Total.
Direction.	Execution.	Total.	Rs.	Rs.							Rs.	Rs.				
17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33
A. IRRIGATION WORKS.																
1. Productive works—																
1. Ganjam minor river system.	3,616	14,464	18,080	1,598	30,142	728	162	50,386	3,110	56,942	7,414	418	7,832	49,160	1,08,060	20,892
2. Godavari delta system.	46,578	1,86,312	2,32,890	12,386	4,20,747	8,492	332	6,74,183	36,936	9,14,391	..	..	..	9,14,391	34,46,754	33,42,754
3. Krishna do.	28,471	1,13,855	1,42,356	13,711	3,10,454	3,030	186	4,69,365	23,523	6,81,183	..	..	..	6,81,183	33,16,138	32,45,938
4. Divi pumping system.	9,210	36,341	45,551	1,288	1,03,578	980	..	1,51,897	7,496	1,67,041	17,642	871	18,513	1,48,528	1,55,942	54,155
5. Pennar river canal system.	8,057	32,229	40,286	2,103	59,685	857	..	1,32,581	6,557	1,66,356	42,952	2,119	45,071	1,21,285	6,43,952	4,33,030
6. Arunkota channel.	217	986	1,233	571	2,739	42	..	4,585	206	5,710	1,237	56	1,293	4,417	32,086	14,879
7. Thadapalli do.	746	2,985	3,731	394	9,624	126	..	13,876	622	17,608	4,943	292	5,165	12,441	1,22,299	51,458
8. Kalingarayan channel.	635	2,541	3,176	18	8,510	107	..	11,811	535	13,820	5,529	248	5,777	9,043	1,21,986	42,763
9. Palar ancient system.	2,965	11,942	14,927	5,536	38,149	480	..	59,031	2,527	77,269	4,276	192	4,468	62,741	1,73,616	52,084
10. Chembra-kham tank.	387	1,560	1,937	..	6,755	55	260	8,487	339	11,489	6,966	270	7,236	4,453	58,850	50,986
11. Vallur ancient system.	103	409	512	20	1,757	15	..	2,314	90	2,378	1,688	66	1,754	624	2,328	918
12. Periyar do.	1,174	4,696	5,870	2,457	13,306	198	..	21,831	980	23,041	4,325	104	4,519	18,522	19,916	13,666
13. Cheyyera do.	1,990	7,962	9,952	5,744	20,979	335	..	37,010	1,660	41,313	4,440	139	4,639	36,674	51,983	17,622
14. Tirukoyilar ancient system.	1,271	5,082	6,353	2,776	14,252	214	..	23,625	1,059	28,635	6,830	306	7,136	21,499	1,09,734	57,870
15. Shattatope ancient system.	1,565	6,260	7,825	2,521	18,490	264	..	29,100	1,306	37,723	2,777	102	2,879	35,844	1,99,951	1,12,330
16. Toludur project.	141	565	706	1,895	..	24	..	2,625	118	2,743	..	39	..	2,743	..	2,743
17. Mahamatur ancient system.	329	1,315	1,644	450	3,964	55	..	6,113	274	7,455	..	..	..	6,535	18,060	14,970
18. Vridhachalam ancient system.	360	1,441	1,501	502	4,335	61	..	6,699	300	8,571	..	..	..	8,571	31,045	23,145
19. Lower Coleroon ancient system.	9,088	36,350	45,438	11,796	1,09,667	908	48	1,67,761	7,576	1,96,831	10,043	455	10,498	1,86,433	3,95,189	2,50,687
20. Cauvery delta system.	39,673	1,58,690	1,98,363	1,06,197	4,22,620	2,338	..	7,99,518	33,059	8,54,609	1,45,725	6,008	1,62,328	7,92,281	44,02,466	11,56,597
21. Nandiyar channel system.	521	2,065	2,606	..	6,948	31	..	9,585	434	10,293	4,424	200	4,624	5,669	12,482	113
22. Periyar system.	9,917	39,669	49,586	9,773	1,22,419	585	..	1,82,363	8,317	2,30,528	36,725	1,619	37,344	1,93,184	8,34,757	6,68,101
23. Srivaikuntam ancient system.	5,442	21,765	27,207	15,687	56,843	321	..	1,00,058	4,556	1,11,790	7,570	348	8,018	1,03,772	1,17,521	45,559
24. Marudur ancient system.	1,052	4,208	5,260	354	13,668	62	..	19,344	876	25,159	6,484	294	6,778	18,381	1,89,80	81,579
Total, A. Irrigation—1. Productive works.																

APPENDIX I.

C-I.—Statement showing the financial results of Irrigation, Navigation, Embankment and Drainage Works (classified as 'Productive' and 'Unproductive') for which Capital and Revenue Accounts are kept in the Madras Presidency for the year ending 1923-24—cont.

Works or systems.	Revenue (actual receipts).										Working expenses.					
	Irrigation.					Navigation.					Revenue management.					
	Irrigation revenue.	Share of land revenue.	Total.	Navi- gation.	Plan- tation.	Miscel- lanous.	Total.	Less refunds of revenue.	Gross revenue less refunds.	Deduct share of old irrigation revenue.	Total revenue due to improve- ments.	Establishment.			Total revenue manage- ment.	
												Direction.	Execution.	Civil officers.		
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	
A. IRRIGATION WORKS—cont.																
2. Unproductive works—																
1. Rushikulya system ..	2,31,562	4,605	2,36,167	..	..	3,074	2,40,141	..	2,40,141	67,000	1,73,141	..	..	8,306	8,396	
2. Nagavalli river system ..	1,02,553	12,476	1,15,029	..	..	617	1,15,646	..	1,15,646	37,400	79,186	..	..	3,313	3,313	
3. Maniyeru system ..	28,438	60	28,498	..	..	1,125	29,623	..	29,623	2,500	27,123	..	..	1,300	1,300	
4. Peddimala tank of Chinnarasapalem ..	544	..	544	..	..	1,720	2,264	120	2,144	..	2,144	..	..	27	27	
5. Jangameswarapuram tank ..	1,672	..	1,672	..	..	..	1,672	..	1,672	500	1,172	..	..	59	59	
6. Attukur tank ..	1,766	..	1,766	..	..	2	1,768	..	1,768	..	1,768	..	..	88	88	
7. Dondapad tank ..	686	3	689	..	..	..	683	..	683	..	683	..	..	34	34	
8. Bhavanasi tank project ..	5,109	..	5,109	..	..	..	5,109	..	5,109	..	5,109	..	..	255	255	
9. Mopad project ..	19,714	3,442	23,156	..	..	650	23,806	..	23,806	433	23,373	..	..	964	964	
10. Halpuram tank ..	3,575	15	3,590	..	..	1,006	4,596	..	4,596	..	4,596	..	..	180	180	
11. Ponnalur tank ..	2,740	..	2,740	..	..	..	2,740	..	2,740	3,860	2,740	..	..	137	137	
12. Anamasumudram-Biraperu tank ..	1,728	1	1,729	..	..	..	1,724	..	1,724	..	1,876	..	..	94	—	
13. Yerru tank ..	571	64	635	..	..	..	635	..	635	425	210	..	..	10	10	
14. Vannala tank ..	17,324	..	17,324	..	..	37	17,366	..	17,366	17,800	435	..	..	23	23	
15. Sagileru tank ..	39,542	461	40,003	..	..	..	40,003	..	40,003	30,000	10,003	..	..	500	500	
16. Tadupulavanka tank ..	6,400	1	6,401	..	..	24	6,425	..	6,425	2,130	4,295	..	..	214	214	
17. Cumbum tank ..	1,988	481	2,469	..	..	..	2,469	..	2,469	..	2,469	..	..	99	99	
18. Markapur tank ..	682	..	682	..	..	..	682	..	682	980	288	..	..	15	15	
19. Yellatur tank ..	2,172	..	2,172	..	..	..	2,172	..	2,172	..	2,172	..	..	109	109	
20. Koheruva tank ..	3,263	..	3,263	..	..	..	3,263	..	3,263	2,256	1,007	..	..	50	50	
21. Siddapur tank ..	364	..	364	..	..	..	364	..	364	164	200	..	..	10	10	
22. Nagavaram anicut and supply channel ..	3,718,888	1,990	3,720,878	1,245	..	10,752	3,85,855	68	3,85,787	35,872	3,49,915	..	..	16,889	16,889	
23. Venkatapuram tank ..	7,998	471	8,469	..	..	1,025	9,494	57	9,437	4,500	4,937	..	..	177	177	
24. Kurmool-Cuddapah canal ..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	
25. Barur tank ..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	
26. Kaniyampalayam anicut ..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	
27. Madras water-supply and irrigation system ..	23,372	482	23,854	..	175	39,381	63,290	..	63,290	11,000	52,290	..	..	642	642	
28. Pedandurai anicut system ..	56,853	75	56,928	..	294	452	57,076	..	57,076	3,000	54,076	..	..	2,697	2,697	
29. Panjampatti reservoir project ..	541	38	579	..	..	..	579	..	579	..	579	..	..	27	27	
Total, A. Irrigation—2. Unproductive works ..	9,33,024	25,992	9,59,016	1,245	468	60,591	10,21,324	245	10,21,079	2,19,560	8,01,519	..	..	36,046	36,046	
Total, A. Irrigation works ..	1,79,05,911	7,53,055	1,86,58,966	2,02,014	50,103	2,06,506	1,91,21,689	4,670	1,91,19,019	52,51,360	1,38,67,659	..	..	6,62,974	6,62,974	

C-I.—Statement showing the financial results of Irrigation, Navigation, Embankment and Drainage Works (classified as 'Productive' and 'Unproductive') for which Capital and Revenue Accounts are kept in the Madras Presidency for the year ending 1923-24—cont.

Works or systems.	Maintenance of works.										Working expenses - cont.				Total working expenses on improvements.	Net revenue.																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																					
	Establishment.			Works.	Repairs.	Tools and plant.	Reduced recoveries of expenditure.	Plantation.	Total cost of maintenance.	Indirect charges.	Grand total of working expenses.	Deduct old maintenance charges.		Total.		Due to improvements.																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																					
	Direction.	Execution.	Total.									Direct charges.	Indirect charges.																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																								
																	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																				
A. IRRIGATION WORKS—cont.																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																					
2. Unproductive works—	us.																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																				</

C-I.—Statement showing the financial results of Irrigation, Navigation, Embankment and Drainage Works (classified as 'Productive' and 'Unproductive') for which Capital and Revenue Accounts are kept in the Madras Presidency for the year ending 1923-24—cont.

Works or systems.	Revenue (actual receipts).										Working expenses.				
	Irrigation.			Navigation.	Miscal- laneous.	Total.	Less refunds of revenue.	Gross revenue less refunds.	Deduct share of old irrigation revenue.	Total revenue due to imprope- ments.	Revenue management.				
	Irrigation revenue.	Share of land revenue.	Total.								Establishment.				
											Direction.	Execution.	Civil officers.		
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
B. NAVIGATION, EMBANKMENT AND DRAINAGE WORKS.															
2. Unproductive works—															
1. Ganjam-Gopalpur canal ..	..	..	..	77,242	223	..	223	..	223	..	223	..	..	..	..
2. Buckingham canal ..	..	..	..	1,033	582	1,103	78,927	..	78,927	..	78,927	..	..	..	..
3. Vedaraniyam canal ..	..	..	..	..	9	..	1,050	..	1,050	..	1,050	..	..	..	..
Total, B. Navigation, etc., works—	..	..	..	78,275	814	1,111	80,200	..	80,200	..	80,200	..	..	..	..
2 Unproductive.															
Total, B. Navigation, etc., works—	..	..	..	78,275	814	1,111	80,200	..	80,200	..	80,200	..	..	..	..
Total, Construction of Irriga- tion, etc., works.	1,79,05,911	7,58,055	1,86,63,966	2,80,289	50,917	2,03,717	1,92,01,889	2,670	1,91,99,219	52,51,360	1,39,47,859	..	..	6,62,974	6,62,974

Working expenses—cont.

Works or systems.	Maintenance of works.										Net revenue.						
	Establishment.				Works.	Repairs.	Tools and plant.	Deduct recoveries of expenditure.	Plantation.	Total cost of maintenance.	Indirect charges.	Grand total of working expenses.	Deduct old maintenance charges.		Total working expenses on improvements.	Net revenue.	
	Direction.	Execution.	Total.	Direct charges.									Indirect charges.	Total.		Total.	Due to improvements.
17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34
B. NAVIGATION, EMBANKMENT AND DRAINAGE WORKS.																	
2. Unproductive works—																	
1. Ganjam-Gopalpur canal ..	33	129	182	285	7	454	27	481	27	2,96,095	..	..	..	481	..	—258	—258
2. Buckingham canal ..	13,679	54,717	68,396	2,77,912	1,800	45	..	2,84,833	11,703	2,96,095	..	..	..	2,96,095	..	—2,17,169	—2,17,169
3. Vedaraniyam canal ..	120	480	600	1,455	7	..	..	2,207	100	2,307	..	..	..	2,307	..	—1,257	—1,257
Total, B. Navigation, etc., works—	13,832	55,326	69,158	2,13,682	1,814	45	..	2,87,064	11,830	2,98,884	..	..	..	2,98,884	..	—2,18,684	—2,18,684
2. Unproductive.																	
Total, B. Navigation, etc., works.	13,832	55,326	69,158	2,13,682	1,814	45	..	2,87,064	11,830	2,98,884	..	..	..	2,98,884	..	—2,18,684	—2,18,684
Total, Construction of Irrigation, etc., works.	2,01,582	8,22,724	10,28,406	2,20,168	22,53,959	26,192	2,138	35,26,587	1,69,396	43,67,957	3,49,338	16,152	3,65,490	39,22,467	1,48,41,692	99,55,392	99,55,392

C-II.—Statement showing the financial results of Irrigation, Navigation, Embankment and Drainage Works for, and up to the end of, 1923-1924.

General financial results to end of 1923-1924.												
No.	Name of works.	Mileage in operation.		Estimated cost of construction (direct and indirect).	Date of completion of work (P.W.D. Code II, 1918).	Date when system first came into operation.	Total capital outlay (direct and indirect).	Accumulated arrears of interest.	Accumulated surplus revenues.	Total sum-at-charge (column 7 + column 8).		
		Main canals and branches.	Distributaries.									
											MILES.	MILES.
1	2	3	4	5	6 (a)	6 (b)	7	8	9	10		
PRODUCTIVE WORKS—A. Irrigation.												
1	Ganjam minor river system	119	225	2,84,316	1846-47	1877-78	2,78,873	..	10,53,212	2,78,873		
2	Godavari delta system ..	511½	1,995½	1,71,91,244	1856-56	1876-77	1,63,22,020	..	9,89,42,663	1,63,22,020		
3	Kistna ..	349	2,185	1,82,90,642	1913-14	1917-18	1,68,61,279	..	7,30,90,629	1,68,61,279		
4	Divi pumping do. ..	60	120	24,36,180	1860-61	1860-61	25,15,691	2,70,222	..	27,86,913		
5	Pennar river canal system	304	477	67,70,621	..	..	67,42,691	..	62,22,176	67,42,691		
6	Athenketa channel do.	23½	..	1,44,445	..	..	1,44,445	..	17,685	1,44,445		
7	Thadapalli ..	83½	..	1,76,805	..	..	1,76,805	..	11,81,762	1,76,805		
8	Kalingarayan channel do.	61½	..	1,80,486	..	..	1,80,486	..	3,29,716	1,80,486		
9	Palar anicut ..	166	139	24,61,020	..	..	24,56,649	4,01,864	..	28,58,313		
10	Chembrambakkam tank ..	10½	..	7,64,143	..	..	7,64,143	..	3,38,740	7,64,143		
11	Valur anicut system ..	5½	..	76,282	..	..	76,282	18,908	..	96,190		
12	Poichey do. ..	104	78	3,03,492	1855-56	..	3,03,492	..	11,08,578	3,03,492		
13	Cheriyar do. ..	61	120	5,23,759	1852-53	..	5,02,221	..	1,94,334	5,02,221		
14	Trunkkoyilur anicut system	137	281	3,92,204	1861-62	..	3,85,813	..	5,24,618	3,85,813		
15	Bhatkote do. ..	41	149	10,01,036	1847-48	..	9,72,642	..	36,53,173	9,72,642		
16	Toludur project ..	31½	..	32,10,000	..	..	26,86,619	6,42,207	..	31,00,886		
17	Melamattur anicut system	15	94	75,381	..	..	75,381	..	2,00,813	75,381		
18	Vridhachalam do. ..	33	16	86,685	..	..	86,685	..	4,55,631	86,685		
19	Lower Coleroon do. ..	486	620	19,58,362	1848-49	..	19,42,892	..	1,25,54,935	19,42,892		
20	Cauvery delta system ..	1,507	1,971	52,79,945	1836-37	..	49,20,143	..	4,01,33,592	49,20,143		
21	Nandiyar channel system	31	..	65,416	..	..	66,715	20,175	..	85,890		
22	Pandiyar system ..	145	106	1,08,15,875	1896-97	1896-97	1,07,83,528	9,44,288	..	1,07,83,528		
23	Sivankuntam anicut system	28	46	1,17,73,462	1870-71	..	17,75,011	12,42,337	..	17,75,011		
24	Marudur do. ..	29	71	59,598	..	..	51,806	33,68,762	..	51,806		
Total, Productive Works		4,049½	8,303½	7,43,21,224	..	..	7,09,22,231	12,53,236	21,46,86,704	7,21,75,467		
UNPRODUCTIVE WORKS—A. Irrigation.												
1	Kushikulya system ..	80	151	61,92,756	1891-92	1892-93	51,46,516	32,72,361	..	54,18,877		
2	Nagavalli river system ..	23	96½	17,61,684	..	1909-10	17,23,332	4,30,423	..	21,53,755		
3	Muniyaru system ..	60	63	6,01,059	..	..	6,01,059	3,63,439	..	9,54,498		
4	Paldanayudu tank ..	2	..	63,495	..	..	63,495	17,502	..	80,997		
5	Janganaheswarapuram tank	..	..	71,664	..	..	71,664	37,093	..	1,08,707		
6	Amatur tank ..	..	..	1,23,379	..	..	1,23,379	63,494	..	1,86,873		
7	Dondapet tank ..	..	..	1,40,004	..	..	1,40,004	1,34,360	..	2,74,364		
8	Bhavanasi tank project	..	..	2,09,600	..	..	2,60,308	86,874	..	3,46,182		

12

C-II.—Statement showing the financial results of Irrigation, Navigation, Embankment and Drainage Works for, and up to the end of, 1928-1924—cont.

46

APPENDIX I.

Financial results of the year 1923-1924.										
No.	Name of works.	Gross receipts (direct and indirect).	Working expenses (direct and indirect).	Net revenue.	Percentage on capital outlay (column 7).	Percentage on sum-charge (column 10).	Interest at 3-3252 per cent on direct capital outlay to end of 1918-17 and at 5-48 per cent on subsequent outlay.	Net profit.	Area irrigated.	Percentage of working expenses to receipts (column 11 to column 12).
		RS.	RS.	RS.	PER CENT.	PER CENT.	RS.	RS.	ACS.	PER CENT.
11	12.	13	14	15	16	17	18	19	20	
PRODUCTIVE WORKS—A. Irrigation—cont.										
1	Ganjam minor river system	70,052	49,160	20,892	7-49	7-49	9,039	11,853	20,588	70-18
2	Godavari delta system	42,67,145	9,14,391	33,47,754	20-48	20-48	5,01,052	28,41,702	8,37,198	21-48
3	Kistna do.	39,27,121	6,31,133	32,95,988	19-25	19-25	5,35,141	27,10,707	6,89,999	17-35
4	Divi pumping do.	2,02,683	1,48,528	54,155	2-15	1-04	82,497	28,342	25,662	73-28
5	Pennar river canal system	5,51,315	1,21,285	4,30,030	6-42	6-42	1,91,321	2,41,709	60,207	21-88
6	Arunkota channel do.	18,796	4,117	14,679	9-95	9-95	4,681	3,698	2,344	28-49
7	Thadapalli do.	12,441	61,458	49,013	29-27	29-27	5,478	45,880	6,541	19-47
8	Kalingarayan channel do.	51,806	9,013	42,793	23-69	23-69	5,452	36,311	6,108	17-46
9	Palur anicut do.	1,44,845	62,741	82,104	2-12	1-82	78,182	26,101	16,922	54-64
10	Chembrahakkam tank	51,339	4,233	47,106	6-55	6-55	21,914	23,142	8,491	78-17
11	Valluru anicut system	—	634	—	1-20	—	2,727	—	823	..
12	Konvey do.	4,957	18,522	—	4-45	—	11,139	4-28	232	373-65
13	Cheyar do.	54,296	36,674	17,622	3-51	3-51	17,194	45,130	9,788	67-54
14	Tirukkoyilar anicut system	79,259	21,399	57,860	14-99	14-99	12,731	81,889	16,160	26-94
15	Shalatope do.	1,47,674	35,344	1,12,330	11-58	11-58	30,441	81,889	39,631	23-93
16	Toludur project	—	2,743	—	—	—	1,09,382	1,12,125	—	..
17	Mahanadur anicut system	21,505	6,535	14,970	19-85	19-85	2,502	12,468	4,006	30-89
18	Vridhachalam do.	31,716	8,571	23,145	26-70	26-70	2,759	20,346	6,636	27-02
19	Lower Coleroon do.	4,37,120	1,86,433	2,50,687	12-90	12-90	62,280	1,88,407	72,156	42-65
20	Canvey delta system	18,57,578	7,92,281	11,65,297	23-48	23-48	1,56,225	9,89,072	1,94,170	37-81
21	Nandiyar channel do.	8,61,285	2,669	6,88,101	1-17	1-13	2,100	4,787	2,736	98-05
22	Periyar system	1,60,311	1,03,772	56,539	6-22	6-22	3,44,239	3,23,162	99,070	22-43
23	Srivalkuntam anicut system	99,960	18,381	81,579	2-62	2-62	56,945	10,106	22,222	29-04
24	Marudur do.	—	—	—	187-47	157-47	1,680	79,894	14,339	18-39
	Total, Productive Works	1,30,65,140	33,47,574	97,18,565	13-70	13-47	22,58,305	74,60,261	21,43,669	25-62
UNPRODUCTIVE WORKS—A. Irrigation—cont.										
1	Rushikulya system	1,73,141	98,109	74,972	1-46	0-89	1,53,425	..	48,065	56-7
2	Nagavalli river system	79,185	21,553	57,632	3-34	2-68	56,861	771	10,414	27-22
3	Maniyeru system	27,125	10,616	16,507	2-74	1-73	18,985	..	6,460	30-14
4	Peddaryadu tank	2,144	231	1,913	3-10	2-35	2,085	..	138	10-91
5	Jangamaleswarapuram tank	1,172	602	570	7-9	—	2,639	..	588	51-37
6	Amakur tank	1,768	5,020	—	2-64	..	3,656	..	777	283-93
7	Dondapad tank	683	440	243	1-17	—	4,149	..	199	64-42
8	Bhavansai tank project	5,109	3,263	1,846	7	—	9,268	..	751	63-87

C-II.—Statement showing the financial results of Irrigation, Navigation, Embankment and Drainage Works for, and up to the end of, 1923-1924—cont.

General financial results to end of 1923-1924—cont.									
No.	Name of works.	Mileage in operation.	Estimated cost of construction (direct and indirect).	Date of completion of work (P.W.D. Code II, 1918).	Date when system first came into operation.	Total capital outlay (direct and indirect).	Accumulated arrears of interest.	Accumulated surplus revenue.	Total sum-charge (column 7 + column 8).
1	2	3	4	5	6 (a)	7	8	9	10
MILES.	MILES.	MILES.	DATE.	DATE.	RS.	RS.	RS.	RS.	RS.
UNPRODUCTIVE WORKS—A. Irrigation—cont.									
9	Mopad project	16½	84	22,83,697	7,83,069	30,72,764	—	—	30,72,764
10	Hajipur tank	—	4½	3,11,833	1,46,448	4,58,381	—	—	4,58,381
11	Pondalur tank	—	7	2,18,405	1,48,202	3,64,778	—	—	3,64,778
12	Anamasrudam Birapur tank	—	2½	73,573	37,410	1,10,983	—	—	1,10,983
13	Yerur tank	—	—	63,353	25,811	89,194	—	—	89,194
14	Vamla tank	—	—	63,757	46,067	1,08,814	—	—	1,08,814
15	Saglera system	—	—	4,64,727	4,71,127	9,36,854	—	—	9,36,854
16	Talapavanka tank	—	—	68,824	40,754	1,09,578	—	—	1,09,578
17	Cumbum tank	—	23½	86,373	37,056	1,23,429	—	—	1,23,429
18	Markapur tank	—	7½	1,30,333	2,69,707	3,99,040	—	—	3,99,040
19	Yellaur do.	—	3½	2,35,800	93,059	3,28,859	—	—	3,28,859
20	Kocheruvu do.	—	1½	1,35,734	62,014	1,97,778	—	—	1,97,778
21	Siddapur do.	—	9	8,04,486	2,80,511	10,84,997	—	—	10,84,997
22	Nagavaram anicut and supply channel	—	2	3,84,921	3,36,525	7,21,446	—	—	7,21,446
23	Venkatapuram tank	—	3½	1,09,890	1,53,943	2,63,833	—	—	2,63,833
24	Kurnool-Chudalapah canal	—	417½	2,34,775	3,31,747	5,66,522	—	—	5,66,522
25	Barur tank	—	11	4,43,113	3,51,747	7,94,860	—	—	7,94,860
26	Kaniyampalayam anicut	—	26	1,40,100	37,475	1,77,575	—	—	1,77,575
27	Madras water-supply and irrigation system	—	11½	18,21,711	24,58,715	43,09,987	—	—	43,09,987
28	Pelndorai anicut system	—	30	6,42,917	5,18,541	11,61,458	—	—	11,61,458
29	Panjampatti reservoir project	—	1½	4,01,590	94,876	4,96,466	—	—	4,96,466
	Total, A. Irrigation—2. Unproductive	700	763½	4,06,16,500	4,25,51,940	8,31,68,440	—	—	8,31,68,440
	Total, A. Irrigation	4,749½	9,056½	11,49,37,724	4,38,05,176	15,87,42,896	—	—	15,87,42,896
B. Navigation, Embankment and Drainage Works—2. Unproductive.									
1	Ganjam-Gopalpur canal	—	—	1,55,493	1,93,285	3,48,778	—	—	3,48,778
2	Pekkingham canal	—	—	90,55,326	1,58,20,449	2,48,75,775	—	—	2,48,75,775
3	Vedaranyam canal	—	—	1,36,432	5,21,077	6,57,509	—	—	6,57,509
	Total, B. Navigation, etc., works—2. Unproductive	—	—	93,47,251	1,65,34,811	2,58,82,092	—	—	2,58,82,092
	Total, B. Navigation, etc., works	—	—	93,47,251	1,65,34,811	2,58,82,092	—	—	2,58,82,092
	Total, Construction of Irrigation, etc., works	5,016	9,056½	12,42,84,975	6,03,39,987	18,40,24,938	—	—	18,40,24,938

Note.—In the case of certain items no entries have been made in columns 6 (a) and 6 (b) as information is not available.

APPENDIX I.

47

C-II.—Statement showing the financial results of Irrigation, Navigation, Embankment and Drainage Works for, and up to the end of, 1923-1924—cont.

Financial results of the year 1923-1924—cont.										
No.	Name of works.	Gross receipts (direct and indirect).	Working expenses (direct and indirect).	Net revenue.	Percentage on capital outlay (column 7).	Percentage on sum-charge (column 10).	Interest.	Net profit.	Area irrigated.	Percentage of working expenses to receipts (column 11 to column 12).
		RS.	RS.	RS.	PER CENT.	PER CENT.	RS.	RS.	ACS.	PER CENT.
A. IRRIGATION WORKS—cont.										
2. UNPRODUCTIVE WORKS—cont.										
9	Mopad project ..	23,873	5,716	17,657	77	57	85,832	..	68,175	24.46
10	Halipuram tank ..	4,995	940	3,855	1.17	8	9,270	..	6,615	20.40
11	Ponnalur tank ..	2,740	4,893	—	—	—	5,934	..	9,017	176.92
12	Anasasandram-Birapur tank ..	1,876	—	810	—	—	2,381	..	3,194	..
13	Yerur tank ..	210	—	200	—	—	2,083	..	1,863	4.76
14	Vandia tank ..	435	—	—	—	—	2,068	..	2,078	..
15	Sagion tank ..	10,003	1,494	8,809	10.2	10.2	14,867	..	12,438	..
16	Talapakavank tank ..	4,295	2,094	2,261	1.87	1.43	2,793	..	2,204	11.94
17	Cumbam tank ..	2,459	1,618	851	—	—	3,579	..	1,618	47.38
18	Markapur tank ..	2,988	784	1,982	—	—	8,383	..	7,532	65.53
19	Yellur do. ..	2,172	1,913	229	—	—	4,352	..	6,434	..
20	Kocheruvu do. ..	1,007	610	410	—	—	26,401	..	26,172	89.45
21	Siddapur do. ..	200	—	—	—	—	3,588	..	2,611	4.37
22	Nagavaram ancient and supply channel ..	3,49,915	1,28,997	2,29,918	95	4	12,998	..	13,408	305.00
23	Venkatapuram tank ..	4,937	6,195	—	—	—	7,557,702	..	5,64,784	35.87
24	Kurucot-Cuddapah canal ..	—	3,750	—	—	—	13,945	..	15,204	120.50
25	Sarur tank ..	52,290	24,158	28,132	2.90	2.90	6,502	..	10,252	46.90
26	Kanniyapalayam ancient ..	54,575	24,192	30,483	1.41	2.46	53,359	..	25,227	46.26
27	Madras water-supply and irrigation system ..	922	—	895	—	—	22,152	..	10,476	2.93
28	Pelaudorai ancient system ..	—	—	—	—	—	14,695	..	11,501	43.17
29	Panjampatti reservoir project ..	—	—	—	—	—	—	..	—	—
Total, A Irrigation—2. Unproductive ..		8,91,519	3,46,009	4,55,510	1.12	5.55	13,38,492	..	8,82,982	181.527
Total, A. Irrigation ..		1,38,67,659	36,93,583	1,01,74,076	9.14	6.56	35,96,797	..	2,331,196	26.63
B. NAVIGATION, EMBANKMENT AND DRAINAGE WORKS.										
2. Unproductive Works—cont.										
1	Ganjam-Gopalpur canal ..	223	481	—	—	—	4,758	..	5,016	215.7
2	Buckingham canal ..	78,927	2,96,096	—	—	—	2,85,973	..	5,03,142	376.15
3	Vedramaniyam canal ..	1,050	2,307	—	—	—	4,412	..	5,669	219.71
Total, B. Navigation, etc., works—2. Unproductive ..		80,200	2,98,884	—	—	—	2,95,143	..	5,13,827	372.67
Total, B. Navigation, etc., works ..		80,200	2,98,884	—	—	—	2,95,143	..	5,13,827	372.67
Total, Construction of Irrigation, etc., works ..		1,39,47,859	39,92,467	99,55,592	8.25	5.5	38,91,940	..	2,331,196	28.62

C-III.—Demands and Realizations during the year 1923-24 in the Madras Presidency.
Irrigation, Navigation, Embankment and Drainage Works (classified as Productive and Unproductive) for which Capital and Revenue Accounts are kept.

Works or systems.	Balance of demands unrealized at commencement of this year.	Demand of the year.	Total.	Deduct remissions including cash refunds.	Net total.	Deduct amount unrealized at close of the year.	Actual total receipts of the year.	Deduct share due to old irrigation.	Net revenue due to improvements.
	2	3	4	5	6	7	8	9	10
A. IRRIGATION WORKS.									
1. PRODUCTIVE WORKS.									
1. Ganjam minor river system ..	..	1,69,804	1,69,804	4,752	1,65,052	..	1,65,052	95,000	70,052
2. Godavari delta system ..	..	44,60,157	44,60,157	79,012	43,81,145	..	43,81,145	1,24,000	42,57,145
3. Krishna do. ..	..	40,46,835	40,46,835	48,714	39,98,121	..	39,98,121	71,000	39,27,121
4. Divi pumping system ..	..	2,82,580	2,82,580	9,697	2,72,883	..	2,72,883	20,300	2,52,583
5. Pennar river canals system ..	..	8,27,325	8,27,325	17,010	8,10,315	..	8,10,315	2,56,000	5,54,315
6. Arakanota channel ..	..	37,796	37,796	..	37,796	..	37,796	19,000	18,796
7. Thadapalli channel ..	..	1,39,899	1,39,899	..	1,39,899	..	1,39,899	76,000	63,899
8. Kallangayan channel ..	..	1,36,901	1,36,901	..	1,36,901	..	1,36,901	85,000	51,901
9. Palur ancient system ..	..	3,43,827	3,43,827	1,04,092	2,39,735	..	2,39,735	1,45,000	94,735
10. Chembambakkam tank ..	..	71,065	71,065	726	70,339	..	70,339	18,000	52,339
11. Vallur ancient system ..	..	8,655	8,655	3,949	4,706	..	4,706	8,000	—
12. Poney do. ..	..	1,02,380	1,02,380	59,423	42,957	..	42,957	38,000	4,957
13. Cheyyar do. ..	..	1,05,836	1,05,836	12,540	93,296	..	93,296	39,000	54,296
14. Tinkkoyilar do. ..	..	1,39,305	1,39,305	12,540	1,26,765	..	1,26,765	60,000	76,765
15. Shatitope do. ..	..	1,87,988	1,87,988	314	1,87,674	..	1,87,674	20,000	1,67,674
16. Toludur project ..	..	25,523	25,523	..	25,523	..	25,523	4,000	21,523
17. Mebamatur ancient system ..	..	40,230	40,230	14	40,216	..	40,216	8,500	31,716
18. Vriddhalalam do. ..	..	6,92,445	6,92,445	325	6,92,120	..	6,92,120	1,55,000	5,37,120
19. Lower Coleroon ancient system ..	..	52,70,736	52,70,736	13,158	52,57,578	..	52,57,578	34,00,000	18,57,578
20. Cavery delta system ..	..	22,924	22,924	142	22,782	..	22,782	17,000	5,782
21. Nandiyar channel system ..	..	10,71,161	10,71,161	5,876	10,65,285	..	10,65,285	2,04,000	8,61,285
22. Periyar system ..	..	2,39,871	2,39,871	10,560	2,29,311	..	2,29,311	1,50,311	79,000
23. Srivasthnam ancient system ..	..	2,16,449	2,16,449	1,489	2,14,960	..	2,14,960	1,15,000	99,960
24. Marudur ancient system ..	..	1,84,69,632	1,84,69,632	3,71,752	1,80,97,880	..	1,80,97,880	50,51,800	1,30,46,080
Total, A. Irrigation, Productive Works ..		..	..	..	..	..	..	..	..
2. UNPRODUCTIVE WORKS.									
1. Rushikulya system ..	..	2,59,330	2,59,330	19,189	2,40,141	..	2,40,141	67,000	1,73,141
2. Nagavalli river system ..	..	1,20,421	1,20,421	3,536	1,16,885	..	1,16,885	37,400	79,485
3. Meniyer system ..	..	29,626	29,626	3	29,623	..	29,623	2,500	27,123
4. Peddabayudu tank of Chinnaowpalem ..	..	2,264	2,264	120	2,144	..	2,144	..	2,144
5. Jagannatheswarapuram tank ..	..	2,427	2,427	755	1,672	..	1,672	500	1,172
6. Armarur tank ..	..	2,990	2,990	1,222	1,768	..	1,768	..	1,768
7. Pondarad tank ..	..	683	683	..	683	..	683	..	683
8. Bhavanasi tank project ..	..	5,159	5,159	50	5,109	..	5,109	..	5,109

Irrigation, Navigation, Embankment and Drainage Works (classified as Productive and Unproductive) for which Capital and Revenue Accounts are kept—cont.

Works or systems.	Balance of demands unrealized at commencement of the year.	Demand of the year.	Total.	Deduct remissions including cash refunds.	Net total.	Deduct amount unrealized at close of the year.	Actual total receipts of the year.	Deduct share due to old irrigation.	Net revenue due to improvements.
1	2	3	4	5	6	7	8	9	10
A. IRRIGATION WORKS—cont.									
2. Unproductive Works—cont.									
9. Mopad project ..	..	23,908	23,908	102	23,806	..	23,806	433	23,373
10. Hajipuram tank ..	..	4,825	4,825	230	4,595	..	4,595	..	4,595
11. Ponnalur tank ..	..	3,632	3,632	892	2,740	..	2,740	..	2,740
12. Anusandram-Berapur tank ..	..	4,105	4,105	2,382	1,724	..	1,724	3,600	—
13. Yerru tank ..	..	3,820	3,820	3,185	635	..	635	425	1,876
14. Vamula tank ..	..	17,857	17,857	..	17,857	..	17,857	17,800	210
15. Segileru tank ..	..	40,016	40,016	..	40,016	..	40,016	30,000	..
16. Talapalavauka tank ..	..	6,425	6,425	..	6,425	..	6,425	2,130	4,295
17. Gumbur tank ..	..	4,170	4,170	1,701	2,469	..	2,469	..	2,469
18. Marapur tank ..	..	885	885	203	682	..	682	980	..
19. Yellamur do. ..	..	2,172	2,172	..	2,172	..	2,172	..	2,172
20. Kocheeruvu do. ..	..	3,263	3,263	..	3,263	..	3,263	..	3,263
21. Siddapur do. ..	..	409	409	..	409	..	409	184	225
22. Nagavaram anicut and supply channel ..	..	3,85,998	3,85,998	..	3,85,998	..	3,85,998	35,872	3,50,126
23. Venkatapuram tank ..	..	22,211	22,211	12,774	9,437	..	9,437	4,500	1,007
24. Kurunool-Cuddapah canal ..	..	63,799	63,799	..	63,799	..	63,799	11,000	52,799
25. Rarur tank ..	..	57,675	57,675	..	57,675	..	57,675	3,000	54,675
26. Kaniampalayam anicut ..	..	922	922	..	922	..	922	..	922
27. Madras water-supply and irrigation system ..	..	..	..	..	..	..	..	..	..
28. Peludorai anicut system ..	..	..	..	..	..	..	..	..	..
29. Panjampatti reservoir project ..	..	..	..	..	..	..	..	..	..
Total, A. Irrigation, 2. Unproductive Works ..	..	10,68,993	10,68,993	47,914	10,21,079	..	10,21,079	2,19,560	8,01,519
Total, A. Irrigation Works ..	..	1,96,38,685	1,96,38,685	4,19,656	1,91,19,029	..	1,91,19,029	52,51,360	1,38,67,669
B. NAVIGATION, EMBANKMENT AND DRAINAGE WORKS.									
2. Unproductive Works.									
1. Ganjam-Gopalpur canal ..	..	223	223	..	223	..	223	..	223
2. Buckingham canal ..	..	78,927	78,927	..	78,927	..	78,927	..	78,927
3. Veerarunniyan canal ..	..	1,050	1,050	..	1,050	..	1,050	..	1,050
Total, B. Navigation, etc., Works, 2. Unproductive Works ..	..	80,200	80,200	..	80,200	..	80,200	..	80,200
Total, B. Navigation, etc., Works ..	..	80,200	80,200	..	80,200	..	80,200	..	80,200
Total, Construction of Irrigation, etc., Works ..	..	1,96,18,885	1,96,18,885	4,19,656	1,91,93,219	..	1,91,93,219	52,51,360	1,39,47,859

APPENDIX I.

C.IV.—Statement showing the financial results of Irrigation, Navigation, Embankment and Drainage Works (classified as Productive and Unproductive) for which Capital and Revenue Accounts are kept in the Madras Presidency for the year 1923-24 based on assessment for the year.

Works or systems.	Revenue assessed during the year.															Net revenue of the year.		Percentage on capital outlay to end of year (improvements only).
	Direct revenue.					Indirect revenue, and land revenue due to operations of canal.	Less refunds of revenue.	Grand total.	Deduct share due to old irrigation.	Working expenses.				Total. Due to improvements.				
	Own-er's rate.	Planta-tion.	Navi-gation.	Miscel-laneous.	Total.					Total revenue due to improve-ments.	Total charges (direct and indirect),	Deduct old mainte-nance and improve-ments.	Total working expenses on improve-ments.					
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	
A. IRRIGATION WORKS.																		
1. PRODUCTIVE WORKS.																		
1. Ganjam minor river system.	2,78,873	..	17,353	1,18,660	122	122	1,64,930	..	43,81,145	95,060	70,052	56,992	7,882	49,160	1,08,050	20,892	749	
2. Godavari delta system ..	1,63,22,020	..	4,980	81,643	62,851	1,88,894	41,92,587	736	30,48,121	1,24,000	42,57,145	9,14,391	..	9,14,391	34,56,764	33,42,754	2048	
3. Krishna do. ..	1,68,61,279	..	..	..	65,165	1,41,788	38,56,734	401	39,48,121	71,000	39,27,121	6,81,183	..	6,81,183	33,16,938	32,45,938	1926	
4. Divi pumping system ..	25,15,691	..	70	..	2,046	2,116	2,20,887	20	2,22,983	20,300	2,02,683	1,67,041	18,513	1,48,528	6,542	54,156	215	
5. Pennar river canals system.	67,42,604	..	..	..	3,007	3,407	8,07,772	464	8,10,315	2,35,000	5,75,315	1,06,356	45,071	1,21,255	6,43,959	4,33,000	642	
6. Alankotta channel system.	1,44,445	..	..	..	411	411	37,385	..	37,796	19,000	18,796	5,710	1,293	4,417	32,086	14,375	995	
7. Thadapalli do. ..	1,75,806	..	..	..	1,724	1,724	1,38,175	..	1,39,899	76,000	63,899	17,606	5,165	12,441	1,22,298	51,458	2927	
8. Kalligayam do. ..	1,80,488	..	..	..	2,918	2,918	1,34,688	..	1,36,606	85,000	51,606	14,800	6,777	9,043	1,21,986	42,763	2369	
9. Palar anicut system ..	24,60,649	..	..	..	1,989	1,989	6,37,886	..	6,39,875	1,25,000	1,14,875	67,269	4,608	62,741	1,73,611	52,084	212	
10. Chembambakkam tank ..	7,64,113	..	..	..	1,078	1,078	69,261	..	70,339	16,000	54,339	11,489	7,236	4,253	58,850	50,086	655	
11. Valluru anicut system ..	76,282	..	..	..	178	234	4,472	..	4,706	6,000	..	2,378	1,754	624	2,324	918	120	
12. Ponnay do. ..	3,03,498	..	..	..	100	300	42,667	..	42,957	38,000	4,957	23,041	4,639	19,622	19,916	18,565	446	
13. Cheyyar do. ..	6,02,221	..	..	..	412	1,384	91,912	..	92,296	39,000	54,296	41,313	4,639	36,674	51,983	17,622	851	
14. Tirukoyilur do. ..	8,85,813	..	..	..	174	2,253	1,37,016	..	1,39,269	60,000	79,269	28,535	7,136	21,399	1,09,784	57,870	1499	
15. Shattatope do. ..	9,72,542	..	..	..	612	1,329	1,66,345	..	1,67,674	20,000	1,47,674	37,723	2,379	35,344	1,29,951	1,12,830	1158	
16. Tectur project ..	26,88,619	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	
17. Melamattur anicut system ..	75,331	..	..	..	79	150	22,355	..	22,505	4,000	18,505	7,456	920	6,536	18,060	14,743	11	
18. Vridhachalam do. ..	86,685	..	..	..	111	278	39,838	..	40,216	8,500	31,716	8,671	..	8,671	31,645	1,470	1986	
19. Lower Coleroon do. ..	19,42,892	..	..	..	1,938	5,364	5,80,881	125	5,92,120	1,65,000	4,27,120	1,66,831	10,498	1,86,433	3,95,189	2,50,587	2670	
20. Cauvery delta system ..	49,20,143	..	..	..	7,853	17,475	52,40,645	542	52,57,178	34,000	18,67,178	8,64,500	1,52,328	7,09,281	44,02,969	11,55,297	2290	
21. Nandiyar channel system ..	65,716	..	..	..	296	296	22,483	..	22,782	17,000	5,782	10,293	4,624	5,669	12,469	133	17	
22. Poyilur system ..	1,07,83,508	..	..	..	466	11,722	10,49,980	56	10,65,255	2,04,000	8,61,255	2,30,528	37,344	1,93,184	8,34,757	6,68,101	622	
23. Srivakuntam anicut system.	17,75,011	..	..	..	3,329	6,426	2,92,940	55	2,93,311	79,000	1,60,311	1,11,790	8,018	1,63,772	1,17,521	46,539	262	
24. Marudur anicut system ..	51,806	..	..	..	443	1,218	2,18,758	26	2,14,960	1,15,000	99,960	25,159	6,778	18,381	1,89,801	81,579	15747	
Total, A. Irrigation—1. Productive Works.	7,09,22,231	..	40,634	2,00,769	1,45,012	3,95,418	1,77,04,950	2,425	1,80,97,940	50,31,800	1,30,66,140	36,83,866	3,36,292	33,47,574	1,44,14,074	97,18,566	1370	

APPENDIX I.

APPENDIX I.

Works or systems.	Revenue assessed during the year.													Net revenue of the year.		Percentage on capital outlay to end of year (improvements only).				
	Direct revenue.							Indirect revenue and land revenue due to operations of canal.	Less refunds of revenue.	Grand total.	Deduct share due to old irrigation.	Working expenses.			Total.		Due to improvements.			
	Own-er's rate.	Plan-tation.	Navi-gation.	Miscel-laneous.	Total.	RS.	RS.					RS.	RS.	RS.				RS.	RS.	RS.
2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18				
A. IRRIGATION WORKS—cont.																				
[2. Unproductive Works.																				
1. Rushikulya system	51,46,516	..	..	3,974	3,974	2,36,167	..	2,40,141	67,000	1,73,141	1,07,561	9,392	98,169	1,32,580	74,872	1-46				
2. Nagavalli river system	17,23,332	..	..	547	547	1,16,038	..	1,16,585	37,400	79,185	26,420	4,867	21,553	90,160	67,632	3-34				
3. Munireru system	6,01,059	..	..	1,125	1,125	28,498	..	29,623	2,500	27,123	10,963	337	10,616	18,570	16,507	2-74				
4. Peddavanthi tank of Chin-nampalem.	63,495	..	..	1,720	1,720	544	120	2,144	..	2,144	234	..	234	1,910	1,910	3-00				
5. Jangamahevarapuram tank.	71,654	..	..	..	..	1,672	..	1,672	540	1,132	602	..	602	1,070	570	5-79				
6. Atmakur tank	1,23,379	..	..	..	..	1,756	..	1,756	..	1,756	5,020	..	5,020	3,252	3,252	2-64				
7. Dondupudi tank	1,40,004	..	..	..	..	683	..	683	..	683	440	..	440	243	243	1-17				
8. Bhavanasi tank project	2,60,306	..	..	..	..	5,109	..	5,109	..	5,109	3,263	..	3,263	1,846	1,846	7-17				
9. Mopad project	22,89,097	..	..	..	..	23,156	..	23,806	433	23,373	5,716	..	5,716	18,690	17,657	1-17				
10. Hajipuram tank	3,11,883	..	..	1,005	1,005	4,595	..	4,595	..	4,595	940	..	940	3,655	3,655	7-17				
11. Ponulur tank	2,16,576	..	..	..	..	2,740	..	2,740	..	2,740	4,823	..	4,823	2,983	2,983	4-66				
12. Aramasudrum-Beraperu tank.	73,573	..	..	..	..	1,724	..	1,724	3,600	1,876	..	94	1,905	1,818	810	1-10				
13. Yerur tank	63,353	..	..	..	..	635	..	635	425	210	10	..	10	625	200	3-31				
14. Venula tank	63,757	..	..	..	..	..	..	..	17,800	435	..	..	..	14,351	..	..				
15. Sagileru tank	4,64,727	..	..	37	37	17,328	..	17,366	..	..	3,074	2,938	136	..	..	..				
16. Talaplavanka tank	68,824	..	..	..	..	40,003	..	40,003	30,000	10,003	2,260	1,066	1,194	37,743	8,809	10-2				
17. Cumbum tank	86,373	..	..	..	..	6,425	..	6,425	2,150	4,275	2,860	316	2,024	4,065	2,251	1-87				
18. Markapur tank	1,20,658	..	..	24	24	2,469	..	2,469	1,618	851	..	..	..	851	851	1-31				
19. Yellanur tank	2,99,707	..	..	..	..	682	..	682	980	298	784	..	784	..	1,052	..				
20. Kocheruvu tank	1,35,734	..	..	..	..	2,172	..	2,172	1,943	229	..	..	..	229	229	..				
21. Sidadpur tank	8,04,486	..	..	..	..	3,263	..	3,263	2,256	1,007	50	..	50	3,213	967	8-87				
22. Nagavaram ancient and supply channel.	1,09,800	..	..	..	..	364	..	364	164	200	610	..	610	248	410	..				
23. Venkatapuram tank	3,84,921	..	..	1,245	10,752	3,73,508	..	3,73,508	35,872	3,49,915	1,33,017	4,070	1,28,987	2,52,770	2,20,918	2-85				
24. Kurnool-Cuddapah canal	2,33,81,083	..	..	1,025	1,025	57	..	57	4,500	4,957	6,196	..	6,196	3,441	1,259	..				
25. Barur tank	4,43,113	..	..	..	..	..	..	..	..	..	3,750	..	..	..	3,750	2-90				
26. Kamiyapalem anicut	1,29,170	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..				

C.1V.—Statement showing the financial results of Irrigation, Navigation, Embankment and Drainage Works (classified as Productive and Unproductive) for which Capital and Revenue accounts are kept in the Madras Presidency for the year 1923-24 based on assessment for the year—*cont.*

Works or systems.	Revenue assessed during the year.										Net revenue of the year.		Percentage on capital outlay to end of year (improvements only).				
	Direct revenue.				Indirect revenue, and land revenue due to operations of canal.	Less refunds of revenue.	Grand total.	Deduct share due to old irrigation.	Total revenue due to improvements.	Working expenses.				Total.	Due to improvements.		
	Own-er's rate.	Plan-tation.	Navi-gation.	Miscel-laneous.						Total.	Total charges (direct and indirect).	Deduct old main-tenance and repairs.				Total working expenses on improvements.	
																	3
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18
A.—IRRIGATION WORKS—cont.	RS.														RS.	RS.	
2. Unproductive Works—cont.																	
27. Madras water-supply and irrigation system.	18,21,272	..	175	..	39,281	39,458	23,834	..	63,290	11,000	52,290	29,270	5,112	24,158	34,020	28,132	1-54
28. Pelandari siltic system ..	8,92,017	..	294	..	452	740	56,929	..	57,676	3,000	54,676	24,300	168	24,192	33,315	30,483	4-11
29. Panjampatti reservoir project.	3,39,188	..	..	..	..	..	922	..	922	..	922	27	..	27	895	895	26-26
Total, A. Irrigation—	4,03,99,759	..	463	1,245	60,534	62,308	9,59,016	245	10,21,079	2,19,550	8,01,519	3,75,207	29,198	3,45,009	6,45,872	4,55,510	1-12
2. Unproductive Works.																	
Total, A. Irrigation Works ..	11,13,21,930	..	50,103	2,02,014	2,05,806	4,57,728	1,86,53,966	2,670	1,91,19,019	52,51,360	1,38,67,659	10,59,073	3,65,490	36,93,583	1,50,59,946	1,01,74,076	9-14
B. NAVIGATION, EMBANKMENT AND DRAINAGE WORKS.																	
2. Unproductive Works.																	
1. Ganjam-Gopalpur Canal ..	1,56,493	..	223	..	1,103	79,927	..	..	223	..	223	481	..	481	— 258	— 258	— 16
2. Buckingham do. ..	90,56,828	..	582	77,242	..	78,927	..	..	78,927	..	78,927	2,98,096	..	2,98,096	— 2,17,169	— 2,17,169	— 2-4
3. Vedavaniyam do. ..	1,86,432	..	9	1,033	8	1,050	..	..	1,050	..	1,050	2,307	..	2,307	— 1,257	— 1,257	— 9-2
Total, B. Navigation, etc.,	93,47,251	..	814	78,275	1,111	80,200	..	..	80,200	..	80,200	2,98,884	..	2,98,884	— 2,18,684	— 2,18,684	— 2-34
Works—2.																	
Total, B. Navigation, etc., Works.	93,47,251	..	814	78,275	1,111	80,200	..	..	80,200	..	80,200	2,98,884	..	2,98,884	— 2,18,684	— 2,18,684	— 2-34
Total, B. Navigation, etc., Works.	93,47,251	..	814	78,275	1,111	80,200	..	..	80,200	..	80,200	2,98,884	..	2,98,884	— 2,18,684	— 2,18,684	— 2-34
Total, Construction of Irrigation, etc., Works.	12,06,69,241	..	50,917	2,80,289	2,06,717	6,37,923	1,06,53,966	2,670	1,91,99,219	52,51,360	1,39,47,659	13,57,947	3,66,490	39,92,467	1,48,41,262	99,55,392	8-25

D-I.—Statement of traffic on the principal navigable canals in the Madras Presidency during the year 1923-24.

	Godavari canals.									Total.
	1	2	3	4	5	6	7	8	9	
Length of canal open for navigation Miles.		507	369½	190	262	70	2	34½		1,435
Receipts—										
Tiding fees Rs.		41,448	40,047	..	41,482	..	481	..	976	2,84,386
Annual licence fees		39,612	13,716	..	10,710	..	..	..	11	..
Six weeks' do.		10,006	12,797	..	10,502	..	..	..	..	..
Registration fees		18,326	144	..	209	..	..	..	..	..
Wharfage do.		523	201	..	410	..	..	..	..	..
Demurrage do.		84	..	..	..	..	..	..	..	..
Raft fees		4,239	..	..	..	..	..	..	..	..
Numbering fees		32	..	..	..	..	..	..	..	..
Kine		— 87	..	..	..	..	..	..	..	..
Ground-rents		111	..	..	..	..	..	..	..	..
Miscellaneous		3,829	..	..	..	..	..	..	..	..
Refunds		..	..	..	..	..	..	..	..	..
Government boats and steamers		..	..	..	..	..	..	..	..	..
Boat rent		..	..	..	..	..	..	..	..	..
Total, Receipts		1,18,657	81,638	1,239	78,906	..	2,896	1,050	2,84,386	
Maintenance charges, including special navigation establishment.		1,36,783	86,021	6,100	2,13,143	..	5,579	1,455	4,56,811	
Net revenue		— 17,326	— 6,853	— 4,861	— 1,40,237	..	— 2,683	— 435	— 1,72,425	
Total number of boats plying cargo		10,068	2,725	25	1,303	..	151	104	18,753	
Do. passengers		..	1,113	8	3,228	..	28	..	..	
Total tonnage, cargo boats		504,508	204,732	2,449	255,346	..	1,753	8,268	987,584	
Do. passenger boats		..	..	..	..	..	..	..	..	
Ton mileage, up		3,792,553	5,114,856	28,860	199,699	..	2,576	49,367	9,187,911	
Do. down		3,670,684	4,671,191	8,664	3,289,339	..	20,218	133,311	11,758,507	
Total		7,463,237	9,786,047	37,524	3,489,038	..	22,794	182,678	20,981,418	
Estimated value of cargoes, up		7,94,28,048	1,72,65,771	1,44,772	1,52,94,141	..	5,69,633½	9,78,271	11,43,46,356½	
Do. down		1,415,881	138,698	..	135,201	..	169	..	11,43,46,356½	
Total		..	..	..	..	..	..	..	..	
Number of passengers		88	1,064	..	16	..	9,232	..	90,243	
Rafts, tons, up		72,859	6,984	..	..	..	..	..	90,243	
Do. down		72,847	8,048	..	..	..	..	..	90,243	
Total		70,98,443	8,56,378	..	..	..	..	..	98,26,759	
Estimated value of rafts		..	..	..	..	..	..	..	..	
Tollage on boats per ton per mile		1-0-0	..	..	..	..	..	..	..	
Do. on rafts per 100 square feet		0-8-0	..	..	..	..	..	..	..	

D-II.—Description and quantities of goods, etc., carried on the principal canals in the Madras Presidency during the year 1923-24.

Description.	Godavari canals.										Kistna canals.									
	Total, Government and Private.					Private.					Total, Government and Private.					Private.				
	Quantity, tons.					Quantity, tons.					Quantity, tons.					Quantity, tons.				
	Up.	Down.	Total.	Value.		Up.	Down.	Total.	Value.		Up.	Down.	Total.	Value.		Up.	Down.	Total.	Value.	
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21
Boat Traffic.																				
Cotton, raw and manufactured	909	617	1,526	27,83,251	1,626	27,83,251	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Woollen goods	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Dyes and tans	171	332	503	10,42,897	483	10,42,897	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Rice and paddy	66,677	84,888	150,565	2,21,61,237	150,566	2,21,61,237	36,961	5,136	41,097	56,69,760	41,097	5,136	46,233	56,69,760	..	..	..	..	..	..
Other food-grains	1,970	18,466	20,436	35,11,136	254	35,11,136	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Hides and skins	97	167	264	3,00,342	254	3,00,342	20	38	58	1,93,252	6,536	58	6	1,93,252	..	..	..	..	..	..
Liquors	6	212	218	6,40,920	218	6,40,920	5	1	6	17,640	6	1	6	17,640	..	..	..	..	..	..
Meals	535	637	1,172	5,34,758	1,232	5,34,758	97	58	155	72,063	155	58	213	72,063	..	..	..	..	..	..
Oil-seeds	1,586	3,768	5,354	39,94,084	5,354	39,94,084	427	263	690	5,14,740	690	263	953	5,14,740	..	..	..	..	..	..
Oil	595	2,571	3,166	8,23,160	3,166	8,23,160	1,455	273	1,728	4,41,480	1,728	273	2,001	4,41,480	..	..	..	..	..	..
Provisions	23,067	12,963	36,030	2,23,02,560	36,030	2,23,02,560	2,960	3,429	6,389	39,48,601	6,389	3,429	9,818	39,48,601	..	..	..	..	..	..
Salt	8,905	4,714	13,619	11,98,472	13,619	11,98,472	7,100	75	7,175	6,31,400	7,175	75	7,250	6,31,400	..	..	..	..	..	..
Spices	556	910	1,466	30,50,746	1,466	30,50,746	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Sugar and jaggery	4,875	4,078	8,953	26,23,884	8,953	26,23,884	136	343	479	1,39,242	479	343	822	1,39,242	..	..	..	..	..	..
Tobacco	1,308	3,639	4,947	51,57,455	4,947	51,57,455	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Building materials	67,604	99,267	166,871	6,08,368	22,449	6,08,368	6,881	76,167	82,048	18,59,129	82,048	76,167	1,68,215	18,59,129	..	..	..	..	..	..
Miscellaneous goods	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Timber	3,462	9,460	12,922	26,18,326	35,418	26,18,326	6,652	2,667	9,319	5,57,820	9,319	2,667	12,986	5,57,820	..	..	..	..	..	..
Firewood	17,395	7,472	24,867	19,35,300	12,902	19,35,300	24,798	494	25,292	3,63,572	25,292	494	25,786	3,63,572	..	..	..	..	..	..
Bamboos	255	17,449	17,704	3,48,138	24,867	3,48,138	2,011	9,320	11,331	5,56,465	11,331	9,320	10,351	5,56,465	..	..	..	..	..	..
Coal and coke	40	250	290	8,65,200	17,704	8,65,200	13,050	290	13,340	6,840	13,340	290	13,630	6,840	..	..	..	..	..	..
Jute	77	3,131	3,208	9,43,904	3,208	9,43,904	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Treasure	..	..	..	18,10,216	..	18,10,216	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Total, Boat Traffic	215,347	289,161	504,508	7,94,28,048	360,135	7,94,28,048	90,093	114,539	204,732	1,72,65,771	204,732	114,539	219,271	1,72,65,771	..	..	..	..	..	..
Raft Traffic.																				
Timber in logs	39	41,199	41,238	56,08,368	41,238	56,08,368	555	4,612	5,177	7,04,068	5,177	4,612	9,789	7,04,068	..	..	..	..	..	..
Squared timber	..	434	434	82,460	434	82,460	30	129	159	30,210	159	129	159	30,210	..	..	..	..	..	..
Sleepers, broad gauge	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Do. metre gauge	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Sandstone	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Polis	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Firewood	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Bamboos and reeds	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Total, Raft Traffic	88	72,859	72,947	70,98,443	72,947	70,98,443	1,064	6,984	8,048	8,56,378	8,048	6,984	15,032	8,56,378	..	..	..	..	..	..
Grand Total	215,435	362,020	577,455	8,65,26,491	433,133	8,65,26,491	91,157	121,523	212,780	1,81,22,149	212,780	121,523	234,311	1,81,22,149	..	..	..	..	..	..

D-II.—Description and quantities of goods, etc., carried on the principal canals in the Madras Presidency during the year 1923-24—cont.

Description.	Kurnool-Oudayah canal.						Buckingham canal.					
	Total, Government and Private.			Private.			Total, Government and Private.			Private.		
	Quantity, tons.			Quantity, tons.			Quantity, tons.			Quantity, tons.		
	Up.	Down.	Total.	Up.	Down.	Total.	Up.	Down.	Total.	Up.	Down.	Total.
<i>Boat Traffic.</i>	14	15	16	17	18	19	20	21	22	23	24	25
Cotton, raw and manufactured	..	..	..	..	..	..	..	..	..	..	..	..
Woolen goods	..	..	..	..	..	..	..	..	..	..	..	..
Dyes and tans	..	..	..	..	..	..	..	..	..	..	..	..
Rice and paddy	70	..	70	9,170	..	9,170	..	..	..	..	..	..
Other food-grains	246	12	258	53,308	282	52,422	11,309	393	11,702	..	..	..
Hides and skins	..	..	..	..	..	..	..	..	..	..	..	..
Liquors	..	..	..	..	..	..	..	..	..	..	..	..
Alfalfa	..	..	..	..	..	..	..	..	..	..	..	..
Oil-seeds	..	..	..	..	..	..	..	..	..	..	..	..
Onions	31	5	36	9,360	29	7,540	..	..	..	..	..	..
Provisions	..	..	..	..	..	..	..	..	..	..	..	..
Salt	..	..	..	..	..	..	..	..	..	..	..	..
Spices	..	..	..	..	..	..	..	..	..	..	..	..
Sugar and jaggery	..	..	..	..	..	..	..	..	..	..	..	..
Tobacco	..	..	..	..	..	..	..	..	..	..	..	..
Building materials	43	20	63	5,072	..	5,072	48,170	172	48,342	7,24,289	..	..
Miscellaneous goods	486	62	548	4,562	63	4,499	3,804	341	4,145	1,28,267	..	..
Timber	945	305	1,250	17,500	722	10,108	104,958	1,308	106,266	14,87,410	..	..
Firewood	..	..	..	..	..	..	14	800	814	46,700	..	..
Bamboos	..	..	..	..	..	..	116	144	260	11,700	..	..
Coal and coke	..	..	..	..	..	..	50	..	50	600	..	..
Casuarina posts	..	..	..	..	..	..	..	..	..	..	..	..
Jute	..	..	..	..	..	..	..	..	..	..	..	..
Indigo seeds	..	..	..	..	..	..	..	..	..	..	..	..
Skins	..	..	..	..	..	..	..	..	..	..	..	..
Treasure	..	..	..	..	..	..	..	..	..	..	..	..
Cloth	..	..	..	..	..	..	..	..	..	..	..	..
Kerosene-oil	..	..	..	..	..	..	..	..	..	..	..	..
Turnerio	..	..	..	..	..	..	..	..	..	..	..	..
Cotton seeds	1	..	1	711	1	..	..	..	..	..	..	..
Other grains	..	..	..	..	..	..	..	..	..	..	..	..
Iron bars	..	..	..	..	..	..	..	..	..	..	..	..
Groundnuts	132	27	159	20,393	143	25,438	..	..	..	..	..	..
Total, Boat Traffic	1,924	525	2,449	1,44,772	1,390	1,23,914	260,532	5,414	265,946	1,52,94,141	..	..
<i>Raft Traffic.</i>	..	..	..	..	..	..	..	..	..	..	..	..
Timber in logs	..	..	..	..	..	..	..	..	..	..	..	..
Squared timber	..	..	..	..	..	..	..	..	..	..	..	..
Sleepers, broad gauge	..	..	..	..	..	..	..	..	..	..	..	..
Do. metre gauge	..	..	..	..	..	..	..	..	..	..	..	..
Scantlings	..	..	..	..	..	..	..	..	..	..	..	..
Poles	..	..	..	..	..	..	..	..	..	..	..	..
Firewood	..	..	..	..	..	..	..	..	..	..	..	..
Bamboos	..	..	..	..	..	..	..	..	..	..	..	..
Total, Raft Traffic	..	..	..	..	..	..	..	..	..	..	..	..
Grand Total	1,924	525	2,449	1,44,772	1,390	1,23,914	260,532	5,414	265,946	1,52,94,333	..	..

D-II.—Description and quantities of goods, etc., carried on the principal canals in the Madras Presidency during the year 1923-1924—cont.

Description.	West Coast canals.						Damagudem canal.						Vedaranniyam canal.					
	Total, Government and Private.			Private.			Total, Government and Private.			Private.			Total, Government and Private.			Private.		
	Quantity, tons.			Quantity, tons.			Quantity, tons.			Quantity, tons.			Quantity, tons.			Quantity, tons.		
	Up.	Down.	Total.	Up.	Down.	Total.	Up.	Down.	Total.	Up.	Down.	Total.	Up.	Down.	Total.	Up.	Down.	Total.
<i>Boat Traffic.</i>	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43
Cotton, raw and manufactured.	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Woolen goods	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Dyes and tans	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Rice and paddy	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Other food-grains	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Hides and skins	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Liquors	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Alfalfa	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Oil-seeds	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Onions	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Provisions	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Salt	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Spices	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Sugar and jaggery	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Tobacco	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Building materials	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Miscellaneous goods	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Timber	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Firewood	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Bamboos	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Coal and coke	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Jute	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Kerosene-oil	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Treasure	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Poles	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Scantlings	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Cotton seeds	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Total, boat traffic	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
<i>Raft Traffic.</i>	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Timber in logs	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Squared timber	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Sleepers, broad gauge	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Do. metre gauge	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Scantlings	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Poles	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Firewood	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Bamboos	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Total, raft traffic	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Grand total	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..

33
36417

E-1.—Statement of areas irrigated under Irrigation Works classed as Productive and Unproductive for which Capital and Revenue Accounts are kept in the Madras Presidency during the year 1923-1924.

Name of canal.	Areas charged as irrigated in acres.						Percentage of dormant or cropped area (Col. 7 & 8) to the net crop area (cols. 2 + 3).	Average discharge, cubic feet per second.						Areas irrigated per cubic foot supplied at head for each acre of land irrigated during the year.							
	First crop.			Second crop.				Total.	Both seasons.	At head.			Utilized.			Discharge at head.			Utilized.		
	Flow.	Lift.	ACS.	Flow.	Lift.	ACS.				First crop.	Second crop.	First crop.	Second crop.	First crop.	Second crop.	First crop.	Second crop.	First crop.	Second crop.		
																				2	3
Productive.																					
Ganjam minor rivers system	63,165	2,043	ACS.	4,762	1,578	71,848	ACS.	47	10-18	8,794	0,303	..	..	..	..	..	..	..	184,637	361,185	
Godavari delta system	759,035	11,160	ACS.	215,518	7,605	993,348	ACS.	17,249	28-97	8,794	0,303	..	..	..	..	..	..	..	145,616	..	
Kistna do.	745,262	12,442	ACS.	2,808	197	760,709	ACS.	5,167	0-01	6,385	..	..	..	..	..	..	..	..	..	..	
Divi pumping system	35,376	182	ACS.	..	24	35,562	ACS.	319	0-01	..	..	..	..	..	..	..	..	..	..	..	
Pennar river canals system	153,848	2,987	ACS.	3,308	..	160,337	ACS.	319	9-26	..	..	..	..	..	..	..	..	..	..	..	
Arankota channel	4,408	145	ACS.	4,408	17	4,425	ACS.	18	11-66	..	..	..	..	..	..	..	..	..	..	..	
Thadapalli do.	14,822	419	ACS.	1,340	120	16,701	ACS.	681	9-58	..	..	..	..	..	..	..	..	..	..	..	
Kalingarayan do.	9,898	2,223	ACS.	9,014	1,618	22,758	ACS.	2,827	87-67	..	..	..	..	..	..	..	..	..	..	..	
Palar antient system	69,571	2,161	ACS.	14,324	263	86,382	ACS.	568	21-12	..	..	..	..	..	..	..	..	..	..	..	
Chenabrambham tank	12,797	445	ACS.	7,516	263	21,021	ACS.	922	58-74	..	..	..	..	..	..	..	..	..	..	..	
Yallur antient system	4,251	475	ACS.	120	17	4,863	ACS.	56	2-89	..	..	..	..	..	..	..	..	..	..	..	
Ponney do.	14,333	761	ACS.	2,654	134	17,282	ACS.	99	17-23	..	..	..	..	..	..	..	..	..	..	..	
Cheygar do.	18,683	443	ACS.	6,073	179	26,378	ACS.	75	31-06	..	..	..	..	..	..	..	..	..	..	..	
Tirukkovilur antient system	26,127	1,162	ACS.	5,830	201	32,870	ACS.	281	20-45	..	..	..	..	..	..	..	..	..	..	..	
Shatlope do.	32,197	789	ACS.	6,639	166	39,791	ACS.	664	20-63	..	..	..	..	..	..	..	..	..	..	..	
Nehamattur do.	4,628	48	ACS.	418	2	4,996	ACS.	85	9-18	..	..	..	..	..	..	..	..	..	..	..	
Vridhachalam do.	8,651	90	ACS.	395	..	9,066	ACS.	8	3-73	..	..	..	..	..	..	..	..	..	..	..	
Lower Coleroon do.	107,961	1,541	ACS.	7,214	410	117,436	ACS.	635	6-96	..	..	..	..	..	..	..	..	..	..	..	
Cauvery delta system	868,722	26,654	ACS.	84,562	3,672	973,600	ACS.	14,584	9-26	14,268	2,107	14,268	2,107	65	42	..	..	..	213,143	249,647	
Nandiyar channel system	6,887	714	ACS.	2,057	328	8,966	ACS.	338	36-13	..	..	..	..	..	..	..	..	..	..	..	
Pennar system	130,741	638	ACS.	49,032	359	180,770	ACS.	1,843	37-59	..	..	..	..	..	..	..	..	..	..	..	
Sriyankuntam antient system	24,610	615	ACS.	17,278	249	42,652	ACS.	538	69-75	..	..	..	..	..	..	..	..	..	..	..	
Marudair antient system	16,668	959	ACS.	14,279	43	31,949	ACS.	382	81-25	..	..	..	..	..	..	..	..	..	..	..	
Unproductive.																					
Rushikulya system	102,588	2,335	ACS.	684	578	104,165	ACS.	390	1-18	287	..	..	..	..	..	..	..	..	173,030	..	
Nagavalli river system	25,187	142	ACS.	866	19	26,214	ACS.	94	3-49	..	..	..	..	..	..	..	..	..	..	..	
Kurnool-Cuddapah canal	83,880	830	ACS.	11,293	145	96,148	ACS.	1,797	13-50	..	..	..	..	..	..	..	..	..	..	..	
Barur tank	2,886	22	ACS.	444	3	3,355	ACS.	338	15-37	..	..	..	..	..	..	..	..	..	..	..	
Moniyeru system	6,621	64	ACS.	354	21	7,050	ACS.	..	5-61	..	..	..	..	..	..	..	..	..	..	..	
Peddanaidu tank of Chinna-row-palem.	134	4	ACS.	..	..	138	ACS.	..	..	..	..	..	..	..	..	..	..	..	..	..	
Jangamaheswarapuram tank	742	1	ACS.	1	1	745	ACS.	..	0-27	..	..	..	..	..	..	..	..	..	..	..	
Atmakur tank	749	1	ACS.	27	..	777	ACS.	..	3-60	..	..	..	..	..	..	..	..	..	..	..	
Dondapad tank	199	..	ACS.	..	..	199	ACS.	..	..	..	..	..	..	..	..	..	..	..	..	..	

E-1.—Statement of areas irrigated under Irrigation Works classed as Productive and Unproductive for which Capital and Revenue Accounts are kept in the Madras Presidency during the year 1923-1924—cont.

Name of canal.	Areas charged as irrigated in acres including waste charged.						Average discharge, cubic feet per second.						Areas irrigated per cubic foot per second.						Cubic feet of water supplied at head for each acre of land irrigated during the year.																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																	
	First crop.			Second crop.			Total.	Both seasons.	Percentage of double cropped area (cols. 4+5) on the first crop area (cols. 2+3).		At head.		Utilized.		Discharge at head.		First crop.	Second crop.																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																		
	Flow.	Lift.	ACS.	Flow.	Lift.	ACS.			First crop.	Second crop.	First crop.	Second crop.	First crop.	Second crop.																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																						
															2	3			4	5	6	7	8	9	10	11	12	13	14	15	16	17	18																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																			
1																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																				

APPENDIX I

E-II.—Statement showing incidence of working expenses and assessed water revenue on irrigation works classed as Productive and Unproductive for which capital and revenue accounts are kept in the Madras Presidency during 1923-1924.

Name of canal.	Water-rate assessed, 1923-1924.					Average discharge of the year at canal head in cubic feet per second.	Working expenses.							Total water-rate, direct and indirect.		
	Occupiers.	Owners.	Total of direct and indirect.		Gross assessed revenue from all sources.		Working expenses, direct and indirect.	Area charged as irrigated during the year 1923-24, first year.	Per cent on gross revenue.	Per acre irrigated.	Per cubic foot discharge at canal head.	Per acre irrigated.	Per cubic foot discharge at canal head.			
			Direct.	Indirect.												
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17
Productive.																
Ganjam minor rivers system	..	..	..	1,57,591	7,339	1,64,930	1,65,052	56,992	71,848	34.53	.79	..	..	..	2.29	693
Gidavari delta system	..	..	..	40,00,772	1,92,215	41,92,987	43,81,145	9,14,391	993,848	20.87	.92	..	..	..	4.22	846
Kistna do.	..	..	..	37,21,162	1,35,682	38,56,844	39,98,191	6,81,183	760,769	17.04	.89	..	..	..	1.07	..
Divi pumping system	..	..	..	1,67,035	53,852	2,20,887	2,92,983	1,67,041	33,567	74.00	4.69	..	..	..	6.21	..
Pennar river canal system	..	..	..	7,47,265	80,507	8,27,772	8,10,315	1,66,526	160,337	20.05	1.03	..	..	..	5.04	..
Arakkottai channel..	..	..	..	36,975	410	37,385	37,796	6,710	3,081	16.10	1.12	..	..	..	7.35	..
Thadapalli do.	..	..	..	1,35,275	2,900	1,38,175	1,39,899	17,606	16,701	12.58	1.05	..	..	..	8.27	..
Kalingarayan do.	..	..	..	1,34,105	483	1,34,588	1,36,506	14,820	22,758	16.83	.65	..	..	..	6.91	..
Palar ancient system	..	..	..	2,21,021	16,815	2,37,836	2,39,825	67,209	86,832	28.00	.77	..	..	..	2.73	..
Chembraukkam tank	..	..	..	68,363	908	69,271	70,839	11,469	21,021	16.33	.54	..	..	..	3.29	..
Vellur ancient system	..	..	..	3,398	1,074	4,472	4,706	2,378	4,863	40.53	.48	..	..	..	.92	..
Pokey do.	..	..	..	37,196	5,161	42,357	42,967	23,011	18,282	53.63	1.25	..	..	..	2.33	..
Cheyyar do.	..	..	..	88,560	3,362	91,922	93,296	41,313	32,378	44.28	1.56	..	..	..	3.48	..
Tirukoyilur ancient system	..	..	..	1,33,654	3,862	1,37,516	1,39,269	28,535	32,870	20.49	.86	..	..	..	4.17	..
Shatitope do.	..	..	..	1,51,136	15,200	1,66,336	1,67,074	37,723	33,731	29.49	.94	..	..	..	4.18	..
Mehamatur ancient system	..	..	..	25,804	51	25,855	25,905	7,455	4,936	29.23	1.49	..	..	..	5.07	..
Viddachalam do.	..	..	..	39,644	291	39,938	40,216	8,571	9,066	21.31	.94	..	..	..	4.40	..
Lower Coleroon do.	..	..	..	5,35,571	51,510	5,87,081	5,92,120	1,96,931	117,126	33.26	1.68	..	..	..	5.01	..
Canvey delta system	..	..	..	61,22,573	1,16,072	62,38,645	62,38,645	8,64,009	973,600	16.25	.87	..	..	..	5.53	..
Nandiyar channel system	..	..	..	22,432	54	22,486	22,782	10,293	8,986	45.18	1.14	..	..	..	5.80	..
Periyar system	..	..	..	9,89,127	60,363	10,49,490	10,65,255	2,50,828	180,770	21.61	1.27	..	..	..	5.81	..
Srivakuntam ancient system	..	..	..	2,21,450	1,490	2,22,940	2,29,311	1,11,790	42,662	48.75	2.62	..	..	..	6.22	..
Narudur ancient system	..	..	..	2,13,498	270	2,13,768	2,14,960	26,159	31,949	11.74	.78	..	..	..	6.09	..
Unproductive.																
Rushikulya system	..	..	..	2,31,562	4,605	2,36,167	2,40,141	1,07,161	106,165	44.79	1.01	..	..	..	2.22	451
Nagavalli river system	..	..	..	1,02,563	13,475	1,16,038	1,16,565	26,120	26,214	22.66	1.91	..	..	..	4.42	..
Kurruol-Cuddappa canal	..	..	..	3,71,868	1,990	3,73,858	3,85,757	1,33,017	96,148	34.48	1.38	..	..	..	3.88	..
Baur tank	..	..	..	7,398	471	7,869	8,469	6,198	3,355	66.65	1.84	..	..	..	2.52	..
Muniyern system	..	..	..	28,438	60	28,498	29,623	10,953	7,060	36.97	1.55	..	..	..	4.03	..
Peddanaidu tank	..	..	..	544	..	544	2,144	534	138	10.91	1.69	..	..	..	3.24	..

APPENDIX I.

E-III.—Statement showing incidence of working expenses and assessed water revenue on irrigation works classed as Productive and Unproductive for which capital and revenue accounts are kept in the Madras Presidency during 1923-24—cont.

Name of canal.	Water-rate assessed, 1923-24.					Average discharge of head in cubic feet per second.	Working expenses.				Occupiers' rate.		Total water-rate, direct and indirect.			
	Occupiers.	Owners.	Total, direct.	Indirect.	Total of direct and indirect.		Per cent on gross revenue.	Per acre irrigated.	Per cubic foot discharge at canal head.	Per acre irrigated.	Per cubic foot discharge at canal head.	Per acre irrigated.	Per cubic foot discharge at canal head.			
1	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	
<i>Unproductive—cont.</i>																
Jangamaheeswarapuram tank	..	..	1,672	..	1,672	1,672	692	745	36.00	81	..	..	..	2.24	..	
Anakur tank	..	..	1,768	..	1,768	5,020	5,020	777	283.93	0.46	..	..	..	2.27	..	
Bharanasi tank	..	..	5,109	..	5,109	3,263	3,263	771	83.83	4.91	..	..	..	6.80	..	
Mopad project	..	..	19,714	3,442	23,156	23,806	6,716	3,438	24.01	1.66	..	..	..	6.73	..	
Venkatapuram tank	..	..	364	..	364	364	610	92	167.54	0.63	..	..	..	3.95	..	
Yellaur tank	..	..	1,988	481	2,469	2,469	1,618	640	65.53	2.53	..	..	..	3.95	..	
Kocheruvu tank	..	..	682	..	682	682	784	173	114.95	4.63	..	..	..	3.94	..	
Siddapur tank	..	..	2,172	..	2,172	2,172	1,943	362	39.45	2.02	..	..	..	2.25	..	
Nagararam ancient and supply channel.	..	..	3,263	..	3,263	3,263	60	843	1.63	.08	..	..	..	3.87	..	
Panjapatti reservoir project	..	..	541	..	541	922	27	163	2.93	.16	..	..	..	6.65	..	
Nondepad tank	..	..	680	..	680	680	440	139	64.42	2.21	..	..	..	3.43	..	
Hajipuram tank	..	..	3,575	..	3,575	4,595	940	1,025	20.46	.01	..	..	..	3.60	..	
Ponnalar tank	..	..	2,740	..	2,740	2,740	4,823	685	176.02	7.94	..	..	..	4.00	..	
Anamasumudram-I	..	..	..	..	..	..	..	..	..	..	..	..	..	1.76	..	
Yerur tank	..	..	..	..	..	..	..	..	..	..	..	..	..	0.59	..	
Sagiluru system	..	..	..	..	..	..	..	..	..	..	..	..	..	3.85	..	
Chunbam tank	..	..	6,400	..	6,400	6,425	29,270	8,520	36.87	1.55	..	..	..	1.01	..	
Narakapur tank	..	..	23,372	462	23,834	63,290	29,270	8,520	46.24	3.43	..	..	..	3.13	..	
Madras water-supply and irrigation system.	..	..	..	..	..	..	..	..	..	..	..	..	..	2.79	..	
Palandurai ancient system	..	..	56,853	76	56,929	57,675	24,360	12,696	42.23	1.91	..	..	..	4.48	..	

APPEN

E.-III—Statement showing the area actually irrigated by flow and lift under productive

Districts.	Names of systems.	Area actually irrigated.					
		First crop.		Second crop.		Total.	Both seasons.
		Flow.	Lift.	Flow.	Lift.		
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)
	(i) <i>Productive Works.</i>	ACS.	ACS.	ACS.	ACS.	ACS.	ACS.
Ganjam ..	Ganjam minor rivers system.	59,687	2,043	4,739	1,878	68,347	47
Godavari ..	Godavari delta system ..	319,389	4,050	75,508	2,759	431,706	12,028
Kistna ..	Do.	388,699	7,110	139,963	4,816	540,618	5,221
	Total ..	738,088	11,160	215,471	7,605	972,324	17,249
Kistna ..	Kistna delta system ..	423,873	6,998	1,353	129	432,353	1,326
Guntur ..	Do.	307,261	5,444	1,455	68	314,228	3,841
	Total ..	731,134	12,442	2,808	197	746,581	5,167
Kistna ..	Divi pumping system ..	34,817	182		4	35,003	2
Nellore ..	Pennér river canals system.	147,202	2,967	3,308	214	153,691	319
Coimbatore ..	Arakkankottai channel ..	4,395	145	514	17	5,071	18
Do.	Tadapalli channel ..	14,761	419	1,340	120	16,640	681
Do.	Kalingarayan channel ..	9,804	2,228	9,014	1,613	22,664	2,827
North Arcot ..	Palar anicut system ..	43,772	1,768	10,874	701	57,115	533
Chingleput ..	Do.	18,118	393	3,060	125	21,666	35
	Total ..	61,890	2,161	13,934	826	78,781	568
Chingleput ..	Chembrambakkam tank ..	12,151	445	7,516	263	23,375	922
Do.	Vallur anicut system ..	4,050	475	120	17	4,662	58
North Arcot ..	Poincy anicut system ..	11,639	758	2,441	134	14,932	97
Chittoor ..	Do.	784	3	113		900	2
	Total ..	12,423	761	2,554	134	15,872	99
North Arcot ..	Cheyyar anicut system ..	17,509	443	5,981	179	24,412	75
Chingleput ..	Do.	411		92		503	
	Total ..	18,220	443	6,073	179	24,915	75
South Arcot ..	Tirukkoyilar anicut system.	24,789	1,162	5,369	201	31,521	261
Do.	Shattiatope anicut system.	30,349	789	6,639	166	37,943	664
Do.	Mehamattur anicut system.	4,446	48	418	2	4,914	85
Do.	Vridhdachalam anicut system.	8,382	90	325		8,797	8
Do.	Lower Coleroon anicut system.	82,332	523	6,186	221	90,162	375
Tanjore ..	Do.	22,534	718	1,028	189	24,469	160
	Total ..	105,466	1,541	7,214	410	114,631	535
Tanjore ..	Cauvery delta system ..	787,727	24,453	67,624	2,447	882,251	12,783
Trichinopoly ..	Do.	36,163	2,201	16,214	1,225	54,773	1,801
	Total ..	822,860	26,654	83,838	3,672	937,024	14,584
Trichinopoly ..	Nandiyar channel system.	5,740	714	2,057	328	8,839	351
Madura ..	Periyar system ..	126,917	638	49,032	359	176,946	1,843
Tinnevely..	Sriyaiakuntam anicut system.	22,097	615	17,274	249	40,175	538
Do.	Marudur anicut system ..	16,063	959	14,279	43	31,344	382
	Total of Productive Works.	3,015,671	69,681	453,806	18,602	3,557,060	47,301

DIX I.

and unproductive works and the value of crops raised thereon for fasli 1333 (1923-24).

Value of crops.							
Paddy.		Ragi.		Other crops.		Total.	
Area irrigated.	Estimated value.	Area irrigated.	Estimated value.	Area irrigated.	Estimated value.	Area irrigated.	Estimated value.
(9)	(10)	(11)	(12)	(13)	(14)	(15)	(16)
ACS.	RS.	ACS.	RS.	ACS.	RS.	ACS.	RS.
61,391	33,95,407	4,186	1,38,791	2,770	34,770	68,347	35,68,968
377,609	4,76,91,640	823	31,755	47,106	52,21,658	425,438	5,29,45,062
493,724	4,28,77,414	911	63,862	42,911	24,38,912	537,546	4,53,75,188
871,233	9,05,69,063	1,734	95,617	90,017	76,55,570	962,984	9,83,20,250
424,292	4,19,31,124	903	66,960	7,059	4,62,035	432,254	4,24,64,019
306,510	3,29,17,253	753	44,255	6,221	16,42,924	313,484	3,46,04,432
730,802	7,48,51,377	1,656	1,11,215	13,030	21,05,859	745,738	7,70,68,461
34,312	27,15,682	31	3,246	171	8,034	34,514	27,21,942
146,337	1,15,32,981	3,004	2,04,542	3,301	1,47,197	152,342	1,18,84,720
4,984	6,66,253	13	1,408	74	24,165	5,071	6,91,826
15,024	19,12,053	68	6,657	1,539	4,53,756	16,631	23,72,466
16,805	20,27,669	1,408	1,68,163	4,449	15,30,189	22,662	37,26,321
46,590	41,58,228	5,252	4,33,058	2,352	1,11,503	54,194	47,32,789
19,058	14,20,598	1,437	90,601	440	5,810	20,935	15,17,009
65,648	56,08,826	6,689	5,23,659	2,792	1,17,315	75,129	62,49,798
18,726	16,57,192	316	19,860	1,298	5,23,507	20,340	22,00,559
3,508	3,66,641	158	13,059	221	1,24,832	3,887	5,04,532
9,923	9,27,121	3,002	2,47,670	1,233	19,435	14,158	11,94,226
391	38,751	327	33,747	121	2,246	839	74,744
10,314	9,65,872	3,329	2,81,417	1,354	21,681	14,527	12,68,970
21,390	18,50,559	1,840	1,69,582	806	24,644	24,036	20,44,785
466	35,857	32	1,927	5	17	503	37,801
21,856	18,86,416	1,872	1,71,509	811	24,661	24,632	20,82,586
26,397	22,30,013	2,955	2,15,417	2,132	1,19,913	31,484	25,65,343
35,242	30,99,206	1,396	1,14,052	1,310	67,080	37,943	32,80,338
4,647	4,54,889	160	13,992	107	9,545	4,914	4,78,426
8,425	7,28,302	211	14,913	158	9,224	8,797	7,52,439
88,674	82,71,063	360	31,687	1,128	1,05,593	90,162	84,11,343
23,726	18,77,988	238	15,635	505	97,196	24,469	19,82,919
112,400	1,01,48,151	598	50,322	1,633	2,02,789	114,631	1,04,01,262
849,392	6,64,24,294	8,862	5,91,645	23,941	51,41,668	882,198	7,24,57,607
50,883	61,09,797	1,156	1,00,537	2,729	2,00,884	54,771	61,11,218
900,278	7,25,34,091	10,318	6,92,182	26,673	56,42,552	936,969	7,88,88,825
7,121	7,06,519	846	59,369	672	63,907	8,839	8,29,795
167,712	1,95,42,754	4,095	2,92,965	5,134	7,20,452	176,942	2,05,56,176
37,302	31,57,626	263	17,323	2,299	4,65,416	39,864	36,40,365
29,516	28,67,837	254	18,877	1,574	4,37,757	31,344	33,24,471
3,329,981	31,36,24,804	45,255	32,28,855	163,639	2,05,05,169	3,538,908	33,73,58,828

36
36455

E.-III—Statement showing the area actually irrigated by flow and lift under productive

Districts.	Names of systems.	Area actually irrigated.					
		First crop.		Second crop.		Total.	Both seasons.
		Flow.	Lift.	Flow.	Lift.		
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)
	(ii) Unproductive Works.	ACS.	ACS.	ACS.	ACS.	ACS.	ACS.
Ganjam ..	Rashikalya system ..	99,010	2,335	664	578	102,587	390
Visagapatam ..	Nagavalli river system ..	23,382	142	866	19	24,409	94
Kistna ..	Muniyuru system ..	6,611	64	354	21	7,050	..
Do. ..	Peddabayadu tank of Chinnaraopalem.	134	4	..	..	138	..
Guntur ..	Jangamaheswarapuram tank.	385	1	1	1	388	..
Do. ..	Atmakur tank ..	370	1	27	..	398	..
Do. ..	Dondapad tank ..	199	..	..	..	199	..
Do. ..	Bharanasi tank ..	435	11	295	10	751	..
Nellore ..	Mopad reservoir ..	2,680	10	883	3	3,426	..
Do. ..	Hajipuram tank ..	657	..	282	..	939	..
Do. ..	Pennalur tank ..	525	..	81	..	606	..
Do. ..	Anamasamudram Bira-peru tank.	753	136	..	..	932	..
Do. ..	Yerur tank ..	923	1	..	..	924	..
Cuddapah ..	Sagileru system ..	3,877	136	320	1	4,334	108
Do. ..	Chepad channel ..	7,333	34	545	5	7,917	12
Do. ..	Nagavaram anicut and supply channel.	571	7	238	5	821	41
Kurnool ..	Cumbum tank ..	6,358	176	3,915	341	9,790	162
Do. ..	Markapur tank ..	1,450	20	507	3	1,980	..
Do. ..	Kocheruvu tank ..	86	2	35	..	123	22
Do. ..	Siddapur tank ..	912	9	41	..	962	..
Do. ..	Venkatapuram tank ..	66	..	..	..	66	..
Do. ..	Kurnool-Cuddapah canal	45,603	200	6,728	18	52,549	788
Cuddapah ..	Do.	30,042	596	4,019	122	34,779	1,047
	Total ..	75,645	796	10,747	140	87,328	1,785
Anantapur ..	Yellanur tank ..	587	..	..	..	587	..
Salem ..	Barur tank ..	2,327	22	444	3	2,796	338
Chingleput ..	Madras water-supply and irrigation system.	6,459	407	721	188	7,775	241
South Arcot ..	Pelandurai anicut system.	11,507	244	281	15	12,047	112
Trichinopoly ..	Panjapatti reservoir ..	159	..	4	..	163	3
	Total of Unproductive Works.	252,294	4,558	21,251	1,333	279,436	3,308
	Grand total of Productive and Unproductive Works.	3,267,925	73,639	475,057	19,835	3,836,496	50,609

NOTE.—(1) The area under 'both seasons'
 (2) The areas in columns (3) to (7)
 (3) The area of withered crops =
 (4) Prepared by the Board of

and unproductive works and the value of crops raised thereon for fasli 1333 (1923-24)—cont.

Value of crops.							
Paddy.		Ragi.		Other crops.		Total	
Area irrigated.	Estimated value.	Area irrigated.	Estimated value.	Area irrigated.	Estimated value.	Area irrigated.	Estimated value.
(9)	(10)	(11)	(12)	(13)	(14)	(15)	(16)
ACS.	RS.	ACS.	RS.	ACS.	RS.	ACS.	RS.
100,616	45,84,622	431	8,910	1,386	2,04,641	102,433	47,98,173
23,407	16,59,341	206	9,901	796	24,857	24,409	16,94,699
6,953	6,33,441	1	93	96	2,535	7,050	6,36,069
134	8,300	..	..	4	200	138	8,500
147	8,256	25	2,116	206	5,150	388	15,522
105	8,013	4	302	289	6,550	398	14,865
3	121	161	22,424	35	170	199	22,715
460	42,908	129	9,998	158	2,250	747	55,156
1,015	1,49,098	411	30,594	1,070	29,964	3,396	2,09,656
4	349	282	24,036	653	9,380	939	33,765
22	1,181	380	25,755	204	600	606	27,536
912	34,709	19	1,415	1	111	932	36,235
376	20,840	..	..	1	8	377	20,848
2,292	2,37,992	845	65,915	1,196	23,092	4,333	3,26,999
5,330	6,03,872	848	71,220	1,739	49,223	7,917	7,24,315
551	46,219	73	6,367	197	4,545	821	67,131
7,482	5,99,861	821	64,785	1,487	36,832	9,790	7,00,978
949	63,757	814	68,761	217	2,925	1,980	1,35,443
4	497	..	..	119	8,672	123	9,169
124	9,127	..	..	838	32,910	962	42,037
64	7,326	..	..	2	104	66	7,430
21,690	20,51,064	49	3,095	30,810	11,95,710	52,549	32,79,869
17,041	20,47,273	4,673	3,96,756	13,056	9,47,424	34,770	33,81,458
38,731	41,28,342	4,722	3,89,851	43,866	21,43,134	87,319	66,81,327
49	771	..	..	538	11,500	587	12,271
763	54,504	644	38,920	1,389	1,13,437	2,796	2,06,861
6,875	6,14,140	375	21,357	524	1,10,510	7,774	7,46,007
11,440	9,44,664	222	17,062	385	31,999	12,047	9,93,725
63	5,588	2	124	98	6,265	163	11,977
209,771	1,44,67,939	11,425	79,906	57,494	28,61,564	278,690	1,82,09,409
3,539,755	32,80,92,743	56,680	41,87,761	221,163	2,33,66,733	3,817,598	36,55,68,237

is included under first and second crops.
 include extent under 'withered crops' and exclude 'waste charged'.
 18,828 acres.
 Revenue—Vide B.P. No. 82, dated 24th November 1924.

E-IV—Comparative statement of irrigation and rainfall in the

Civil districts.	Of the civil districts.			Works supplying irrigation.		Culturable area commanded by the irrigation works in column (6) in acres.	Area at present estimated as annually irrigable by the works as specified in column (6) in acres.
	Total area in acres.	Culturable area in acres.	Cultivated area in acres.	No.	Name.		
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)
Ganjam	5,374,545	2,805,922	2,017,453	1	Ganjam minor rivers system.	64,000	59,000
				2	Rushikulya system ..	142,000	106,000
				3	Minor works ..	126,251	126,251
					Total ..	332,251	291,251
Vizagapatam	10,689,240	5,532,393	2,987,782	1	Nagavalli river system ..	31,200	26,000
				2	Minor works ..	89,700	89,700
					Total ..	120,900	115,700
Godavari	4,680,663	1,590,565	1,185,057	1	Godavari delta system ..	395,253	355,329
				2	Minor works ..	80,631	80,631
					Total ..	476,884	436,960
Kistna	3,527,611	2,845,463	2,122,695	1	Kistna delta system ..	543,000	431,000
				2	Godavari delta system ..	665,000	434,000
				3	Divi pumping system ..	80,000	40,000
				4	Muniyeru system ..	13,024	10,000
				5	Peddansayudu tank of Chennaraopalem.	726	210
				6	Minor works ..	52,038	52,038
					Total ..	1,253,788	967,248
Guntur	3,696,872	2,820,669	2,241,145	1	Kistna delta system ..	357,000	305,000
				2	Bhavanasi tank ..	2,448	841
				3	Dondapad tank ..	2,880	1,930
				4	Atmakur tank ..	1,160	1,160
				5	Jangamaheswarapuram tank.	960	960
				6	Minor works ..	25,227	25,227
					Total ..	389,675	335,118
Kurnool	4,837,794	2,863,503	2,045,477	1	Kurnool-Cuddapah canal.	319,869	103,743
				2	Venkatapuram tank ..	1,700	215
				3	Cumbum tank ..	6,000	5,980
				4	Markapur tank ..	1,700	1,583
				5	Siddapur tank ..	2,800	800
				6	Kocheruvu tank ..	1,026	148
				7	Minor works ..	44,561	44,501
					Total ..	377,596	156,970
Bellary	3,649,410	3,016,195	2,150,369	..	Minor works ..	55,211	55,211
Anantapur	4,281,869	3,319,094	1,601,127	1	Yellanur tank ..	1,541	1,442
				2	Minor works ..	146,882	146,882
					Total ..	148,523	148,324
Cuddapah	3,724,695	1,983,804	1,088,090	1	Kurnool-Cuddapah canal including Chepad channel.	37,700	19,676
				2	Sagileru system ..	26,576	4,664
				3	Nagavaram anient and supply channel.	894	894
				4	Minor works ..	99,915	99,915
					Total ..	165,085	125,149
Nellore	5,103,053	3,024,379	1,241,953	1	Pennar river canals system.	190,000	147,274
				2	Mopad reservoir ..	12,500	12,500
				3	Ponnalar tank ..	1,973	1,000
				4	Anamasamudram-Biraperu tank.	1,000	961
				5	Yerur tank ..	1,236	1,143
				6	Hajipuram tank ..	2,900	700
				7	Minor works ..	134,253	134,253
					Total ..	343,862	297,831

* Excluding Feudatory States.

Madras Presidency for the revenue year ending 30th June 1924.

Area irrigated in acres.						Rainfall in inches.	
Revenue year ending 30th June 1923			Revenue year ending 30th June 1924.			1922-23	1923-24.
Kharif, I Crop.	Rabi, II Crop.	Total.	Kharif, I Crop.	Rabi, II Crop.	Total.	1922-23	1923-24.
(9)	(10)	(11)	(12)	(13)	(14)	(15)	(16)
63,337	7,000	70,337	61,730	6,617	68,347	40.08	53.22
106,313	1,141	107,454	101,345	1,242	102,587		
120,814	5,350	126,164	114,819	8,772	123,591		
290,464	13,491	303,955	277,894	16,631	294,525	35.72	45.96
23,224	1,110	24,334	23,524	885	24,409		
69,045	7,704	76,750	69,486	12,802	82,288		
92,270	8,814	101,084	93,010	13,687	106,697	34.29	49.98
351,239	55,538	406,877	353,439	78,267	431,706		
51,254	2,659	53,913	51,377	12,971	64,348		
402,593	58,197	460,790	414,816	91,238	506,054	34.61	88.80
431,719	1,690	433,409	430,871	1,482	432,353		
401,377	131,309	532,686	395,81	144,809	540,618		
37,538	1	37,539	34,96	4	35,003	33.89	25.62
6,169	2	6,171	6,6	375	7,050		
137	..	137	138	..	138		
33,055	814	33,869	39,397	1,828	41,225	21.02	18.80
909,995	133,816	1,043,811	907,819	148,498	1,056,317		
313,068	1,818	314,886	312,705	1,523	314,228		
290	117	407	446	305	751	18.24	14.47
151	..	151	11	..	199		
449	..	449	3	27	398		
20,881	991	21,872	18,8	777	19,607	17.29	11.25
334,839	2,926	337,765	332,9	2,634	335,571		
48,166	7,139	55,305	45,83	6,746	52,549		
3	..	3	63	..	66	28.61	16.57
5,568	3,770	9,338	5,534	4,256	9,790		
1,370	177	1,547	1,470	610	1,980		
..	..	..	921	41	962	40.02	27.66
94	43	139	88	35	123		
37,830	4,352	42,182	36,509	3,221	39,730		
93,033	15,481	108,514	90,391	14,609	105,000	17.29	11.25
45,966	9,673	55,639	45,530	7,000	52,530		
687	16	703	587	..	587		
114,301	27,770	142,071	88,102	12,956	101,058	28.61	16.57
114,988	27,786	142,774	88,689	12,956	101,645		
35,668	4,322	39,990	38,005	4,691	42,696		
3,865	338	4,203	4,013	321	4,334	40.02	27.66
589	188	777	578	243	821		
94,999	22,663	117,662	80,881	16,641	97,522		
135,121	27,617	162,638	123,477	21,896	145,373	17.29	11.25
150,746	17,539	168,285	150,169	3,522	153,691		
1,695	523	2,218	2,540	886	3,426		
657	178	835	525	81	606	17.29	11.25
945	25	970	932	..	932		
692	..	692	924	..	924		
677	121	798	657	282	939	17.29	11.25
130,369	15,096	145,465	120,891	7,988	128,879		
285,781	33,482	319,263	276,638	12,759	289,397		

E.-IV—Comparative statement of irrigation and rainfall in the

Civil districts.	Of the civil districts.			Works supplying irrigation.		Culturable area commanded by the irrigation works in column (6) in acres.	Area at present estimated as annually irrigable by the works as specified in column (8) in acres.
	Total area in acres.	Culturable area in acres.	Cultivated area in acres.	No.	Name.		
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)
Chingleput ..	1,966,140	1,132,511	893,066	1	Palar anicut system ..	24,102	24,102
				2	Chembrambakkam tank ..	24,478	18,000
				3	Vallur anicut system ..	6,794	5,216
				4	Cheyyar anicut system ..	540	494
				5	Madras water-supply and irrigation system. ..	10,165	9,852
				6	Minor works	359,453	359,453
					Total ..	426,532	417,117
South Arcot ..	2,693,098	1,838,231	1,101,591	1	Lower Coleroon anicut system. ..	86,000	84,244
				2	Shattatope anicut system. ..	43,965	34,025
				3	Vridhachalam anicut system. ..	16,359	8,829
				4	Mehamattur anicut system ..	10,651	4,555
				5	Tirukkōyilur anicut system. ..	45,977	30,954
				6	Pelandurai anicut system. ..	16,677	12,837
				7	Minor works	293,679	293,679
					Total ..	613,208	469,023
North Arcot ..	3,170,935	1,707,354	1,161,681	1	Palar anicut system ..	80,930	64,566
				2	Cheyyar do. ..	28,921	21,969
				3	Poiney do. ..	23,824	22,462
				4	Minor works	215,792	215,792
					Total ..	349,467	314,789
Chittoor ..	3,590,816	1,754,302	712,813	1	Poiney anicut system ..	108,947	108,947
				2	Minor works	108,947	108,947
					Total ..	108,947	108,947
Salem ..	4,423,916	2,553,960	1,634,451	1	Bartr tank	6,887	6,887
				2	Minor works	100,365	100,365
					Total ..	107,242	107,242
				1	Tadapalli channel ..	16,000	15,000
Coimbatore ..	4,628,691	2,825,899	2,065,841	2	Arakkankottai channel ..	6,000	4,750
				3	Kalingarayan channel ..	16,000	12,000
				4	Minor works	68,287	68,287
					Total ..	105,287	100,037
Tribinopoly.*	2,764,116	2,173,292	1,388,395	1	Cauvery delta system ..	44,667	44,008
				2	Nandiyar channel ..	9,480	6,620
				3	Panjapatti reservoir ..	900	300
				4	Minor works	159,294	159,294
					Total ..	214,341	210,222
Tanjore ..	2,386,092	1,730,308	1,442,885	1	Cauvery delta system ..	864,357	856,918
				2	Lower Coleroon anicut system. ..	31,233	23,685
				3	Minor works	78,925	78,928
					Total ..	974,528	959,531
Madura ..	3,157,877	2,156,317	1,375,579	1	Periyar system	Not known.	143,000
				2	Minor works	127,887	127,887
Ramanad ..	2,144,086	1,791,859	1,462,666		Total ..	127,887	270,887
				1	Minor works	36,374	36,374
Tinnevely ..	2,788,317	1,967,974	1,448,957	1	Sriyakkantam anicut system. ..	33,500	23,014
				2	Marudtur anicut system ..	17,920	17,920
				3	Minor works	181,658	181,658
					Total ..	233,078	222,592
Grand total ..	83,489,336	51,433,794	33,909,103	..	Total of productive and unproductive works. ..	4,274,503	3,581,360
				..	Total of minor works ..	2,585,163	2,585,163
					Total ..	6,859,666	6,146,523

* Excluding Feudatory States
Prepared by the Board of Revenue—vide B.P. No. 82, dated 24th November 1924.

Madras Presidency for the revenue year ending 30th June 1924—cont.

Area irrigated in acres.						Rainfall in inches.	
Revenue year ending 30th June 1923.			Revenue year ending 30th June 1924.			1922-23.	1923-24
Kharif, I Crop.	Rabi, II Crop.	Total.	Kharif, I Crop.	Rabi, II Crop.	Total.	(15)	(16)
(9)	(10)	(11)	(12)	(13)	(14)	(15)	(16)
20,408	10,074	30,482	18,511	3,155	21,666	64.45	33.6
12,675	3,515	16,190	12,596	7,779	20,375		
4,324	102	4,426	4,525	137	4,662		
449	356	805	411	92	503		
7,039	3,960	10,999	6,866	909	7,775		
331,439	135,166	466,605	325,550	71,941	397,491		
376,334	153,173	529,507	368,459	84,013	452,472	64.41	37.3
83,845	6,042	89,887	83,755	6,407	90,162		
30,472	6,934	37,406	31,138	6,805	37,943		
8,120	684	8,804	8,472	325	8,797		
4,732	407	5,139	4,494	420	4,914		
26,132	5,442	31,574	25,951	5,570	31,521		
12,440	327	12,767	11,751	296	12,047	42.29	30.9
289,579	104,198	393,777	289,077	54,119	343,196		
455,320	124,031	579,351	434,638	73,972	508,610		
54,111	19,110	73,221	45,540	11,575	57,115		
20,343	14,083	34,426	18,252	6,160	24,412		
20,250	4,763	25,013	12,397	2,575	14,972		
214,025	91,147	305,172	162,043	38,275	200,318	39.06	20.5
308,729	129,103	437,832	238,232	58,585	296,817		
1,445	436	1,881	787	113	900		
91,677	27,480	119,157	66,937	15,394	82,331		
93,122	27,916	121,038	67,724	15,507	83,231		
3,216	1,212	4,428	2,349	447	2,796	40.61	18.9
100,244	31,645	131,889	72,816	24,923	97,739		
103,460	35,887	139,347	75,165	25,360	100,525		
14,495	1,944	16,439	15,180	1,460	16,640		
4,521	454	4,975	4,540	531	5,071		
11,871	10,133	22,004	12,032	10,632	22,664		
68,620	20,093	88,713	65,017	17,158	82,175	41.85	22.56
97,507	32,624	130,131	96,769	29,781	126,550		
45,492	20,126	65,618	37,334	17,439	54,773		
6,474	2,711	9,185	6,454	2,355	8,809		
544	82	626	159	4	163		
148,861	65,124	213,985	140,377	44,999	185,376		
201,371	88,043	289,414	184,324	64,827	249,151	58.55	42.02
815,889	71,635	887,524	812,180	70,071	882,251		
22,947	1,051	23,998	23,252	1,217	24,469		
68,592	9,938	78,530	60,391	3,839	64,230		
907,428	82,624	990,052	895,823	75,127	970,950		
127,698	47,041	174,739	127,555	49,301	176,856	47.78	23.64
122,141	38,745	160,886	101,255	30,221	131,476		
249,839	85,786	335,625	228,810	79,615	308,425		
34,506	13,474	47,980	31,232	15,147	46,379		
23,619	19,115	42,734	22,652	17,523	40,175		
17,146	15,266	32,412	17,022	14,322	31,344	43.14	33.32
171,036	103,921	274,957	173,371	102,204	275,575		
211,801	138,302	350,103	213,045	131,049	344,094		
3,387,222	601,140	3,988,372	3,341,604	494,892	3,836,496		
2,357,235	741,003	3,098,238	2,146,888	503,199	2,650,087		
5,744,467	1,242,149	6,986,616	5,488,492	998,091	6,486,583	39.31	29.06

APPENDIX I—cont.

F-1—Statement showing the water-rates per acre which were in force under productive and unproductive works in the Madras Presidency during the year ending 30th June 1924.

Description of crop.	Udumalai and Kistna irrigation (except dry assessment lands on which differential water- rates are levied).			Divi system.	Punjab system.	Periyar system.	Bharanasi tank.	Venkatapuram and Siddapur.	Mopad.	* Other systems (in tracts where the differential water- rate system does not prevail).
	Rs.	A.	P.							
1. Single wet crop	5	0	0	5	0	0	5	0	0	7 13 0
2. Second wet crop	5	0	0	2 8 0	3 0 0	4 11 0	2 1 0	3 15 0		
3. Second wet crop (if compounded for two crops for a term of not less than five years).	8	2	0	plus half the dry assess- ment.						
4. Second dry crop on irrigated land except where the landholder has compounded under clause 3.	2	8	0	2 8 0						
5. For sugarcane, betel and other garden produce remaining on the ground for the time of two crops.	10	0	0		8 0 0	14 1 0	6 4 0	11 12 0		
6. For sugarcane, betel and other garden produce remaining on the ground for the time of two crops if compounded for a term of not less than five years.	8	2	0							
7. For a dry crop, whether first or second grown on land for which irrigation has never been supplied or having been once sup- plied has been since discontinued.	2	8	0	2 8 0		4 11 0	2 1 0	3 15 0		
8. For a third irrigated crop (wet)	2	0	0	2 0 0	2 0 0					
9. Do. (dry)	1	0	0	1 0 0	1 0 0					
10. Dry crop systematically irrigated	5	0	0	5 0 0						
11. The charge for a single wet crop when the Collector considers the supply of water to be precarious.	2	8	0	2 8 0						
12. Second wet crop in the case of zamindari and inam lands.				5 0 0						
13. Second wet crop in the case of zamindari and inam lands where the cultivator has compounded for two crops for a term of not less than five years.				8 2 0						
14. For sugarcane, betel and other garden produce remaining on the ground for the time of two crops.				7 8 0	plus half the dry assess- ment.					
15. For sugarcane, betel and other garden produce in zamindari and inam lands re- maining on the ground for the time of two crops.				10 0 0						
16. For sugarcane, betel and other garden produce in zamindari and inam lands re- maining on the ground for the time of two crops, if the cultivator has compound- ed for a term of not less than five years.				8 2 0						
17 to 20. Nil										
21. For a first dry crop systematically irrigated.					5 0 0					
22. For a second dry crop systematically ir- rigated.					8 0 0					
23. For a first or second dry crop occasionally irrigated.					2 8 0					
24. Special crops like onions, sweet potatoes, chillies, tobacco (the same as for a dry crop systematically irrigated).					5 0 0					
25. Mango topes, coconut topes and other tope plantations— (a) if they take water for a term of two wet crops.					8 0 0					
(b) In other cases					5 0 0					

NOTE.—When the water used for irrigation cannot be obtained without raising it by baling or by some mechanical contrivance, a deduction of one-fourth of the water-rate will be made.

* First crop on dry land.	Second crop on dry land.	Charge for		Total charge.
		First crop.	Second crop.	
1. Wet	Wet	Rs. 4	Rs. A. P. 2 0 0	Rs. A. P. 6 0 0
2. Do.	Dry, systematically irrigated	4	1 8 0	5 8 0
3. Do.	Dry, occasionally irrigated	4	1 0 0	5 0 0
4. Dry, systematically irrigated	Wet	3	2 8 0	5 8 0
5. Do.	Dry, systematically irrigated	3	2 0 0	5 0 0
6. Do.	Dry, occasionally irrigated	3	1 8 0	4 8 0
7. Dry, occasionally irrigated	Wet	2	3 0 0	5 0 0
8. Do.	Dry, systematically irrigated	2	2 8 0	4 8 0
9. Do.	Dry, occasionally irrigated	2	2 0 0	4 0 0

Prepared by the Board of Revenue—vide B.P. No. 73, dated 20th October 1924.

020
30415

APPENDIX I.

APPENDIX A—Statement showing the financial results of irrigation under productive and unproductive works for fasli 1333 (1923-24).

APPEN

APPENDIX A—Statement showing the financial results of irrigation

Systems.	Area charged as irrigated and area irrigated free of charge.					
	First crop.			Second crop.		
	Old irrigation.	New irrigation.	Total.	Old irrigation.	New irrigation.	Total.
(1)	(2)	(3)	(4)	(5)	(6)	(7)
A. IRRIGATION WORKS.						
(i) Productive Works.						
	ACS.	ACS.	ACS.	ACS.	ACS.	ACS.
1. Ganjam minor rivers system ..	51,280	13,948	65,228	..	6,840	6,840
2. Golavari delta system ..	156,150	614,045	770,195	..	223,153	223,153
3. Kistna delta system ..	70,710	686,994	757,704	..	3,005	3,005
4. Divi pumping system ..	9,900	25,653	35,553	..	4	4
5. Penner river canals system ..	59,080	57,735	116,815	1,050	2,472	3,522
6. Arakkankottai channel ..	2,740	1,823	4,563	10	531	541
7. Tadapalli channel ..	9,920	5,261	15,241	170	1,290	1,460
8. Kalingarayan channel ..	8,300	3,828	12,128	8,350	2,282	10,632
9. Polar anicut system ..	53,890	17,842	71,732	10,070	920	11,000
10. Chembrambakkam tank ..	11,370	1,872	13,242	1,160	6,619	7,779
11. Vallur anicut system ..	4,030	696	4,726	10	127	137
12. Poinery anicut system ..	15,550	44	15,594	2,500	188	2,688
13. Cheyyar anicut system ..	14,960	5,166	20,126	1,800	4,222	6,022
14. Tirukkoyilur anicut system ..	16,080	11,009	27,089	30	5,551	5,581
15. Shadiatope anicut system ..	7,160	25,826	32,986	..	6,805	6,805
16. Mehamattur anicut system ..	990	3,586	4,576	..	420	420
17. Viddhachalam anicut system ..	2,430	6,311	8,741	..	325	325
18. Lower Coleroon anicut system ..	44,760	64,742	109,502	170	7,454	7,624
19. Cauvery delta system ..	745,350	140,026	885,376	34,030	54,144	88,224
20. Nandiyar channel system ..	4,680	1,921	6,601	1,570	815	2,385
21. Periyar system ..	75,600	65,779	141,379	16,100	33,201	49,301
22. Sriyathuntam anicut system ..	14,580	10,545	25,125	5,850	11,677	17,527
23. Karandur anicut system ..	17,020	607	17,627	590	13,732	14,322
Total of productive works ..	1,426,570	1,765,452	3,192,022	89,340	384,217	473,557
(ii) Unproductive Works.						
24. Rushikulya system ..	58,100	46,823	104,923	..	1,242	1,242
25. Nagavali river system ..	10,600	14,729	25,329	5,200	4,315	885
26. Muniyeru system ..	600	6,085	6,685	..	375	375
27. Peddanyada tank of Chinnarapalem ..	..	138	138	..	..	..
28. Jangamabeswarapuram tank ..	150	593	743	7	5	2
29. Atmakur tank ..	..	750	750	..	27	27
30. Dondapad tank ..	..	192	192	..	..	..
31. Bhavanasi tank ..	..	446	446	..	305	805
32. Mopad reservoir ..	..	2,552	2,552	..	885	885
33. Hajipuram tank ..	..	743	743	..	282	282
34. Ponnalur tank ..	..	604	604	..	81	81
35. Anamasumudram-Diraperu tank ..	900	77	977	80	..	..
36. Yerur tank ..	80	989	1,069	2	..	..
37. Sagileru system ..	3,900	274	4,174	700	379	321
38. Cumbum tank ..	4,850	557	5,407	2,670	1,586	4,256
39. Markapur tank ..	450	1,081	1,531	50	460	510
40. Yellanur tank ..	..	640	640	..	..	..
41. Kochervu tank ..	182	44	226	50	15	35
42. Siddapur tank ..	..	921	921	..	41	41
43. Nagavaram anicut and supply channel ..	452	148	600	235	8	243
44. Venkatapuram tank ..	53	39	92	1	1	..
45. Karnool-Cuddapah canal ..	6,643	70,596	77,239	..	10,888	10,888
46. Chupad channel ..	1,408	6,065	7,473	56	494	550
47. Barur tank ..	1,330	1,578	2,908	430	17	447
48. Madras water-supply and irrigation system ..	5,630	1,281	6,911	780	129	909
49. Pelandorai anicut system ..	2,120	10,280	12,400	100	126	226
50. Panjapatti reservoir ..	..	159	159	..	4	4
Total of unproductive works ..	97,446	189,303	286,749	10,361	12,224	22,585
Grand total of productive and unproductive works ..	1,524,016	1,954,755	3,478,771	99,701	396,441	496,142

* Based on the figures prepared by the Board of Revenue—

DIX 1.

under productive and unproductive works for fasli 1333 (1923-24).

Direct receipts.						Indirect receipts.					Total of columns (13) and (18).
Total land and irrigation revenue.	Share due to irrigation.	Deduct remissions and deductions.	Net revenue due to irrigation.	Deduct portion due to old irrigation.	Increase of revenue due to the outlay incurred.	Increment of land assessment due to irrigation.	Land assessment of waste lands brought under irrigation.	Land revenue of miscellaneous items.	Interest on sale-proceeds of tank-bed and other waste lands.	Total.	
(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)	(16)	(17)	(18)	(19)
Rs.	Rs.	Rs.	Rs.	Rs.	Rs.		Rs.	Rs.	Rs.	Rs.	Rs.
2,36,227	1,62,343	4,752	1,67,591	95,000	62,591	..	6,586	738	15	7,339	60,930
50,84,816	40,79,048	78,276	40,00,772	1,24,000	38,76,772	..	1,80,507	3,161	3,547	1,92,215	40,68,987
46,58,134	37,69,465	48,318	37,21,147	71,000	36,50,147	..	99,046	16,703	19,833	1,35,582	37,85,734
1,76,612	1,76,612	9,677	1,67,035	20,300	1,46,735	..	2,143	4,086	47,623	53,832	2,00,567
9,12,967	7,63,811	16,546	7,47,265	2,56,000	4,91,265	..	43,385	3,711	18,411	60,507	5,51,772
43,083	36,975	..	36,975	19,000	17,975	..	364	56	..	410	18,385
1,57,668	1,35,275	..	1,35,275	76,000	59,275	..	2,861	39	..	2,900	62,175
1,51,741	1,34,200	95	1,34,105	85,000	49,105	..	419	64	..	483	49,588
4,34,533	3,25,023	1,04,002	2,21,021	1,25,000	96,021	..	15,466	320	1,009	16,815	1,12,836
91,311	69,079	726	68,353	16,000	52,353	..	849	59	..	908	53,261
11,241	7,347	3,949	3,398	5,000	1,602	..	1,067	7	..	1,074	528
1,30,562	95,619	59,423	37,196	38,000	804	..	5,281	131	49	5,461	4,657
1,43,903	1,01,100	12,540	88,560	39,000	49,560	..	3,196	104	52	3,352	52,912
1,82,936	1,38,690	36	1,38,654	60,000	78,654	..	3,266	76	..	3,362	77,016
2,18,202	1,51,450	314	1,51,136	20,000	1,31,136	..	14,891	318	..	15,209	1,46,345
36,194	25,322	18	25,304	4,000	21,304	..	28	23	..	51	21,355
58,389	39,638	14	39,624	8,500	31,124	..	277	17	..	294	31,438
8,48,033	5,35,571	200	5,35,371	1,55,000	3,80,371	..	51,192	318	..	51,510	4,31,881
65,29,307	51,35,189	12,616	51,22,573	34,00,000	17,22,573	..	1,07,501	10,671	..	1,18,072	18,40,645
29,623	22,574	142	22,432	17,000	5,432	..	36	18	..	54	5,486
11,48,920	9,94,947	5,820	9,89,127	2,04,000	7,85,127	..	6,894	4,940	49,019	60,853	8,45,980
2,73,556	2,31,955	10,505	2,21,450	79,000	1,42,450	..	1,423	67	..	1,490	1,43,940
2,48,179	2,14,981	1,463	2,13,518	1,15,000	98,518	..	228	42	..	270	98,788
2,13,08,317	1,73,42,214	3,69,327	1,69,72,887	50,31,800	1,19,41,087	..	5,46,956	50,569	1,34,568	7,32,093	1,26,73,160
3,72,467	2,50,761	19,189	2,31,572	67,000	1,64,572	..	3,122	236	1,247	4,605	1,69,167
1,32,468	1,06,399	3,835	1,02,563	37,400	65,163	..	1	1,092	12,382	13,475	78,638
29,218	28,441	3	28,438	2,500	25,938	..	2	58	..	60	25,998
544	544	..	544	..	544	..	..	..	..	..	544
3,641	2,427	755	1,872	500	1,372	..	..	..	..	..	1,372
3,685	2,988	1,222	1,766	..	1,766	..	..	..	..	..	1,766
680	680	..	680	..	680	..	1	2	..	3	683
5,159	5,159	50	5,109	..	5,109	..	..	..	..	..	5,109
20,087	19,816	102	19,714	4,434	15,281	..	..	..	3,442	3,442	22,723
4,423	3,865	230	3,575	..	3,575	..	..	15	..	15	3,590
4,896	3,632	592	2,740	..	2,740	..	..	..	..	..	2,740
4,611	4,105	2,382	1,723	3,600	1,877	..	..	1	..	1	1,876
4,975	3,755	3,185	571	425	146	..	..	64	..	64	210
20,130	17,816	492	17,324	17,800	476	..	..	4	..	4	472
44,408	39,555	13	39,542	30,000	9,542	..	443	18	..	461	10,003
6,936	6,400	..	6,400	2,130	4,270	..	..	1	..	1	4,271
4,340	3,689	1,701	1,988	..	1,988	..	..	..	481	481	2,469
1,001	885	203	682	980	298	..	..	..	..	..	298
2,172	2,172	..	2,172	..	2,172	..	..	..	..	..	2,172
3,889	3,263	..	3,263	2,256	1,007	..	..	..	..	..	1,007
436	409	45	364	164	200	..	..	..	..	..	200
3,65,216	3,35,583	184	3,35,449	25,285	3,07,164	..	496	926	187	1,609	3,08,773
39,366	36,428	9	36,419	7,587	28,832	..	351	26	4	381	29,213
25,185	26,715	12,717	7,998	4,500	3,498	..	36	..	435	471	3,969
32,308	23,881	509	23,372	11,000	12,372	..	441	21	..	462	12,834
78,975	56,858	..	56,853	3,000	53,853	..	55	21	..	76	53,929
541	541	..	541	..	541	..	..	..	281	281	922
12,11,752	9,80,693	47,669	9,33,024	2,19,560	7,13,464	..	4,948	2,485	18,559	25,992	7,39,456
2,30,18,069	1,83,22,907	4,16,996	1,79,05,911	52,51,360	1,26,54,551	..	5,51,884	53,054	1,63,117	7,58,055	1,34,12,606

furnished by the Collector.
vide B.P. No. 73, dated 20th October 1924.

APPENDIX II.

STATEMENT No. 1.

Systems.	Net receipts, direct and indirect.			Gross indirect receipts.		
	Actuals, 1922-23.	1923-24.		Actuals, 1922-23.	1923-24.	
		Revised estimates.	Actuals.		Revised estimates.	Actuals.
(i) PRODUCTIVE WORKS.	RS.	RS.	RS.	RS.	RS.	RS.
1. Ganjam minor rivers system ..	67,810	54,000	68,484	7,324	7,324	7,339
2. Godavari delta system ..	37,57,860	37,48,000	38,65,715	1,92,149	1,93,535	1,92,215
3. Kistna delta system ..	35,05,404	34,79,000	35,97,439	1,35,148	1,35,148	1,35,582
4. Divi pumping system ..	2,23,018	2,21,000	1,92,939	53,602	50,693	53,552
5. Penner river canals system ..	5,81,047	5,27,000	5,24,854	60,219	60,219	60,507
6. Arakkankottai channel ..	17,256	20,000	17,465	410	410	410
7. Tadapalli channel ..	60,604	61,000	59,063	2,900	2,900	2,900
8. Kalingarayan channel ..	42,256	42,000	47,109	483	483	483
9. Palar anicut system ..	2,35,664	90,000	1,07,245	18,815	18,815	16,815
10. Chembambakkam tank ..	38,219	47,000	50,598	908	908	908
11. Vallur anicut system ..	3,234	4,000	502	1,074	1,074	1,074
12. Poiney anicut system ..	72,352	21,000	4,427	5,461	5,461	5,461
13. Cheyyar anicut system ..	73,728	44,000	50,299	3,352	3,352	3,352
14. Tirukkoyilur anicut system ..	71,772	1,23,000	73,165	3,362	3,362	3,362
15. Shattatope anicut system ..	1,34,981	1,34,000	1,39,028	15,209	15,209	15,209
16. Meharattur anicut system ..	20,669	16,000	20,287	51	51	51
17. Vriddhachalam anicut system ..	28,789	26,000	29,866	294	294	294
18. Lower Coleroon anicut system ..	3,79,142	3,80,000	4,10,287	51,510	51,710	51,510
19. Cauvery delta system ..	10,05,988	10,09,000	17,48,613	1,18,072	1,23,692	1,18,072
20. Nandiyar qbanul system ..	5,724	6,000	5,212	54	54	54
21. Periyar system ..	7,76,453	7,99,000	8,06,132	52,580	56,464	60,853
22. Srivaikuntam anicut system ..	1,49,788	1,45,000	1,36,743	1,490	1,490	1,490
23. Marudur anicut system ..	94,473	93,000	93,830	270	270	270
(ii) UNPRODUCTIVE WORKS.						
24. Rushikulya system ..	1,81,404	1,88,000	1,60,771	4,572	4,572	4,605
25. Nagavali river system ..	75,218	97,000	75,325	13,189	30,100	13,475
26. Muniyuru system ..	20,896	21,000	24,598	60	60	60
27. Peddanayudu tank of Chinnarao- palem.	517	1,000	517	..	..	..
28. Jangamaheswarapuram tank ..	1,161	1,000	1,113	..	..	..
29. Atmakur tank ..	75	3,000	1,678	..	..	..
30. Dondapad tank ..	475	1,600	649	3	3	3
31. Bhavanasi tank ..	1,959	2,000	4,854	..	..	..
32. Mopad reservoir ..	13,950	14,000	21,769	3,274	3,400	3,442
33. Hajipuram tank ..	3,311	2,000	3,410	15	15	15
34. Ponnalur tank ..	4,441	3,000	2,603	..	..	..
35. Anamasamudram-Biraperu tank.	449	..	1,752	1	1	1
36. Yerur tank ..	1,301	1,000	199	64	64	64
37. Sagileru system ..	4,725	2,000	448	4	4	4
38. Cumbum tank ..	7,640	5,000	9,503	461	461	461
39. Markapur tank ..	2,699	4,000	4,057	1	1	1
40. Yellanur tank ..	3,541	4,000	2,370	464	464	481
41. Kochevvu tank ..	294	..	283	..	..	..
42. Siddapur tank ..	..	2,000	2,063	..	..	..
43. Nagavaram anicut and supply channel.	902	1,000	957	..	..	..
44. Venkatapuram tank ..	163	1,000	190	..	..	..
45. Kurnool-Uddapah canal ..	2,85,417	2,60,000	2,93,344	1,579	1,579	1,609
45A. Chepad channel ..	27,673	27,000	27,753	381	381	381
46. Barur tank ..	17,038	5,000	3,792	471	471	471
47. Madras water-supply and irriga- tion system.	17,916	15,000	12,192	462	462	462
48. Pelandorai anicut system ..	51,065	50,000	51,233	76	76	76
49. Panjapatti reservoir ..	2,597	3,000	395	381	381	381

APPENDIX II—cont.

STATEMENT No. 2.

Statement showing the extent irrigated and the revenue derived under Minor Works for fasli 1333 (1923-24).

Districts.	Area charged as irrigated and area irrigated free of charge.						Direct receipts.						Indirect receipts.						Total of columns (13) and (18).							
	First crop.			Second crop.			(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)		(13)	(14)	(15)	(16)	(17)	(18)	(19)
	Old irrigation.	New irrigation.	Total.	Old irrigation.	New irrigation.	Total.																				
Ganjam ..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Vizagapatam ..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Godavari ..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Kistna ..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Guntur ..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Nellore ..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Cuddapah ..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Anantapur ..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Bellary ..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Kurnool ..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Chittoor ..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Chingleput ..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
North Arcot ..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
South Arcot ..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Tanjore ..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Trichinopoly ..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Madurai ..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Ramanad ..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Tinnevelly ..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Coimbatore ..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Salem ..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Total ..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..

NOTE.—Details of extent and revenue relating to old and new irrigation are not calculated for "Minor Works".

Prepared by the Board of Revenue—vide B.P. No. 78, dated 10th November 1924.

C/2
36415

REVIEW OF THE ADMINISTRATIVE ACCOUNTS OF IRRIGATION, NAVIGATION, EMBANKMENT AND DRAINAGE WORKS FOR THE YEAR 1923-24 OF THE MADRAS PRESIDENCY.

Irrigation, Navigation, Embankment and Drainage works for which Capital and Revenue Accounts are kept are classified into: (1) A. Irrigation Works; and (2) B. Navigation, Embankment and Drainage works, each of these being subdivided into Productive and Unproductive works.

Every irrigation, navigation, embankment or drainage work for which capital accounts are kept is, until ten years after the date of the closure of its construction estimate, classed as productive, if the net revenue anticipated from it appears likely to repay on the expiry of that period the annual interest charges on the capital invested, calculated at 4 per cent in the case of works sanctioned before the 1st April 1919, at 5 per cent in the case of those sanctioned between 1st April 1919 and 1st August 1921, and at 6 per cent in the case of those sanctioned after the last mentioned date.

Conversely, if it is not expected to yield such a return it is to be classified as unproductive.

The classification of the works which was revised by the Local Government in the year 1922 on the basis of the financial results of the three preceding years has been adopted with effect from 1922-23 and the question of reclassification of these works will, therefore, be considered after the close of the third year, i.e., in 1924-25. There are no works in this Presidency under Navigation, Embankment and Drainage works - Productive.

The revenue shown in these administrative accounts comprises besides the revenue collected by Public Works Department officers, the following receipts collected in the other departments:—(1) Water-rates, (2) land assessment from waste lands brought under cultivation, (3) assessment of miscellaneous items, and (4) interest at 4 per cent on sale-proceeds of waste or other lands up to the end of 1920-21 and at the average rate communicated annually by the Auditor-General on realizations after that date.

2. The following table summarizes the financial and irrigational results of irrigation, etc., works during the year 1923-24 in comparison with those of the previous year 1922-23:—

(1)	Total capital cost (direct and indirect) to end of		Gross receipts (direct and indirect) to end of		Working expenses (direct and indirect) to end of	
	1922-23. (2)	1923-24 (3)	1922-23. (4)	1923-24. (5)	1922-23. (6)	1923-24. (7)
	RS.	RS.	RS.	RS.	RS.	RS.
A. Irrigation works—						
1. Productive—In operation ..	6,74,14,730	6,88,33,612	1,23,43,752	1,30,63,140	34,23,046	33,47,574
" Under construction but practically completed	24,38,771	26,88,609				
Total ..	6,98,48,491	7,09,22,221				
2. Unproductive—In operation ..	4,62,61,358	4,02,70,889	5,10,903	8,01,519	3,64,429	3,16,009
" Under construction but practically completed	1,30,775	1,29,570				
Total ..	4,03,92,133	4,03,98,759				
B. Navigation, etc., works—						
2. Unproductive—In operation ..	43,47,251	28,47,251	75,637	80,200	2,81,118	2,98,884

	Net revenue during		Percentage on capital outlay.		Area irrigated.	
	1922-23. (8)	1923-24. (9)	1922-23. (10)	1923-24. (11)	1922-23. (12)	1923-24. (13)
	RS.	RS.			ACS.	ACS.
A. Irrigation works—						
1. Productive—In operation						
" Under construction but practically completed.	89,20,706	97,18,566	12.77	13.70	2,181,675	2,149,669
2. Unproductive—In operation.						
" Under construction but practically completed.	4,46,474	4,55,510	1.11	1.12	184,712	181,527
B. Navigation, etc., works—						
2. Unproductive—In operation.	2,05,481	2,18,684	2.19	2.34	..	..

A. IRRIGATION WORKS.

1. Productive.

3. The number of productive works in the Presidency is 24. The canals of the Godavari and Kistna delta systems are used both for irrigation and navigation purposes. The remaining works are for irrigation only.

4. The total capital outlay (direct and indirect,) to end of the year 1923-24 on this class of works amounted to Rs. 7,09,22,231, the gross revenue to Rs. 1,30,66,140 and the working expenses to Rs. 33,47,574 as against Rs. 6,98,48,491, Rupees 1,23,43,752 and Rs. 34,23,046 respectively. The percentage of net revenue on the capital outlay was therefore 13.70 per cent against 12.77 per cent in the preceding year. The percentage of surplus revenue after paying interest charges was 10.52 during the year under report while the percentage for the previous year was 9.62.

5. The total area irrigated under new irrigation by the works under this class during the year under review was 2,149,669 acres as compared with 2,181,675 acres in 1922-23.

6. Though there has been an increase in revenue, if all the works in this class are taken together, there would appear to be a marked falling-off in the revenue in the cases of (1) Pennar river canals system, (2) Palar anicut system, (3) Poincy anicut system and (4) Divi pumping system. The decrease in revenue, however, has been more than compensated for by an appreciable increase in revenue under (1) the Cauvery delta, (2) the Lower Coleroon anicut, (3) the Godavari delta and (4) the Kistna delta systems.

7. The Board of Revenue ascribe the decrease and the increase as due chiefly to the following reasons in the above cases :—

The decrease under the first three systems is stated to be due to want of timely and adequate rainfall and to the grant of remission on a large scale and that under the Divi system as due to the inadequate supply in the irrigation source which led to a decrease in the extent of dry cultivation. The increase under the Cauvery delta system and the Lower Coleroon anicut system is due mainly to the introduction of the resettlement rates in the Tanjore district. Under the Godavari delta system the increase in revenue is due to the increase in extent under second-crop cultivation. In the case of the Kistna delta and the Periyar systems there has been an increase in revenue owing to greater receipts under 'Miscellaneous revenue' although there was no appreciable increase in cultivation.

2. Unproductive.

8. There were 29 works of this class in the Presidency. The majority of them are small tanks and in many cases the irrigation is still in an early stage of development.

9. The capital outlay (direct and indirect) on this class of works to end of the year 1923-24 was Rs. 4,03,99,759. The revenue amounted to Rs. 8,01,519 and the working expenses to Rs. 3,46,009, yielding a net revenue of Rs. 4,55,510 or 1.12 per cent on the capital outlay as against the percentage of 1.11 in the previous year.

10. The area irrigated under new irrigation during the year was 181,527 acres against 184,712 acres in 1922-23.

11. The gross revenue (including Public Works Department receipts) amounted to Rs. 8,01,519 against Rs. 8,10,903 in the previous year. The decrease mainly occurred under irrigation revenue collected in the Revenue Department in the case of the Barur tank system, the Madras water-supply and irrigation system and the Rushikulya system. The Board of Revenue explain that the decrease was due to want of timely and adequate rains in the case of the Barur tank, while in the case of Madras water-supply the strict enforcement of the rules for the regulation of water-supply from the Red Hills tank was responsible for the decrease in revenue. The floods caused by the cyclone of last year in the case of the Rushikulya system were responsible for the fall in revenue.

B. NAVIGATION, ETC., WORKS.

12. There are no productive works of this class in this Presidency.

Unproductive.

13. There are three navigation works in the Presidency. The capital outlay to end of the year under review on these works amounted to Rs. 93,47,251 and the net revenue during the year to a minus figure of Rs. 2,18,684.

MADRAS,
15th November 1924.

J. F. MITCHELL,
Accountant-General.

IRRIGATION BRANCH.

PUBLIC WORKS DEPARTMENT.

No. 1.—General Abstract of Financial Results showing the estimated cost of construction of Major Productive the simple interest on the direct
Major

Name of project.	COST OF CONSTRUCTION AS NOW ESTIMATED.			CAPITAL OUTLAY					
	Direct charges.	Indirect charges.	Total.	During 1923-1924.			To end of 1923-1924.		
				Direct charges.	Indirect charges.	Total.	Direct charges.	Indirect charges.	Total.
CONSTRUCTION OF IRRIGATION, NAVIGATION, EMBANKMENT AND DRAINAGE WORKS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.
A. Irrigation Works.									
1. Productive Works.									
1. Caujam minor river system	2,73,879	10,437	2,84,316	3,937	222	4,159	2,68,130	10,743	2,78,873
2. Godavari delta system	1,52,14,432	19,76,812	1,71,91,244	1,87,782	9,402	1,96,584	1,42,27,427	20,24,583	1,63,22,020
3. Kistna do.	1,72,15,813	10,74,829	1,82,90,642	55,425	3,047	58,472	1,57,72,140	10,89,139	1,68,61,279
4. Divi pumping system.	24,03,900	32,250	24,36,150	4,33,828	21,479	4,55,307	24,56,525	59,166	25,15,691
5. Pennar river canals system.	57,57,100	10,13,521	67,70,621	1,114	55	1,169	57,28,918	10,13,686	67,42,604
6. Arkenkota channel ..	1,10,769	3,676	1,14,445	..	..	..	1,10,769	3,676	1,14,445
7. Thadapalle channel ..	1,61,755	11,050	1,72,805	..	..	..	1,61,755	11,050	1,72,805
8. Kalingarayan channel	1,75,980	4,506	1,80,486	..	..	..	1,75,980	4,506	1,80,486
9. Palar anicut system ..	23,43,925	1,17,105	24,61,030	-105	..	-105	23,39,544	1,17,105	24,56,649
10. Chembrambakkam tank.	6,51,348	1,12,795	7,64,143	..	..	..	6,51,348	1,12,795	7,64,143
11. Vallaru anicut system.	74,366	1,916	76,282	..	..	..	74,366	1,916	76,282
12. Poiney do.	2,94,703	8,795	3,03,498	476	21	497	2,94,703	8,795	3,03,498
13. Cheyaru do.	5,12,015	11,754	5,23,769	17,380	778	18,158	4,87,779	14,442	5,02,221
14. Tirakkoyilur do.	3,83,105	9,189	3,92,294	..	..	..	3,76,172	9,641	3,85,813
15. Shatitope do.	9,43,765	57,271	10,01,036	..	..	..	9,15,565	57,277	9,72,842
16. Toludur project ..	29,60,000	2,50,000	32,10,000	1,46,750	8,098	1,54,848	23,39,438	2,49,181	25,88,619
17. Mehamattur anicut system.	73,372	2,009	75,381	..	..	..	73,372	2,009	75,381
18. Vriddhachalam anicut system.	81,191	2,494	83,685	..	..	..	81,191	2,494	83,685
19. Lower Coleroon anicut system.	18,87,027	71,335	19,58,362	..	..	..	18,71,557	71,335	19,42,892
20. Cauvery delta system.	50,92,411	1,97,544	52,79,955	1,31,252	5,949	1,37,201	47,06,013	2,14,130	49,20,143
21. Nandiyar channel system.	63,231	2,484	65,715	..	..	..	63,231	2,484	65,715
22. Periyar system ..	1,04,47,087	3,62,788	1,08,15,875	46,358	2,101	48,459	1,03,63,681	3,69,847	1,07,33,528
23. Srivaikuntam anicut system.	16,66,397	1,07,065	17,73,462	967	44	1,011	16,67,408	1,07,603	17,75,011
24. Marudur anicut system.	58,733	1,285	59,998	..	..	..	50,541	1,265	51,806
Total, A Irrigation I. Productive Works.	6,88,72,334	54,48,890	7,43,21,224	10,22,544	51,195	10,73,740	6,53,63,363	55,58,869	7,09,22,231
2. Unproductive Works.									
1. Rushikulya system ..	47,79,163	4,13,622	51,92,785	8,781	495	9,276	47,31,245	4,15,271	51,46,516
2. Nagavalli river system.	17,06,984	45,000	17,51,984	3,939	222	4,161	16,81,029	42,303	17,23,332
3. Muniyuru project ..	5,71,508	29,751	6,01,259	2,342	115	2,457	5,71,308	29,751	6,01,059
4. Peddainsidu tank of Chennaraopalem.	62,098	1,397	63,495	..	..	..	62,098	1,397	63,495

ADMINISTRATIVE ACCOUNTS FOR THE YEAR 1923-24.

MADRAS PRESIDENCY

and Unproductive Works, the Capital outlay thereon, the Revenue derived therefrom, the Working Expenses and Capital outlay on those works.
Works.

RECEIPTS DURING 1923-1924.			WORKING EXPENSES DURING 1923-1924.			NET RESULT EXCLUDING INTEREST (DIFFERENCE BETWEEN REVENUE AND WORKING EXPENSES).				Simple interest during 1923-1924.	NET RESULT INCLUDING INTEREST.			
Water-rates, etc.	Collected with land revenue.	Total.	Direct charges.	Indirect charges.	Total.	Excess revenue (sur- plus).	Excess expenditure (deficit).	Rate per cent.			Excess revenue (sur- plus).	Excess expenditure (deficit).	Rate per cent.	
Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Of excess rev- enue.	Of excess expen- diture.	Rs.	Rs.	Rs.	Of excess rev- enue.	Of excess expen- diture.
62,713	7,339	70,052	46,468	2,692	49,160	20,892	..	7.49	..	9,039	11,853	..	4.25	..
40,64,930	1,92,215	42,57,145	8,77,455	35,936	9,14,391	33,42,754	..	20.48	..	6,01,052	28,41,702	..	17.41	..
37,91,539	1,35,582	39,27,121	6,57,660	23,523	6,81,183	32,45,938	..	19.25	..	5,35,141	27,10,797	..	16.08	..
1,48,831	53,852	2,02,683	1,41,903	6,825	1,48,528	54,155	..	2.15	..	82,497	..	28,342	..	1.12
4,93,308	60,507	5,54,315	1,16,847	4,438	1,21,285	4,33,030	..	6.42	..	1,91,321	2,41,709	..	3.58	..
18,386	410	18,796	4,267	150	4,417	14,379	..	9.95	..	4,681	9,698	..	6.71	..
60,999	2,900	63,899	12,041	400	12,441	51,458	..	29.27	..	5,478	45,980	..	26.15	..
51,323	483	51,806	8,781	282	9,063	42,763	..	7.69	..	5,852	36,911	..	20.45	..
98,010	16,815	1,14,825	60,403	2,335	62,741	52,084	..	1.12	..	78,185	..	26,101	..	1.06
53,431	908	54,339	4,184	69	4,253	50,086	..	7.55	..	21,944	28,142	..	3.66	..
-1,368	1,074	-294	600	24	624	..	918	..	1.20	2,727	..	3,645	..	4.77
-504	5,461	4,957	17,736	786	18,522	..	13,56	..	4.46	11,130	..	24,695	..	8.13
50,944	3,352	54,296	35,213	1,461	36,674	17,622	..	51	..	17,194	428	..	.08	..
75,907	3,362	79,269	20,646	753	21,399	57,870	..	19	..	12,731	45,139	..	11.7	..
1,32,455	15,209	1,47,674	34,140	1,204	35,344	1,12,330	..	55	..	30,441	81,889	..	8.42	..
..	..	..	2,625	118	2,743	..	2,743	..	11	1,09,382	..	1,12,125	..	4.13
21,454	51	21,505	6,300	235	6,535	14,970	..	16	..	2,502	12,468	..	16.54	..
31,422	294	31,716	8,271	300	8,571	23,145	..	1	..	2,799	20,346	..	23.47	..
3,85,610	51,510	4,37,120	1,79,312	7,121	1,86,433	2,50,687	..	90	..	62,280	1,88,407	..	9.69	..
17,39,606	1,18,072	18,57,678	6,75,825	26,456	7,02,281	11,55,297	..	18	..	1,66,225	9,89,072	..	20.10	..
5,728	54	5,782	5,435	234	5,669	113	..	17	..	2,140	..	2,027	..	3.08
8,00,432	60,853	8,61,285	1,85,486	6,698	1,93,184	6,68,101	..	1.22	..	3,44,939	3,23,162	..	3.01	..
1,48,821	1,490	1,50,311	99,585	4,187	1,03,772	46,539	..	32	..	56,945	..	10,406	..	.58
99,690	270	99,960	17,799	582	18,381	81,579	..	17	..	1,680	79,899	..	154.23	..
1,23,34,077	7,32,063	1,30,66,140	32,19,965	1,27,609	33,47,574	97,18,566	..	13.70	..	22,58,305	74,60,261	..	10.52	..
1,68,536	4,605	1,73,141	93,380	4,789	98,169	74,972	..	7.46	..	1,58,426	..	83,454	..	1.62
65,710	13,475	79,185	20,580	973	21,553	57,632	..	..	..	56,861	771	..	.04	..
27,083	60	27,143	10,179	437	10,616	16,507	..	4	..	18,986	..	2,479	..	.41
2,144	..	2,144	225	9	234	1,910	..	10	..	2,085	..	155	..	.24

IRRIGATION BRANCH.

PUBLIC WORKS DEPARTMENT.

No. 1.—General Abstract of Financial Results showing the estimated cost of construction of Productive and the interest on the debit incurred

Name of project.	ESTIMATED COST OF CONSTRUCTION.			CAPITAL OUTLAY.					
	Direct charges.	Indirect charges.	Total.	During 1923-1924.			To end of 1923-1924.		
				Direct charges.	Indirect charges.	Total.	Direct charges.	Indirect charges.	Total.
CONSTRUCTION OF IRRIGATION, NAVIGATION, EMBANKMENT AND DRAINAGE WORKS—cont.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.
A. Irrigation Works—cont.									
2. Unproductive Works—cont.									
5. Jangameshwarapuram tank.	61,253	10,411	71,664	..	..	..	61,253	10,411	71,664
6. Atmakur tank	1,09,951	13,428	1,23,379	..	..	..	1,09,951	13,428	1,23,379
7. Dondapad tank	1,24,786	15,218	1,40,004	..	..	..	1,24,786	15,218	1,40,004
8. Bavanasi tank project ..	2,02,289	6,711	2,09,000	..	..	..	2,49,450	10,858	2,60,308
9. Mopad project	21,97,000	1,00,000	22,97,000	..	..	..	21,93,275	96,422	22,89,697
10. Hajipuram tank	2,78,774	33,109	3,11,883	..	..	..	2,78,774	33,109	3,11,883
11. Ponnalur tank	1,92,826	25,579	2,18,405	..	..	..	1,90,997	25,579	2,16,576
12. Anamasamudram-Beraperu tank.	71,687	1,886	73,573	..	..	..	71,687	1,886	73,573
13. Yerur tank	61,741	1,612	63,353	..	..	..	61,741	1,612	63,353
14. Vamula tank	62,186	1,571	63,757	..	..	..	62,186	1,571	63,757
15. Sagileru system	4,47,108	17,619	4,64,727	..	..	..	4,47,108	17,619	4,64,727
16. Talapulavanka tank ..	66,283	2,541	68,824	..	..	..	66,283	2,541	68,824
17. Cumbum tank	83,985	2,388	86,373	..	..	..	83,985	2,388	86,373
18. Markapur tank	1,26,332	4,001	1,30,333	..	..	..	1,16,657	4,001	1,20,658
19. Yellanur tank	2,35,711	30,089	2,65,800	..	..	..	2,39,192	30,515	2,69,707
20. Kocheruvu tank	1,24,605	11,129	1,35,734	..	..	..	1,24,605	11,129	1,35,734
21. Siddapur tank	7,91,038	13,448	8,04,486	..	..	..	7,91,038	13,448	8,04,486
22. Nagavaram anicut and supply channel	1,07,295	2,595	1,09,890	..	..	..	1,07,295	2,595	1,09,890
23. Venkatapuram tank ..	3,72,250	12,671	3,84,921	..	..	..	3,72,250	12,671	3,84,921
24. Kurnool-Cuddapah canal..	2,33,92,427	85,125	2,34,77,552	— 9,798	98	— 9,700	2,33,07,827	73,256	2,33,81,083
25. Barur tank	4,19,375	23,738	4,43,113	..	..	..	4,19,375	23,738	4,43,113
26. Kannampalem anicut ..	1,36,343	3,757	1,40,100	— 1,527	— 68	— 1,605	1,25,299	3,871	1,29,170
27. Madras Water-supply and Irrigation system.	15,82,203	2,39,508	18,21,711	2,078	80	2,158	15,81,614	2,39,658	18,21,272
28. Pelandorai anicut system.	6,48,248	48,747	6,96,995	..	..	..	6,43,270	48,747	6,92,017
29. Panjampatti reservoir project.	3,38,090	68,510	4,04,600	841	38	879	3,27,696	11,492	3,39,188
Total, A. Irrigation 2. Unproductive.	3,93,51,339	12,65,161	4,06,16,500	6,616	980	7,626	3,92,03,274	11,96,485	4,03,99,759
Total, A. Irrigation Works ..	10,82,23,673	67,14,051	11,49,37,724	10,29,190	52,176	10,81,366	10,45,66,637	67,55,353	11,13,21,990
B. NAVIGATION, EMBANKMENT AND DRAINAGE WORKS.									
2. Unproductive.									
1. Ganjam-Gopalpur canal ..	1,43,100	12,393	1,55,493	..	..	..	1,43,100	12,393	1,55,493
2. Buckingham canal ..	85,66,071	4,89,255	90,55,326	..	..	..	85,66,071	4,89,255	90,55,326
3. Vedaranniyam canal ..	1,82,699	3,733	1,86,432	..	..	..	1,82,699	3,733	1,86,432
Total, 2. Unproductive Works.	88,41,870	5,05,381	93,47,251	..	..	..	88,41,870	5,05,381	93,47,251
Total, B. Navigation, etc., Works.	88,41,870	5,05,381	93,47,251	..	..	..	88,41,870	5,05,381	93,47,251
Total, Construction of Irrigation, etc., Works.	11,70,65,543	72,19,432	12,42,84,975	10,29,190	52,176	10,81,366	11,34,08,507	72,60,734	12,06,69,241

ADMINISTRATIVE ACCOUNTS FOR THE YEAR 1923-1924.

MADRAS PRESIDENCY

Inproductive Works, the Capital outlay thereon, the Revenue derived therefrom, the Working Expenses and the interest on the debit incurred—cont.

RECEIPTS DURING 1923-1924.			WORKING EXPENSES DURING 1923-1924.			NET RESULT EXCLUDING INTEREST (DIFFERENCE BETWEEN REVENUE AND WORKING EXPENSES).				Simple interest during 1923-1924.	NET RESULT INCLUDING INTEREST.			
Water-rates, etc.	Collected with land revenue.	Total.	Direct charges.	Indirect charges.	Total.	Excess revenue (surplus).	Excess expenditure (deficit).	Rate per cent.			Excess revenue (surplus).	Excess expenditure (deficit).	Rate per cent.	
RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	Of excess revenue.	Of excess ex- penditure.			Of excess revenue.	Of excess ex- penditure.	
1,172	..	1,172	576	26	602	570	..	79	..	2,039	..	1,469	..	2-04
1,768	..	1,768	4,788	232	5 020	..	3,262	..	2-64	3,656	..	6,908	..	5-6
680	3	683	421	19	440	243	..	17	..	4,149	..	3,906	..	2-78
5,109	..	5,109	3,117	146	3,263	1,846	..	7	..	9,968	..	8,122	..	3-12
19,931	3,442	23,373	5,493	223	5,716	17,657	..	77	..	85,832	..	68,175	..	2-98
4,580	15	4,595	904	36	940	3,655	..	1-17	..	9,270	..	5,615	..	1-80
2,740	..	2,740	4,603	220	4,823	..	2,083	..	96	6,934	..	9,017	..	4-16
- 1,877	1	- 1,876	- 1,021	- 45	- 1,066	..	510	..	1-10	2,384	..	3,194	..	4-34
146	64	210	10	..	10	200	..	21	..	2,053	..	1,853	..	2-92
..	..	..	..	..	..	..	..	..	..	2,068	..	2,068	..	3-24
- 439	4	- 435	130	6	136	..	571	..	12	14,867	..	15,438	..	3-32
..	..	..	..	..	..	..	..	..	..	2,204	..	2,204	..	3-20
9,542	461	10,003	1,168	26	1,194	8,809	..	10-2	..	2,793	6,016	..	6-97	..
4,294	1	4,295	1,467	67	2,034	2,261	..	1-7	..	3,879	..	1,618	..	1-34
1,988	481	2,469	1,562	56	1,618	851	..	31	..	8,388	..	7,532	..	2-8
- 298	..	- 298	754	80	784	..	1,082	..	79	4,352	..	5,434	..	4-00
2,172	..	2,172	1,874	69	1,943	229	..	33	..	26,401	..	26,172	..	3-25
1,007	..	1,007	50	..	50	957	..	87	..	3,568	..	2,611	..	2-38
200	..	200	588	22	610	..	410	..	11	12,998	..	13,408	..	3-48
17,925	1,990	3,49,915	1,24,791	4,206	1,28,997	2,20,918	..	95	..	7,85,702	..	5,64,784	..	2-41
4,466	471	4,937	5,937	259	6,196	..	1,259	..	28	13,945	..	15,204	..	3-43
..	..	..	3,589	161	3,750	..	3,750	..	2-90	6,502	..	10,252	..	7-94
51,828	462	52,290	23,244	914	24,158	28,132	..	1-54	..	53,359	..	25,227	..	1-39
14,599	76	54,675	23,268	924	24,192	30,483	..	4-41	..	22,152	8,331	..	1-20	..
541	381	922	27	..	27	895	..	26	..	12,696	..	11,801	..	13-48
15,527	25,992	8,01,519	3,32,204	13,805	3,46,009	4,55,510	..	1-12	..	13,38,492	..	8,82,982	..	2-18
19,604	7,58,055	1,38,67,659	35,52,169	1,41,414	36,93,583	1,01,74,076	..	9-14	..	35,96,797	65,77,279	..	5-91	..
223	..	223	454	27	481	..	258	..	16	4,753	..	5,016	..	3-23
8,927	..	78,927	2,84,393	11,703	2,96,096	..	2,17,169	..	2-4	2,35,973	..	5,03,112	..	5-56
1,050	..	1,050	2,207	100	2,307	..	1,257	..	92	4,412	..	5,689	..	4-15
0,200	..	80,200	2,87,054	11,830	2,98,884	..	2,18,684	..	2-34	2,95,143	..	5,13,827	..	5-50
0,200	..	80,200	2,87,054	11,830	2,98,884	..	2,18,684	..	2-34	2,95,143	..	5,13,827	..	5-50
89,804	7,58,055	1,39,47,859	38,39,223	1,53,244	39,92,467	99,55,392	..	8-25	..	38,91,940	60,03,452	..	5-02	..

IRRIGATION BRANCH.

PUBLIC WORKS DEPARTMENT.

GANJAM MINOR RIVERS SYSTEM—Canal Project.

No. 2.—Capital Account for and to end of 1923-1924.

Heads of account.	DIRECT CHARGES.			Cost of construction as now estimated (cost of construction estimate closed on 31st March 1900).	Expenditure against closed estimate.
	Previous.	1923-1924.	Total.		
I. WORKS—	Rs.	Rs.	Rs.	Rs.	Rs.
(1) <i>Head Works—</i>					
C. Works	3,330	...	3,330	1,647	1,647
Total	3,330	...	3,330	1,647	1,647
(2) <i>Main Canals and Branches—</i>					
A. Preliminary expenses	7,382	...	7,382	7,382	7,382
B. Land	35,912	...	35,912	35,912	35,912
D. Regulators	4,915	500	5,415	9,910	6,570
E. Falls and weirs	11,676	...	11,676	11,676	11,676
F. (1) Other cross drainage works	2,121	...	2,121	2,121	2,121
G. Bridges	15,686	...	15,686	15,686	15,686
H. Escapes	...	...	...	...	...
I. Navigation works	1,712	...	1,712	1,712	1,712
K. Buildings	27,201	...	27,201	27,201	27,201
L. Earthwork	...	...	...	...	...
M. Plantations	3,702	1,972	5,674	5,692	2,922
N. Tanks and reservoirs	2,220	...	2,220	2,220	2,220
O. Miscellaneous	...	...	...	...	...
P. Maintenance	...	...	...	...	...
Total	1,12,527	2,472	1,14,999	1,19,512	1,13,402
(3) <i>Distributaries—</i>					
A. Preliminary expenses	2,889	...	2,889	2,889	2,889
B. Land	51,904	...	51,904	54,504	51,904
C. Works	11,610	...	11,610	11,610	11,610
L. Earthwork	404	...	404	404	404
O. Miscellaneous	...	...	...	...	...
Total	66,807	...	66,807	69,407	66,807
(4) <i>Drainage and Protective Works—</i>					
B. Land	7,646	...	7,646	7,646	7,646
C. Works	3,584	...	3,584	3,584	3,584
L. Earthwork	16,097	...	16,097	16,097	16,097
O. Miscellaneous	210	...	210	210	210
Total	27,537	...	27,537	27,537	27,537
(5) <i>Special tools and plant</i>	...	...	...	...	...
Add—Unclassifiable outlay	7,929	...	7,929	7,929	7,929
Total Works	2,18,130	2,472	2,20,602	2,26,032	2,17,322
II. ESTABLISHMENT	45,826	1,408	47,234	47,460	45,282
III. TOOLS AND PLANT	237	57	294	387	213
Grand Total	2,64,193	3,937	2,68,130	2,73,879	2,62,817
V. <i>Less—RECEIPTS ON CAPITAL ACCOUNT</i>	...	...	...	...	...
* Net Total	2,64,193	3,937	2,68,130	2,73,879	2,62,817
Chargeable to 43. Minor Works and Navigation—Provincial.	2,60,706	...	2,60,706	...	...
Chargeable to 55-A. Irrigation Works—Unproductive.	3,467	3,937	7,424	...	...
Total	2,64,193	3,937	2,68,130	...	...

* Chargeable to "43. Minor Works and Navigation—Provincial."

ADMINISTRATIVE ACCOUNTS FOR THE YEAR 1923-1924.

MADRAS PRESIDENCY

GANJAM MINOR RIVERS SYSTEM—Canal Project.

No. 3.—Revenue Account for and to end of 1923-1924.

Receipts.	TOTAL.			Charges.	TOTAL.		
	Previous.	1923-1924.	Total.		Previous.	1923-1924.	Total.
I. DIRECT RECEIPTS—	RS.	RS.	RS.	I. EXTENSIONS AND IMPROVEMENTS—	RS.	RS.	RS.
1. Water-rates from irrigation	62	...	62	(1) Head works	922	...	922
2. Owner's rates	139	...	139	(2) Main canals and branches	38,195	209	38,404
3. Receipts from sale of water	734	...	734	(3) Distributaries	81,080	1,389	82,469
5. Receipts from plantations	1,448	...	1,448	(4) Drainage and protective works	5,713	...	5,713
6. Receipts from other canal produce	6,119	122	6,241	(5) Special tools and plant	...	...	...
11. Miscellaneous	1,105	...	1,105	Total	1,25,910	1,598	1,27,508
Total Revenue realized in Public Works Department	9,607	122	9,729	II. MAINTENANCE AND REPAIRS—	RS.	RS.	RS.
Irrigation Revenue realized in Civil Department	18,26,210	62,591	18,88,801	(1) Head works	12,919	...	12,919
Total, Direct Receipts	18,35,817	62,713	18,98,530	(2) Main canals and branches	3,38,655	21,826	3,60,481
II. INDIRECT RECEIPTS—				(3) Distributaries	2,17,089	8,316	2,25,405
Share of Land Revenue collected in the Civil Department	4,03,253	7,339	4,10,592	(4) Drainage and protective works	4,817	...	4,817
Total, Indirect Receipts	4,03,253	7,339	4,10,592	(5) Special tools and plant	2,985	...	2,985
Total, Public Works and Civil Departments, Revenue	22,39,080	70,052	23,09,132	Add—Unclassifiable outlay	...	...	...
Total, Receipts	22,39,080	70,052	23,09,132	Total	5,76,465	30,142	6,06,607
				Total, Extensions and Improvements and Maintenance and Repairs	7,02,375	31,740	7,34,115
				(V. ESTABLISHMENT	1,74,674	18,080	1,92,754
				V. TOOLS AND PLANT	1,928	728	2,656
				VI. REFUND OF REVENUE	6	...	6
				Deduct—Recoveries of expenditure	82	162	244
				Total, Direct Charges	8,78,300	50,386	9,28,686
				Share of collection charges in the Civil department	1,11,474	3,498	1,14,970
				Indirect charges	33,742	...	36,852
				Total, Direct and Indirect Charges	10,24,116	56,922	10,81,108
				Deduct—Old maintenance charges saved to Government.	49,278	7,332	56,610
				Net revenue	9,74,838	49,590	10,23,958
				Balance, Net revenue	12,64,242	20,692	12,85,134
				Grand Total	22,39,080	70,052	23,09,132

Direct—	RS.
Extensions and improvements	1,529
Maintenance and repairs	3,126
Establishment	2,652
Tools and plant	107
Indirect	7,414
Total	7,832

No. 4.—Interest Account for and to end of 1923-1924.

	Amount.		Amount.
	RS.		RS.
Total interest charges to end of 1922-1923	2,22,833	Net revenue realized to end of 1922-1923	12,64,242
Total interest charges for the year 1923-1924	9,039	Net revenue realized during 1923-1924	20,692
Balance, net revenue	10,53,212		
Total	12,85,134	Total	12,85,134

No. 5.—Account of Indirect Charges for and to end of 1923-1924.

Particulars.	Previous.	1923-1924.	Total.
	RS.	RS.	RS.
CAPITAL—			
Capitalization of abatement of land revenue	4,084	...	4,084
Leave and pension allowances	6,415	197	6,613
Audit and accounts	21	25	46
Total	10,521	222	10,743
REVENUE—			
Capitalization of abatement of land revenue	9,050	261	9,311
Leave and pension allowances	24,441	2,631	26,972
Audit and accounts	251	318	569
Total	33,742	3,110	36,852
Grand Total	44,263	3,332	47,595

IRRIGATION BRANCH.

PUBLIC WORKS DEPARTMENT.

GANJAM MINOR RIVERS SYSTEM—Canal Project.

No. 6.—Statement comparing Charges to date with sanctioned estimates.

Particulars.	CHARGES AGAINST CLOSED SANCTIONS.			CURRENT SANCTIONS.			Total charges to date against old and current sanctions.	REMARKS.	
	Expenditure against construction estimate.	Expenditure against open canal sanction.	Total.	Charges to date.	Amount of sanctioned estimate.	Unspent balance of estimate.		G.O. No. and date.	Amount of estimate.
<i>Direct charges.</i>	RS.	RS.	RS.	RS.	RS.	RS.	RS.		RS.
Works ..	1,02,797	1,14,525	2,17,322	3,280	8,710	5,430	2,20,602		
Establishment ..	23,382	21,900	45,282	1,952	2,178	226	47,234		
Tools and plant ..	..	213	213	81	174	93	294		
Suspense account ..	..	..	..	..	..	..	..		
Total ..	1,26,179	1,36,638	2,62,817	5,313	11,062	5,749	2,68,130	Mis. 51 I., 10th Feb. 1922 ..	2,600
Less—Receipts on Capital account ..	..	..	..	..	..	..	..		
Net Total ..	1,26,179	1,36,638	2,62,817	5,313	11,062	5,749	2,68,130	Mis. 410 I., 20th Oct. 1921 ..	2,770
<i>Indirect charges.</i>									
Capitalized abatement of land revenue ..	..	4,084	4,084	..	..	..	4,084		
Leave and pension allowances ..	3,274	3,066	6,340	273	..	— 273	6,613	Mis. No. 334 I., 20th Dec. 1923.	8,340
Audit and accounts ..	..	13	13	32	..	— 32	46		
Total ..	3,274	7,163	10,437	305	..	— 305	10,743		
Grand Total ..	1,29,453	1,43,801	2,73,254	5,619	11,062	5,443	2,78,873		8,710

ADMINISTRATIVE ACCOUNTS FOR THE YEAR 1923-24.

MADRAS PRESIDENCY

GODAVARI DELTA SYSTEM—Canal Project.

No. 2.—Capital Account for and to end of 1923-1924.

Heads of account.	DIRECT CHARGES.			Cost of construction as now estimated (construction estimate closed on 31st March 1890).	Expenditure against estimate.
	Previous.	1923-1924.	Total.		
1	2	3	4	5	6
I. Works—	RS.	RS.	RS.	RS.	RS.
(1) Head Works—					
B. Land ..	13,627	..	13,627	13,627	13,627
C. Works ..	4,76,685	..	4,76,685	4,69,902	4,69,902
K. Buildings ..	48,187	..	48,187	48,187	48,187
L. Earthwork ..	61,467	..	61,467	72,087	61,467
O. Miscellaneous ..	7,231	..	7,231	11,353	5,304
Total ..	6,07,197	..	6,07,197	6,15,136	5,98,487
(2) Main Canals and Branches—					
A. Preliminary expenses ..	51	..	51	51	51
B. Land ..	64,396	..	64,396	62,927	62,927
D. Regulators ..	48,917	2,024	50,941	72,237	48,172
E. Falls and weirs ..	22,337	..	22,337	20,390	20,390
F. River and hill torrent works ..	67,450	..	67,450	67,450	67,450
F (1) Other cross drainage works ..	80,068	..	80,068	80,068	80,068
G. Bridges ..	36,399	835	36,234	75,267	36,099
H. Escapes ..	86,212	..	86,212	86,212	86,212
I. Navigation ..	13,02,034	..	13,02,034	13,02,383	12,74,283
K. Buildings ..	41,171	..	41,171	45,671	41,171
L. Earthwork ..	9,47,171	368	9,47,539	9,41,466	9,41,466
O. Miscellaneous ..	21,873	..	21,873	33,961	23,081
Total ..	27,17,079	3,227	27,20,306	27,88,063	26,81,360
(3) Distributaries—					
A. Preliminary expenses ..	1,139	..	1,139	901	901
B. Land ..	94,397	..	94,397	1,02,690	68,914
C. Works ..	4,61,427	4,789	4,66,216	5,14,306	4,15,040
L. Earthwork ..	3,49,444	4,447	3,53,891	3,97,374	3,17,204
O. Miscellaneous ..	23,189	225	23,414	33,418	19,368
P. Maintenance ..	..	..	..	..	..
Total ..	9,29,596	9,461	9,39,057	10,48,689	8,21,427
(4) Drainage and Protective Works—					
A. Preliminary expenses ..	..	..	..	..	..
B. Land ..	1,84,729	63,205	2,47,934	3,06,527	1,20,897
C. Works ..	2,42,134	2,491	2,44,625	2,86,953	1,93,514
H. Escapes ..	..	..	..	..	..
L. Earthwork ..	14,66,545	36,104	15,02,649	20,33,834	12,98,964
O. Miscellaneous ..	14,518	151	14,669	80,910	8,080
Total ..	19,07,926	1,01,951	20,09,877	27,08,224	16,21,435
(5) Special tools and plant—	76,024	13,115	89,139	1,00,000	..
Provision for unforeseen works ..	..	..	..	..	..
Total outlay on current sanctions ..	62,37,822	1,27,754	63,65,576	72,60,112	57,22,709
Old outlay ..	42,99,072	..	42,99,072	42,99,072	42,99,072
Total Works ..	1,05,36,894	1,27,754	1,06,64,648	1,15,59,184	1,00,21,781
II. ESTABLISHMENT ..	26,33,665	58,033	26,91,698	27,11,856	23,82,119
III. TOOLS AND PLANT ..	9,36,250	1,395	9,37,645	9,44,946	9,26,659
IV. SUSPENSE ACCOUNTS ..	..	..	..	..	..
Grand Total ..	1,41,11,809	1,87,182	1,42,98,991	1,52,15,966	1,33,30,559
V. Less—RECEIPTS ON CAPITAL ACCOUNT ..	1,554	..	1,554	1,554	1,554
Net Total ..	1,41,10,255	1,87,182	1,42,97,437	1,52,14,432	1,33,29,005
Apportionment—					
Chargeable to 49. Irrigation ..	1,36,59,041	..	1,36,59,041	..	..
Chargeable to 55-A. Irrigation—1. Productive ..	4,51,214	1,87,182	6,38,396	..	..
Total ..	1,41,10,255	1,87,182	1,42,97,437	..	..

IRRIGATION BRANCH.

PUBLIC WORKS DEPARTMENT.

GODAVARI DELTA SYSTEM—Canal Project.

No. 3.—Revenue Account for and to end of 1923-1924.

Receipts.	TOTAL.			Charges.	TOTAL.		
	Previous.	1923-1924.	Total.		Previous.	1923-1924.	Total.
I. DIRECT RECEIPTS—				I. EXTENSIONS AND IMPROVEMENTS—			
3. Sale of water ..	Rs. 11,982	Rs. 2,288	Rs. 14,280	(1) Head works ..	Rs. 93,497	Rs. 1,393	Rs. 94,890
4. Water-supply of towns ..	15,509	903	16,412	(2) Main canals and branches ..	5,18,825	6,311	5,25,136
5. Receipts from other plantations ..	3,58,636	17,383	3,76,019	(3) Distributaries ..	6,99,391	4,665	7,04,056
6. Receipts from other canal produce ..	5,91,238	27,814	6,19,052	(4) Drainage and protective works ..	1,20,390	17	1,20,407
8. Navigation receipts ..	45,10,600	1,18,660	46,29,260	(5) Special tools and plant ..	87,882	..	87,882
9. Rents of buildings ..	13,544	493	14,037	Total ..	15,19,982	12,386	15,32,368
10. Fines ..	4,999	85	5,084	II. MAINTENANCE AND REPAIRS—			
11. Miscellaneous ..	3,55,109	21,258	3,76,367	(1) Head works ..	15,38,028	27,090	15,65,118
Deduct—Refunds ..	657	736	1,393	(2) Main canals and branches ..	66,57,114	2,99,211	69,47,325
Total, Revenue realized in Public Works Department ..	58,60,960	1,88,158	60,49,118	(3) Distributaries ..	34,49,698	71,132	35,20,830
Irrigation Revenue realized in Civil Department ..	14,77,28,119	38,76,772	15,16,04,891	(4) Drainage and protective works ..	15,79,806	32,314	16,12,120
Total, Direct Receipts ..	15,35,89,079	40,64,930	15,76,54,009	(5) Special tools and plant ..	4,01,616	..	4,01,616
II. INDIRECT RECEIPTS—				Add—Unclassifiable outlay ..	27,27,548	..	27,27,548
Share of land revenue collected in the Civil Department ..	1,06,98,429	1,92,215	1,08,90,644	Total ..	1,63,53,710	4,20,747	1,67,74,457
Total, Public Works and Civil Departments, Revenue ..	16,42,87,508	42,57,145	16,85,44,653	Total, Extensions and Improvements and Maintenance and Repairs ..	1,78,73,692	4,33,123	1,83,06,825
Total, Receipts ..	16,42,87,508	42,57,145	16,85,44,653	IV. ESTABLISHMENT ..	1,92,97,015	2,32,890	1,95,29,905
				V. TOOLS AND PLANT ..	27,04,333	8,492	27,12,825
				VI. REFUNDS OF REVENUE	19,850	..	19,850
				Deduct—Recovery of Expenditure ..	107	332	439
				Total, Direct Charges ..	3,28,94,883	6,74,183	3,35,69,066
				Share of collection charges in the Civil Department ..	86,94,028	2,03,272	88,97,300
				Indirect charges ..	20,01,659	36,936	20,38,595
				Total, Direct and Indirect Charges ..	4,35,90,570	9,14,391	4,45,04,961
				Balance, net revenue ..	12,06,98,938	33,42,754	12,40,41,692
				Grand Total ..	16,42,87,508	42,57,145	16,85,44,653

No. 4.—Interest Account for and to end of 1923-1924.

	Amount.		Amount.
	Rs.		Rs.
Total interest charges to end of 1922-23 ..	2,45,95,977	Net revenue realized to end of 1922-23 ..	12,06,98,938
Total interest charges for the year 1923-24 ..	5,01,052	Net revenue realized during 1923-24 ..	33,42,754
Balance, net revenue ..	9,89,42,663		
Total ..	12,40,39,692	Total ..	12,40,39,692

ADMINISTRATIVE ACCOUNTS FOR THE YEAR 1923-24.

MADRAS PRESIDENCY

GODAVARI DELTA SYSTEM—Canal Project.

No. 5.—Account of Indirect Charges for and to end of 1923-1924.

Particulars.	Previous.	1923-1924.	Total.
CAPITAL—			
Capitalization of abatement of land revenue ..	Rs. 15,24,142	Rs. ..	Rs. 15,24,142
Leave and pension allowances ..	4,88,222	8,124	4,96,346
Audit and accounts ..	2,817	1,278	4,095
Total ..	20,15,181	9,402	20,24,583
REVENUE—			
Capitalization of abatement of land revenue ..	1,01,936	..	1,01,936
Leave and pension allowances ..	18,89,822	32,635	19,22,457
Audit and accounts ..	9,901	4,331	14,232
Total ..	20,01,659	36,936	20,38,595
Grand Total ..	40,16,840	46,338	40,63,178

No. 6.—Statement comparing Charges to date with Sanctioned Estimates.

Particulars.	CHARGES AGAINST CLOSED SANCTIONS.			CURRENT SANCTIONS.			Total charges to date against old and current sanctions.	REMARKS.	
	Expenditure against construction estimate.	Expenditure against open canal sanction.	Total.	Charges to date.	Amount of sanctioned estimate.	Unspent balance of estimate.		G.O. No. and date.	Amount of estimate.
Direct Charges.									
Works ..	Rs. 79,85,366	Rs. 20,36,415	Rs. 1,00,21,781	Rs. 6,42,867	Rs. 15,37,403	Rs. 8,94,536	Rs. 1,06,64,642	275 I., 4th June 1915.	Rs. 8,470
Establishment ..	19,55,654	4,26,465	23,82,119	3,14,579	3,29,737	15,158	26,96,698	497 I., 11th Nov. 1915.	10,600
Tools and plant ..	8,69,822	56,837	9,26,659	10,986	18,287	7,301	9,37,645	137 I., 23rd Mar. 1916.	2,000
Suspense account ..	..	..	..	..	..	..	..	183 I., 10th May 1917.	57,702
Total ..	1,08,10,842	25,19,717	1,33,30,559	9,68,432	18,85,427	9,16,995	1,42,98,991	265 I., 28th June 1917.	1,45,300
Less—Receipts on capital account ..	933	621	1,554	..	..	..	1,554	415 I., 10th Oct. 1917.	6,049
Net Total ..	1,08,09,909	25,19,096	1,33,29,005	9,68,432	18,85,427	9,16,995	1,42,97,437	168 I., 14th May 1918.	17,990
Indirect Charges.									
Capitalized abatement of land revenue ..	14,95,991	28,151	15,24,142	..	..	..	15,24,142	Mis. 613 I., 13th December 1918.	1,37,000
Leave and pension allowances ..	3,92,601	59,705	4,52,306	44,040	..	— 44,040	4,96,346	Mis. 247 I., 18th August 1918.	11,200
Audit and accounts ..	..	364	364	3,781	..	— 3,781	4,095	Mis. 270 I., 17th Sep. 1919.	2,690
Total ..	18,88,592	88,220	19,76,812	47,771	..	— 47,771	20,24,583	Mis. 60 I., 9th Feb. 1920.	4,000
Grand Total ..	1,26,98,501	26,07,316	1,53,05,817	10,16,203	18,85,427	8,69,224	1,63,22,020	Mis. 108 I., 25th March 1920.	9,74,000
								Mis. 276 I., 19th Sep. 1919.	1,300
								Mis. 103 I., 21st March 1920.	8,300
								382 I., 17th November 1920	1,750
								368 I., 9th December 1920	2,260
								151 I., 12th May 1921.	2,150
								217 I., 29th June 1921.	2,250
								237 I., 8th July 1921.	1,480
								323 I., 23rd August 1921.	70,000
								360 I., 15th September 1921.	7,700
								415 I., 28th October 1921.	4,500
								437 I., 16th September 1921.	10,500
								30 I., 11th March 1922.	1,100
								22 I., 24th January 1923.	8,119
								67 I., 7th March 1923.	12,900
								169 I., 30th May 1922.	2,191
								168 I., 6th October 1923.	1,470
								212 I., 1st August 1923.	12,237
								329 I., 14th December 1923.	1,165
								63 I., 4th March 1924.	9,000

IRRIGATION BRANCH.

PUBLIC WORKS DEPARTMENT.

KISTNA DELTA SYSTEM—Canal Project.

No. 2.—Capital Account for and to end of 1923-1924.

Heads of account.	DIRECT CHARGES.			Cost of construction as now estimated (construction estimate closed on 31st March 1898).	Expenditure against closed estimate.
	Previous.	1923-1924.	Total.		
I. Works—	RS.	RS.	RS.	RS.	RS.
(1) <i>Head Works—</i>					
B. Land	12,732	..	12,732	12,732	12,732
C. Works	6,65,413	26,793	6,92,206	10,55,413	6,65,413
K. Buildings	1,02,702	..	1,02,702	1,02,702	1,02,702
O. Miscellaneous	2,971	..	2,971	2,971	2,971
Total	7,83,818	26,793	8,10,611	11,73,841	7,83,841
(2) <i>Main Canals and Branches—</i>					
A. Preliminary expenses	1,853	..	1,853	1,203	1,203
B. Land	1,09,919	563	1,10,482	1,10,704	1,09,904
D. Regulators	2,72,340	401	2,71,939	2,74,518	2,63,498
E. Falls and weirs	18,119	..	18,119	18,119	18,119
F. River and hill torrent works	4,43,712	..	4,43,712	4,42,084	4,42,084
F. (1) Other cross drainage works	97,904	..	97,904	99,532	99,532
G. Bridges	1,80,221	4,013	1,84,234	2,02,786	1,68,460
H. Escapes	84,128	..	84,128	84,128	84,128
I. Navigation works	6,93,136	131	6,93,267	6,93,252	6,93,252
K. Buildings	1,49,657	..	1,49,657	1,49,301	1,49,301
L. Earthwork	19,92,949	1,196	19,94,145	20,32,325	20,24,705
N. Tanks and reservoirs	1,213	..	1,213	1,213	1,213
O. Miscellaneous	1,41,715	250	1,41,965	1,44,804	1,41,714
Total	41,86,866	5,752	41,92,618	42,54,058	41,97,103
(3) <i>Distributaries—</i>					
A. Preliminary expenses	4,171	..	4,171	4,171	4,171
B. Land	3,79,648	123	3,79,771	3,77,191	3,66,127
C. Works	6,69,474	1,024	6,70,498	6,79,874	6,48,876
L. Earthwork	8,91,346	..	8,91,346	8,94,503	8,74,769
O. Miscellaneous	86,732	22	86,754	87,237	85,367
Total	20,31,371	1,169	20,32,540	20,42,076	19,79,310
(4) <i>Drainage and Protective Works—</i>					
A. Preliminary expenses	774	..	774	774	774
B. Land	1,56,107	220	1,56,327	2,64,015	1,38,161
C. Works	3,53,592	3,198	3,56,790	4,82,985	3,42,395
L. Earthwork	15,98,066	..	15,98,066	20,51,811	15,42,591
O. Miscellaneous	47,598	..	47,598	45,218	41,380
P. Maintenance	2,985	..	2,985	2,985	2,985
Total	21,59,122	3,418	21,62,540	27,57,788	20,68,286
(5) <i>Special tools and plant</i>	..	..	..	50,000	..
Provision for unforeseen works	..	..	..	56,380	..
Total outlay on current sanctions	91,61,177	37,132	91,98,309	1,03,65,013	90,28,540
Old outlay	30,81,755	..	30,81,755	30,81,755	30,81,755
Total, Works	1,22,42,932	37,132	1,22,80,064	134,46,768	1,21,10,295
II. ESTABLISHMENT	27,93,313	16,306	28,09,619	30,61,932	27,33,605
III. TOOLS AND PLANT	7,01,010	347	7,01,357	7,25,983	7,00,564
Grand Total	1,57,37,255	53,785	1,57,91,040	1,72,34,713	1,55,44,454
V. <i>Less—RECEIPTS ON CAPITAL ACCOUNT</i>	18,540	360	18,900	18,900	18,900
Net Total	1,57,18,715	53,425	1,57,72,140	1,72,15,813	1,55,25,554
<i>Apportionment—</i>					
Chargeable to 49. Irrigation	1,55,95,783	..	1,55,95,783	..	..
Chargeable to 55-A. Irrigation—1. Productive	1,22,932	53,425	1,76,357	..	..
Total	1,57,18,715	53,425	1,57,72,140	..	..

ADMINISTRATIVE ACCOUNTS FOR THE YEAR 1923-24.

MADRAS PRESIDENCY

KISTNA DELTA SYSTEM—Canal Project.

No. 3.—Revenue Account for and to end of 1923-24.

Receipts.	TOTAL.			Charges.	TOTAL.		
	Previous.	1923-1924.	Total.		Previous.	1923-1924.	Total.
I. DIRECT RECEIPTS—	RS.	RS.	RS.	I. EXTENSIONS AND IMPROVEMENTS—	RS.	RS.	RS.
3. Sale of water	9,412	1,161	10,573	(1) Head works	1,01,576	306	1,01,882
4. Water-supply of towns	58,145	..	58,145	(2) Main canals and branches	4,16,519	5,618	4,22,137
6. Receipts from plantations	3,57,243	4,980	3,62,223	(3) Distributaries	5,65,271	7,630	5,72,901
6. Receipts from other canal produce	7,55,668	50,193	8,05,861	(4) Drainage and protective works	1,29,802	157	1,29,959
7. Water power	831	..	831	(5) Special tools and plant—	19,664	..	19,664
8. Navigation receipts	20,14,717	81,643	20,96,360	Total	12,32,832	13,711	12,46,543
9. Rents of buildings	71,820	2,380	74,200	II. MAINTENANCE AND REPAIRS—			
10. Fines	827	10	837	(1) Head works	8,59,459	18,445	8,77,904
11. Miscellaneous	1,13,161	1,421	1,14,582	(2) Main canals and branches	67,94,288	1,85,394	69,79,682
Deduct Refunds	463	401	864	(3) Distributaries	32,50,271	1,00,458	33,50,729
Total, Revenue realized in Public Works Department	33,81,361	1,41,387	35,22,748	(4) Drainage and protective works	5,45,764	6,157	5,51,921
Irrigation Revenue realized in Civil Department	11,48,35,309	36,50,152	11,84,85,460	(5) Special tools and plant	2,30,755	..	2,30,755
Total, Direct Receipts	11,82,16,069	37,91,539	12,20,08,208	Add—Unclassifiable outlay	9,10,934	..	9,10,934
II. INDIRECT REVENUE—				Total	1,25,91,461	3,10,454	1,29,01,915
Share of land revenue collected in the Civil Department	81,43,205	1,35,582	82,78,787	Total, Extensions and Improvements and Maintenance and Repairs	1,38,24,293	3,24,165	1,41,48,458
Total, Public Works and Civil Departments Revenue	12,63,59,374	39,27,121	13,02,86,995	IV. ESTABLISHMENT	96,34,323	1,42,356	97,76,679
Total, Receipts	12,63,59,374	39,27,121	13,02,86,995	V. TOOLS AND PLANT	18,89,674	3,030	18,92,704
				VI. REFUNDS OF REVENUE	25,907	..	25,907
				Deduct Recoveries on Revenue Account	407	188	593
				Total, Direct Charges	2,53,73,790	4,69,365	2,58,43,155
				Share of collection charges in the Civil Department	64,98,587	1,88,295	66,86,882
				Indirect charges	14,72,622	23,523	14,96,145
				Total, Direct and Indirect Charges	3,33,44,999	6,81,183	3,40,26,182
				Balance, net revenue	9,30,14,875	32,45,938	9,62,60,813
				Grand Total	12,63,59,374	39,27,121	13,02,86,995

No. 4.—Interest Account for and to end of 1923-1924.

	Amount.		Amount.
	RS.		RS.
Total interest charges to end of 1922-1923	2,26,35,043	Net revenue realized to end of 1922-1923	9,30,14,875
Total interest charges for the year 1923-1924	5,35,141	Net revenue realized during 1923-1924	32,45,938
Balance, net revenue	7,30,90,629		
Total	9,62,60,813	Total	9,62,60,813

No. 5.—Account of Indirect Charges for and to end of 1923-1924.

Particulars.	Previous.	1923-1924.	Total.
CAPITAL—	RS.	RS.	RS.
Capitalization of abatement of land revenue	6,16,315	394	6,16,709
Leave and pension allowances	4,69,005	2,282	4,71,287
Audit and Accounts	772	371	1,143
Total	10,86,092	3,047	10,89,139
REVENUE—			
Capitalization of abatement of land revenue	25,437	351	25,788
Leave and pension allowances	14,40,652	19,930	14,60,582
Audit and Accounts	6,533	3,242	9,775
Total	14,72,622	23,523	14,96,145
Grand Total	25,58,714	26,570	25,85,284

KISTNA DELTA SYSTEM—Canal Project.

No. 6.—Statement comparing Charges to date with Sanctioned Estimate.

Particulars.	CHARGES AGAINST CLOSED SANCTIONS.			CURRENT SANCTIONS.			Total charges to date against old and current sanctions.	REMARKS.	
	Expenditure against construction estimate.	Expenditure against open canal sanctions.	Total.	Charges to date.	Amount of sanctioned estimate.	Unspent balance of estimate.		G.O. No. and date.	Amount of estimate.
<i>Direct Charges.</i>	RS.	RS.	RS.	RS.	RS.	RS.	RS.	<i>Direct Charges.</i>	RS.
Works	91,90,888	26,19,407	1,21,10,295	1,69,769	13,36,503	11,66,734	1,22,80,064	480 I., 25th Sep. 1916.	2,190
Establishment ..	22,14,258	5,18,347	27,38,605	76,014	3,23,327	2,52,313	28,09,619	430 I., 25th Sep. 1916.	10,810
Tools and plant ..	6,60,944	39,610	7,00,554	803	26,429	24,626	7,01,257	454 I., 11th Oct. 1916.	3,600
Suspense account ..	..	..	..	..	..	..	..	588 I., 16th Dec. 1916.	2,350
Total ..	1,23,66,090	31,78,364	1,55,44,454	2,46,586	16,90,259	14,43,673	1,57,91,040	260 I., 26th June 1917.	23,200
<i>Less—Receipts on Capital Account.</i>	15,400	3,500	18,900	..	..	..	18,900	362 I., 28th ..	2,300
Net Total ..	1,23,50,690	31,74,864	1,55,25,554	2,46,586	16,90,259	14,43,673	1,57,72,140	314 I., 27th July 1917.	1,555
<i>Indirect Charges.</i>								Mis. 128 I., 6th April 1918.	3,720
Capitalized abatement of land revenue.	4,53,037	1,60,314	6,13,351	3,358	..	— 3,358	6,16,709	Mis. 216 I., 17th June 1918.	3,200
Leave and pension allowances.	3,87,938	72,708	4,60,646	10,641	..	— 10,641	4,71,287	Mis. 379 I., 20th Nov. 1918.	3,600
Audit and Accounts ..	..	832	832	311	..	— 311	1,143	Mis. 46 I., 8th Feb. 1919.	1,650
Total ..	8,40,975	2,33,854	10,74,829	14,310	..	— 14,310	10,89,139	Mis. 160 I., 11th May 1920.	2,150
Grand Total ..	1,31,91,665	34,08,718	1,66,00,383	2,60,896	16,90,259	14,43,673	1,68,61,279	Mis. 195 I., 3rd July 1920.	9,700
								Mis. 1919.	2,493
								Mis. 268 I., 9th Sep. 1919.	1,590
								Mis. 289 I., 4th Oct. 1919.	2,200
								Mis. 290 I., 4th Oct. 1919.	20,600
								Mis. 235 I., 30th June 1920.	2,620
								Mis. 81 I., 1st March 1920.	2,400
								Mis. 183 I., 2nd May 1919.	2,060
								Mis. 89 I., 5th March 1920.	1,830
								Mis. 220 I., 20th June 1918.	1,640
								Mis. 181 I., 11th June 1919.	12,035
								Mis. 184 I., 14th June 1921.	5,700
								Mis. 224 I., 1st July 1921.	13,200
								Mis. 249 I., 19th Aug. 1919.	14,200
								Mis. 188 I., 16th June 1921.	2,300
								Mis. 178 I., 7th June 1922.	9,400
								Mis. 192 I., 7th July 1922.	2,160
								Mis. 237 I., 23rd Sep. 1922.	7,35,000
								Mis. 252 I., 9th Oct. 1922.	1,420
								Mis. 358 I., 5th Oct. 1921.	3,700
								Mis. 141 I., 24th April 1922.	12,900
								Mis. 67 I., 7th March 1923.	2,200
								Mis. 102 I., 3rd May 1923.	3,90,000
								Mis. 71 I., 25th June 1923.	2,000
								Mis. 230 I., 15th Aug. 1923.	20,700
								Mis. 22 I., 18th Jan. 1924.	2,230
								Mis. 77 I., 17th March 1924.	
Total ..									13,36,503

DIVI PUMPING SYSTEM—Canal Project.

No. 2.—Capital Account for and to end of 1923-1924.

Heads of account.	DIRECT CHARGES.			Cost of construction as now estimated (construction estimate closed on 31st October 1913).	Expenditure against closed estimate.
	Previous.	1923-1924.	Total.		
1	2	3	4	5	6
I. WORKS—	RS.	RS.	RS.	RS.	RS.
(1) Head Works—					
A. Old outlay	16,954	..	16,954	17,468	17,468
B. Preliminary expenses	383	..	383	..	..
C. Land	10,478	..	10,478	10,480	10,480
D. Works	1,42,242	..	1,42,242	1,48,099	1,48,099
E. Buildings	4,16,158	..	4,16,158	4,10,911	4,10,911
F. Miscellaneous	15,520	..	15,520	14,897	14,897
G. Maintenance	4,070	..	4,070	4,071	4,071
H. Unforeseen Works	..	..	..	..	..
Total ..	6,05,805	..	6,05,805	6,05,926	6,05,926
(2) Main Canals and Branches—					
A. Preliminary expenses	35,782	..	35,782	35,781	35,781
B. Land	27,998	304	28,302	31,841	28,412
C. Regulators	..	..	..	665	..
D. Falls and weirs	..	..	..	..	..
E. River and hill torrent works ..	..	..	..	..	..
F. (1) Other cross drainage works ..	..	..	..	..	..
G. Bridges	37,526	..	37,526	38,534	37,526
H. Escapes	..	..	..	..	..
I. Navigation works	..	..	..	..	..
J. Buildings	1,07,864	..	1,07,864	1,20,615	1,07,866
K. Earthwork	..	..	..	..	..
L. Tanks and reservoirs	2,259	..	2,259	2,291	1,945
M. Miscellaneous	4,516	..	4,516	4,516	4,516
N. Maintenance	..	..	..	..	..
O. Unforeseen Works	..	..	..	..	..
Total ..	2,15,945	304	2,16,249	2,34,246	2,16,046
(3) Distributaries—					
A. Preliminary expenses	7,997	..	7,997	4,455	4,455
B. Land	42,239	6	42,245	41,488	33,728
C. Works	28,226	..	28,226	9,905	9,000
D. Earthwork	81,167	..	81,167	98,199	92,619
E. Miscellaneous	11,490	20	11,510	21,836	16,891
F. Unforeseen works	..	..	..	..	..
Total ..	1,71,119	26	1,71,145	1,76,883	1,56,693
(4) Drainage and Protective Works—					
A. Preliminary expenses	3,449	8	3,457	3,827	2,687
B. Land	87,261	21	87,282	25,392	19,882
C. Works	851	159	1,010	54,465	41,915
D. Earthwork	434	41	475	5,496	1,898
E. Miscellaneous	..	..	..	..	..
F. Maintenance	..	..	..	..	..
G. Lump sum provision	..	..	..	..	..
Total ..	91,995	229	92,224	95,110	66,362
(5) Special tools and plant—					
A. Preliminary expenses	28,410	2,98,944	3,27,354	3,16,300	..
Total outlay on current sanctions ..	11,13,274	2,99,503	14,12,777	14,27,465	10,45,047
II. ESTABLISHMENT	2,38,101	1,31,526	3,67,627	2,96,017	1,99,333
III. TOOLS AND PLANT	6,73,812	2,799	6,76,611	6,80,825	6,73,725
Grand Total ..	20,23,187	4,33,828	24,57,015	24,04,307	19,18,105
V. Less—RECEIPTS ON CAPITAL ACCOUNT ..	490	..	490	377	377
Net Total ..	20,22,697	4,33,828	24,56,525	24,03,930	19,17,728
VI. APPORTIONMENT—					
Chargeable to 49. Irrigation	19,55,450	..	19,55,450	..	..
Do. to 43. do. Provincial	16,954	..	16,954	..	..
Do. to 55-A do. 1. Productive ..	49,293	4,33,828	4,83,121	..	..
Total ..	20,22,697	4,33,828	24,56,525	..	..

MADRAS PRESIDENCY

No. 5.—Account of Indirect Charges for and to end of 1923-1924.

Particulars.		Previous.	1923-1924.	Total
CAPITAL—		RS.	RS.	RS.
Capitalization of abatement of land revenue		4,320	70	4,390
Leave and pension allowances		33,054	18,414	51,468
Audit and accounts		313	2,995	3,308
	Total ..	37,687	21,479	59,166
REVENUE—				
Capitalization of abatement of land revenue		334	..	334
Leave and pension allowances		58,439	6,447	64,886
Audit and accounts		2,034	1,049	3,083
	Total ..	60,807	7,496	68,303
	Grand Total ..	98,494	28,975	1,27,469

Particulars.	CHARGES AGAINST CLOSED SANCTIONS.			CURRENT SANCTIONS.			Total charges to date against old and current sanctions.	REMARKS.	
	Expenditure against construction estimate.	Expenditure against open canal sanctions.	Total.	Charges to date.	Amount of sanctioned estimate.	Unspent balance of estimate.		G.O. No. and date.	Amount of estimate.
<i>Direct Charges.</i>	RS.	RS.	RS.	RS.	RS.	RS.	RS.		RS.
Works.. ..	9,86,285	58,762	10,45,047	3,67,730	3,82,418	14,688	14,12,777		
Establishment	1,87,250	12,083	1,99,333	1,68,294	96,684	— 71,610	3,67,627		
Tools and plant.. ..	6,71,389	2,336	6,73,725	2,888	7,100	4,214	6,76,611		
Suspense account	..	..	..	..	..	..	..		
Total ..	18,44,924	73,181	19,18,105	5,38,910	4,86,202	— 52,708	24,57,015		
<i>Less—Receipts on Capital Account</i>	377	..	377	113	..	— 113	490	Mis. 12 I., dated 5th January 1917.	<i>Direct—</i> 22,000
Net Total ..	18,44,547	73,181	19,17,728	5,38,797	4,86,202	— 52,595	24,56,525	Mis. 50 I., dated 19th Feb. 1919.	1,720
<i>Indirect Charges.</i>								Mis. 53 I., dated 21st Feb. 1919.	2,300
Capitalized abatement of land revenue.	379	3,941	4,320	70	..	— 70	4,390	Mis. 145 I., dated 7th May 1921.	1,560
Leave and pension allowances	26,215	1,692	27,907	23,561	..	— 23,561	51,468		
Audit and accounts	..	23	23	3,285	..	— 3,285	3,308		
Total ..	26,594	5,656	32,250	26,916	..	— 26,916	59,166	Mis. 220 I., dated 20th October 1918.	1,830
Grand Total ..	18,71,141	78,837	19,49,978	5,65,713	4,86,202	— 79,511	25,15,691	Mis. 173 I., dated 17th May 1920.	11,200
								Mis. 271 I., dated 11th Sep. 1919.	1,190
								Mis. 85 I., dated 20th Feb. 1918.	3,080
								Mis. 141 I., dated 3rd May 1921.	3,16,300
								Mis. 404 I., dated 21st October 1921.	6,800
								Mis. 90 I., dated 5th May 1922.	3,038
								Mis. 162 I., dated 16th June 1923.	11,400
								Total ..	3,82,418

		Amount.			Amount.
		RS.			RS.
Total interest charges to end of 1922-1923 ..	..	10,33,641	Net revenue realized to end of 1922-1923 ..	..	7,91,761
Total interest charges for the year 1923-1924 ..	..	82,407	Net revenue realized during 1923-1924 ..	..	54,155
			Balance net interest charge ..	..	2,70,222
Total ..	..	11,16,138		Total ..	11,16,138

IRRIGATION BRANCH.

PUBLIC WORKS DEPARTMENT.

PENNER RIVER CANALS SYSTEM—Canal Project.

No. 2.—Capital Account for and to end of 1923-1924.

Heads of account.	DIRECT CHARGES.			Cost of construction as now estimated (construction estimate closed on 31st March 1894).	Expenditure against closed estimate.
	Previous.	1923-1924.	Total.		
1	2	3	4	5	6
I. WORKS—	RS.	RS.	RS.	RS.	RS.
(1) <i>Head Works—</i>					
A. Preliminary expenses ..	51,130	..	51,130	51,130	51,130
B. Land ..	18,513	..	18,513	18,513	18,513
C. Works ..	7,40,984	..	7,40,984	7,40,984	7,40,984
K. Buildings ..	24,039	..	24,039	24,039	24,039
O. Miscellaneous ..	32,502	..	32,502	32,502	32,502
P. Maintenance ..	4,105	..	4,105	4,105	4,105
Total ..	8,71,273	..	8,71,273	8,71,273	8,71,273
(2) <i>Main Canals and Branches—</i>					
A. Preliminary expenses ..	506	..	506	506	506
B. Land ..	3,92,241	..	3,92,241	3,92,241	3,92,241
D. Regulators ..	2,13,572	25	2,13,597	2,14,182	2,12,682
E. Falls and weirs ..	36,643	..	36,643	36,643	36,643
F. River and hill torrent works ..	1,559	..	1,559	1,559	1,559
G. (1) Other cross drainage works ..	3,594	..	3,594	3,594	3,594
G. Bridges ..	62,275	..	62,275	62,275	62,275
H. Escapes ..	21,981	396	22,377	27,109	25,276
L. Earthwork ..	18,442	..	18,442	18,442	18,442
K. Buildings ..	4,02,471	..	4,02,471	4,02,471	4,02,471
N. Tanks and reservoirs ..	3,74,582	..	3,74,582	3,76,888	3,76,888
O. Miscellaneous ..	23,942	..	23,942	23,942	23,942
P. Maintenance ..	22,082	..	22,082	22,082	22,082
Total ..	15,73,820	421	15,74,311	15,76,901	15,73,468
<i>Reservoirs—</i>					
B. Land ..	159	..	159	159	159
C. Works ..	37,498	..	37,498	37,498	37,498
L. Earthwork ..	40,176	..	40,176	40,176	40,176
O. Miscellaneous ..	132	..	132	132	132
Total ..	77,965	..	77,965	77,965	77,965
(3) <i>Distributaries—</i>					
A. Preliminary expenses ..	100	..	100	100	100
B. Land ..	89,184	..	89,184	90,079	90,029
C. Works ..	4,62,950	348	4,63,298	4,80,808	4,61,318
L. Earthwork ..	5,48,521	..	5,48,521	5,63,881	5,58,121
N. Tanks and reservoirs ..	1,15,250	..	1,15,250	1,15,250	1,15,250
O. Miscellaneous ..	16,981	..	16,981	17,020	17,020
P. Maintenance ..	9,469	..	9,469	9,469	9,469
Total ..	12,42,455	348	12,42,803	12,76,607	12,51,307
(4) <i>Drainage and Protective Works—</i>					
B. Land ..	27,998	..	27,998	26,217	26,217
C. Works ..	67,264	..	67,264	63,961	63,961
L. Earthwork ..	2,37,122	..	2,37,122	2,29,927	2,29,927
O. Miscellaneous ..	1,599	..	1,599	1,599	1,599
Total ..	3,33,983	..	3,33,983	3,21,704	3,21,704
(5) <i>Special tools and plant—</i>					
Total outlay on current sanctions ..	40,99,566	769	41,00,335	41,22,617	40,95,717
Old outlay ..	5,26,117	..	5,26,117	5,26,117	5,26,117
Total, Works ..	46,25,683	769	46,26,452	46,48,734	46,21,834
II. ESTABLISHMENT ..	9,60,704	338	9,61,042	9,66,441	9,59,885
III. TOOLS AND PLANT ..	1,44,276	7	1,44,283	1,44,783	1,44,309
Grand Total ..	57,30,662	1,114	57,31,776	57,59,958	57,26,028
V. Loss—RECEIPTS ON CAPITAL ACCOUNT ..	2,858	..	2,858	2,858	2,858
Net Total ..	57,27,804	1,114	57,28,918	57,57,100	57,23,170
<i>Apportionment—</i>					
Chargeable to 49. Irrigation ..	57,19,935	..	57,19,935	..	..
Chargeable to 55-A. Irrigation—1. Productive ..	7,869	1,114	8,983	..	..
Total ..	57,27,804	1,114	57,28,918	..	..

ADMINISTRATIVE ACCOUNTS FOR THE YEAR 1923-24.

MADRAS PRESIDENCY

PENNER RIVER CANALS SYSTEM—Canal Project.

No. 3.—Revenue Account for and to end of 1923-1924.

Receipts.	TOTAL.			Charges.	TOTAL.		
	Previous.	1923-1924.	Total.		Previous.	1923-1924.	Total.
I. DIRECT RECEIPTS—	RS.	RS.	RS.	I. EXTENSIONS AND IMPROVEMENTS—	RS.	RS.	RS.
5. Receipts from plantations ..	1,886	..	1,886	(1) Head works ..	13,882	693	14,575
6. Receipts from other canal produce ..	74,144	1,701	75,845	(2) Main canals and branches ..	97,675	244	97,919
9. Rents of buildings ..	10,563	519	11,082	(3) Distributaries ..	2,47,434	1,166	2,48,600
10. Fines ..	11	..	11	(4) Drainage and protective works ..	21,423	..	21,423
11. Miscellaneous ..	7,635	787	8,422	(5) Special tools and plant ..	207	..	207
Deduct—Refunds ..	47	464	511	Add—Unclassifiable outlay ..	8,370	..	8,370
Total, Revenue realized in Public Works Department ..	94,092	2,542	96,635	Total ..	3,88,577	2,103	3,90,680
Irrigation revenue realized in Civil Department ..	1,59,80,541	4,91,265	1,64,71,806	II. MAINTENANCE AND REPAIRS—			
Total, Direct Receipts ..	1,60,74,633	4,93,808	1,65,68,441	(1) Head works ..	4,11,745	9,870	4,21,615
II. INDIRECT RECEIPTS—				(2) Main canals and branches ..	9,92,738	52,792	10,45,525
Share of land revenue collected in the Civil Department ..	20,29,165	60,507	20,89,672	(3) Distributaries ..	10,17,815	22,599	10,40,414
Total, Public Works and Civil Departments, Revenue ..	1,81,03,798	5,54,315	1,86,58,113	(4) Drainage and protective works ..	87,760	4,374	92,134
III. COMPENSATION ..				(5) Special tools and plant ..	549	..	549
Total, Extensions and Improvements and Maintenance and Repairs ..	29,29,805	91,738	30,21,543	Add—Unclassifiable outlay ..	23,236	..	23,236
IV. ESTABLISHMENT ..	14,89,517	40,286	15,29,803	Total ..	25,33,835	89,633	26,23,473
V. TOOLS AND PLANT ..	20,227	857	21,084	VI. REFUNDS OF REVENUE ..	7,390	..	7,390
VI. REFUNDS OF REVENUE ..	1,907	..	1,907	Total, Direct Charges ..	44,50,456	1,32,881	45,83,337
Total, Direct Charges ..	44,50,456	1,32,881	45,83,337	Share of collection charges in the Civil Department ..	9,26,278	26,918	9,53,196
Share of collection charges in the Civil Department ..	9,26,278	26,918	9,53,196	Indirect charges ..	2,56,746	6,557	2,63,303
Indirect charges ..	2,56,746	6,557	2,63,303	Total, Direct and Indirect Charges ..	56,33,480	1,66,356	57,99,836
Total, Direct and Indirect Charges ..	56,33,480	1,66,356	57,99,836	* Deduct—Old maintenance charges saved to Government ..	19,61,131	45,071	20,06,202
* Deduct—Old maintenance charges saved to Government ..	19,61,131	45,071	20,06,202	Net Total ..	36,72,349	1,21,285	37,93,634
Balance, net revenue ..	1,44,31,449	4,33,030	1,48,64,479	Grand Total ..	1,81,03,798	5,54,315	1,86,58,113
Grand Total ..	1,81,03,798	5,54,315	1,86,58,113				

* Direct—	RS.
Extensions and improvements ..	3,909
Maintenance and repairs ..	25,744
Establishment ..	13,022
Tools and plant ..	277
Total ..	42,952
Indirect ..	2,119
Total, Direct and Indirect ..	45,071

No. 4.—Interest Account for and to end of 1923-1924.

	Amount.		Amount.
	RS.		RS.
Total interest charges to end of 1922-1923 ..	84,50,982	Net revenue realized to end of 1922-1923 ..	1,44,31,449
Total interest charges for the year 1923-1924 ..	1,81,321	Net revenue realized during 1923-1924 ..	4,33,030
Balance, net revenue ..	62,22,176		..
Total ..	1,48,64,479	Total ..	1,48,64,479

IRRIGATION BRANCH.

PUBLIC WORKS DEPARTMENT.

PENNER RIVER CANALS SYSTEM—Canal Project.

No. 5.—Account of Indirect Charges for and to end of 1923-1924.

Particulars.	Previous.	1923-1924.	Total.
CAPITAL—	RS.	RS.	RS.
Capitalization of abatement of land revenue	8,56,767	..	8,56,767
Leave and pension allowances	1,56,812	47	1,56,859
Audit and accounts	52	8	60
Total ..	10,13,631	55	10,13,686
REVENUE—	RS.	RS.	RS.
Capitalization of abatement of land revenue	32,761	..	32,761
Leave and pension allowances	2,22,004	5,640	2,27,644
Audit and accounts	1,981	917	2,898
Total ..	2,56,746	6,557	2,63,303
Grand Total ..	12,70,377	6,612	12,76,989

ADMINISTRATIVE ACCOUNTS FOR THE YEAR 1923-24.

MADRAS PRESIDENCY

ARKENKOTA CHANNEL—Canal Project.

No. 2.—Capital Account for and to end of 1923-1924.

Heads of account.	DIRECT CHARGES.			Cost of construction as now estimated (construction estimate closed on 31st March 1894).	Expenditure against closed estimate.
	Previous.	1923-1924.	Total.		
I. WORKS—	RS.		RS.	RS.	RS.
(1) <i>Head Works—</i>					
C. Works	8,281	..	8,281	8,281	8,281
Total ..	8,281	..	8,281	8,281	8,281
(2) <i>Main Canals and Branches—</i>					
D. Regulators	14,621	..	14,621	14,621	14,621
F. (1) Other cross drainage works	75,732	..	75,732	75,732	75,732
L. Earthwork	15,871	..	15,871	15,871	15,871
Total ..	1,06,224	..	1,06,224	1,06,224	1,06,224
Total, Works ..	1,14,505	..	1,14,505	1,14,505	1,14,505
II. ESTABLISHMENT	26,264	..	26,264	26,264	26,264
III. TOOLS AND PLANT	..	..	..	..	..
* Grand Total ..	*1,40,769	..	1,40,769	1,40,769	1,40,769

* Chargeable to '43. Minor Works and Navigation—Provincial.'

No. 6.—Statement comparing Charges to date with Sanctioned Estimates.

Particulars.	CHARGES AGAINST CLOSED SANCTIONS.			CURRENT SANCTIONS.			Total charges to date against old and current sanctions.	REMARKS.	
	Expenditure against construction estimate.	Expenditure against open canal sanction.	Total.	Charges to date.	Amount of sanctioned estimate.	Unspent balance of estimate.		G.O. No. and date.	Amount of estimate.
Direct Charges.	RS.	RS.	RS.	RS.	RS.	RS.	RS.		RS.
Works	37,49,097	8,65,250	46,14,347	12,105	26,900	14,795	46,26,452		
Establishment	8,05,532	1,52,389	9,57,921	3,121	6,566	3,435	9,61,042		
Tools and plant	1,42,971	1,236	1,44,207	75	474	399	1,44,282		
Suspense account	..	..	..	..	..	..	..		
Total ..	46,97,600	10,18,875	57,16,475	15,301	33,930	18,629	57,31,776		
Less—Receipts on Capital Account	55	2,803	2,858	..	..	..	2,858		
Net Total ..	46,97,545	10,16,072	57,13,617	15,301	33,930	18,629	57,28,918	Mis. 362 L., 12th Sep. 1917.	2,460
Indirect Charges.									
Capitalized abatement of land revenue	7,99,748	57,019	8,56,767	..	..	..	8,56,767		
Leave and pension allowances	1,35,090	21,334	1,56,424	435	..	—435	1,56,859	Mis. 81 L., 26th March 1919.	1,280
Audit and accounts	..	..	..	60	..	—60	..	Mis. 333 L., 29th Oct. 1920.	1,600
Total ..	9,34,838	78,353	10,13,191	495	..	—495	10,13,686	Mis. 397 L., 18th Oct. 1921.	1,360
Grand Total ..	56,32,383	10,94,425	67,26,808	16,796	33,930	18,134	67,42,604	Mis. 501 L., 19th Dec. 1921. Mis. 219 L., 7th Aug. 1923.	4,000 16,200
								Total ..	26,900

IRRIGATION BRANCH.

PUBLIC WORKS DEPARTMENT.

ARRENKOTA CHANNEL—Canal Project.

No. 3.—Revenue Account for and to end of 1923-1924.

Receipts.	TOTAL.			Charges.	TOTAL.		
	Previous.	1923-1924.	Total.		Previous.	1923-1924.	Total.
I. DIRECT RECEIPTS—							
Plantations ..	423	..	423	1. EXTENSIONS AND IMPROVEMENTS—	RS.	RS.	RS.
Receipts from other ..	693	..	693	(1) Head works ..	364	571	935
canal produce ..	1	..	1	(2) Main canals and branches ..	8,268	..	8,268
Fines ..	3,924	411	4,335	(3) Distributaries ..	882	..	882
Miscellaneous ..	..	..	..	(4) Drainage and protective works ..	..	..	..
				(5) Special tools and plant ..	11,475	..	11,475
				Add—Unclassifiable outlay ..	..	..	..
Total, Revenue realized in Public Works Department ..	5,051	411	5,462	Total ..	20,989	571	21,560
Irrigation Revenue realized in Civil Department ..	6,27,261	17,975	6,45,236	II. MAINTENANCE AND REPAIRS—			
				(1) Head works ..	297	..	297
				(2) Main canals and branches ..	1,08,244	2,739	1,10,983
				(3) Distributaries ..	2,514	..	2,514
				(4) Drainage and protective works ..	..	..	..
				(5) Special tools and plant ..	..	..	..
				Add—Unclassifiable outlay ..	1,73,223	..	1,73,223
Total, Direct Receipts.	6,32,332	18,386	6,50,718	Total ..	2,84,278	2,739	2,87,017
II. INDIRECT RECEIPTS—				Total, Extensions and Improvements and Maintenance and Repairs ..	3,05,267	3,310	3,08,577
Share of Land Revenue collected in the Civil Department ..	20,227	410	20,637	IV. ESTABLISHMENT ..	72,510	1,233	73,743
				V. TOOLS AND PLANT ..	204	42	246
				VI. REFUNDS OF REVENUE ..	43	..	43
				Total, Direct Charges ..	3,78,024	4,585	3,82,609
				Share of collection charges in the Civil Department ..	32,377	919	33,296
Total, Public Works and Civil Departments, Revenue ..	6,52,559	18,796	6,71,355	Indirect Charges ..	10,251	206	10,457
				Total, Direct and Indirect Charges ..	4,20,652	5,710	4,26,362
				Deduct—Old maintenance charge saved to Government ..	13,047	1,293	14,340
Total, Receipts ..	6,52,559	18,796	6,71,355	Net Total ..	4,07,605	4,417	4,12,022
				Balance, net revenue ..	2,44,954	14,379	2,59,333
				Grand Total ..	6,52,559	18,796	6,71,355

Direct—	RS.
Extensions and improvements ..	793
Maintenance and repairs ..	100
Establishment ..	333
Tools and plant ..	11
	1,237
Indirect ..	56
	1,293

No. 4.—Interest Account for and to end of 1923-1924.

	Amount.		Amount.
Total interest charges to end of 1922-1923 ..	RS. 2,36,987	Net revenue realized to end of 1922-1923 ..	RS. 2,44,954
Total interest charges for the year 1923-1924 ..	4,681	Net revenue realized during 1923-1924 ..	14,379
Balance, net revenue ..	17,685		
Total ..	2,59,333	Total ..	2,59,333

No. 5.—Account of Indirect Charges for and to end of 1923-24.

Particulars.	Previous.	1923-1924.	Total.
	RS.	RS.	RS.
CAPITAL—			
Leave and pension allowances ..	3,676	..	3,676
Total ..	3,676	..	3,676
REVENUE—			
Leave and pension allowances ..	10,145	173	10,318
Audit and accounts ..	106	83	189
Total ..	10,251	206	10,457
Grand Total ..	13,927	206	14,133

ADMINISTRATIVE ACCOUNTS FOR THE YEAR 1923-24.

MADRAS PRESIDENCY

ARRENKOTA CHANNEL—Canal Project.

No. 6.—Statement comparing Charges to date with Sanctioned Estimates.

Particulars.	CHARGES AGAINST CLOSED SANCTIONS.			CURRENT SANCTIONS.			Total charges to date against old and current sanctions.	REMARKS.	
	Expenditure against construction estimate.	Expenditure against open canal sanction.	Total.	Charges to date.	Amount of sanctioned estimate.	Unspent balance of estimate.		G.O. No. and date.	Amount of estimate.
Direct Charges.	RS.	RS.	RS.				RS.		
Works ..	81,578	32,927	1,14,505	..	..	..	1,14,505		
Establishment ..	19,760	7,504	26,264	..	..	..	26,264		
Tools and plant ..	..	..	..	..	..	..	..		
Suspense account ..	..	..	..	..	..	..	..		
Total ..	1,00,333	40,431	1,40,769	..	..	..	1,40,769		
Less—Receipts on capital account ..	..	..	..	..	..	..	..		
Net Total ..	1,00,333	40,431	1,40,769	..	..	..	1,40,769		
Indirect Charges.									
Capitalized abatement of land revenue ..	..	..	..	..	..	..	..		
Leave and pension allowances ..	2,626	1,050	3,676	..	..	..	3,676		
Total ..	2,626	1,050	3,676	..	..	..	3,676		
Grand Total ..	1,02,964	41,481	1,44,445	..	..	..	1,44,445		

THADAPALLE CHANNEL—Canal Project.

No. 2.—Capital Account for and to end of 1923-1924.

Heads of account.	DIRECT CHARGES.			Cost of construction as now estimated (construction estimate closed in 1893).	Expenditure against closed estimate.
	Previous.	1923-1924.	Total.		
I. WORKS—	RS.		RS.	RS.	RS.
(1) Head Works—					
C. Works ..	73,406	..	73,406	73,406	73,406
Total ..	73,406	..	73,406	73,406	73,406
(2) Main Canals and Branches—					
B. Land ..	1,880	..	1,880	1,880	1,880
D. Regulators ..	36,546	..	36,546	36,546	36,546
F. (1) Other cross drainage works ..	1,096	..	1,096	1,096	1,096
K. Buildings ..	1,442	..	1,442	1,442	1,442
L. Earthwork ..	1,384	..	1,384	1,384	1,384
O. Miscellaneous ..	1,836	..	1,836	1,836	1,836
Total ..	44,184	..	44,184	44,184	44,184
(3) Distributaries—					
B. Land ..	355	..	355	355	355
C. Works ..	17,275	..	17,275	17,275	17,275
L. Earthwork ..	..	..	..	..	..
O. Miscellaneous ..	..	..	..	..	..
Total ..	17,630	..	17,630	17,630	17,630
Total, Works ..	1,35,220	..	1,35,220	1,35,220	1,35,220
II. ESTABLISHMENT ..	29,535	..	29,535	29,535	29,535
III. TOOLS AND PLANT ..	..	..	..	..	..
(a) Grand Total ..	1,64,755	..	1,64,755	1,64,755	1,64,755

(a) Chargeable to '43. Minor Works and Navigation—Provincial.'

IRRIGATION BRANCH.

PUBLIC WORKS DEPARTMENT.

THADAPALLE CHANNEL—Canal Project.

No. 3.—Revenue Account for and to end of 1923-1924.

Receipts.	TOTAL.			Charges.	TOTAL.		
	Previous.	1923-1924.	Total.		Previous.	1923-1924.	Total.
I. DIRECT RECEIPTS—	RS.	RS.	RS.	I. EXTENSIONS AND IMPROVEMENTS—	RS.	RS.	RS.
5. Receipts from plantations ..	2,564	..	2,564	(1) Head works ..	4,676	..	4,676
6. Receipt from other canal produce ..	4,826	..	4,826	(2) Main canals and branches ..	26,752	394	27,146
9. Rents of buildings ..	904	60	964	(3) Distributaries ..	8,199	..	8,199
11. Miscellaneous ..	19,998	1,664	21,662	(4) Drainage and protective works ..	..	..	..
				(5) Special tools and plant ..	74	..	74
				Add—Unclassified outlay ..	7,726	..	7,726
				Total ..	47,427	394	47,821
Total, Revenue realized in Public Works Department ..	28,292	1,724	30,016	II. MAINTENANCE AND REPAIRS—			
Irrigation Revenue realized in Civil Department ..	19,09,644	59,275	19,68,919	(1) Head works ..	28,850	1,455	30,305
				(2) Main canals and branches ..	2,15,538	8,169	2,23,707
				(3) Distributaries ..	8,627	..	8,627
				(4) Drainage and protective works ..	..	..	..
				(5) Special tools and plant ..	..	..	..
				Add—Unclassifiable outlay ..	1,99,673	..	1,99,673
				Total ..	4,52,688	9,624	4,62,312
Total, Direct Receipts ..	19,37,936	60,999	19,98,935	Total, Extensions and Improvements and Maintenance and Repairs ..	5,00,115	10,018	5,10,133
II. INDIRECT RECEIPTS—				IV. ESTABLISHMENT ..	1,20,730	3,731	1,24,461
Share of Land Revenue collected in the Civil Department ..	1,58,982	2,900	1,61,882	V. TOOLS AND PLANT ..	1,114	126	1,240
				VI. REFUNDS OF REVENUE ..	22	..	22
				Total, Direct Charges ..	6,21,981	13,875	6,35,856
Total, Public Works and Civil Departments, Revenue ..	20,96,918	63,899	21,60,817	Share of collection charges in the Civil department ..	1,03,431	3,109	1,06,540
				Indirect charges ..	17,112	622	17,734
				Total, Direct and Indirect Charges ..	7,42,524	17,606	7,60,130
				Deduct—Old maintenance charges saved to Government ..	52,161	5,165	57,326
				Net Total ..	6,90,363	12,441	7,02,804
				Balance, net revenue ..	14,06,555	51,458	14,58,013
Total, Receipts ..	20,96,918	63,899	21,60,817	Grand Total ..	20,96,918	63,899	21,60,817

* Direct—	RS.
Extensions and improvements ..	3,569
Maintenance and charges ..	..
Establishment ..	1,329
Tools and plant ..	45
	4,943
Indirect ..	222
	5,165

No. 4.—Interest Account for and to end of 1923-1924.

	Amount.		Amount.
	RS.		RS.
Total interest charges to end of 1922-1923 ..	2,70,773	Net revenue realized to end of 1922-1923 ..	14,06,555
Total interest charges for the year 1923-1924 ..	5,478	Net revenue realized during 1923-1924 ..	51,458
Balance, net revenue ..	11,81,762		
Total ..	14,58,013	Total ..	14,58,013

No. 5.—Account of Indirect Charges for and to end of 1923-1924.

Particulars.	Previous.	1923-1924.	Total.
CAPITAL—	RS.	RS.	RS.
Capitalization of abatement of Land Revenue ..	6,915	..	6,915
Leave and pension allowances ..	4,135	..	4,135
Total ..	11,050	..	11,050
REVENUE—			
Leave and pension allowances ..	16,853	522	17,375
Audit and accounts ..	254	100	354
Total ..	17,112	622	17,734
Grand Total ..	28,162	622	28,784

ADMINISTRATIVE ACCOUNTS FOR THE YEAR 1923-1924.

MADRAS PRESIDENCY

THADAPALLE CHANNEL—Canal Project.

No. 6.—Statement comparing Charges to date with Sanctioned Estimates.

Particulars.	CHARGES AGAINST CLOSED SANCTIONS.			CURRENT SANCTIONS.			Total charges to date against old and current sanctions.	REMARKS.	
	Expenditure against construction estimate.	Expenditure against open canal sanction.	Total.	Charges to date.	Amount of sanctioned estimate.	Unspent balance of estimate.		G.O. No. and date.	Amount of estimate.
Direct Charges.	RS.	RS.	RS.				RS.		
Works ..	70,897	64,323	1,35,220	..	..	..	1,35,220		
Establishment ..	16,306	13,229	29,535	..	..	..	29,535		
Tools and plant ..	..	..	..	..	..	..	..		
Suspense account ..	..	..	..	..	..	..	..		
Total ..	87,203	77,552	1,64,755	..	..	..	1,64,755		
Less—Receipts on capital account ..	..	..	..	..	..	..	..		
Net Total ..	87,203	77,552	1,64,755	..	..	..	1,64,755		
Indirect Charges.									
Capitalized abatement of Land Revenue ..	..	6,915	6,915	..	..	..	6,915		
Leave and pension allowances ..	2,283	1,852	4,135	..	..	..	4,135		
Total ..	2,283	8,767	11,050	..	..	..	11,050		
Grand Total ..	89,486	86,319	1,75,805	..	..	..	1,75,805		

KALINGAROYEN CHANNEL—Canal Project.

No. 2.—Capital Account for and to end of 1923-1924.

Heads of account.	DIRECT CHARGES.			Cost of construction as now estimated (construction estimate closed in 1893).	Expenditure against closed estimate.
	Previous.	1923-1924.	Total.		
I. WORKS—	RS.	RS.	RS.	RS.	RS.
(1) Head Works—					
B. Land ..	..	..	..	..	..
C. Works ..	46,690	..	46,690	46,690	46,690
K. Building ..	1,162	..	1,162	1,162	1,162
Total ..	47,852	..	47,852	47,852	47,852
(2) Main Canals and Branches—					
D. Regulators ..	67,543	..	67,543	67,543	67,543
F. River and hill torrent works ..	8,557	..	8,557	8,557	8,557
G. Bridges ..	897	..	897	897	897
L. Earthwork ..	3,981	..	3,981	3,981	3,981
O. Miscellaneous ..	14,959	..	14,959	14,959	14,959
Total ..	95,937	..	95,937	95,937	95,937
Total, Works ..	1,43,789	..	1,43,789	1,43,789	1,43,789
II. ESTABLISHMENT ..	32,191	..	32,191	32,191	32,191
III. TOOLS AND PLANT ..	..	..	..	..	..
* Grand Total ..	1,75,980	..	1,75,980	1,75,980	1,75,980

* Chargeable to '43. Minor Works and Navigation—Provincial.'

PUBLIC WORKS DEPARTMENT.

No. 3.—Revenue Account for and to end of 1923-1924.

(a) Direct—									R8.
Extensions and improvements ..	..	..	..	..	..	..	..	..	3,892
Maintenance and repairs ..	..	..	..	..	..	..	..	..	..
Establishment ..	..	..	..	..	..	..	..	..	1,487
Tools and plant ..	..	..	..	..	..	..	..	..	50
									5,520
Indirect ..	..	..	..	..	..	..	..	..	248
									6,777

No. 4.—Interest Account for and to end of 1923-1924.

		Amount.			Amount.
		RS.			RS.
Total interest charges to end of 1922-1923	..	1,97,056	Net revenue realized to end of 1922-1923	..	4,88,941
Total interest charges for the year 1923-1924	..	5,852	Net revenue realized during 1923-1924	..	42,763
Balance, net revenue	..	3,29,796			
Total	..	5,32,704	Total	..	5,32,704

MADRAS PRESIDENCY

No. 5.—Account of Indirect Charges for and to end of 1923-1924.

No. 5.—Account of Indirect Charges for and during the year 1923-24.			
Particulars.	Previous.	1923-1924.	Total.
CAPITAL—	Rs.	Rs.	Rs.
Leave and pension allowances	4,506	...	4,506
Total ...	4,506	...	4,506
REVENUE—			
Leave and pension allowances	22,233	445	22,678
Audit and accounts	170	85	255
Total ...	22,403	530	22,933
Grand Total ...	26,909	530	27,439

No. 6.—Statement comparing Charges to date with Sanctioned Estimates.

Particulars.	CHARGES AGAINST CLOSED SANCTIONS.			CURRENT SANCTIONS.			Total charges to date against old and current sanctions.	REMARKS.	
	Expenditure against construction estimate.	Expenditure against open canal sanction.	Total.	Charges to date.	Amount of sanctioned estimate.	Unspent balance of estimate.		G.O. No. and date.	Amount of estimate.
<i>Direct Charges.</i>	Rs.	Rs.	Rs.				Rs.		
Works	43,775	1,00,014	1,43,789	...	...	...	1,43,789		
Establishment ...	10,068	22,123	32,191	...	...	...	32,191		
Tools and plant...	...	...	...	...	...	...	...		
Suspense account.	...	...	...	...	...	...	...		
Total ...	53,843	1,22,137	1,75,980	...	...	...	1,75,980		
<i>Less—Receipts on Capital account.</i>	...	...	...	...	...	...	...		
Net Total ...	53,843	1,22,137	1,75,980	...	...	...	1,75,980		
<i>Indirect Charges.</i>									
Capitalized abatement of land revenue ...	...	...	...	...	...	...	...		
Leave and pension allowances ...	1,410	3,096	4,506	...	...	...	4,506		
Total ...	1,410	3,096	4,506	...	...	...	4,506		
Grand Total ...	55,253	1,25,233	1,80,486	...	...	...	1,80,486		

IRRIGATION BRANCH.

PUBLIC WORKS DEPARTMENT.

PALAR ANICUT SYSTEM—Canal Project.

No. 2.—Capital Account for and to end of 1923-1924.

Heads of account.	DIRECT CHARGES.			Cost of construction as now estimated (construction estimate closed on 31st March 1896).	Expenditure against closed estimate.
	Previous.	1923-1924.	Total.		
WORKS—	Rs.	Rs.	Rs.	Rs.	Rs.
(1) <i>Head Works—</i>					
C. Works	2,08,736	...	2,08,736	2,08,736	2,08,736
K. Buildings	1,847	...	1,847	1,847	1,847
Total	2,10,583	...	2,10,583	2,10,583	2,10,583
(2) <i>Main Canals and Branches—</i>					
B. Land	7,263	...	7,263	7,263	7,263
D. Regulators	27,509	...	27,509	27,509	27,509
E. Falls and weirs	1,04,937	...	1,04,937	1,04,937	1,04,937
F. River and Hill Torrent Works	547	...	547	547	547
F. (1) Other cross drainage works	2,366	...	2,366	2,366	2,366
G. Bridges	13,977	...	13,977	13,977	13,977
H. Escapes	8,277	...	8,277	8,277	8,277
K. Buildings	5,231	...	5,231	5,231	5,231
L. Earthwork	1,90,142	...	1,90,142	1,90,142	1,90,142
N. Tanks and reservoirs	36,275	...	36,275	36,275	36,275
O. Miscellaneous	40,752	...	40,752	40,752	40,752
Total	4,37,276	...	4,37,276	4,37,276	4,37,276
(3) <i>Distributaries—</i>					
B. Land	7,776	...	7,776	8,176	7,776
C. Works	82,119	...	82,119	85,169	82,119
D. Regulators	1,914	...	1,914	1,914	1,914
E. Falls and weirs	4,362	...	4,362	4,362	4,362
F. (1) Other cross drainage works	2,174	...	2,174	2,174	2,174
L. Earthwork	56,867	...	56,867	56,867	56,867
N. Tanks and reservoirs	8,369	...	8,369	8,369	8,369
O. Miscellaneous	4,680	...	4,680	4,680	4,680
Total	1,68,261	...	1,68,261	1,71,711	1,68,261
(5) Special tools and plant	...	...	...	...	...
Provision for unforeseen works	...	...	...	...	...
Total outlay on current sanctions	8,16,120	...	8,16,120	8,19,570	8,16,120
Old outlay	10,26,978	...	10,26,978	10,26,978	10,26,978
Total Works	18,43,098	...	18,43,098	18,46,548	18,43,098
II. ESTABLISHMENT	4,67,188	...	4,67,188	4,68,050	4,67,188
III. TOOLS AND PLANT	29,930	...	29,930	29,999	29,930
Grand Total	23,40,216	...	23,40,216	23,44,597	23,40,216
V. <i>Less—RECEIPTS ON CAPITAL ACCOUNT</i>	567	105	672	672	672
Net Total	23,39,649	— 105	23,39,544	23,43,925	23,39,544
Chargeable to 43. Provincial—Irrigation	23,36,184	...	23,36,184	...	...
Do. to 55-A. Irrigation Works	3,465	— 105	3,360	...	...
1. Productive	...	...	...	...	...
Total	23,39,649	— 105	23,39,544	...	...

MADRAS PRESIDENCY

ADMINISTRATIVE ACCOUNTS FOR THE YEAR 1923-24.

PALAR ANICUT SYSTEM—Canal Project.

No. 3.—Revenue Account for and to end of 1923-1924.

Receipts.	TOTAL.			Charges.	TOTAL.		
	Previous.	1923-1924.	Total.		Previous.	1923-1924.	Total.
I. DIRECT RECEIPTS—	Rs.	Rs.	Rs.	I. EXTENSIONS AND IMPROVEMENTS—	Rs.	Rs.	Rs.
5. Receipts from plantations	16,183	1,450	17,633	(1) Head works	2,11,176	..	2,11,176
6. Receipts from other canal produce	43,153	161	43,314	(2) Main canals and branches	1,72,854	— 20	1,72,834
9. Rents of buildings	2,523	229	2,752	(3) Distributaries	2,18,811	5,555	2,24,366
10. Fines	64	..	64	(4) Drainage and protective works	340	..	340
11. Miscellaneous	29,335	149	29,484	(5) Special tools and plant	..	..	..
Deduct refund	1	..	1	Add—Unclassifiable outlay	32,342	..	32,342
Total, Revenue realized in Public Works Department	91,257	1,989	93,246	Total	6,35,523	5,535	6,41,058
Irrigation Revenue realized in Civil Department	65,78,059	96,021	66,74,080	II. MAINTENANCE AND REPAIRS—			
Total, Direct Receipts	66,69,316	98,010	67,67,326	(1) Head works	1,44,304	1,004	1,45,308
II. INDIRECT RECEIPTS—				(2) Main canals and branches	10,07,408	3,527	10,10,935
Share of land revenue collected in the Civil Department	9,63,593	16,815	9,80,408	(3) Distributaries	8,63,000	33,618	8,96,618
Total, Public Works and Civil Departments, Revenue	76,32,909	1,14,825	77,47,734	(4) Drainage and protective works	5,742	..	5,742
				(5) Special tools and plant	..	..	..
				Add—Unclassifiable outlay	99,655	..	99,655
				Total	21,20,109	38,149	21,58,258
				Total, Extensions and Improvements and Maintenance and Repairs	27,55,632	43,684	27,99,316
				IV. ESTABLISHMENT	7,10,818	14,927	7,25,745
				V. TOOLS AND PLANT	18,522	480	19,002
				VI. REFUNDS OF REVENUE	10,393	..	10,393
				Total, Direct Charges	34,93,365	59,091	35,52,456
				Share of collection charges in the Civil Department	4,10,298	5,591	4,15,889
				Indirect charges	1,16,981	2,527	1,19,458
				Total, Direct and Indirect Charges	40,20,594	67,209	40,87,803
				Deduct—Old maintenance charges saved to Government *	2,78,898	4,468	2,83,366
				Net Total	37,41,696	62,741	38,04,437
				Balance, net revenue	38,91,213	52,084	39,43,297
Total, Receipts	76,32,909	1,14,825	77,47,734	Grand Total	76,32,909	1,14,825	77,47,734

* Extensions and Improvements	Rs.
Maintenance and Repairs	178
Establishment	2,909
Tools and Plant	1,150
	39
Total, Direct Charges	4,276
Indirect Charges	192
Grand Total	4,468

No. 4.—Interest Account for and to end of 1923-1924.

	Amount.		Amount.
Total interest charges to end of 1922-1923	Rs. 42,66,776	Net revenue realized to end of 1922-1923	Rs. 38,91,213
Total interest charges for the year 1923-1924	78,185	Net revenue realized during 1923-1924	62,084
		Balance, net interest charges	4,01,664
Total	43,44,961	Total	43,44,961

IRRIGATION BRANCH.

PUBLIC WORKS DEPARTMENT.

PALAR ANICUT SYSTEM—Canal Project.

No. 5.—Account of Indirect Charges for and to end of 1923-1924.

Particulars.	Previous.	1923-1924.	Total.
	Rs.	Rs.	Rs.
CAPITAL—			
Capitalization of abatement of land revenue	25,558	...	25,558
Leave and pension allowances	91,514	...	91,514
Audit and accounts	33	...	33
Total ...	1,17,105	...	1,17,105
REVENUE—			
Capitalization of abatement of land revenue	2,554	...	2,554
Leave and pension allowances	1,13,589	2,090	1,15,679
Audit and accounts	788	437	1,225
Total ...	1,16,931	2,527	1,19,458
Grand Total ...	2,34,036	2,527	2,36,563

No. 6.—Statement comparing Charges to date with Sanctioned Estimates.

Particulars.	CHARGES AGAINST CLOSED SANCTIONS.			CURRENT SANCTIONS.			Total charges to date against old and current sanctions.	REMARKS.	
	Expenditure against construction estimate.	Expenditure against open canal sanction.	Total.	Charges to date.	Amount of sanctioned estimate.	Unspent balance of estimate.		G.O. No. and date.	Amount of estimate.
<i>Direct Charges.</i>	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.		Rs.
Works ...	15,22,878	3,20,220	18,43,098	...	3,450	3,450	18,43,098		
Establishment ...	3,99,070	68,118	4,67,188	...	862	862	4,67,188		
Tools and plant ...	29,875	55	29,930	...	69	69	29,930		
Suspense account ...	...	...	...	...	...	...	...		
Total ...	19,51,823	3,88,393	23,40,216	...	4,381	4,381	23,40,216		
Less—Receipts on Capital Account...	...	672	672	...	...	...	672	Mis. No. 14 I, dated 16th January 1924.	3,450
Net Total ...	19,51,823	3,87,721	23,39,544	...	4,381	4,381	23,39,544		
<i>Indirect Charges.</i>									
Capitalized abatement of land revenue ...	23,054	2,504	25,558	...	...	...	25,558		
Leave and pension allowances ...	81,976	9,538	91,514	...	...	...	91,514		
Audit and accounts ...	...	33	33	...	...	...	33		
Total ...	1,05,030	12,075	1,17,105	...	...	...	1,17,105		
Grand Total ...	20,56,853	3,99,796	24,56,649	...	4,381	4,381	24,56,649		

ADMINISTRATIVE ACCOUNTS FOR THE YEAR 1923-24.

MADRAS PRESIDENCY

CHEMBRAMBAUKAM TANK—Tank Project.

No. 2.—Capital Account for and to end of 1923-1924.

Heads of account.	DIRECT CHARGES.			Cost of construction as now estimated (construction estimate closed on 31st March 1893).	Expenditure against closed estimate.
	Previous.	1923-1924.	Total.		
	Rs.	Rs.	Rs.	Rs.	Rs.
I. WORKS—					
(1) <i>Head Works—</i>					
K. Buildings	4,640	...	4,640	4,640	4,640
(2) <i>Main Canals and Branches—</i>					
B. Land	1,11,062	...	1,11,062	1,11,062	1,11,062
C. Works	1,03,009	...	1,03,009	1,03,009	1,03,009
K. Buildings	4,801	...	4,801	4,801	4,801
L. Earthwork	2,20,643	...	2,20,643	2,20,643	2,20,643
O. Miscellaneous	61,729	...	61,729	61,729	61,729
Total ...	5,01,244	...	5,01,244	5,01,244	5,01,244
(3) <i>Distributaries—</i>					
B. Land	...	...	...	...	...
C. Works	5,902	...	5,902	5,902	5,902
L. Earthwork	2,469	...	2,469	2,469	2,469
Total ...	8,371	...	8,371	8,371	8,371
(5) Special tools and plant ...	...	...	...	...	...
Provision for unforeseen works ...	...	...	...	...	...
Total, Works ...	5,14,255	...	5,14,255	5,14,255	5,14,255
II. ESTABLISHMENT	1,28,958	...	1,28,958	1,28,958	1,28,958
III. TOOLS AND PLANT	8,249	...	8,249	8,249	8,249
Grand Total ...	6,51,462	...	6,51,462	6,51,462	6,51,462
V <i>Less—RECEIPTS ON CAPITAL ACCOUNT</i>	114	...	114	114	114
Net Total ...	6,51,348	...	6,51,348	6,51,348	6,51,348
Chargeable to 43. Provincial Irrigation	6,49,829	...	6,49,829	...	...
Chargeable to 55-A. Irrigation Works—2. Unproductive ...	1,519	...	1,519	...	...
Total ...	6,51,348	...	6,51,348	...	...

IRRIGATION BRANCH.

PUBLIC WORKS DEPARTMENT.

CHEMBRAMBAUKAM TANK—Tank Project.

No. 3.—Revenue Account for and to end of 1923-1924.

Receipts.	TOTAL.			Charges.	TOTAL.		
	Previous.	1923-1924.	Total.		Previous.	1923-1924.	Total.
I. DIRECT RECEIPTS—	RS.	RS.	RS.	I. EXTENSIONS AND IMPROVEMENTS—	RS.	RS.	RS.
5. Receipts from plantations ..	388	..	388	(1) Head works	4,085	..	4,085
6. Receipts from other canal produce ..	2,260	..	2,260	(2) Main canals and branches ..	40,288	..	40,288
9. Rents of buildings ..	419	19	438	(3) Distributaries	4,448	..	4,448
10. Fines	5	..	5	(4) Drainage and protective works ..	..	..	..
11. Miscellaneous ..	8,357	1,059	9,416	(5) Special tools and plant ..	..	..	..
Deduct—Refunds ..	5	..	5	Total ..	48,821	..	48,821
Total, Revenue realized in Public Works Department ..	11,424	1,078	12,502	II. MAINTENANCE AND REPAIRS—	..	..	..
Irrigation Revenue realized in Civil Department ..	17,34,026	52,353	17,86,379	(1) Head works	37,198	..	37,198
Total, Direct Receipts ..	17,45,450	53,431	17,98,881	(2) Main canals and branches ..	3,00,126	6,288	3,06,414
II. INDIRECT RECEIPTS—	..	..	..	(3) Distributaries	15,802	467	16,269
Share of land revenue collected in the Civil Department ..	38,567	908	39,475	(4) Drainage and protective works ..	..	..	..
Total, Public Works and Civil Departments, Revenue ..	17,84,017	54,339	18,38,356	(5) Special tools and plant ..	..	..	..
				Add—Unclassifiable outlay ..	..	..	..
				Total ..	3,53,126	6,755	3,59,881
				Total, Extensions and Improvements and Maintenance and Repairs ..	4,01,947	6,755	4,08,702
				IV. ESTABLISHMENT	1,06,366	1,937	1,08,303
				V. TOOLS AND PLANT	2,108	55	2,163
				VI. REFUNDS OF REVENUE	45	..	45
				Deduct—Recoveries of expenditure ..	..	260	260
				Total, Direct Charges ..	5,10,466	8,487	5,18,953
				Share of collection charges in the Civil Department	96,499	2,663	99,162
				Indirect charges	17,815	339	18,154
				Total, Direct and Indirect charges ..	6,24,780	11,489	6,36,269
				Deduct—Old maintenance charges saved to Government (a) ..	3,67,516	7,236	3,74,752
				Net Total ..	2,57,264	4,253	2,61,517
				Balance, net revenue ..	15,23,753	50,086	15,73,839
Total, Receipts ..	17,54,017	54,339	18,38,356	Grand Total ..	17,84,017	54,339	18,38,356

(a) Extensions and improvements ..	Rs.	2,283
Maintenance and Repairs ..	..	3,097
Establishment ..	..	1,542
Tools and Plant ..	..	44
Total, Direct Charges ..	6,966	
Indirect charges ..	..	270
Grand Total ..	7,236	

No. 4.—Interest Account for and to end of 1923-1924.

	Amount.		Amount.
Total interest charges to end of 1922-1923 ..	Rs. 12,16,155	Net revenue realized to end of 1922-1923 ..	Rs. 15,26,753
Total interest charges for the year 1923-1924 ..	21,944	Net revenue realized during 1923-1924 ..	50,086
Balance, net revenue ..	3,38,740		
Total ..	15,76,839	Total ..	15,76,839

ADMINISTRATIVE ACCOUNTS FOR THE YEAR 1923-24.

MADRAS PRESIDENCY

CHEMBRAMBAUKAM TANK—Tank Project.

No. 5.—Account of Indirect Charges for and to end of 1923-1924.

Particulars.	Previous.	1923-1924.	Total.
CAPITAL—	Rs.	Rs.	Rs.
Capitalization of abatement of land revenue ..	85,701	..	85,701
Leave and pension allowances	27,081	..	27,081
Audit and accounts	13	..	13
Total ..	1,12,795	..	1,12,795
REVENUE—	..	..	..
Leave and pension allowances	17,657	271	17,928
Audit and accounts	158	68	226
Total ..	17,815	339	18,154
Grand Total ..	1,30,610	339	1,30,949

No. 6.—Statement comparing Charges to date with Sanctioned Estimates.

Particulars.	CHARGES AGAINST CLOSED SANCTIONS.			CURRENT SANCTIONS.			Total charges to date against old and current sanctions.	Remarks.
	Expenditure against construction estimate.	Expenditure against open canal sanction.	Total.	Charges to date.	Amount of sanctioned estimate.	Unspent balance of estimate.		
Direct Charges.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	
Works ..	4,91,801	22,454	5,14,255	..	..	..	5,14,255	
Establishment ..	1,24,534	4,424	1,28,958	..	..	..	1,28,958	
Tools and plant ..	8,204	45	8,249	..	..	..	8,249	
Suspense account ..	..	..	..	..	..	..	..	
Total ..	6,24,539	26,923	6,51,462	..	..	..	6,51,462	
Less—Receipts on Capital Account ..	114	..	114	..	..	..	114	
Net Total ..	6,24,425	26,923	6,51,348	..	..	..	6,51,348	
Indirect Charges.	..	..	..	..	..	..	..	
Capitalized abatement of land revenue ..	85,701	..	85,701	..	..	..	85,701	
Leave and pension allowances ..	26,463	618	27,081	..	..	..	27,081	
Audit and accounts ..	..	13	13	..	..	..	13	
Total ..	1,12,164	631	1,12,795	..	..	..	1,12,795	
Grand Total ..	7,36,589	27,554	7,64,143	..	..	..	7,64,143	

IRRIGATION BRANCH.

PUBLIC WORKS DEPARTMENT.

VALLURU ANICUT SYSTEM—Canal Project.

No. 2.—Capital Account for and to end of 1923-1924.

Heads of account.	DIRECT CHARGES.			Cost of construction as now estimated (construction estimate closed on 31st March 1893).	Expenditure against closed estimate.
	Previous.	1923-1924.	Total.		
I. WORKS—	RS.		RS.	RS.	RS.
(1) <i>Head Works—</i>					
O. Works	59,515	..	59,515	59,515	59,515
Total	59,515	..	59,515	59,515	59,515
(3) <i>Distributaries—</i>					
O. Works	1,147	..	1,147	1,147	1,147
Total	1,147	..	1,147	1,147	1,147
Total, Works	60,662	..	60,662	60,662	60,662
II. ESTABLISHMENT	13,679	..	13,679	13,679	13,679
III. TOOLS AND PLANT	25	..	25	25	25
Grand Total	74,366	..	74,366	74,366	74,366
V. Less—RECEIPTS ON CAPITAL ACCOUNT	..	..	..	..	..
(a) Net Total	74,366	..	74,366	74,366	74,366

(a) Chargeable to "43. Minor Works and Navigation—Provincial."

No. 3.—Revenue Account for and to end of 1923-1924.

Receipts.	TOTAL.			Charges.	TOTAL.		
	Previous.	1923-1924.	Total.		Previous.	1923-1924.	Total.
I. DIRECT RECEIPTS—	RS.	RS.	RS.	I. EXTENSIONS AND IMPROVEMENTS—	RS.	RS.	RS.
5. Receipts from plantations	1,379	56	1,435	(1) Head works	4,821	20	4,841
6. Receipts from other canal produce	1,071	1	1,072	(2) Main canals and branches	127	..	127
9. Rents of buildings	141	2	143	(3) Distributaries	..	..	..
11. Miscellaneous	455	175	630	(4) Drainage and protective works	4,817	..	4,817
Total, Revenue realized in Public Works Department	3,046	234	3,280	(5) Special tools and plant	..	..	..
Irrigation Revenue realized in Civil Department	1,26,717	—1,602	1,27,115	Total	9,765	20	9,785
Total, Direct Receipts	1,31,763	—1,368	1,30,395	II. MAINTENANCE AND REPAIRS—			
II. INDIRECT RECEIPTS—				(1) Head works	34,521	1,767	36,288
Share of land revenue collected in the Civil Department	47,487	1,074	48,561	(2) Main canals and branches	9,401	..	9,401
Total, Public Works and Civil Departments, Revenue	1,79,250	—294	1,78,956	(3) Distributaries	..	..	..
				(4) Drainage and protective works	..	..	..
				(5) Special tools and plant	..	..	..
				Add—Unclassifiable outlay	17,582	..	17,582
				Total	61,504	1,767	63,271
				Total, Extensions and Improvements and Maintenance and Repairs	71,269	1,787	73,056
				IV. ESTABLISHMENT	16,294	512	16,806
				V. TOOLS AND PLANT	634	15	649
				VI. REFUNDS OF REVENUE	..	..	..
				Total, Direct Charges	88,097	2,314	90,411
				Share of collection charges in the Civil Department	8,812	—26	8,786
				Indirect charges	2,438	90	2,528
				Total, Direct and Indirect Charges	99,347	2,378	1,01,725
				Deduct—Old maintenance charges saved to Government (a)	37,881	1,754	39,635
				Net Total	61,466	624	62,090
				Balance, net revenue	1,17,784	—918	1,16,866
				Grand Total	1,79,250	—294	1,78,956

(a) Extensions and Improvements	..	..	..	..	..	..	..	RS.
Maintenance and repairs	..	..	..	..	..	..	..	226
Establishment	..	..	..	..	..	..	..	1,077
Tools and plant	..	..	..	..	..	..	..	374
	..	..	..	..	..	..	..	11
Indirect charges	..	..	..	..	..	..	..	1,688
	..	..	..	..	..	..	..	66
Total, Direct Charges	..	..	..	..	..	..	..	1,764
Grand Total	..	..	..	..	..	..	..	..

ADMINISTRATIVE ACCOUNTS FOR THE YEAR 1923-24.

MADRAS PRESIDENCY

VALLURU ANICUT SYSTEM—Canal Project.

No. 4.—Interest Account for and to end of 1923-1924.

	Amount.		Amount.
interest charges to end of 1922-1923	RS. 1,33,047	Net revenue realized to end of 1922-1923	RS. 1,17,784
interest charges for the year 1923-1924	2,727	Net revenue realized during 1923-1924	—918
		Balance, net interest charges	18,908
Total	1,35,774	Total	1,35,774

No. 5.—Account of Indirect Charges for and to end of 1923-1924.

Particulars.	Previous.	1923-1924.	Total.
CAPITAL—	Rs.	Rs.	Rs.
Leave and pension allowances	1,916	..	1,916
Audit and accounts	..	..	..
Total	1,916	..	1,916
REVENUE—			
Leave and pension allowances	2,278	72	2,350
Audit and accounts	160	18	178
Total	2,438	90	2,528
Grand Total	4,354	90	4,444

No. 6.—Statement comparing Charges to date with Sanctioned Estimates.

Particulars.	CHARGES AGAINST CLOSED SANCTIONS.			CURRENT SANCTIONS.			Total charges to date against old and current sanctions.	REMARKS.	
	Expenditure against construction estimate.	Expenditure against open canal sanction.	Total.	Charges to date.	Amount of sanctioned estimate.	Unspent balance of estimate.		G.O. No. and date.	Amount of estimate.
1	2	3	4	5	6	7	8	9	10
Direct Charges.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.		Rs.
Works	50,550	10,112	60,662	..	..	..	60,662		
Establishment	11,627	2,052	13,679	..	..	..	13,679		
Tools and plant	..	25	25	..	..	..	25		
Suspense account	..	..	..	..	..	..	..		
Total	62,177	12,189	74,366	..	..	..	74,366	68 L., 14th Feb. 1917.	9,364
Less—Receipts on capital account.	..	..	..	..	..	..	..		
Net Total	62,177	12,189	74,366	..	..	..	74,366		
Indirect Charges.									
Capitalized abatement of land revenue	..	..	..	..	..	..	..		
Leave and pension allowances	1,628	288	1,916	..	..	..	1,916		
Total	1,628	288	1,916	..	..	..	1,916		
Grand Total	63,805	12,477	76,282	..	..	..	76,282		

IRRIGATION BRANCH.

PUBLIC WORKS DEPARTMENT.

POINEY ANICUT SYSTEM—Canal Project.

No. 2.—Capital Account for and to end of 1923-1924

Heads of account.	DIRECT CHARGES.			Cost of construction as now estimated (construction estimate closed in 1927).	Expenditure against closed estimate.
	Previous.	1923-1924.	Total.		
I. WORKS—	Rs.	Rs.	Rs.	Rs.	Rs.
(1) Head Works—					
C. Works	78,575	343	78,918	78,918	78,918
Total	78,575	343	78,918	78,918	78,918
(2) Main Canals and Branches—					
B. Land	...	...	...	...	...
D. Regulators	1,655	...	1,655	1,655	1,655
E. Falls and weirs	...	...	...	...	...
F. River and hill torrent works	...	...	...	...	...
K. Buildings	3,636	...	3,636	3,636	3,636
L. Earthwork	1,34,834	...	1,34,834	1,34,834	1,34,834
N. Tanks and reservoirs	6,368	...	6,368	6,368	6,368
Total	1,46,493	...	1,46,493	1,46,493	1,46,493
(3) Distributaries—					
B. Land	...	...	...	...	...
C. Works	8,563	...	8,563	8,563	8,563
L. Earthwork	...	...	...	...	...
Total	8,563	...	8,563	8,563	8,563
(5) Special tools and plant	...	...	...	...	...
Total, Works	2,33,631	343	2,33,974	2,33,974	2,33,974
II. ESTABLISHMENT	60,337	128	60,465	60,465	60,465
III. TOOLS AND PLANT	259	5	264	264	264
Grand Total	2,94,227	476	2,94,703	2,94,703	2,94,703
Apportionment—					
Chargeable to 49. Irrigation	40,713	...	40,713	...	...
Do. to 43. Irrigation—Provincial	2,30,767	...	2,30,767	...	...
Do. to 55-A. Irrigation—1. Productive.	22,747	476	23,223	...	...
Total	2,94,227	476	2,94,703	...	...

ADMINISTRATIVE ACCOUNTS FOR THE YEAR 1923-24.

MADRAS PRESIDENCY

POINEY ANICUT SYSTEM—Canal Project.

No. 3.—Revenue Account for and to end of 1923-1924.

Receipts.	TOTAL.			Charges.	TOTAL.		
	Previous.	1923-1924.	Total.		Previous.	1923-1924.	Total.
I. DIRECT RECEIPTS—	RS.	RS.	RS.	I. EXTENSIONS AND IMPROVEMENTS—	RS.	RS.	RS.
5. Receipts from plantations..	3,217	200	3,417	(1) Head works ..	5,231	1,000	6,231
6. Receipts from other canal produce ..	8,355	22	8,377	(2) Main canals and branches ..	22,729	..	22,729
9. Rents of buildings.	520	78	598	(3) Distributaries ..	41,038	1,457	42,495
11. Miscellaneous ..	4,543	..	4,543	(4) Drainage and protective works ..	49,029	..	49,029
Total Revenue realized in Public Works Department ..	16,635	300	16,935	(5) Special tools and plant ..	..	..	..
Irrigation Revenue realized in Civil Department ..	23,82,689	— 804	23,81,885	Total ..	1,18,027	2,457	1,20,484
Total, Direct Receipts ..	23,99,324	— 504	23,98,820	II. MAINTENANCE AND REPAIRS—			
II. INDIRECT RECEIPTS—				(1) Head works ..	66,716	1,258	67,974
Share of Land Revenue collected in the Civil Department ..	2,85,632	5,461	2,91,094	(2) Main canals and branches ..	85,030	3,310	88,340
Total, Public Works and Civil Departments, Revenue ..	26,84,957	4,957	26,89,914	(3) Distributaries ..	1,90,835	8,788	1,99,623
				(4) Drainage and protective works ..	..	..	..
				(5) Special tools and plant ..	..	..	..
				Add—Unclassifiable outlay ..	2,76,594	..	2,76,594
				Total ..	6,19,205	13,366	6,32,571
				Total, Extensions and Improvements and Maintenance and Repairs ..	7,37,232	15,763	7,52,995
				IV. ESTABLISHMENT ..	2,18,771	5,870	2,24,641
				V. TOOLS AND PLANT ..	803	198	1,001
				VI. REFUNDS OF REVENUE ..	461	..	461
				Total, Direct Charges ..	9,57,267	21,831	9,79,098
				Share of collection charges in the Civil Department ..	1,33,366	230	1,33,596
				Indirect charges ..	81,305	980	82,285
				Total, Direct and Indirect Charges ..	11,21,938	23,041	11,44,979
				* Deduct—Old maintenance charges saved to Government ..	46,439	4,519	50,958
				Net Total ..	10,75,499	18,522	10,94,021
				Balance, net revenue ..	16,09,458	— 13,565	16,05,893
Total, Receipts ..	26,84,957	4,957	26,89,914	Grand Total ..	26,84,957	4,957	26,89,914
				* Direct—			
				Extensions and improvements ..	..	..	..
				Maintenance and repairs ..	..	..	..
				Establishment ..	..	..	..
				Tools and plant ..	..	..	..
				Indirect ..	..	..	..
				Total ..	..	..	..

IRRIGATION BRANCH.

PUBLIC WORKS DEPARTMENT.

POINNEY ANICUT SYSTEM—Canal Project.

No. 4.—Interest Account for and to end of 1923-1924.

	Amount.		Amount.
	RS.		RS.
Total interest charges to end of 1922-1923 ..	4,76,185	Net revenue realized to end of 1922-1923 ..	16,09,458
Total interest charges for the year 1923-1924 ..	11,130	Net revenue during 1923-1924 ..	13,565
Balance, net revenue ..	11,08,578		
Total ..	16,95,893	Total ..	15,95,893

No. 5.—Account of Indirect Charges for and to end of 1923-1924.

Particulars.	Previous.	1923-1924.	Total.
CAPITAL—	RS.	RS.	RS.
Capitalization of abatement of land revenue ..	165	..	165
Leave and pension allowances ..	8,448	18	8,466
Audit and accounts ..	161	3	164
Total ..	8,774	21	8,795
REVENUE—			
Capitalization of abatement of land revenue ..	403	..	403
Leave and pension allowances ..	30,626	822	31,448
Audit and accounts ..	276	168	444
Total ..	31,305	990	32,295
Grand Total ..	40,079	1,001	41,080

No. 6.—Statement comparing Charges to date with Sanctioned Estimates.

Particulars.	CHARGES AGAINST CLOSED SANCTIONS.			CURRENT SANCTIONS.			Total charges to date against old and current sanctions.	REMARKS.	
	Expenditure against construction estimate.	Expenditure against open canal sanction.	Total.	Charges to date.	Amount of sanctioned estimate.	Unspent balance of estimate.		G.O. No. and date.	Amount of estimate.
Direct Charges.	RS.	RS.	RS.	RS.	RS.	RS.	RS.		
Works ..	1,83,435	50,539	2,33,974	..	..	..	2,33,974		
Establishment ..	42,189	18,276	60,465	..	..	..	60,465		
Tools and plant ..	..	264	264	..	..	..	264		
Suspense account ..	..	..	..	..	..	..	..		
Total ..	2,25,624	69,079	2,94,703	..	..	..	2,94,703		
Less—Receipts on capital account ..	..	..	..	..	..	..	..		
Net Total ..	2,25,624	69,079	2,94,703	..	..	..	2,94,703		
Indirect Charges.									
Capitalized abatement of land revenue ..	165	..	165	..	..	..	165		
Leave and pension allowances ..	5,907	2,559	8,466	..	..	..	8,466		
Audit and accounts ..	..	164	164	..	..	..	164		
Total ..	6,072	2,723	8,795	..	..	..	8,795		
Grand Total ..	2,31,696	71,802	3,03,498	..	..	..	3,03,498		

ADMINISTRATIVE ACCOUNTS FOR THE YEAR 1923-24.

MADRAS PRESIDENCY

CHEYERU ANICUT SYSTEM—Canal Project.

No. 2.—Capital Account for and to end of 1923-1924.

Heads of account.	DIRECT CHARGES.			Cost of construction as now estimated (construction estimate closed on 31st March 1896).	Expenditure against closed estimate.
	Previous.	1923-1924.	Total.		
	RS.	RS.	RS.	RS.	RS.
I. WORKS—					
(1) Head Works—					
C. Works ..	56,860	..	56,860	56,860	56,860
Total ..	56,860	..	56,860	56,860	56,860
(2) Main Canals and Branches—					
A. Preliminary expenses ..	542	..	542	542	542
B. Land ..	443	..	443	443	443
D. Regulators ..	9,586	..	9,586	9,586	9,586
F. River and hill torrent works ..	498	..	498	498	498
F. (1) Other cross drainage works ..	7,099	..	7,099	7,099	7,099
G. Bridges ..	11,934	..	11,934	11,934	11,934
K. Buildings ..	5,456	..	5,456	5,456	5,456
L. Earthwork ..	2,17,214	..	2,17,214	2,17,214	2,17,214
N. Tanks and reservoirs ..	29,756	..	29,756	29,756	29,756
O. Miscellaneous ..	2,098	..	2,098	2,098	2,098
Total ..	2,84,626	..	2,84,626	2,84,626	2,84,626
(3) Distributaries—					
B. Lands ..	..	..	..	16,224	..
C. Works ..	37,225	12,535	49,760	29,606	5,573
L. Earthwork ..	..	..	..	26,593	..
O. Miscellaneous ..	..	..	..	1,150	..
Total ..	37,225	12,535	49,760	73,573	5,573
(5) Special tools and plant ..	..	..	..	..	..
Provision for unforeseen works ..	..	..	..	..	..
Total, Works ..	3,78,711	12,535	3,91,246	4,15,059	3,47,059
II. ESTABLISHMENT ..	91,605	4,668	96,273	95,646	78,646
III. TOOLS AND PLANT ..	153	157	310	1,360	..
Grand Total ..	4,70,469	17,360	4,87,829	5,12,065	4,25,705
Less—Receipts on capital account ..	50	..	50	50	50
Net Total ..	4,70,419	17,360	4,87,779	5,12,015	4,25,655
Apportionment—					
Chargeable to 49. Irrigation ..	58,224	..	58,224	..	..
Do. 43. Irrigation—Provincial ..	3,98,916	..	3,98,916	..	..
Do. 55-A. Irrigation—1. Productive. ..	13,279	17,360	30,639	..	..
Total ..	4,70,419	17,360	4,87,779	..	..

IRRIGATION BRANCH.

PUBLIC WORKS DEPARTMENT.

CHEYERU ANICUT SYSTEM—Canal Project.

No. 3.—Revenue Account for and to end of 1923-24.

Receipts.	TOTAL.			Charges.	TOTAL.		
	Previous.	1923-24.	Total.		Previous.	1923-24.	Total.
	RS.	RS.	RS.		RS.	RS.	RS.
I. DIRECT RECEIPTS—				I. EXTENSIONS AND IMPROVEMENTS—			
5. Receipts from plantation ..	5,846	972	6,818	(1) Head works ..	10,261	..	10,261
6. Receipts from other canal produce ..	9,668	181	9,849	(2) Main canals and branches ..	21,794	189	21,974
9. Rents of buildings ..	1,027	227	1,254	(3) Distributaries ..	79,380	5,664	85,044
11. Miscellaneous ..	8,179	4	8,183	(4) Drainage and protective works ..	1,919	..	1,919
				(5) Special tools and plant ..	..	..	..
				Add—Unclassifiable outlay ..	39,441	..	39,441
Total, Revenue realized in Public Works Department ..	24,718	1,384	26,102	Total ..	1,62,705	5,744	1,68,449
Irrigation Revenue realized in Civil Department ..	21,33,035	49,560	21,82,595	II. MAINTENANCE AND REPAIRS—			
				(1) Head works ..	38,802	1,185	39,987
Total, Direct Receipts.	21,57,753	50,944	22,08,697	(2) Main canals and branches ..	1,22,572	5,961	1,28,533
				(3) Distributaries ..	4,33,702	13,833	4,47,535
II. INDIRECT RECEIPTS—				(4) Drainage and protective works ..	13,489	..	13,489
Share of Land Revenue collected in the Civil Department ..	2,02,301	3,352	2,05,653	(5) Special tools and plant ..	..	..	..
				Add—Unclassifiable outlay ..	2,78,001	..	2,78,001
Total, Public Works and Civil Departments, Revenue ..	23,60,054	54,296	24,14,350	Total ..	8,92,566	20,979	9,13,545
				Total, Extensions and Improvements and Maintenance and Repairs ..	10,45,361	26,723	10,72,084
Total, Receipts ..	23,60,054	54,296	24,14,350	IV. ESTABLISHMENT ..	2,99,440	9,952	3,09,392
				V. TOOLS AND PLANT ..	1,758	335	2,093
				VI. REFUNDS OF REVENUE ..	832	..	832
				Total, Direct Charges ..	13,47,391	37,010	13,84,401
				Share of collection charges in the Civil Department ..	1,16,744	2,643	1,19,387
				Indirect charges ..	42,503	1,660	44,163
				Total, Direct and Indirect Charges ..	15,06,638	41,313	15,47,951
				* Deduct—Old maintenance charges saved to Government ..	47,674	4,639	52,313
				Net Total ..	14,58,964	36,674	14,95,638
				Balance, net revenue ..	9,01,090	17,622	9,18,712
				Grand Total ..	23,60,054	54,296	24,14,350

* Direct—				RS.
Extensions and improvements ..	..	..	..	5,586
Maintenance and repairs ..	..	..	..	640
Establishment ..	..	..	..	1,194
Tools and plant ..	..	..	..	40
Indirect ..	..	..	..	4,440
				199
				4,639

No. 4.—Interest Account for and to end of 1923-24.

	Amount.		Amount.
	RS.		RS.
Total interest charges to end of 1922-23 ..	7,07,184	Net revenue realized to end of 1922-23 ..	9,01,090
Total interest charges for the year 1923-24 ..	17,194	Net revenue realized during 1923-24 ..	17,622
Balance, net revenue ..	1,94,334		
Total ..	9,18,712	Total ..	9,18,712

ADMINISTRATIVE ACCOUNTS FOR THE YEAR 1923-24.

MADRAS PRESIDENCY

CHEYERU ANICUT SYSTEM—Canal Project—cont.

No. 5.—Account of Indirect Charges for and to end of 1923-24.

Particulars.	Previous.	1923-24.	Total.
	RS.	RS.	RS.
CAPITAL—			
Capitalization of abatement of land revenue ..	744	..	744
Leave and pension allowances ..	12,825	653	13,478
Audit and accounts ..	95	125	220
Total ..	13,664	778	14,442
REVENUE—			
Leave and pension allowances ..	41,921	1,393	43,314
Audit and accounts ..	582	267	849
Total ..	42,503	1,660	44,163
Grand Total ..	56,167	2,438	58,605

No. 6.—Statement comparing Charges to date with Sanctioned Estimates.

Particulars.	CHARGES AGAINST CLOSED SANCTIONS.			CURRENT SANCTIONS.			Total charges to date against old and current sanctions.	REMARKS.	
	Expenditure against construction estimate.	Expenditure against open canal sanction.	Total.	Charges to date.	Amount of sanctioned estimate.	Unspent balance of estimate.		G.O. No. and date.	Amount of estimate.
	RS.	RS.	RS.	RS.	RS.	RS.	RS.		RS.
Direct charges.									
Works ..	3,20,865	26,194	3,47,059	44,187	68,000	23,813	3,91,246		
Establishment ..	73,542	5,104	78,646	17,627	17,000	— 627	96,273		
Tools and plant ..	..	..	..	310	1,360	1,050	310		
Suspense account ..	..	..	..	..	..	..	..		
Total ..	3,94,407	31,298	4,25,705	62,124	86,360	24,236	4,87,829	Mis. 166 L., 23rd May 1922.	47,120
Less—Receipts on capital account ..	..	50	50	..	..	..	50	Mis. 209 L., 26th July 1923.	20,880
Net total ..	3,94,407	31,248	4,25,655	62,124	86,360	24,236	4,87,779		68,000
Indirect charges.									
Capitalized abatement of land revenue ..	744	..	744	..	..	..	744		
Leave and pension allowances ..	10,296	714	11,010	2,468	..	— 2,468	13,478		
Audit and accounts ..	..	..	..	220	..	— 220	220		
Total ..	11,040	714	11,754	2,688	..	— 2,688	14,442		
Grand Total ..	4,05,447	31,962	4,37,409	64,812	86,360	21,548	5,02,221		

IRRIGATION BRANCH.

PUBLIC WORKS DEPARTMENT.

TIRUKKÖYLÜR ANICUT SYSTEM—Canal Project.

No. 2.—Capital Account for and to end of 1923-24.

Heads of account.	DIRECT CHARGES.			Cost of construction as now estimated (construction estimate closed in March 1895).	Expenditure against closed estimate.
	Previous.	1923-24.	Total.		
I. Works—	RS.		RS.	RS.	RS.
(1) <i>Head Works—</i>					
O. Works	1,23,263	...	1,23,263	1,29,233	1,23,263
Total ...	1,23,263	...	1,23,263	1,29,233	1,23,263
(2) <i>Main Canals and Branches—</i>					
B. Land	7,327	...	7,327	7,327	7,327
D. Regulators	9,304	...	9,304	9,304	9,304
E. Falls and weirs	19,421	...	19,421	19,586	12,788
F. River and hill torrent works	...	...	...	...	...
F. (1) Other cross drainage works	8,577	...	8,577	8,577	8,577
G. Bridges	1,453	...	1,453	1,453	1,453
H. Escapes	1,378	...	1,378	1,378	1,378
K. Buildings	1,970	...	1,970	1,970	1,970
L. Earthwork	1,06,858	...	1,06,858	1,06,858	1,06,858
N. Tanks and reservoirs	13,542	...	13,542	13,542	13,542
O. Miscellaneous	4,920	...	4,920	4,920	4,920
Total ...	1,74,750	...	1,74,750	1,74,915	1,68,115
(3) <i>Distributaries—</i>					
C. Works	8,904	...	8,904	8,904	8,904
L. Earthwork	1,588	...	1,588	1,588	1,588
O. Miscellaneous	...	...	...	...	...
Total ...	10,492	...	10,492	10,492	10,492
(5) <i>Special tools and plant</i> ...	...	...	...	...	...
Total, Works ...	3,08,505	...	3,08,505	3,14,640	3,01,870
II. ESTABLISHMENT ...	67,643	...	67,643	68,209	64,889
III. TOOLS AND PLANT ...	24	...	24	256	...
Grand Total ...	3,76,172	...	3,76,172	3,83,105	3,66,759
Apportionment chargeable to 49. Irrigation.	33,500	...	33,500	...	...
Apportionment chargeable to 43. Irrigation—					
Provincial	3,33,259	...	3,33,259	...	...
Apportionment chargeable to 55-A. Irrigation—					
I. PRODUCTIVE ...	9,413	...	9,413	...	...
Total ...	3,76,172	...	3,76,172	...	...

ADMINISTRATIVE ACCOUNTS FOR THE YEAR 1923-24.

MADRAS PRESIDENCY

TIRUKKÖYLÜR ANICUT SYSTEM—Canal Project—cont.

No. 3.—Revenue Account for and to end of 1923-24.

Receipts.	TOTAL.			Charges.	TOTAL.		
	Previous.	1923-24.	Total.		Previous.	1923-24.	Total.
I. DIRECT RECEIPTS—	RS.	RS.	RS.	I. EXTENSIONS AND IMPROVEMENTS—	RS.	RS.	RS.
5. Receipts from plantations ..	25,972	2,079	28,051	(1) Head works ..	4,289	..	4,289
6. Receipts from other canal produce ..	5,432	150	5,582	(2) Main canals and branches ..	44,439	2,776	47,215
9. Rents of buildings ..	621	10	631	(3) Distributaries ..	50,322	..	50,322
Fines ..	..	2	2	(4) Drainage and protective works ..	20,015	..	20,015
11. Miscellaneous ..	601	12	613	(5) Special tools and plants ..	..	..	..
				Total ..	1,19,065	2,776	1,21,841
Total, Revenue realized in Public Works Department ..	32,626	2,253	34,879	II. MAINTENANCE AND REPAIRS—			
Irrigation Revenue realized in Civil Department ..	18,48,393	73,654	19,22,047	(1) Head works ..	61,260	1,753	63,013
				(2) Main canals and branches ..	2,48,304	12,338	2,60,642
Total, Direct Receipts ..	18,81,019	75,907	19,56,926	(3) Distributaries ..	1,14,215	191	1,14,406
II. INDIRECT RECEIPTS—				(4) Drainage and protective works ..	8,680	..	8,680
Share of Land Revenue collected in the Civil Department ..	1,64,736	3,362	1,68,098	(5) Special tools and plants ..	..	..	..
Total, Public Works and Civil Departments, Revenue.	20,45,755	79,269	21,25,024	<i>Add—Unclassifiable outlay</i> ..	1,95,063	..	1,95,063
				Total ..	6,27,522	14,282	6,41,804
				Total, Extensions and Improvements and Maintenance and Repairs ..	7,46,587	17,058	7,63,645
				IV. ESTABLISHMENT ..	2,12,266	6,353	2,18,619
				V. TOOLS AND PLANT ..	1,233	214	1,447
				VI. REFUNDS OF REVENUE ..	303	..	303
				Total, Direct Charges ..	9,60,389	23,625	9,84,014
				Share of collection charges in the Civil Department ..	1,00,656	3,851	1,04,507
				Indirect Charges ..	30,377	1,059	31,436
				Total, Direct and Indirect Charges.	10,91,422	28,535	11,19,957
				<i>* Deduct—Old maintenance charges saved to Government</i> ..	72,905	7,136	80,041
				Net Total ..	10,18,517	21,399	10,39,916
				Balance, net revenue ..	10,27,238	57,870	10,85,108
Total, Receipts ..	20,45,755	79,269	21,25,024	Grand Total ..	20,45,755	79,269	21,25,024
				<i>* Direct—</i>			
				Extensions and improvements ..	..	..	..
				Maintenance and repairs ..	..	..	..
				Establishment ..	..	..	..
				Tools and plant ..	..	..	..
				Total ..	6,830	308	7,138
				Indirect ..	..	..	..
				Total, Direct and Indirect ..	7,138	..	..

No. 4.—Interest Account for and to end of 1923-24.

	Amount.		Amount.
Total interest charges to end of 1922-23 ..	RS. 5,47,759	Net revenue realized to end of 1922-23 ..	RS. 10,27,238
Total interest charges for the year 1923-24 ..	12,731	Net revenue realized during 1923-24 ..	57,870
Balance, net revenue ..	5,24,618		
Total ..	10,85,108	Total ..	10,85,108

IRRIGATION BRANCH.

PUBLIC WORKS DEPARTMENT.

TIRUKKÖYLÜR ANICUT SYSTEM—Canal Project—cont.

No. 5.—Account of Indirect Charges for and to end of 1923-1924.

Particulars.	Previous.	1923-1924.	Total.
CAPITAL—	RS.	RS.	RS.
Capitalization of abatement of land revenue ..	105	..	105
Leave and pension allowances	9,470	..	9,470
Audit and accounts	66	..	66
Total ..	9,641	..	9,641
REVENUE—			
Capitalization of abatement of land revenue ..	290	..	290
Leave and pension allowances	29,718	889	30,607
Audit and accounts	369	170	539
Total ..	30,377	1,059	31,436
Grand Total ..	40,018	1,059	41,077

No. 6.—Statement comparing Charges to date with Sanctioned Estimates.

Particulars.	CHARGES AGAINST CLOSED SANCTIONS.			CURRENT SANCTIONS.			Total charges to date against old and current sanctions.	REMARKS.	
	Expenditure against construction estimate.	Expenditure against open canal sanction.	Total.	Charges to date.	Amount of sanctioned estimate.	Unspent balance of estimate.		G.O. No. and date.	Amount of estimate
Direct Charges.	RS.	RS.	RS.	RS.	RS.	RS.	RS.		RS.
Works	2,01,591	1,00,279	3,01,870	6,635	12,770	6,135	3,08,605	Mis. 179 I., 11th June 1921	6,800
Establishment	46,361	18,528	64,889	2,754	3,320	566	67,643	Mis. 321 I., 23rd August 1921	5,970
Tools and plant	..	..	..	24	256	232	24		
Suspense account	..	..	..	..	..	..	..		
Total ..	2,47,952	1,18,807	3,66,759	9,413	16,346	6,933	3,76,172	Total ..	12,770
Less—Receipts on Capital Account	..	..	..	..	..	..	..		
Net Total ..	2,47,952	1,18,807	3,66,759	9,413	16,346	6,933	3,76,172		
Indirect Charges.									
Capitalized abatement of Land Revenue	28	77	105	..	..	..	105		
Leave and pension allowances	6,490	2,594	9,084	386	..	388	9,470		
Audit and accounts	..	..	..	66	..	60	66		
Total ..	6,518	2,671	9,189	452	..	452	9,641		
Grand Total ..	2,54,470	1,21,478	3,75,948	9,865	16,346	6,481	3,85,813		

ADMINISTRATIVE ACCOUNTS FOR THE YEAR 1923-1924.

MADRAS PRESIDENCY

SHATIA TOPE ANICUT SYSTEM—Canal Project.

No. 2.—Capital Account for and to end of 1923-1924.

Heads of account.	DIRECT CHARGES.			Cost of construction as now estimated (closed in 31st March 1895).	Expenditure against closed estimate.
	Previous.	1923-1924.	Total.		
WORKS—	RS.		RS.	RS.	RS.
(1) Head Works—					
C. Works	2,31,572	..	2,31,572	2,31,572	2,31,572
K. Buildings	4,819	..	4,819	4,819	4,819
Total ..	2,36,391	..	2,36,391	2,36,391	2,36,391
(2) Main Canal and Branches—					
A. Preliminary expenses—old outlay	4,420	..	4,420	4,420	4,420
B. Land	1,40,970	..	1,40,970	1,40,970	1,40,970
D. Regulators	52,334	..	52,334	52,334	52,334
E. Falls and weirs	82,248	..	82,248	82,248	82,248
F. River and hill torrent works	17,625	..	17,625	17,625	17,625
G. Bridges	30,975	..	30,975	30,975	30,975
H. Escapes	2,599	..	2,599	2,599	2,599
I. Navigation works	11,236	..	11,236	11,236	11,236
K. Buildings	8,176	..	8,176	8,176	8,176
L. Earthwork	1,73,253	..	1,73,253	1,73,253	1,73,253
N. Tanks and reservoirs	13,196	..	13,196	13,196	13,196
O. Miscellaneous	4,950	..	4,950	4,950	4,950
Total ..	5,41,982	..	5,41,982	5,41,982	5,41,982
(3) Distributaries—					
B. Land	1,770	..	1,770	1,770	1,770
C. Works	20,439	..	20,439	20,439	20,439
L. Earthwork	6,512	..	6,512	6,512	6,512
O. Miscellaneous	3,312	..	3,312	3,312	3,312
Total ..	32,033	..	32,033	32,033	32,033
(4) Drainage—					
C. Works	84	..	84	23,000	..
(5) Special Tools and Plant—					
Total, Works	8,10,490	..	8,10,490	8,33,406	8,10,406
II. ESTABLISHMENT	1,04,760	..	1,04,760	1,09,899	1,04,724
III. TOOLS AND PLANT	115	..	115	460	115
Grand Total ..	9,15,365	..	9,15,365	9,43,765	9,15,245
Apportionment—					
Chargeable to 49. Irrigation	5,03,811	..	5,03,811	..	..
Do. 43. do.	..	..	..	..	..
Provincial	4,07,014	..	4,07,014	..	..
Chargeable to 35. Provincial—					
Irrigation Works—Imperial	4,420	..	4,420	..	..
Do. to 55-A. Irrigation—					
I. Productive.	120	..	120	..	..
Total ..	9,15,365	..	9,15,365	..	..

IRRIGATION BRANCH.

PUBLIC WORKS DEPARTMENT.

SHATIATOPE ANICUT SYSTEM—Canal Project.

No. 3.—Revenue Account for and to end of 1923-1924.

Receipts.	TOTAL.			Charges.	TOTAL.		
	Previous.	1923-1924.	Total.		Previous.	1923-1924.	Total.
I. DIRECT RECEIPTS—	RS.	RS.	RS.	I. EXTENSIONS AND IMPROVEMENTS—	RS.	RS.	RS.
5. Receipts from plantations ..	13,178	817	13,995	(1) Head works ..	3,955	27	3,982
6. Receipts from other canal produce ..	4,321	146	4,467	(2) Main canals and branches ..	34,862	1,991	36,853
9. Rents of buildings ..	965	75	1,040	(3) Distributaries ..	24,481	..	24,481
10. Fines ..	4	..	4	(4) Drainage and protective works ..	155	503	658
11. Miscellaneous ..	314	291	605	(5) Special tools and plant ..	..	..	..
Deduct—Refunds ..	1	..	1	Add—Unclassifiable outlay ..	21,316	..	21,316
Total, Revenue realized in Public Works Department ..	18,781	1,329	20,110	Total ..	84,772	2,521	87,293
Irrigation Revenue realized in Civil Department ..	43,40,260	1,31,136	44,71,396	II. MAINTENANCE AND REPAIRS—	RS.	RS.	RS.
Total, Direct Receipts ..	43,59,041	1,32,465	44,91,506	(1) Head works ..	88,582	2,782	91,364
II. INDIRECT RECEIPTS—				(2) Main canals and branches ..	2,83,080	15,328	2,98,408
Share of land revenue collected in the Civil Department ..	11,23,914	15,209	11,39,123	(3) Distributaries ..	89,610	380	89,990
Total, Public Works and Civil Departments, Revenue ..	54,82,955	1,47,674	56,30,629	(4) Drainage and protective works ..	2,934	..	2,934
				(5) Special tools and plant ..	..	..	..
				Add—Unclassifiable outlay ..	2,57,678	..	2,57,678
				Total ..	7,51,884	18,490	7,70,374
				Total, Extensions and Improvements and Maintenance and Repairs ..	8,36,666	21,011	8,57,677
				IV. ESTABLISHMENT ..	2,64,791	7,825	2,72,616
				V. TOOLS AND PLANT ..	1,577	264	1,841
				VI. REFUNDS OF REVENUE ..	249	..	249
				Total, Direct Charges ..	11,03,273	29,100	11,32,373
				Share of collection charges in the Civil Department ..	2,73,208	7,317	2,80,525
				Indirect charges ..	37,991	1,306	39,297
				Total, Direct and Indirect Charges ..	14,14,472	37,723	14,52,195
				* Deduct—Old maintenance charges saved to Government ..	24,302	2,379	26,681
				Total ..	13,90,170	35,344	14,25,514
				Balance, net revenue ..	40,92,785	1,12,330	42,05,115
Total, Receipts ..	54,82,955	1,47,674	56,30,629	Grand Total ..	54,82,955	1,47,674	56,30,629

No. 4.—Interest Account for and to end of 1923-1924.

	Amount.		Amount.
	RS.		RS.
Total interest charges to end of 1922-1923 ..	6,21,501	Net revenue realized to end of 1922-1923 ..	40,92,785
Total interest charges for the year 1923-1924 ..	30,441	Net revenue realized during 1923-1924 ..	1,12,330
Balance net revenue ..	35,53,173		
Total ..	42,05,115	Total ..	42,05,115

ADMINISTRATIVE ACCOUNTS FOR THE YEAR 1923-1924.

MADRAS PRESIDENCY

SHATIATOPE ANICUT SYSTEM—Canal Project.

No. 5.—Account of Indirect Charges for and to end of 1923-1924.

Particulars.	Previous.	1923-1924.	Total.
CAPITAL—	RS.	RS.	RS.
Capitalized abatement of land revenue ..	42,609	..	42,609
Leave and pension allowances ..	14,667	..	14,667
Audit and accounts ..	1	..	1
Total ..	57,277	..	57,277
REVENUE—			
Capitalized abatement of land revenue ..	379	..	379
Leave and pension allowances ..	37,067	1,096	38,163
Audit and accounts ..	545	210	755
Total ..	37,991	1,306	39,297
Grand Total ..	95,268	1,306	96,574

No. 6.—Statement comparing Charges to date with Sanctioned Estimates.

Particulars.	CHARGES AGAINST CLOSED SANCTIONS.			CURRENT SANCTIONS.			Total charges to date against old and current sanctions.	REMARKS.	
	Expenditure against construction estimate.	Expenditure against open canal sanction.	Total.	Charges to date.	Amount of sanctioned estimate.	Unspent balance of estimate.		G.O. No. and date.	Amount of estimate.
Direct Charges.	RS.	RS.	RS.	RS.	RS.	RS.	RS.		RS.
Works ..	1,09,182	7,01,224	8,10,406	84	23,000	22,916	8,10,491		
Establishment ..	24,702	80,022	1,04,724	36	5,175	5,139	1,04,760	Mis. 136 I., 26th April 1920.	23,000
Tools and plant ..	..	115	115	..	345	345	115		
Suspense account ..	..	..	..	..	..	..	..		
Total ..	1,33,884	7,81,361	9,15,245	120	28,520	28,400	9,15,365		
Less—Receipts on Capital account.	..	..	..	..	..	..	..		
Net Total ..	1,33,884	7,81,361	9,15,245	120	28,520	28,400	9,15,365		
Indirect Charges.									
Capitalized abatement of land revenue ..	..	42,609	42,609	..	..	..	42,609		
Leave and pension allowances ..	3,457	11,205	14,662	6	..	5	14,667		
Audit and accounts ..	..	..	..	1	..	1	1		
Total ..	3,457	53,814	57,271	6	..	6	57,277		
Grand Total ..	1,37,341	8,35,175	9,72,516	126	28,520	28,394	9,72,642		

IRRIGATION BRANCH.

PUBLIC WORKS DEPARTMENT.

TOLUDUR PROJECT—Tank Project.

No. 2.—Capital Account for and to end of 1923-1924.

Heads of account.	DIRECT CHARGES.			Cost of construction as now estimated.	Expenditure against closed estimate.
	Previous.	1923-1924.	Total.		
1	2	3	4	5	6
I. WORKS—	RS.	RS.	RS.	RS.	
(1) <i>Head Works—</i>					
A. Preliminary expenses	5,101	245	8,316	9,500	..
B. Land	60,344	— 1,558	58,786	66,750	..
C. Works	4,12,500	36,753	4,49,253	5,04,560	..
K. Buildings	20,992	10	21,002	21,000	..
L. Earthwork	7,31,150	62,657	7,93,807	11,65,600	..
O. Miscellaneous	6,913	233	7,076	11,900	..
P. Maintenance	4,051	1,177	5,228	5,000	..
Unforeseen works	..	..	..	5,000	..
Total ..	12,43,751	99,547	13,43,298	18,79,310	..
(2) <i>Main Canals and Branches—</i>					
A. Preliminary expenses	1,176	..	1,176	5,800	..
B. Land	38,398	..	38,398	56,700	..
C. Works	..	..	..	..	..
D. Regulators	15,497	2,874	17,871	33,600	..
E. Falls and weirs	23,391	193	23,584	26,200	..
F. (1) Other cross drainage works	8,447	228	8,675	14,280	..
G. Bridges	8,806	47	8,853	26,200	..
K. Buildings	..	..	..	..	..
L. Earthwork	49,611	1,775	51,386	61,880	..
O. Miscellaneous	1,048	24	1,072	2,300	..
P. Maintenance	2,656	764	3,420	4,950	..
Unforeseen works	..	..	..	14,780	..
Total ..	1,49,030	5,405	1,54,135	2,40,690	..
(3) <i>Distributaries—</i>					
A. Preliminary expenses	971	..	971	1,200	..
B. Land	38,423	265	38,688	74,500	..
C. Works	33,101	6,059	39,160	72,400	..
L. Earthwork	..	..	..	..	..
O. Miscellaneous	..	..	..	..	..
P. Maintenance	..	..	..	2,000	..
Unforeseen works	..	..	..	..	..
Total ..	72,495	6,324	78,819	1,51,000	..
(5) <i>Special Tools and Plant—</i>					
Provision for unforeseen works	8,193	— 4,853	3,340	..	..
Total Works ..	14,73,469	1,06,423	15,79,892	22,71,000	..
II. ESTABLISHMENT	4,21,705	39,633	4,61,338	3,89,772	..
III. TOOLS AND PLANT	3,04,393	1,336	3,05,729	3,01,309	..
(a) Grand Total ..	21,99,567	1,47,392	23,46,959	29,62,081	..
V. Less—Receipts on capital account ..	6,879	642	7,521	2,081	..
(a) Net Total ..	21,92,688	1,46,750	23,39,438	29,60,000	..
Chargeable to 49. Irrigation Works ..	17,48,578	..	17,48,578	..	..
Do. to 55-A. Irrigation Works—Productive ..	4,44,110	1,46,750	5,90,860	..	..
Total ..	21,92,688	1,46,750	23,39,438	..	..

ADMINISTRATIVE ACCOUNTS FOR THE YEAR 1923-24.

MADRAS PRESIDENCY

TOLUDUR PROJECT—Tank Project.

No. 3.—Revenue Account for and to end of 1923-1924.

Receipts.	TOTAL.			Charges.	TOTAL.		
	Previous.	1923-24	Total.		Previous.	1922-23.	Total.
		RS.	RS.			RS.	RS.
DIRECT RECEIPTS—				I. EXTENSIONS AND IMPROVEMENTS—			
6. Receipts from other canal produce ..	..	..	..	(1) Head works	..	1,895	1,895
9. Rents of buildings	..	..	..	(2) Main canals and branches ..	..	..	..
11. Miscellaneous	..	..	..	(3) Distributaries	..	..	..
				(4) Drainage and protective works ..	..	..	..
				(5) Special tools and plant ..	..	..	..
Total, Revenue realized in Public Works Department ..	..	..	..	Total ..	..	1,895	1,895
Irrigation Revenue realized in Civil Department ..	..	..	..	II. MAINTENANCE AND REPAIRS—			
				(1) Head works	..	..	..
Total, Direct Receipts ..	..	..	..	(2) Main canals and branches ..	..	..	..
II. INDIRECT RECEIPTS—				(3) Distributaries	..	..	..
Share of Land Revenue collected in the Civil Department ..	..	..	..	(4) Drainage and protective works ..	..	..	..
				(5) Special tools and plant ..	..	..	..
Total, Indirect Receipts ..	..	..	..	Add—Unclassifiable outlay ..	..	..	..
				Total ..	..	..	..
Total, Public Works and Civil Departments, Revenue ..	..	..	..	Total, Extensions and Improvements and Maintenance and Repairs ..	..	1,895	1,895
				IV. ESTABLISHMENT	..	706	706
Total, Receipts ..	..	..	..	V. TOOLS AND PLANT	..	24	24
Net deficit, if any ..	..	2,743	2,743	VI. REFUNDS OF REVENUE	..	..	..
				Total, Direct Charges ..	..	2,625	2,625
				Share of collection charges in the Civil Department ..	..	..	..
				Indirect Charges ..	..	118	118
				Total, Direct and Indirect Charges ..	..	2,743	2,743
				Balance, net revenue ..	..	..	..
Total, Receipts ..	..	2,743	2,743	Grand Total ..	..	2,743	2,743

No. 4.—Interest Accounts for and to end of 1923-1924.

	Amount.		Amount.
	RS.		RS.
Total interest charges to end of 1922-23 ..	4,30,142	Net revenue realized to end of 1922-23 ..	..
Total interest charges for the year 1923-24 ..	1,09,382	Net revenue realized during 1923-24 ..	— 2,743
		Balance net interest charges ..	5,42,267
Total ..	5,39,524	Total ..	5,39,524

IRRIGATION BRANCH.

PUBLIC WORKS DEPARTMENT.

TOLUDUR PROJECT—Tank Project.

No. 5.—Account of Indirect Charges for and to end of 1923-1924.

Particulars.	Previous.	1923-1924.	Total.
CAPITAL—			
Capitalization of abatement of land revenue	Rs. 1,78,809	Rs. 1,485	Rs. 1,80,294
Leave and pension allowances	59,038	5,549	64,587
Audit and accounts	3,236	1,064	4,300
Total ..	2,41,083	8,098	2,49,181
REVENUE—			
Capitalization of abatement of land revenue	..	..	..
Leave and pension allowances	..	99	99
Audit and accounts	..	19	19
Total ..	..	118	118
Grand Total ..	2,41,083	8,216	2,49,299

No. 6.—Statement comparing Charges to date with Sanctioned Estimates.

Particulars.	CHARGES AGAINST CLOSED SANCTIONS.			CURRENT SANCTIONS.			Total charges to date against old and current sanctions.	REMARKS.	
	Expenditure against construction estimate.	Expenditure against open canal sanction.	Total.	Charges to date.	Amount of sanctioned estimate.	Unspent balance of estimate.		G.O. No. and date.	Amount of estimate.
Direct Charges.				RS.	RS.	RS.	RS.	Direct.	RS.
Works	..	..	..	15,79,892	22,71,000	6,91,108	15,79,892	111 I., dated 20th March 1918.	22,71,000
Establishment	..	..	..	4,61,338	3,89,772	71,566	4,61,338		
Tools and plant	..	..	..	3,05,729	3,01,309	4,420	3,05,729		
Suspense account	..	..	..	..	..	..	..	Indirect	2,50,000
Total ..	..	..	..	23,46,959	29,62,081	6,15,122	23,46,959		
Less—Receipts on Capital Account.	..	..	..	7,521	2,081	5,440	7,521		
Net Total ..	..	..	..	23,39,438	29,60,000	6,20,562	23,39,438		
Indirect Charges.									
Capitalized abatement of land revenue	..	..	..	1,80,294	1,95,432	15,138	1,80,294		
Leave and pension allowances	..	..	..	64,587	54,568	10,019	64,587		
Audit and accounts	..	..	..	4,300	..	4,300	4,300		
Total ..	..	..	..	2,49,181	2,50,000	819	2,49,181		
Grand Total ..	..	..	..	25,88,619	32,10,000	6,21,381	25,88,619		

ADMINISTRATIVE ACCOUNTS FOR THE YEAR 1923-24.

MADRAS PRESIDENCY

MEHAMATTUR ANICUT SYSTEM—Canal Project.

No. 2.—Capital Account for and to end of 1923-1924.

Heads of account.	DIRECT CHARGES.			Cost of construction (estimated (construction estimate closed in March 1891).	against closed estimate.
	Previous.	1923-1924.	Total.		
I. WORKS—	RS.	RS.	RS.	RS.	RS.
(1) Head Works—					
C. Works	56,967	..	56,967	56,967	56,967
(2) Main canals and branches—					
E. Falls and weirs	1,844	..	1,844	1,844	1,844
(3) Distributaries—					
C. Works	563	..	563	563	563
Total, Works ..	59,374	..	59,374	59,374	59,374
II. ESTABLISHMENT	13,990	..	13,990	13,990	13,990
III. TOOLS AND PLANT	8	..	8	8	8
(a) Grand Total ..	73,372	..	73,372	73,372	73,372
Chargeable to 43. Provincial Irrigation ..	72,538	..	72,538	..	..
Do. 55-A. Irrigation—1. Productive	834	..	834	..	..
Total ..	73,372	..	73,372	..	..

No. 3.—Revenue Account for and to end of 1923-1924.

Receipts.	TOTAL.			Charges.	TOTAL.		
	Previous.	1923-1924.	Total.		Previous.	1923-1924.	Total.
I. DIRECT RECEIPTS—	RS.	RS.	RS.	I. EXTENSIONS AND IMPROVEMENTS—	RS.	RS.	RS.
5. Receipts from plantations ..	1,127	71	1,198	(1) Head works	2,920	..	2,920
6. Receipts from other canal produce ..	2,370	79	2,449	(2) Main canals and branches ..	12,934	450	13,384
9. Rents of buildings. 91 ..	91	..	91	(3) Distributaries	6,042	..	6,042
11. Miscellaneous .. 45 ..	45	..	45	(4) Drainage and protective works ..	..	..	..
Total, Revenue realized in Public Works Department ..	3,633	150	3,783	(5) Special tools and plant ..	..	..	..
Irrigation revenue realized in Civil Department ..	5,80,633	21,304	6,01,937	Add—Unclassifiable outlay ..	9,521	..	9,521
Total, Direct receipts. 5,84,266 ..	5,84,266	21,454	6,05,720	Total ..	30,417	450	20,867
II. INDIRECT RECEIPTS—				II. MAINTENANCE AND REPAIRS—			
Share of land revenue collected in the Civil Department ..	2,976	51	3,027	(1) Head works	40,307	1,636	41,943
Total, Public Works and Civil Departments, Revenue ..	5,87,242	21,505	6,08,747	(2) Main canals and branches ..	52,501	2,328	54,829
				(3) Distributaries	24,803	..	24,803
				(4) Drainage and protective works ..	..	..	..
				(5) Special tools and plant ..	..	..	..
				Add—Unclassifiable outlay ..	45,826	..	45,826
				Total ..	1,63,437	3,964	1,67,401
				Total, Extensions and Improvements and Maintenance and Repairs ..	1,93,854	4,414	1,98,268
				IV. ESTABLISHMENT	46,149	1,644	47,793
				V. TOOLS AND PLANT	244	55	299
				VI. REFUNDS OF REVENUE	4	..	4
				Total, Direct Charges ..	2,40,261	6,113	2,46,364
				Share of collection charges in the Civil Department ..	29,180	1,068	30,248
				Indirect charges	6,891	274	7,165
				Total, Direct and Indirect Charges ..	2,76,322	7,455	2,83,777
				Deduct—Old maintenance charges saved to Government (a) ..	19,127	920	20,047
				Net Total ..	2,57,195	6,535	2,63,730
				Balance, net revenue	3,30,047	14,970	3,45,017
Total, Receipts ..	5,87,242	21,505	6,08,747	Grand Total ..	5,87,242	21,505	6,08,747

(a) Extensions and improvements	126
Maintenance and repairs	510
Establishment	237
Tools and plant	8
Total, Direct Charges	881
Indirect charges	39
Grand Total	920

IRRIGATION BRANCH.

PUBLIC WORKS DEPARTMENT.

MEHAMATTUR ANICUT SYSTEM—Canal Project.

No. 1.—Interest Account for and to end of 1923-1924.

	Amount.		Amount.
	RS.		RS.
Total interest charges to end of 1922-1923 ..	1,41,902	Net revenue realized to end of 1922-1923 ..	3,30,047
Total interest charges for the year 1923-1924 ..	2,502	Net revenue realized during 1923-1924 ..	14,970
Balance, net revenue ..	2,00,613		
Total ..	3,45,017	Total ..	3,45,017

No. 5.—Account of Indirect Charges for and to end of 1923-1924.

Particulars.	Previous.	1923-1924.	Total.
CAPITAL—	Rs.	Rs.	Rs.
Capitalization of abatement of land revenue ..	45	...	45
Leave and pension allowances ..	1,958	...	1,958
Audit and accounts ..	6	...	6
Total ..	2,009	...	2,009
REVENUE—			
Capitalization of abatement of land revenue ..	354	...	354
Leave and pension allowances ..	6,457	230	6,687
Audit and accounts ..	80	44	124
Total ..	6,891	274	7,165
Grand Total ..	8,900	274	9,174

No. 6.—Statement comparing Charges to date with Sanctioned Estimates.

Particulars.	CHARGES AGAINST CLOSED SANCTIONS.			CURRENT SANCTIONS.			Total charges to date against old and current sanctions.	REMARKS.	
	Expenditure against construction estimate.	Expenditure against open canal sanction.	Total.	Charges to date.	Amount of sanctioned estimate.	Unspent balance of estimate.		G.O. No. and date.	Amount of estimate.
Direct Charges.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.		Rs.
Works ..	56,289	3,085	59,374	...	...	...	59,374		
Establishment ..	12,946	1,044	13,990	...	...	...	13,990		
Tools and plant ..	...	8	8	...	...	...	8		
Suspense account ..	...	...	...	...	...	...	...		
Total ..	69,235	4,137	73,372	...	...	...	73,372		
Less—Receipts on Capital Account ..	...	...	...	...	...	...	...		
Net Total ..	69,235	4,137	73,372	...	...	...	73,372		
Indirect Charges.									
Capitalized abatement of land revenue ..	...	45	45	...	...	...	45		
Leave and pension allowances ..	1,812	146	1,958	...	...	...	1,958		
Audit and accounts ..	...	6	6	...	...	...	6		
Total ..	1,812	197	2,009	...	...	...	2,009		
Grand Total ..	71,047	4,334	75,381	...	...	...	75,381		

ADMINISTRATIVE ACCOUNTS FOR THE YEAR 1923-24.

MADRAS PRESIDENCY

VRIDDHACHALAM ANICUT SYSTEM—Canal Project.

No. 2.—Capital Account for and to end of 1923-1924.

Heads of account.	DIRECT CHARGES.			Cost of construction as now estimated (construction estimate closed in March 1893).	Expenditure against closed estimate.
	Previous.	1923-1924.	Total.		
I. WORKS—	RS.		RS.	RS.	RS.
(1) Head Works—					
B. Land ..	58,094	...	58,094	58,094	58,094
C. Works ..	...	...	...	...	...
O. Miscellaneous ..	...	...	...	...	...
Total ..	58,094	...	58,094	58,094	58,094
(2) Main Canals and Branches—					
B. Land ..	158	...	158	158	158
D. Regulators ..	4,049	...	4,049	4,049	4,049
E. Falls and Weirs ..	6,315	...	6,315	6,315	6,315
L. Earthwork ..	...	...	...	...	...
Total ..	10,522	...	10,522	10,522	10,522
Total, Works ..	68,616	...	68,616	68,616	68,616
II. ESTABLISHMENT ..	16,575	...	16,575	16,575	16,575
III. TOOLS AND PLANT ..	...	...	...	...	...
Grand Total ..	84,191	...	84,191	84,191	84,191

* Chargeable to "43. Minor Works and Navigation—Provincial."

No. 3.—Revenue Account for and to end of 1923-1924.

Receipts.	TOTAL.			Charges.	TOTAL.		
	Previous.	1923-1924.	Total.		Previous.	1923-1924.	Total.
I. DIRECT RECEIPTS—	RS.	RS.	RS.	I. EXTENSIONS AND IMPROVEMENTS—	RS.	RS.	RS.
5. Receipts from plantations ..	2,764	167	2,931	(1) Head works ..	6,629	...	6,629
6. Receipts from other canal produce ..	2,006	107	2,113	(2) Main canals and branches ..	17,398	502	17,900
9. Rents of buildings ..	46	4	50	(3) Distributaries ..	9,516	...	9,516
11. Miscellaneous ..	78	...	78	(4) Drainage and protective works ..	...	...	...
Deduct—Refunds ..	29	...	20	(5) Special tools and plant ..	1,968	...	1,968
Total, Revenue realized in Public Works Department ..	4,865	278	5,143	Add—Unclassifiable outlay ..	...	...	...
Irrigation revenue realized in Civil Department ..	8,90,511	31,144	9,21,655	Total ..	35,511	502	36,013
Total, Direct Receipts ..	8,95,376	31,422	9,26,798	II. MAINTENANCE AND REPAIRS—			
II. INDIRECT RECEIPTS—				(1) Head works ..	47,934	...	48,575
Share of land revenue collected in the Civil Department ..	19,460	294	19,754	(2) Main canals and branches ..	63,835	3,512	67,347
Total, Indirect Receipts ..	19,460	294	19,754	(3) Distributaries ..	41,346	182	41,528
Total, Direct and Indirect Receipts ..	9,14,836	31,716	9,46,552	(4) Drainage and protective works ..	1,089	...	1,089
				(5) Special tools and plant ..	53,862	...	53,862
				Add—Unclassifiable outlay ..	...	...	...
				Total ..	2,08,063	4,335	2,12,401
				Total, Extensions and Improvements and Maintenance and Repairs ..	2,43,577	4,837	2,48,414
				IV. ESTABLISHMENT ..	57,639	1,801	59,440
				V. TOOLS AND PLANT ..	366	61	427
				VI. REFUNDS OF REVENUE ..	...	...	...
				Total, Direct Charges ..	3,01,582	6,099	3,08,281
				Share of collection charges in the Civil Department ..	45,497	1,572	47,069
				Indirect charges ..	8,236	300	8,536
				Total, Direct and Indirect charges ..	3,55,315	8,571	3,63,886
				Balance, net revenue ..	5,59,521	23,145	5,82,666
				Grand Total ..	9,14,836	31,716	9,46,552

No. 4.—Interest Account for and to end of 1923-1924.

	Amount.		Amount.
	RS.		RS.
Total interest charges to end of 1922-1923 ..	1,24,236	Net revenue realized to end of 1922-1923 ..	5,59,521
Total interest charges for the year 1923-1924 ..	2,799	Net revenue realized during 1923-1924 ..	23,145
Balance, net revenue ..	4,55,681		
Total ..	5,82,666	Total ..	5,82,666

IRRIGATION BRANCH.

PUBLIC WORKS DEPARTMENT.

VRIDDHACHALAM ANICUT SYSTEM—Canal Project—cont.

No. 5.—Account of Indirect Charges for and to end of 1923-1924.

Particulars.	Previous.	1923-1924.	Total.
	RS.	RS.	RS.
CAPITAL—			
Capitalization of abatement of land revenue	314	...	314
Leave and pension allowances	2,180	...	2,180
Audit and accounts	...	...	...
Total ...	2,494	...	2,494
REVENUE—			
Capitalization of abatement of land revenue	97	...	97
Leave and pension allowances	8,066	252	8,318
Audit and accounts	73	48	121
Total ...	8,236	300	8,536
Grand Total ...	10,730	300	11,030

No. 6.—Statement comparing Charges to date with Sanctioned Estimates.

Particulars.	CHARGES AGAINST CLOSED SANCTIONS.			CURRENT SANCTIONS.			Total charges to date against old and current sanctions.	REMARKS.	
	Expenditure against construction estimate.	Expenditure against open canal sanction.	Total.	Charges to date.	Amount of sanctioned estimate.	Unspent balance of estimate.		G.O. No. and date.	Amount of estimate.
Direct Charges.	RS.	RS.	RS.				RS.		
Works	39,405	29,211	68,616	...	...	...	68,616		
Establishment	9,063	6,512	15,575	...	...	...	15,575		
Tools and plant	...	...	...	...	...	...	...		
Suspense account	...	...	...	...	...	...	...		
Total ...	48,468	35,723	84,191	...	...	...	84,191		
Less—Receipts on Capital Account.	...	...	...	...	...	...	...		
Net Total ...	48,468	35,723	84,191	...	...	...	84,191		
Indirect Charges.									
Capitalized abatement of land revenue	...	314	314	...	...	...	314		
Leave and pension allowances	1,269	911	2,180	...	...	...	2,180		
Total ...	1,269	1,225	2,494	...	...	...	2,494		
Grand Total ...	49,737	36,948	86,685	...	...	...	86,685		

ADMINISTRATIVE ACCOUNTS FOR THE YEAR 1923-24.

MADRAS PRESIDENCY

LOWER COLEROON ANICUT SYSTEM—Canal Project.

No. 2.—Capital Account for and to end of 1923-1924.

Heads of account.	DIRECT CHARGES.			Cost of construction as now estimated. Construction estimate closed on 30th June 1923.	Expenditure against closed estimate.
	Previous.	1923-1924.	Total.		
	RS.	RS.	RS.	RS.	RS.
I. WORKS—					
(1) Head Works—					
C. Works	10,39,467	...	10,39,467	10,39,467	10,39,467
K. Buildings	7,572	...	7,572	7,572	7,572
L. Earthwork	...	...	...	...	...
O. Miscellaneous	108	...	108	108	108
Total ...	10,46,931	...	10,46,931	10,46,931	10,46,931
(2) Main Canals and Branches—					
A. Preliminary expenses	3,089	...	3,089	3,089	3,089
B. Land	25,161	...	25,161	25,161	25,161
C. Works	...	...	...	...	...
D. Regulators	51,822	...	51,822	51,822	51,822
E. Falls and weirs	13,410	...	13,410	13,410	13,410
F. (1) Other cross drainage works	8,062	...	8,062	8,062	8,062
G. Bridges	12,363	...	12,363	12,363	12,363
K. Buildings	2,218	...	2,218	2,218	2,218
L. Earthwork	1,71,126	...	1,71,126	1,71,126	1,71,126
N. Tank and reservoirs	4,515	...	4,515	4,515	4,515
O. Miscellaneous	4,816	...	4,816	4,816	4,816
Total ...	2,96,582	...	2,96,582	3,08,722	2,96,582
(3) Distributaries—					
B. Land	5,008	...	5,008	5,008	5,008
C. Works	25,575	...	25,575	25,575	25,575
L. Earthwork	1,012	...	1,012	1,012	1,012
Total ...	31,595	...	31,595	31,595	31,595
(4) Drainage and Protective Works—					
B. Land	37,013	...	37,013	37,013	37,013
C. Works	58,443	...	58,443	58,443	58,443
L. Earthwork	76,522	...	76,522	76,522	76,522
O. Miscellaneous	1,329	...	1,329	1,329	1,329
Total ...	1,73,307	...	1,73,307	1,73,307	1,73,307
(5) Special Tools and Plant—					
Provision for unforeseen works	...	...	...	...	...
Total, Works ...	15,48,415	...	15,48,415	15,60,555	15,48,415
II. ESTABLISHMENT	3,09,063	...	3,09,063	3,12,116	3,09,063
III. TOOLS AND PLANT	14,079	...	14,079	14,356	14,079
Grand Total ...	18,71,557	...	18,71,557	18,87,027	18,71,557
Apportionment—					
Chargeable to 49. Irrigation	3,81,952	...	3,81,952	...	...
Chargeable to 43. Irrigation—Provincial	14,89,605	...	14,89,605	...	...
Total ...	18,71,557	...	18,71,557	...	...

IRRIGATION BRANCH.

PUBLIC WORKS DEPARTMENT.

LOWER COLEROON ANICUT SYSTEM—Canal Project—cont.

No. 3.—Revenue Account for and to end of 1923-1924.

Receipts.	TOTAL.			Charges.	TOTAL.		
	Previous.	1923-1924.	Total.		Previous.	1923-1924.	Total.
I. DIRECT RECEIPTS—	RS.	RS.	RS.	I. EXTENSIONS AND IMPROVEMENTS—	RS.	RS.	RS.
5. Receipts from plantations ..	36,843	3,426	40,269	(1) Head works	1,68,866	..	1,68,866
6. Receipts from other canal produce ..	29,490	1,356	30,846	(2) Main canals and branches ..	1,38,216	11,718	1,49,934
9. Rents of buildings.	2,587	230	2,817	(3) Distributaries	46,838	78	46,916
11. Miscellaneous ..	9,612	352	9,964	(4) Drainage and protective works..	2,768	..	2,768
Deduct—Refunds ..	166	125	291	(5) Special tools and plant ..	— 1,806	..	— 1,806
				Add—Unclassifiable outlay ..	24,873	..	24,873
				Total ..	3,79,761	11,796	3,91,557
Total, Revenue realized in Public Works Department ..	78,366	5,239	83,605	II. MAINTENANCE AND REPAIRS—			
Irrigation revenue realized in Civil Department ..	1,46,88,082	3,80,371	1,50,68,453	(1) Head works	1,63,866	2,233	1,66,099
Total, Direct Receipts ..	1,47,66,448	3,85,610	1,51,52,058	(2) Main canals and branches ..	6,43,136	1,03,217	9,46,353
				(3) Distributaries	2,88,767	3,995	2,92,762
				(4) Drainage and protective works.	11,105	222	11,327
				(5) Special tools and plant ..	..	..	..
				Add—Unclassifiable outlay ..	4,82,053	..	4,82,053
				Total ..	17,88,927	1,09,667	18,98,594
II. INDIRECT RECEIPTS—				Total, Extensions and Improvements and Maintenance and Repairs ..	21,68,638	1,21,463	22,90,151
Share of land revenue collected in the Civil Department ..	35,78,678	51,510	36,30,188	IV. ESTABLISHMENT	6,93,303	45,438	7,38,741
Total, Public Works and Civil Departments, Revenue ..	1,83,45,126	4,37,120	1,87,82,246	V. TOOLS AND PLANT	5,137	908	6,045
				VI. REFUNDS OF REVENUE	423	..	423
				Deduct—Recurring expenditure ..	..	48	48
				Total, Direct Charges ..	28,67,551	1,67,761	30,35,312
				Share of collection charges in the Civil Department	9,13,339	21,594	9,34,933
				Indirect charges	1,12,074	7,576	1,19,650
				Total, Direct and Indirect Charges ..	38,92,954	1,96,931	40,89,895
				* Deduct—Old maintenance charges saved to Government ..	1,07,623	10,498	1,18,121
				Net Total ..	37,85,341	1,86,433	39,71,774
				Balance, net revenue	1,45,59,785	2,50,687	1,48,10,472
Total, Receipts ..	1,83,45,126	4,37,120	1,87,82,246	Grand Total ..	1,83,45,126	4,37,120	1,87,82,246

• Direct—

Extensions and improvements	2,427
Maintenance and repairs	4,833
Establishment	2,731
Tools and plant	82
	10,043
Indirect	455
Total ..	10,498

ADMINISTRATIVE ACCOUNTS FOR THE YEAR 1923-24.

MADRAS PRESIDENCY

LOWER COLEROON ANICUT SYSTEM—Canal Project.
No. 4.—Interest Account for and to end of 1923-1924.

	Amount.		Amount.
Total interest charges to end of 1922-1923 ..	Rs. 21,93,257	Net revenue realized to end of 1922-1923 ..	Rs. 1,45,59,785
Total interest charges for the year 1923-1924 ..	32,280	Net revenue realized during 1923-1924 ..	2,50,687
Balance net revenue	1,25,64,935		
Total ..	1,48,10,472	Total ..	1,48,10,472

No. 5.—Account of Indirect Charges for and to end of 1923-1924.

Particulars.	Previous.	1923-1924.	Total.
CAPITAL—	RS.	RS.	RS.
Capitalization of abatement of land revenue ..	28,068	..	28,068
Leave and pension allowances	43,267	..	43,267
Audit and accounts	..	..	..
Total ..	71,335	..	71,335
REVENUE—			
Capitalization of abatement of land revenue ..	12,916	..	12,916
Leave and pension allowances	97,060	6,361	1,03,421
Audit and accounts	2,098	1,215	3,313
Total ..	1,12,074	7,576	1,19,650
Grand Total ..	1,83,409	7,576	1,90,985

No. 6.—Statement comparing Charges to date with Sanctioned Estimates.

Particulars.	CHARGES AGAINST CLOSED SANCTIONS.			CURRENT SANCTIONS.			Total charges to date against old and current sanctions.	REMARKS.	
	Expenditure against construction estimate.	Expenditure against open canal sanction.	Total.	Charges to date.	Amount of sanctioned estimate.	Unspent balance of estimate.		G.O. No. and date.	Amount of estimate.
Direct charges.	RS.	RS.	RS.				RS.		RS.
Works ..	10,67,518	4,86,897	15,48,415	..	12,140	12,140	15,48,415	Mis. 27 I., dated 12th October 1923.	7,250
Establishment ..	2,32,623	76,154	3,09,033	..	3,053	3,053	3,09,033		
Tools and plant ..	14,059	20	14,079	..	277	277	14,079		
Suspenses account ..	..	..	..	..	..	..	..		
Total ..	13,14,206	5,67,351	18,71,557	..	15,470	15,470	18,71,557		
Less—Receipts on Capital Account.	..	..	..	..	..	..	..	Mis. 277 I., dated 15th October 1923.	4,890
Net total ..	13,14,206	5,67,351	18,71,557	..	15,470	15,470	18,71,557		12,140
Indirect charges.									
Capitalized abatement of land revenue ..	10,916	17,122	28,038	..	..	..	28,038		
Leave and pension allowances ..	32,568	10,699	43,267	..	..	..	43,267		
Audit and accounts ..	..	..	..	..	..	..	..		
Total ..	43,514	27,821	71,335	..	..	..	71,335		
Grand Total ..	13,57,720	5,85,172	19,42,892	..	15,470	15,470	19,42,892		

IRRIGATION BRANCH.

PUBLIC WORKS DEPARTMENT.

CAUVERY DELTA SYSTEM—Canal Project.

No. 2.—Capital Account for and to end of 1923-1924.

Heads of account.	DIRECT CHARGES.			Cost of construction as now estimated (construction estimate closed on 31st March 1889).	Expenditure against closed estimate
	Previous.	1923-1924.	Total.		
I. WORKS—	RS.	RS.	RS.	RS.	RS.
(1) <i>Head Works—</i>					
C. Works ...	9,82,948	...	9,82,948	9,82,548	9,82,548
K. Buildings ...	13,618	...	13,618	14,112	14,112
O. Miscellaneous ...	258	...	258	...	...
Total ...	9,96,824	...	9,96,824	9,96,660	9,96,660
(2) <i>Main Canals and Branches—</i>					
B. Land ...	73,256	...	73,256	73,256	73,256
D. Regulators ...	7,68,846	47,785	8,16,631	7,94,560	6,85,887
F. (1) Other cross drainage works.	31,305	...	31,305	31,305	31,305
K. Buildings ...	21,637	...	21,637	25,004	20,154
L. Earthwork ...	61,834	...	61,834	56,832	56,832
O. Miscellaneous ...	693	...	693	23,993	693
Total ...	9,57,571	47,785	10,05,356	10,04,950	8,68,127
(3) <i>Distributaries—</i>					
B. Land ...	23,697	...	23,697	17,556	14,937
C. Works ...	1,47,460	7,596	1,55,056	1,85,981	1,67,881
L. Earthwork ...	36,952	...	36,952	29,254	29,254
O. Miscellaneous ...	— 22	...	— 22	3,245	3,245
Total ...	2,18,087	7,596	2,25,683	2,36,136	2,15,317
(4) <i>Drainage and Protective Works—</i>					
B. Land ...	32,435	10,574	43,009	1,13,541	13,941
C. Works ...	3,33,489	18,621	3,52,110	4,14,089	3,16,163
L. Earthwork ...	3,14,400	4,579	3,18,979	4,66,110	2,37,887
O. Miscellaneous ...	39,267	5,987	45,254	81,983	33,426
Total ...	7,19,591	39,761	7,59,352	10,75,723	6,01,417
(5) <i>Special tools and plant—</i>					
Provision for unforeseen works	...	...	...	...	...
Total outlay on current sanctions	28,92,073	95,142	29,87,215	33,13,469	26,81,521
Old outlay	7,76,216	...	7,76,216	7,76,216	7,76,216
Total, Works	36,68,289	95,142	37,63,431	40,89,685	34,57,737
II. ESTABLISHMENT	8,09,582	35,689	8,45,271	8,89,069	7,42,112
III. TOOLS AND PLANT	98,875	421	99,296	1,05,642	96,690
Grand Total	45,76,746	1,31,252	47,07,998	50,84,396	42,96,539
V. Less—RECEIPTS ON CAPITAL ACCOUNT.	1,985	...	1,985	1,985	1,985
(a) Net Total	45,74,761	1,31,252	47,06,013	50,82,411	42,94,554
Chargeable to 49. Irrigation Works	43,53,369	...	43,53,369	...	...
Do. to 55-A. Irrigation Works—					
1. Productive	2,21,392	1,31,252	3,52,644	...	...
Total	45,74,761	1,31,252	47,06,013	...	...

ADMINISTRATIVE ACCOUNTS FOR THE YEAR 1923-24.

MADRAS PRESIDENCY

CAUVERY DELTA SYSTEM—Canal Project.

No. 3.—Revenue Account for and to end of 1923-1924.

Receipts.	TOTAL.			Charges.	TOTAL.		
	Previous.	1923-1924.	Total.		Previous.	1923-1924.	Total.
I. DIRECT RECEIPTS—	RS.	RS.	RS.	I. EXTENSIONS AND IMPROVEMENTS—	RS.	RS.	RS.
3. Sales of water ..	3,099	357	3,456	(1) Head works ..	1,79,480	71,488	2,50,968
5. Receipts from plantations ..	1,41,291	9,622	1,50,913	(2) Main canals and branches ..	3,03,694	6,525	3,10,219
6. Receipts from other canal produce ..	94,305	4,670	98,975	(3) Distributaries ..	6,55,869	21,616	6,77,485
9. Rents of buildings.	10,900	960	11,860	(4) Drainage and protective works.	2,06,777	6,568	2,13,345
10. Fines ..	291	...	291	(5) Special tools and plant ..	3,572	...	3,572
11. Miscellaneous ..	48,858	1,866	50,724	Add—Unclassifiable outlay ..	35,651	...	35,651
Deduct—Refunds ..	143	542	685	Total ..	13,85,043	1,06,197	14,91,240
Total, Revenue realized in Public Works Department ..	2,98,601	16,933	3,15,534	II. MAINTENANCE AND REPAIRS—			
Irrigation Revenue realized in Civil Department ..	4,28,47,507	17,22,578	4,45,70,085	(1) Head works ..	4,09,486	7,987	4,17,473
Total, Direct Receipts ..	4,31,46,108	17,39,506	4,48,85,614	(2) Main canals and branches ..	27,06,291	2,81,043	29,87,334
II. INDIRECT RECEIPTS—				(3) Distributaries ..	19,11,065	81,642	19,92,707
Share of land revenue collected in the Civil Department ..	81,05,721	1,18,072	82,23,793	(4) Drainage and protective works ..	7,33,237	51,948	7,85,185
Total, Indirect Receipts ..	81,05,721	1,18,072	82,23,793	(5) Special tools and plant ..	1,800	...	1,800
Total, Public Works and Civil Departments, Revenue ..	5,12,51,829	18,57,578	5,31,09,407	Add—Unclassifiable outlay ..	36,27,372	...	36,27,372
				Total ..	93,89,251	4,22,620	98,11,871
				Total, Extensions and Improvements and Maintenance and Repairs ..	1,07,74,294	5,28,817	1,13,03,111
				IV. ESTABLISHMENT ..	45,05,393	1,98,363	47,04,756
				V. TOOLS AND PLANT ..	1,65,732	2,338	1,68,070
				VI. REFUNDS OF REVENUE ..	1,919	...	1,919
				Total, Direct charges ..	1,54,48,338	7,29,518	1,61,77,856
				Share of collection charges in the Civil Department ..	28,90,401	92,032	29,82,438
				Indirect charges ..	7,59,748	33,059	7,92,807
				Total, Direct and Indirect charges ..	1,90,92,487	8,54,609	1,99,47,096
				* Deduct—Old maintenance charges saved to Government ..	1,20,78,283	1,52,328	1,22,30,611
				Net Total ..	70,14,204	7,02,281	77,16,485
				Balance, net revenue ..	4,42,37,625	11,55,297	4,53,92,922
Total, Receipts ..	5,12,51,829	18,57,578	5,31,09,407	Grand Total ..	5,12,51,829	18,57,578	5,31,09,407

		RS.	
Direct—			
Maintenance and Repairs	..	1,05,634	
Establishment	..	38,624	
Tools and Plant	..	467	
Indirect	..	1,45,725	
		6,603	
Total, Direct and Indirect	..	1,52,328	

No. 4.—Interest Account for and to end of 1923-1924.

	Amount.		Amount.
Total interest charges to end of 1922-1923 ..	RS. 50,90,105	Net revenue realized to end of 1922-1923 ..	RS. 4,42,37,625
Total interest charges for the year 1923-1924 ..	1,66,325	Net revenue realized during 1923-1924 ..	11,55,297
Balance net revenue ..	4,01,36,592		
Total ..	4,53,92,922	Total ..	4,53,92,922

IRRIGATION BRANCH.

PUBLIC WORKS DEPARTMENT.

CAUVERY DELTA SYSTEM—Canal Project.

No. 5.—Account of Indirect Charges for and to end of 1923-1924.

Particulars.	Previous.	1923-1924.	Total.
Capital—	RS.	RS.	RS.
Capitalization of abatement of land revenue	79,097	..	79,097
Leave and pension allowances	1,27,464	4,997	1,32,461
Audit and accounts	1,680	952	2,632
Total ..	2,08,181	5,949	2,14,130
Revenue—			
Capitalization of abatement of land revenue	14,829	..	14,829
Leave and pension allowances	7,29,226	27,771	7,56,996
Audit and accounts	9,694	5,288	14,982
Total ..	7,53,748	33,059	7,86,807
Grand Total ..	9,61,929	39,008	10,00,937

No. 6.—Statement comparing Charges to date with Sanctioned Estimates.

Particulars.	CHARGES AGAINST CLOSED SANCTIONS.			CURRENT SANCTIONS.			Total charges to date against old and current sanctions.	REMARKS.	
	Expenditure against construction estimate.	Expenditure against open canal sanctions.	Total.	Charges to date.	Amount of sanctioned estimate.	Unspent balance of estimate.		G.O. No. and date.	Amount of estimate.
Direct charges.	RS.	RS.	RS.	RS.	RS.	RS.	RS.		RS.
Works	13,07,547	21,50,190	34,57,737	3,05,604	6,31,948	3,26,254	37,63,431	Mis. 188 I., 31st May 1918.	1,470
Establishment ..	3,07,877	4,34,735	7,42,612	1,03,159	1,40,957	43,798	8,45,271	290 I., 12th July 1917.	1,80,000
Tools and plant ..	40,659	56,031	96,690	2,606	8,952	6,346	99,296	Mis. 288 I., 1st October 1919.	6,560
Suspense account ..	..	..	..	..	..	..	..	Mis. 64 I., 11th February 1920.	8,700
Total ..	16,55,583	26,40,956	42,96,539	4,11,459	7,87,857	3,76,398	47,07,998	Mis. 209 I., 26th June 1921.	2,150
								Mis. 506 I., 21st December 1921.	2,719
								Mis. 242 I., 15th July 1921.	31,300
								Mis. 377 I., 27th September 1921.	5,250
Less—Receipts on Capital account.	1,985	..	1,985	..	..	..	1,985	Mis. 458 I., 23rd November 1921.	2,63,000
Net Total ..	16,53,598	26,40,956	42,94,554	4,11,459	7,87,857	3,76,398	47,06,013	Mis. 69 I., 22nd February 1922.	9,800
								Mis. 142 I., 27th April 1922.	2,523
Indirect charges.								Mis. 3 I., 6th January 1923.	3,000
Capitalized abatement of land revenue ..	86,184	12,913	79,097	..	..	..	79,097	Mis. 302 I., 9th November 1923.	54,950
Leave and pension allowances ..	57,144	60,863	1,18,007	14,444	..	— 14,444	1,32,451	Mis. 306 I., 15th November 1923.	2,236
Audit and accounts ..	..	440	440	2,142	..	— 2,142	2,582	Mis. 310 I., 27th November 1923.	1,140
Total ..	1,23,328	74,216	1,97,544	16,586	..	— 16,586	2,14,130	Mis. 305 I., 13th November 1923.	17,800
Grand Total ..	17,76,926	27,15,172	44,92,098	4,28,045	7,87,857	3,59,812	49,20,143	Mis. 5 I., 3rd January 1924.	4,850
								Mis. 11 I., 10th January 1924.	34,500
								Total ..	6,31,948

ADMINISTRATIVE ACCOUNTS FOR THE YEAR 1923-24.

MADRAS PRESIDENCY

NANDYAR CHANNEL SYSTEM—Canal Project.

No. 2.—Capital Account for and to end of 1923-1924.

Heads of account.	DIRECT CHARGES.			Cost of construction as now estimated (construction estimate closed).	Expenditure against closed estimate.
	Previous.	1923-1924.	Total.		
I. WORKS—	RS.		RS.	RS.	RS.
(2) Main Canals and Branches—					
B. Land	..	..	..	..	..
D. Regulators	3,003	..	3,003	3,003	3,003
E. Falls and weirs	6,056	..	6,056	6,056	6,056
F. (1) Other cross drainage works	20,155	..	20,155	20,155	20,155
G. Bridges	2,894	..	2,894	2,894	2,894
K. Buildings	15,879	..	15,879	15,879	15,879
L. Earthwork	2,067	..	2,067	2,067	2,067
N. Tanks and reservoirs	514	..	514	514	514
O. Miscellaneous	908	..	908	908	908
Total ..	51,476	..	51,476	51,476	51,476
Total, Works ..	51,476	..	51,476	51,476	51,476
II. ESTABLISHMENT	11,755	..	11,755	11,755	11,755
III. TOOLS AND PLANT	..	..	..	..	..
(a) Grand Total ..	63,231	..	63,231	63,231	63,231

(a) Chargeable to "43. Minor Works and Navigation—Provincial."

75
30005

IRRIGATION BRANCH.

PUBLIC WORKS DEPARTMENT.

NANDYAR CHANNEL SYSTEM—Canal Project.

No. 3.—Revenue Accounts for and to end of 1923-1924.

Receipts	TOTAL.			Charges.	TOTAL.		
	Previous.	1923-1924.	Total.		Previous.	1923-1924.	Total.
I. DIRECT RECEIPTS—	rs.	rs.	rs.	I. EXTENSIONS AND IMPROVEMENTS—	rs.	rs.	rs.
5. Receipts from plantation ..	2,935	296	3,231	(1) Head works ..	2,317	..	2,317
6. Receipts from other canal produce ..	1,528	..	1,528	(2) Main canals and branches ..	3,501	..	3,501
9. Rent of buildings ..	20	..	20	(3) Distributaries ..	558	..	558
11. Miscellaneous ..	2,563	..	2,568	(4) Drainage and protective works ..	..	..	..
				(5) Special tools and plant ..	..	..	..
Total, Revenue realized in the Public Works Department ..	7,046	296	7,342	Total ..	6,276	..	6,276
Irrigation revenue realized in the Civil Department ..	93,220	5,432	98,652	II. MAINTENANCE AND REPAIRS—	rs.	rs.	rs.
Total, Direct Receipts ..	1,00,266	5,728	1,05,994	(1) Head works ..	5,078	5,369	10,447
II. INDIRECT RECEIPTS—				(2) Main canals and branches ..	50,127	1,579	51,706
Share of Land Revenue collected in the Civil Department ..	1,236	54	1,290	(3) Distributaries ..	7,061	..	7,061
Total, Public Works and Civil Departments, Revenue ..	1,01,502	5,782	1,07,284	(4) Drainage and protective works ..	..	..	..
				(5) Special tools and plant ..	..	..	..
				Add—Unclassifiable outlay ..	..	..	..
				Total ..	62,266	6,948	69,214
				Total, Extensions and Improvements and Maintenance and Repairs ..	68,542	6,948	75,490
				IV. ESTABLISHMENT ..	18,736	2,606	21,342
				V. TOOLS AND PLANT ..	642	31	673
				VI. REFUNDS OF REVENUE ..	..	..	..
				Total, Direct Charges ..	87,920	9,585	97,505
				Share of collection charges in the Civil Department ..	4,720	274	4,994
				Indirect charges ..	2,828	434	3,262
				Total, Direct and Indirect Charges ..	95,468	10,293	1,05,761
				*Deduct—Old maintenance charges saved to Government ..	33,490	4,624	38,114
				Net Revenue ..	61,978	5,669	67,647
				Balance, net revenue ..	39,524	113	39,637
Total, Receipts ..	1,01,502	5,782	1,07,284	Grand Total ..	1,01,502	5,782	1,07,284

*Deduct—	rs.
Extensions and Improvements ..	2,830
Maintenance and Repairs ..	371
Establishment ..	1,203
Tools and plant ..	34
	4,424
Indirect ..	200
Total ..	4,624

No. 4.—Interest Account for and to end of 1923-1924.

	Amount.		Amount.
	rs.		rs.
Total interest charges to end of 1922-1923 ..	57,672	Net revenue realized to end of 1922-1923 ..	39,524
Total interest charges for the year 1923-1924 ..	2,140	Net revenue realized during 1923-1924 ..	113
Balance, net revenue ..	..	Balance, net interest charges ..	20,175
Total ..	59,812	Total ..	59,812

No. 5.—Account of Indirect Charges for and to end of 1923-1924.

Particulars.	Previous.	1923-1924.	Total.
CAPITAL—	rs.	rs.	rs.
Capitalization of abatement of land revenue ..	838	..	838
Leave and pension allowances ..	1,646	..	1,646
Audit and accounts ..	..	..	..
Total ..	2,484	..	2,484
REVENUE—	rs.	rs.	rs.
Capitalization of abatement of land revenue ..	142	..	142
Leave and pension allowances ..	2,822	365	2,987
Audit and accounts ..	64	69	133
Total ..	2,828	434	3,262
Grand Total ..	5,312	434	5,746

ADMINISTRATIVE ACCOUNTS FOR THE YEAR 1923-24.

MADRAS PRESIDENCY

NANDYAR CHANNEL SYSTEM.

No. 6.—Statement comparing Charges to date with Sanctioned Estimates.

Particulars.	CHARGES AGAINST CLOSED SANCTIONS.			CURRENT SANCTIONS.			Total charges to date against old and current sanctions.	REMARKS.	
	Expenditure against construction estimate.	Expenditure against open canal sanction.	Total.	Charges to date.	Amount of sanctioned estimate.	Unspent balance of estimate.		G.O. No. and date.	Amount of estimate.
Direct Charges.	rs.	rs.	rs.				rs.		
Works ..	43,488	7,988	51,476	..	..	..	51,476		
Establishment ..	10,002	1,753	11,755	..	..	..	11,755		
Tools and plant ..	..	..	..	..	..	..	..		
Suspense account ..	..	..	..	..	..	..	..		
Total ..	53,490	9,741	63,231	..	..	..	63,231		
Less—Receipts on Capital Account.	..	..	..	..	..	..	..		
Net Total ..	53,490	9,741	..	..	..	..	63,231		
Indirect Charges.									
Capitalized abatement of land revenue ..	818	20	838	..	..	..	838		
Leave and pension allowances ..	1,400	246	1,646	..	..	..	1,646		
Total ..	2,218	266	2,484	..	..	..	2,484		
Grand Total ..	55,708	10,007	65,715	..	..	..	65,715		

IRRIGATION BRANCH.

PUBLIC WORKS DEPARTMENT.

PERIYAR SYSTEM—Tank Project.

No. 2.—Capital Account for and to end of 1923-1924.

Heads of account.	DIRECT CHARGES.			Amount of construction as now estimated (construction estimate closed on 31st March 1897).	Expenditure against closed estimate.
	Previous.	1923-1924.	Total.		
I. WORKS—	RS.	RS.	RS.	RS.	RS.
(1) <i>Head Works—</i>					
A. Preliminary expenses	87,181	..	87,181	87,181	87,181
B. Land	69,057	..	69,057	69,057	69,057
C. Works	43,18,518	23,713	43,42,231	43,42,232	43,42,232
K. Buildings	3,19,304	..	3,19,304	3,19,304	3,19,304
L. Earthwork	1,82,663	..	1,82,663	1,82,663	1,82,663
O. Miscellaneous	1,83,487	..	1,83,487	1,83,487	1,83,487
P. Maintenance	74,692	..	74,692	74,692	74,692
Total ..	52,31,902	23,713	52,55,615	52,55,616	52,55,616
(2) <i>Main Canals and Branches—</i>					
A. Preliminary expenses	24,650	..	24,650	24,650	24,650
B. Land	78,581	..	78,581	78,581	78,581
C. Masonry works	1,75,769	..	1,75,769	1,75,769	1,75,769
D. Regulators	86,703	..	86,703	86,703	86,703
E. Falls and weirs	20,759	..	20,759	20,759	20,759
F. (1) Other cross drainage works ..	3,91,289	..	3,91,289	3,91,289	3,91,289
G. Bridges	72,797	..	72,797	72,797	72,797
H. Escapes	2,416	..	2,416	2,416	2,416
K. Buildings	33,814	..	33,814	33,814	33,814
L. Earthwork	5,71,271	..	5,71,271	5,71,271	5,71,271
O. Miscellaneous	21,211	..	21,211	21,211	21,211
P. Maintenance	85,862	..	85,862	85,862	85,862
Total ..	15,65,122	..	15,65,122	15,65,122	15,65,122
(3) <i>Distributaries—</i>					
A. Preliminary expenses	10,734	..	10,734	10,734	10,734
B. Land	91,713	4,802	96,515	96,515	96,515
C. Works	3,59,679	3,490	3,63,169	3,63,169	3,63,169
D. Regulators	22,401	..	22,401	22,401	22,401
E. Falls and weirs	86,010	..	86,010	86,010	86,010
F. (1) Other cross drainage works ..	31,701	..	31,701	31,701	31,701
G. Bridges	20,208	..	20,208	20,208	20,208
K. Buildings	7,105	..	7,105	7,105	7,105
L. Earthwork	4,02,204	1,600	4,03,804	4,03,804	4,03,804
O. Miscellaneous	27,027	..	27,027	27,027	27,027
P. Maintenance	22,863	..	22,863	22,863	22,863
Total ..	10,81,645	9,892	10,91,537	10,91,537	10,91,537
(4) <i>Drainage and Protective works—</i>					
B. Land	16,179	..	16,179	16,179	16,179
C. Works	1,033	..	1,033	1,033	1,033
L. Earthwork	13,272	..	13,272	13,272	13,272
O. Miscellaneous	3,882	..	3,882	3,882	3,882
Total ..	34,366	..	34,366	34,366	34,366
(5) <i>Special tools and plant</i>	..	..	..	..	..
Provision for unforeseen works	..	..	..	..	..
Total, Works ..	79,16,035	33,605	79,49,640	79,49,640	79,49,640
II. ESTABLISHMENT	16,52,336	12,605	16,64,941	16,64,941	16,64,941
III. TOOLS AND PLANT	7,66,888	148	7,67,036	7,67,036	7,67,036
Grand Total ..	1,03,35,259	46,358	1,03,81,617	1,03,81,617	1,03,81,617
V. <i>Less—RECEIPTS ON CAPITAL ACCOUNT</i> ..	17,956	..	17,956	17,956	17,956
(a) Net Total ..	1,03,17,323	46,358	1,03,63,681	1,03,63,681	1,03,63,681
Chargeable to 49. Irrigation works	1,03,11,093	..	1,03,11,093	1,03,11,093	1,03,11,093
Do. to 55-A. Irrigation works—1. Productive ..	6,230	46,358	52,588	52,588	52,588
Total ..	1,03,17,323	46,358	1,03,63,681	1,03,63,681	1,03,63,681

ADMINISTRATIVE ACCOUNTS FOR THE YEAR 1923-24.

MADRAS PRESIDENCY

PERIYAR SYSTEM—Tank Project.

No. 3.—Revenue Account for and to end of 1923-1924.

Receipts.	TOTAL.			Charges.	TOTAL.		
	Previous.	1923-1924.	Total.		Previous.	1923-1924.	Total.
I. DIRECT RECEIPTS—	RS.	RS.	RS.	I. EXTENSIONS AND IMPROVEMENTS—	RS.	RS.	RS.
4. Water-supply of towns ..	645	..	645	(1) Head works	50,073	245	50,318
5. Receipts from plantations ..	27,465	3,173	30,638	(2) Main canals and branches ..	27,864	677	28,541
6. Receipts from other canal produce ..	1,32,575	8,342	1,40,917	(3) Distributaries	2,23,755	8,851	2,32,606
8. Receipts from navigation ..	9,708	466	10,174	(4) Drainage and protective works ..	16,984	..	16,984
9. Rents of buildings ..	9,711	793	10,504	(5) Special tools and plant ..	83	..	83
10. Fines	80	..	80	Total ..	3,18,759	9,773	3,28,532
11. Miscellaneous ..	84,206	2,587	86,793	II. MAINTENANCE AND REPAIRS—			
Deduct Refunds ..	..	56	56	(1) Head works	2,51,984	56,860	3,08,844
Total, Revenue realized in the Public Works Department ..	2,14,390	15,805	2,29,695	(2) Main canals and branches ..	4,33,901	41,720	4,75,621
Irrigation revenue realized in Civil Department ..	1,33,31,032	7,85,127	1,41,16,159	(3) Distributaries	5,75,628	23,839	5,99,467
Total, Direct Receipts ..	1,35,45,422	8,00,432	1,43,45,854	(4) Drainage and protective works ..	10,266	..	10,266
II. INDIRECT RECEIPTS—				(5) Special tools and plant ..	15,102	..	15,102
Share of land revenue collected in the Civil Department ..	10,04,269	60,853	10,65,122	Total ..	12,86,881	1,22,419	14,09,300
Total, Public Works and Civil Departments, Revenue ..	1,45,49,691	8,61,285	1,54,10,976	III. COMPENSATION	11,76,048	..	11,76,048
				Total, Extensions and Improvements and Maintenance and Repairs ..	27,81,688	1,32,192	29,13,880
				IV. ESTABLISHMENT	11,26,778	49,586	11,76,364
				V. TOOLS AND PLANT	84,036	585	84,621
				VI. REFUNDS OF REVENUE	2,619	..	2,619
				Total, Direct Charges ..	39,95,121	1,82,363	41,77,484
				Share of collection charges in the Civil Department	6,81,101	39,848	7,20,949
				Indirect charges	1,85,342	8,317	1,93,659
				Total, Direct and Indirect Charges ..	48,61,564	2,30,528	50,92,092
				Deduct—* Old maintenance charges saved to Government ..	7,99,181	37,344	8,36,525
				Net Total ..	40,62,383	1,93,184	42,55,567
				Balance, net revenue	1,04,87,308	6,68,101	1,11,55,409
Total, Receipts ..	1,45,49,691	8,61,285	1,54,10,976	Grand Total ..	1,45,49,691	8,61,285	1,54,10,976
* Direct—				RS.			
Extensions and improvements				4,474			
Maintenance and repairs				21,422			
Establishment				9,714			
Tools and plant				116			
Total ..				35,725			
Indirect				1,619			
Total, Direct and Indirect ..				37,344			

IRRIGATION BRANCH.

PUBLIC WORKS DEPARTMENT.

PERIYAR SYSTEM—Tank Project—cont.

No. 4.—Interest Account for and to end of 1923-1924.

	Amount.		Amount.
	RS.		RS.
Total interest charges to end of 1922-1923 ..	1,05,66,202	Net revenue realized to end of 1922-1923 ..	1,04,87,308
Total interest charges for the year 1923-1924 ..	3,44,939	Net revenue realized during 1923-1924 ..	6,68,101
Balance, net revenue ..	3,44,268		
Total ..	1,11,55,409	Total ..	1,11,55,409

No. 5.—Account of Indirect Charges for and to end of 1923-1924.

Particulars.	Previous.	1923-1924.	Total.
CAPITAL—			
Capitalization of abatement of land revenue ..	RS. 1,36,468	RS. 1,36,458	RS. 1,36,458
Leave and pension allowances ..	2,31,248	1,765	2,33,013
Audit and accounts ..	36	836	872
Total ..	3,67,746	2,101	3,69,847
REVENUE—			
Capitalization of abatement of land revenue ..	25,601	53	25,654
Leave and pension allowances ..	1,56,919	6,942	1,63,861
Audit and accounts ..	2,822	1,322	4,144
Total ..	1,85,242	8,317	1,93,559
Grand Total ..	5,53,088	10,418	5,63,506

No. 6.—Statement comparing Charges to date with Sanctioned Estimates.

Particulars.	CHARGES AGAINST CLOSED SANCTIONS.			CURRENT SANCTIONS.			Total charges to date against old and current sanctions.	REMARKS.	
	Expenditure against construction estimate.	Expenditure against open canal sanction.	Total.	Charges to date.	Amount of sanctioned estimate.	Unspent balance of estimate.		G.O. No. and date.	Amount of estimate.
Direct Charges.	RS.	RS.	RS.	RS.	RS.	RS.	RS.		RS.
Works ..	60,69,752	18,64,107	79,33,859	15,781	84,759	68,978	79,49,640		
Establishment ..	13,46,177	5,12,067	18,58,244	6,697	19,829	13,132	16,64,941		
Tools and plant ..	7,28,291	38,653	7,66,944	92	1,388	1,296	7,67,036		
Suspense account ..									
Total ..	81,44,220	22,14,827	1,03,59,047	22,570	1,05,976	83,406	1,03,81,617		
Less—Receipts on Capital Account.	14,203	3,733	17,936				17,936		
Net Total ..	81,30,017	22,11,094	1,03,41,111	22,570	1,05,976	83,406	1,03,63,681		
Indirect Charges.									
Capitalized abatement of land revenue ..	34,661	1,01,797	1,36,458				1,36,458		
Leave and pension allowances ..	1,88,466	43,609	2,32,075	938		— 938	2,33,013		
Audit and accounts ..		255	255	121		— 121	376	Mis. 225 I., 25th June 1918.	1,850
Total ..	2,23,127	1,45,661	3,68,788	1,059		— 1,059	3,69,847	Mis. 49 I., 28th Jan. 1920.	59,010
Grand Total ..	83,53,144	23,56,755	1,07,09,899	23,629	1,05,976	82,347	1,07,33,528	Mis. 176 I., 1st June 1920.	2,075
								Mis. 248 I., 20th July 1921.	1,822
								Mis. 249 I., 20th July 1921.	4,332
								Mis. 378 I., 27th Sep. 1921.	9,300
								Mis. 409 I., 24th Oct. 1921.	2,100
								Mis. 68 I., 22nd Feb. 1922.	4,270
Total ..									84,759

ADMINISTRATIVE ACCOUNTS FOR THE YEAR 1923-24.

MADRAS PRESIDENCY

SRIVAİKUNTAM ANICUT SYSTEM—Canal Project.

No. 2.—Capital Account for and to end of 1923-1924.

Heads of account.	DIRECT CHARGES.			Cost of construction as now estimated (construction estimate closed on 31st March 1889).	Expenditure against closed estimate.
	Previous.	1923-1924.	Total.		
I. WORKS—	RS.	RS.	RS.	RS.	RS.
(1) Head Works—					
B. Land ..	960		960	960	960
C. Works ..	2,08,497		2,08,497	2,08,497	2,08,497
K. Buildings ..	11,705		11,705	11,705	11,705
O. Miscellaneous ..	24,999		24,999	24,999	24,999
Total ..	2,46,161		2,46,161	2,46,161	2,46,161
(2) Main Canals and Branches—					
B. Land ..	48,103		48,103	46,112	46,112
D. Regulators ..	54,491		54,491	49,241	49,241
E. Falls and weirs ..	1,140		1,140	1,140	1,140
F. (1) Other cross drainage works ..	35,838		35,838	35,838	35,838
G. Bridges ..	29,201		29,201	29,201	29,201
H. Escapes ..	6,938		6,938	6,938	6,938
K. Buildings ..	2,025		2,025	2,025	2,025
L. Earthwork ..	2,37,611		2,37,611	2,45,034	2,45,034
N. Tanks and reservoirs ..	3,62,220	701	3,62,921	3,63,878	3,55,198
O. Miscellaneous ..	1,312		1,312	1,129	1,129
Total ..	7,78,879	701	7,79,580	7,80,036	7,71,856
(3) Distributaries—					
B. Land ..	13,870		13,870	13,870	13,870
C. Works ..	67,773		67,773	67,773	67,773
L. Earthwork ..	1,23,421		1,23,421	1,23,421	1,23,421
N. Tanks and reservoirs ..	49,053		49,053	49,053	49,053
O. Miscellaneous ..	40		40	40	40
Total ..	2,54,157		2,54,157	2,54,157	2,54,157
(4) Drainage and Protective Works—					
B. Land ..	2,439		2,439	2,439	2,439
C. Works ..	2,998		2,998	2,998	2,998
L. Earthwork ..	38,305		38,305	38,305	38,305
Total ..	43,742		43,742	43,742	43,742
(5) Special tools and plant					
Provision for unforeseen works ..					
Total, Works ..	13,22,939	701	13,23,640	13,24,096	13,15,916
II. ESTABLISHMENT ..	3,33,082	263	3,33,345	3,31,871	3,30,031
II. TOOLS AND PLANT ..	10,789	3	10,792	10,799	10,676
Grand Total ..	16,66,810	967	16,67,777	16,66,766	16,56,623
V. Less—RECEIPTS ON CAPITAL ACCOUNT ..	369		369	369	369
(a) Net Total ..	16,66,441	967	16,67,408	16,66,397	16,56,254
Chargeable to 49. Irrigation works—	16,55,399		16,55,399		
Do. 55-A. Irrigation works	11,042	967	12,009		
—1. Productive.					
Total ..	16,66,441	967	16,67,408		

IRRIGATION BRANCH.

PUBLIC WORKS DEPARTMENT.

SRIVAİKUNTAM ANICUT SYSTEM—Canal Project—cont.
No. 3.—Revenue Account for and to end of 1923-1924.

Receipts.	TOTAL.			Charges.	TOTAL.		
	Previous.	1923-1924.	Total.		Previous.	1923-1924.	Total.
I. DIRECT RECEIPTS—	RS.	RS.	RS.	I. EXTENSIONS AND IMPROVEMENTS—	RS.	RS.	RS.
Water-supply of towns.	32,831	..	32,831	(1) Head works	6,726	..	6,726
Receipts from plantations	19,799	4,097	23,896	(2) Main canals and branches	67,852	110	67,962
Receipts from other canal produce	52,462	1,218	53,680	(3) Distributaries	30,555	1	30,556
Water power	171	..	171	(4) Drainage and protective works	28,776	18,576	44,352
Rents of buildings	12,815	424	13,239	(5) Special tools and plant	..	..	..
Fines	50	..	50	Total	1,33,909	15,657	1,49,566
Miscellaneous	8,916	687	9,603	II. MAINTENANCE AND REPAIRS—	RS.	RS.	RS.
Deduct—Refunds	..	55	55	(1) Head works	80,305	4,417	84,722
Total Revenue realized in Public Works Department	1,27,044	6,371	1,33,415	(2) Main canals and branches	6,10,362	21,881	6,32,243
Irrigation Revenue realized in Civil Department	54,28,569	1,42,450	55,71,019	(3) Distributaries	2,07,987	2,335	2,10,322
Total, Direct Receipts	55,55,613	1,48,821	57,04,434	(4) Drainage and protective works	60,271	28,210	88,482
II. INDIRECT RECEIPTS—	..	..	..	(5) Special tools and plant	12	..	12
Share of land revenue collected in the Civil Department	83,749	1,490	85,239	Add—Unclassifiable outlay	..	..	..
Total, Public Works and Civil Departments, Revenue	56,39,362	1,50,311	57,89,673	Total	9,58,941	56,843	10,15,784
Total, Receipts	56,39,362	1,50,311	57,89,673	Total, Extensions and Improvements and Maintenance and Repairs	10,92,850	72,530	11,65,380
				IV. ESTABLISHMENT	5,66,738	27,207	5,93,945
				V. TOOLS AND PLANT	9,034	321	9,355
				VI. REFUNDS OF REVENUE	660	..	660
				Total, Direct Charges	16,69,282	1,00,058	17,69,340
				Share of collection charges in the Civil Department	2,92,179	7,197	2,99,376
				Indirect charges	86,703	4,535	91,238
				Total, Direct and Indirect Charges	20,48,164	1,11,790	21,59,954
				Deduct—* Old maintenance charges saved to Government	3,86,661	8,018	3,94,679
				Net Total	16,61,503	1,03,772	17,65,275
				Balance, net revenue	39,79,859	46,539	40,26,398
				Grand Total	56,39,362	1,50,311	57,89,673

* Direct—	RS.
Extensions and Improvements	352
Maintenance and Repairs	5,208
Establishment	2,085
Tools and plant	25
Indirect	7,670
Total	318
	8,018

No. 4.—Interest Account for and to end of 1923-1924.

	Amount.		Amount.
	RS.		RS.
Total interest charges to end of 1922-1923	27,27,146	Net revenue realized to end of 1922-1923	39,79,859
Total interest charges for the year 1923-1924	56,945	Net revenue realized during 1923-1924	46,539
Balance, net revenue	12,42,307		
Total	40,26,398	Total	40,26,398

ADMINISTRATIVE ACCOUNTS FOR THE YEAR 1923-24..

MADRAS PRESIDENCY

SRIVAİKUNTAM ANICUT SYSTEM—Canal Project.
No. 5.—Account of Indirect Charges for and to end of 1923-1924.

Particulars.	Previous.	1923-1924.	Total.
Capital—	RS.	RS.	RS.
Capitalization of abatement of land revenue	41,229	..	41,229
Leave and pension allowances	66,260	37	66,297
Audit and accounts	70	7	77
Total	1,07,559	44	1,07,603
Revenue—	RS.	RS.	RS.
Capitalization of abatement of land revenue	410	..	410
Leave and pension allowances	85,525	3,809	89,334
Audit and accounts	768	726	1,494
Total	86,703	4,535	91,238
Grand Total	1,94,262	4,579	1,98,841

No. 6.—Statement comparing Charges to date with Sanctioned Estimates.

Particulars.	CHARGES AGAINST CLOSED SANCTIONS.			CURRENT SANCTIONS.			Total charges to date against old and current sanctions.	REMARKS.	
	Expenditure against construction estimate.	Expenditure against open canal sanction.	Total.	Charges to date.	Amount of sanctioned estimate.	Unspent balance of estimate.		G.O. No. and date.	Amount of estimate.
Direct Charges.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	Direct charges—	RS.
Establishment	10,50,679	2,65,237	13,15,916	7,724	8,180	456	13,23,640		
Tools and plant	2,90,193	89,838	3,80,031	3,314	1,840	— 1,474	3,83,345		
Interest account	10,524	152	10,676	116	123	7	10,799		
Total	13,51,396	3,05,227	16,56,623	11,154	10,143	— 1,011	16,67,777		
Receipts on vital account	369	..	369	..	..	..	369	Mis. 317 I., 19th Oct. 1920.	8,180
Net Total	13,51,027	3,05,227	16,56,254	11,154	10,143	— 1,011	16,67,408		
Indirect Charges.									
Capitalized abatement of land revenue	40,408	821	41,229	..	..	..	41,229		
Leave and pension allowances	60,259	5,577	65,836	461	..	— 461	66,297		
Audit and accounts	..	..	..	77	..	— 77	77		
Total	1,00,667	6,398	1,07,065	538	..	— 538	1,07,603		
and Total	14,51,694	3,11,625	17,63,319	11,692	10,143	— 1,549	17,75,011		

IRRIGATION BRANCH.

PUBLIC WORKS DEPARTMENT.

MARUDUR ANICUT SYSTEM—Canal Project.

No. 2.—Capital Account for and to end of 1923-1924.

Heads of account.	DIRECT CHARGES.			Cost of construction as now estimated (construction estimate closed in 1893).	Expenditure against closed estimate.
	Previous.	1923-1924.	Total.		
I. WORKS—	RS.		RS.	RS.	RS.
(1) <i>Head Works—</i>					
C. Works	10,441	...	10,441	10,441	10,441
Total	10,441	...	10,441	10,441	10,441
(2) <i>Main Canals and Branches—</i>					
L. Earthwork	1,398	...	1,398	1,398	1,398
N. Tanks and reservoirs	23,658	...	23,658	30,108	23,658
Total	25,056	...	25,056	31,506	25,056
(3) <i>Distributaries—</i>					
B. Land	308	...	308	308	308
C. Works	3,192	...	3,192	3,192	3,192
L. Earthwork	2,503	...	2,503	2,503	2,503
Total	6,003	...	6,003	6,003	6,003
Total, Works	41,500	...	41,500	47,950	41,500
II. ESTABLISHMENT	9,041	...	9,041	10,654	9,041
III. TOOLS AND PLANT	...	...	...	129	...
Grand Total	50,541	...	50,541	58,733	50,541
Deduct—Receipts on Capital Account	...	...	...	...	...
(a) Net Total	50,541	...	50,541	58,733	50,541

(a) Chargeable to "43. Minor Works and Navigation—Provincial."

ADMINISTRATIVE ACCOUNTS FOR THE YEAR 1923-24.

MADRAS PRESIDENCY

MARUDUR ANICUT SYSTEM—Canal Project.

No. 3.—Revenue Account for and to end of 1923-1924.

Receipts.	TOTAL.			Charges.	TOTAL.		
	Previous.	1923-1924.	Total.		Previous.	1923-1924.	Total.
DIRECT RECEIPTS—	RS.	RS.	RS.	I. EXTENSIONS AND IMPROVEMENTS—	RS.	RS.	RS.
5. Receipts from plantations	6,555	775	7,330	(1) Head works	30	..	30
6. Receipts from other canal produce ..	15,768	147	15,915	(2) Main canals and branches ..	11,810	354	12,164
Rents of buildings ..	10	..	10	(3) Distributaries ..	10,636	..	10,636
11. Miscellaneous ..	2,611	296	2,907	(4) Drainage and protective works ..	4,024	..	4,024
Deduct—Refunds ..	..	26	26	(5) Special tools and plant ..	11,000	..	11,000
				Add—Unclassifiable outlay ..	..	..	..
Total revenue realized in Public Works Department ..	24,944	1,192	26,136	Total ..	27,570	354	37,924
Irrigation revenue realized in Civil Department ..	39,93,386	98,498	40,91,884	II. MAINTENANCE AND REPAIRS—			
				(1) Head works	17,567	2,465	20,132
otal, Direct Receipts ..	40,18,330	99,690	41,18,020	(2) Main canals and branches ..	1,76,681	10,116	1,86,897
INDIRECT RECEIPTS—				(3) Distributaries	99,409	718	1,00,127
Share of land revenue collected in the Civil Department ..	11,698	270	11,968	(4) Drainage and protective works ..	8,886	369	9,255
				(5) Special tools and plant ..	1,93,634	..	1,93,634
Total, Public Works and Civil Departments, revenue ..	40,30,028	99,960	41,29,988	Add—Unclassifiable outlay ..	..	..	..
				Total ..	5,01,177	13,668	5,14,845
				Total, Extensions and Improvements and Maintenance and Repairs ..	5,38,747	14,022	5,52,769
				IV: ESTABLISHMENT	1,29,439	5,260	1,34,699
				V. TOOLS AND PLANT	438	62	500
				VI. REFUNDS OF REVENUE	145	..	145
				Total, Direct Charges ..	6,68,769	19,344	6,88,113
				Share of collection charges in the Civil Department	2,00,254	4,939	2,05,193
				Indirect charges	18,726	876	19,602
				Total, Direct and Indirect Charges ..	8,87,749	25,159	9,12,908
				Deduct—Old maintenance charges saved to Government (a).	1,44,894	6,778	1,51,672
				Net Total ..	7,42,855	18,381	7,61,236
				Balance, net revenue	32,87,173	81,579	33,68,752
Total, Receipts ..	40,30,028	99,960	41,29,988	Grand Total ..	40,30,028	99,960	41,29,988

(a) Extensions and improvements	RS.
Maintenance and repairs	200
Establishment	4,500
Tools and plant	1,763
	21
Total, Direct Charges	6,484
Indirect Charges	294
Grand Total	6,778

No. 4.—Interest Account for and to end of 1923-1924.

	Amount.		Amount.
Total interest charges to end of 1922-1923	RS. 72,080	Net revenue realized to end of 1922-1923	RS. 32,87,173
Total interest charges for the year 1923-1924	1,680	Net revenue realized during 1923-1924	81,579
Balance, net revenue	32,94,992		
Total	33,68,752	Total	33,68,752

No. 5.—Account of Indirect Charges for and to end of 1923-1924.

Particulars.	Previous.	1923-1924.	Total.
CAPITAL—	RS.	RS.	RS.
Leave and pension allowances	1,265	...	1,265
Audit and accounts	...	...	...
Total	1,265	...	1,265
REVENUE—			
Capitalization of abatement of land revenue	444	...	444
Leave and pension allowances	18,119	736	18,855
Audit and accounts	163	140	303
Total	18,726	876	19,602
Grand Total	19,991	876	20,867

IRRIGATION BRANCH.

PUBLIC WORKS DEPARTMENT.

MARUDUR ANICUT SYSTEM—Canal Project.

No. 6.—Statement comparing Charges to date with Sanctioned Estimates.

Particulars.	CHARGES AGAINST CLOSED SANCTIONS.			CURRENT SANCTIONS.			Total charges to date against old and current sanctions.	REMARKS.	
	Expenditure against construction estimate.	Expenditure against open canal sanction.	Total.	Charges to date.	Amount of sanctioned estimate.	Unspent balance of estimate.		G.O. No. and date.	Amount of estimate.
<i>Direct Charges.</i>	RS.	RS.	RS.		RS.	RS.	RS.		RS.
Works ..	32,596	8,910	41,500	..	6,450	6,450	41,500		
Establishment ..	7,496	1,545	9,041	..	1,613	1,613	9,041		
Tools and plant ..	..	..	..	..	129	129	..		
Expense account ..	..	..	..	..	..	..	..		
Total ..	40,086	10,455	50,541	..	8,192	8,192	50,541	Mis. 172 I., 7th June 1922.	6,450
<i>Less—Receipts on Capital account ..</i>	..	..	..	..	..	..	..		
Net Total ..	40,086	10,455	50,541	..	8,192	8,192	50,541		
<i>Indirect Charges.</i>									
Capitalized abatement of land revenue ..	..	..	..	..	..	..	..		
Leave and pension allowances ..	1,049	216	1,265	..	..	..	1,265		
Total ..	1,049	216	1,265	..	..	..	1,265		
Grand Total ..	41,135	10,671	51,806	..	8,192	8,192	51,806		

ADMINISTRATIVE ACCOUNTS FOR THE YEAR 1923-24.

MADRAS PRESIDENCY

RUSHIKULYA SYSTEM—Tank Project.

No. 2.—Capital Account for and to end of 1923-1924.

Heads of account.	DIRECT CHARGES.			Cost of construction as now estimated (construction estimate closed on 31st March 1901).	Expenditure against estimate.
	Previous.	1923-1924.	Total.		
I. WORKS—	RS.	RS.	RS.	RS.	RS.
(1) <i>Head Works—</i>					
A. Preliminary expenses ..	15,476	..	15,476	15,476	15,476
B. Land ..	1,70,021	..	1,70,021	1,70,021	1,70,021
C. Works ..	13,62,725	..	13,62,725	13,62,725	13,62,725
K. Buildings ..	19,275	..	19,275	19,275	19,275
L. Earthwork ..	24,017	..	24,017	24,017	24,017
O. Miscellaneous ..	458	..	458	458	458
P. Maintenance ..	6,180	..	6,180	6,180	6,180
Total ..	15,98,152	..	15,98,152	16,24,319	15,98,559
(2) <i>Main Canals and Branches—</i>					
A. Preliminary expenses ..	5,902	..	5,902	5,902	5,902
B. Land ..	86,387	..	86,387	87,564	87,564
C. Works ..	7,090	..	7,090	6,237	6,237
D. Regulators ..	24,945	..	24,945	24,945	24,945
E. Falls and weirs ..	10,200	..	10,200	10,200	10,200
F (1). Other cross drainage works ..	4,56,370	..	4,56,370	4,57,811	4,57,811
G. Bridges ..	1,09,740	..	1,09,740	1,09,740	1,09,740
I. Navigation Works ..	1	..	1	1	1
K. Buildings ..	2,715	2,470	5,185	12,945	2,715
L. Earthwork ..	9,48,311	..	9,48,311	9,48,311	9,48,311
M. Plantations ..	3,733	..	3,733	3,733	3,733
N. Tanks and reservoirs ..	978	..	978	978	978
O. Miscellaneous ..	10,325	..	10,325	10,325	10,325
P. Maintenance ..	1,694	..	1,694	1,694	1,694
Total ..	16,68,391	2,470	16,70,861	16,80,386	16,70,156
(3) <i>Distributaries—</i>					
A. Preliminary expenses ..	5,577	..	5,577	5,577	5,577
B. Land ..	88,183	..	88,183	88,183	88,183
C. Works ..	1,73,702	3,044	1,76,746	1,82,915	1,66,444
L. Earthwork ..	3,00,492	..	3,00,492	2,98,085	2,98,745
O. Miscellaneous ..	3,619	..	3,619	4,378	3,619
Total ..	5,71,573	3,044	5,74,617	6,82,164	5,68,584
(4) <i>Drainage and Protective Works—</i>					
L. Earthwork ..	4,144	..	4,144	4,144	4,144
Total ..	4,144	..	4,144	4,144	4,144
(5) Special tools and plant ..	..	..	..	..	..
Total, Works ..	38,42,260	5,514	38,47,774	38,91,013	38,23,443
II. ESTABLISHMENT ..	8,17,594	3,141	8,21,135	8,25,409	8,10,141
III. TOOLS AND PLANT ..	1,28,063	126	1,28,189	1,28,594	1,27,556
Grand Total ..	47,88,317	8,781	47,97,098	48,45,016	47,61,140
V. <i>Less—RECEIPTS ON CAPITAL ACCOUNT</i> ..	65,853	..	65,853	65,853	65,853
Net Total ..	47,22,464	8,781	47,31,245	47,79,163	46,95,287
Chargeable to "35. Protective Works—Irrigation."	47,07,008	..	47,07,008	..	..
Chargeable to "55-A. Irrigation Works—2. Unproductive."	15,456	8,781	24,237	..	..
Total ..	47,22,464	8,781	47,31,245	..	..

IRRIGATION BRANCH.

PUBLIC WORKS DEPARTMENT.

RUSHIKULYA SYSTEM—Tank Project—cont.

No. 3.—Revenue Account for and to end of 1923-1924.

Receipts.	TOTAL.			Charges.	TOTAL.		
	Previous.	1923-1924.	Total.		Previous.	1923-1924.	Total.
I. DIRECT RECEIPTS—	rs.	rs.	rs.	I. EXTENSIONS AND IMPROVEMENTS—	rs.	rs.	rs.
1. Water-rates ..	25	..	25	(1) Head works ..	28,438	489	28,927
2. Sale of water ..	2,100	225	2,325	(2) Main canals and branches ..	28,438	2,943	31,381
3. Water supply of town ..	16,750	1,225	17,975	(3) Distributaries ..	58,909	1,796	60,705
4. Receipts from plantations ..	5,817	..	5,817	(4) Drainage and protective works ..	892	..	892
5. Receipts from other canal produce ..	19,178	2,386	21,564	(5) Special tools and plant ..	..	..	..
6. Navigation receipts ..	24	..	24	Total ..	1,14,677	5,228	1,19,905
7. Rents of buildings ..	3,169	115	3,284	II. MAINTENANCE AND REPAIRS—	..	..	..
8. Fines ..	17	..	17	(1) Head works ..	3,40,207	14,192	3,54,399
9. Miscellaneous ..	12,764	23	12,787	(2) Main canals and branches ..	5,32,016	27,385	5,59,401
Deduct—Refunds ..	60	..	60	(3) Distributaries ..	2,20,982	12,098	2,33,080
Total Revenue realized in Public Works Department ..	59,294	3,974	63,268	(4) Drainage and protective works ..	2,419	..	2,419
Irrigation revenue realized in Civil Department ..	36,86,435	1,64,562	38,50,997	(5) Special tools and plant ..	1,363	44	1,407
Total, Direct Receipts ..	37,45,729	1,68,536	39,14,265	Total ..	10,96,967	53,719	11,50,706
II. INDIRECT RECEIPTS—	..	..	..	Total, Extensions and Improvements and Maintenance and Repairs ..	12,11,664	68,947	12,70,611
Share of land revenue collected in the Civil Department ..	92,769	4,605	97,374	IV. ESTABLISHMENT ..	3,34,289	33,677	3,67,966
Total, Public Works and Civil Departments, Revenue ..	38,38,488	1,73,141	40,11,629	V. TOOLS AND PLANT ..	29,270	1,351	30,621
Total, Receipts ..	38,38,488	1,73,141	40,11,629	VI. REFUNDS OF REVENUE ..	88	..	88
				Total, Direct Charges ..	16,75,311	93,876	16,69,186
				Share of collection charges in the Civil Department ..	1,87,924	8,396	1,96,320
				Indirect charges ..	48,963	5,290	54,253
				Total, Direct and Indirect charges ..	18,12,198	1,07,561	19,19,759
				* Deduct—Old maintenance charge saved to Government ..	59,289	9,392	68,681
				Net total ..	17,52,909	98,169	18,51,078
				Balance, net revenue ..	20,85,679	74,972	21,60,651
				Grand Total ..	38,38,488	1,73,141	40,11,629

* Direct—

Extensions and Improvements ..	..	..	..	..	..	..	..	1,475
Maintenance and Repairs ..	..	..	..	..	..	..	..	4,108
Establishment ..	..	..	..	..	..	..	..	3,180
Tools and plant ..	..	..	..	..	..	..	..	128
Total ..	..	..	..	..	..	..	..	8,891
Indirect ..	..	..	..	..	..	..	..	501
								9,392

No. 4.—Interest Account for and to end of 1923-1924.

	Amount.			Amount.	
	rs.	..		rs.	..
Total interest charges to end of 1922-1923 ..	62,74,486	..	Net revenue realized to end of 1922-1923 ..	20,85,579	..
Total interest charges for the year 1923-1924 ..	1,58,426	..	Net revenue realized during 1923-1924 ..	74,972	..
Total ..	54,32,912	..	Balance, net interest charges ..	82,72,361	..
			Total ..	54,32,912	..

ADMINISTRATIVE ACCOUNTS FOR THE YEAR 1923-24.

MADRAS PRESIDENCY

RUSHIKULYA SYSTEM—Tank Project—cont.

No. 5.—Account of Indirect Charges for and to end of 1923-1924.

Particulars.	Previous.	1923-1924.	Total.
Capital—	rs.	rs.	rs.
Capitalization of abatement of land revenue ..	3,00,163	..	3,00,163
Leave and pension allowances ..	1,14,519	440	1,14,959
Audit and accounts ..	94	56	149
Total ..	4,14,776	495	4,15,271
Revenue—	..	..	..
Capitalization of abatement of land revenue ..	1,240	..	1,240
Leave and pension allowances ..	46,799	4,701	51,500
Audit and accounts ..	924	589	1,513
Total ..	48,963	5,290	54,253
Grand total ..	4,63,739	5,785	4,69,524

No. 6.—Statement comparing Charges to date with Sanctioned Estimates.

Particulars.	CHARGES AGAINST CLOSED SANCTIONS.			CURRENT SANCTIONS.				REMARKS.	
	Expenditure against construction estimate.	Expenditure against open canal sanction.	Total.	Charges to date.	Amount of sanctioned estimate.	Unspent balance of estimate.	Total charges to date against old and current sanctions.	G.O. No. and date.	Amount of estimate.
Direct charges.	rs.	rs.	rs.	rs.	rs.	rs.	rs.		rs.
Works ..	35,19,326	3,04,117	38,23,443	24,331	67,570	43,239	38,47,774		
Establishment ..	7,46,990	63,151	8,10,141	10,994	16,268	4,274	8,21,135		
Tools and plant ..	1,26,941	615	1,27,556	633	1,038	405	1,28,189		
Suspense account ..	..	..	..	..	..	..	..		
Total ..	43,93,257	3,67,883	47,61,140	35,958	83,876	47,918	47,97,098		
Less—Receipts on capital account.	7,851	58,002	65,853	..	..	..	65,853	279 I., 28th June 1916.	7,180
								392 I., 21st Sep. 1917.	3,560
								84 I., 26th Feb. 1915.	1,740
Net total ..	48,85,406	3,09,881	46,95,287	35,958	83,876	47,918	47,31,245		
Indirect charges.									
Capitalized abatement of land revenue ..	2,92,911	7,262	3,00,163	..	..	..	3,00,163	Mis. 146 I., 4th May 1920.	4,570
Leave and pension allowances ..	1,04,579	8,841	1,13,420	1,639	..	— 1,539	1,14,959		
Audit and accounts ..	..	39	39	110	..	— 110	149		
Total ..	3,97,490	16,182	4,13,672	1,649	..	— 1,649	4,15,271		
Grand total ..	47,82,896	3,26,013	51,08,909	37,607	83,876	46,269	51,46,516	Total ..	67,570

IRRIGATION BRANCH.

PUBLIC WORKS DEPARTMENT.

NAGAVALLI RIVER SYSTEM—Canal Project.

No. 2.—Capital Account for and to end of 1923-1924.

Heads of account.	DIRECT CHARGES.			Cost of construction as now estimated.	Expenditure against closed estimates.
	Previous.	1923-1924.	Total.		
I. WORKS—	RS.	RS.	RS.	RS.	RS.
(1) <i>Head Works—</i>					
A. Preliminary expenses	48	..	48	48	48
B. Land	4,50,504	..	4,50,504	4,58,418	4,42,727
C. Works	20,792	..	20,792	20,792	17,622
K. Buildings	..	..	..	..	..
O. Miscellaneous	..	..	..	..	..
Unforeseen works	..	..	..	..	..
Total ..	4,71,344	..	4,71,344	4,79,258	4,60,397
(2) <i>Main Canals and Branches—</i>					
A. Preliminary expenses	2,937	..	2,937	2,938	2,938
B. Land	28,266	..	28,266	27,521	27,575
D. Regulators	3,121	..	3,121	3,027	2,814
E. Falls and weirs	10,847	..	10,847	10,910	10,150
F. River and hill torrent works ..	17	..	17	..	..
G. (1) Other cross drainage works ..	2,42,440	..	2,42,440	2,43,443	2,30,775
G. Bridges	7,981	..	7,981	8,141	6,546
H. Escapes	822	..	822	822	822
I. Navigation	..	..	..	..	..
K. Buildings	10,738	..	10,738	11,016	9,756
L. Earthwork	2,79,678	..	2,79,678	2,79,664	2,76,739
O. Miscellaneous	3,037	..	3,037	3,037	2,764
P. Maintenance	..	..	..	..	..
Unforeseen works	225	..	225	..	..
Total ..	5,90,179	..	5,90,179	5,90,519	5,70,679
(3) <i>Distributaries—</i>					
B. Land	24,662	..	24,662	31,784	20,934
C. Works	99,146	..	99,146	1,11,436	76,674
L. Earthwork	1,09,948	2,473	1,12,421	1,02,104	77,661
O. Miscellaneous	6,897	..	6,897	1,461	..
P. Maintenance	..	..	..	..	..
Unforeseen works	..	..	..	..	..
Total ..	2,40,653	2,473	2,43,126	2,46,775	1,75,269
(5) <i>Special tools and plants—</i>					
Maintenance during construction ..	16,500	..	16,500	16,500	18,375
General improvements	..	..	..	14,259	..
Total Works ..	13,18,676	2,473	13,21,149	13,47,311	12,24,720
II. ESTABLISHMENT	2,68,591	1,409	2,70,000	2,69,524	2,42,924
III. TOOLS AND PLANT	93,219	57	93,276	93,545	93,355
IV. SUSPENSE ACCOUNTS	..	..	..	..	..
Grand Total ..	16,80,486	3,939	16,84,425	17,10,380	15,60,999
V. Less—RECEIPTS ON CAPITAL ACCOUNT ..	3,396	..	3,396	3,396	1,374
Net Total ..	16,77,090	3,939	16,81,029	17,06,984	15,59,625
<i>Apportionment—</i>					
Chargeable to 49. Irrigation	16,52,196	..	16,52,196	..	..
" to 43. Minor Works and Navigation—Provincial ..	2,126	..	2,126	..	..
" to 55-A. Irrigation works—	..	..	..	..	..
I. Productive	22,768	3,939	26,707	..	..
Total ..	16,77,090	3,939	16,81,029	..	..

ADMINISTRATIVE ACCOUNTS FOR THE YEAR 1923-24.

MADRAS PRESIDENCY

NAGAVALLI RIVER SYSTEM—Canal Project.

No. 3.—Revenue Account for and to end of 1923-1924—cont.

Receipts.	TOTAL.			Charges.	TOTAL.		
	Previous.	1923-1924.	Total.		Previous.	1923-1924.	Total.
DIRECT RECEIPTS—	RS.	RS.	RS.	I. EXTENSIONS AND IMPROVEMENTS—	RS.	RS.	RS.
5. Receipts from plantations	6	..	6	(1) Head works	1,390	..	1,390
6. Receipts from other canal produce	3,568	341	3,909	(2) Main canals and branches ..	18,477	928	19,405
8. Navigation	1	..	1	(3) Distributaries	12,668	936	13,544
9. Rents of buildings	1,446	182	1,635	(4) Drainage and protective works ..	..	..	..
11. Miscellaneous	3,436	17	3,453	(5) Special tools and plant	..	..	..
Deduct—Refunds	61	..	61	Total ..	32,475	1,864	34,339
Total, Revenue realized in Public Works Department ..	8,396	547	8,943	II. MAINTENANCE AND REPAIRS—			
Irrigation Revenue realized in Civil Department ..	6,16,586	65,163	6,81,749	(1) Head works	59,445	4,212	63,657
Total, Direct Receipts ..	6,24,982	65,710	6,90,692	(2) Main canals and branches ..	86,111	6,351	92,462
INDIRECT RECEIPTS—				(3) Distributaries	23,634	1,309	24,943
Share of Land Revenue collected in the Civil Department ..	68,434	13,475	81,909	(4) Drainage and protective works ..	..	..	..
Total, Public Works and Civil Departments, Revenue ..	6,93,416	79,185	7,72,601	(5) Special tools and plant ..	..	..	..
				Add—Unclassifiable outlay ..	..	..	..
				Total ..	1,69,190	11,872	1,81,062
				Total, Extensions and Improvements and Maintenance and Repairs ..	2,01,665	15,736	2,16,401
				IV. ESTABLISHMENT	88,031	7,824	96,455
				V. TOOLS AND PLANT	3,281	315	3,596
				VI. REFUNDS OF REVENUE	281	..	281
				Total, Direct Charges ..	2,93,858	21,875	3,15,733
				Share of collection charges in the Civil Department ..	21,593	3,813	24,906
				Indirect Charges	12,712	1,232	13,944
				Total, Direct and Indirect Charges.	3,38,163	26,420	3,64,583
				Deduct—Old maintenance charges saved to Government ..	27,402	4,867	32,269
				Net total ..	3,10,761	21,553	3,32,314
				Balance, net revenue ..	3,82,655	57,632	4,40,287
Total Receipts ..	6,93,416	79,185	7,72,601	Grand Total ..	6,93,416	79,185	7,72,601
Direct—				Indirect ..			
Extensions and Improvements	..	..	..	..	..	..	..
Maintenance and Repairs	..	..	..	..	..	..	..
Establishment	..	..	..	..	..	..	..
Tools and Plant	..	..	..	..	..	..	..
Indirect ..	..	..	..	Total ..	4,608	259	4,867

No. 4.—Interest Account for and to end of 1923-1924.

	Amount.		Amount.
	RS.		RS.
Total interest charges to end of 1922-1923 ..	8,13,849	Net revenue realized to end of 1922-1923 ..	3,82,655
Total interest charges for the year 1923-1924 ..	56,661	Net revenue realized during 1923-1924 ..	57,632
		Balance net interest charges	4,30,423
Total ..	8,70,510	Total ..	8,70,510

IRRIGATION BRANCH.

PUBLIC WORKS DEPARTMENT

NAGAVALLI RIVER SYSTEM—Canal Project.

No. 5.—Account of Indirect Charges for and to end of 1923-1924.

Particulars.	Previous.	1923-1924.	Total.
CAPITAL—	RS.	RS.	RS.
Capitalization of abatement of land revenue	4,340	..	4,340
Leave and pension allowances	37,603	197	37,800
Audit and accounts	138	25	163
Total ..	42,081	222	42,303
REVENUE—			
Capitalization of abatement of land revenue	..	..	..
Leave and pension allowances	12,407	1,095	13,502
Audit and accounts	305	137	442
Total ..	12,712	1,232	13,944
Grand Total ..	54,793	1,454	56,247

No. 6.—Statement comparing Charges to date with Sanctioned Estimates.

Particulars.	CHARGES AGAINST CLOSED SANCTIONS.			CURRENT SANCTIONS.			Total charges to date against old and current sanctions.	REMARKS.	
	Expenditure against construction estimate.	Expenditure against open canal sanction.	Total.	Charges to date.	Amount of sanctioned estimate.	Unspent balance of estimate.		G.O. No. and date.	Amount of estimate.
Direct Charges.	RS.		RS.	RS.	RS.	RS.	RS.	Direct.	RS.
Works ..	12,24,720	..	12,24,720	98,429	1,22,501	26,162	13,21,149	71 I., dated 25th February 1920.	1,05,311
Establishment ..	2,42,924	..	2,42,924	27,075	25,600	.. 476	2,70,000	Mis. 393 I., dated 15th October 1921.	9,330
Tools and plant ..	93,355	..	93,355	.. 73	190	269	93,276	Mis. 143 I., dated 4th May 1921.	3,700
Suspense account ..	..	..	..	..	..	..	..	Mis. 67 I., dated 21st February 1921.	2,400
Total ..	15,60,999	..	15,60,999	1,23,426	1,49,381	25,955	16,84,425	Mis. 282 I., dated 4th August 1921.	1,850
Less—Receipts on Capital account.	1,374	..	1,374	2,022	2,022	..	3,396	Total ..	1,22,591
Net Total ..	15,59,625	..	15,59,625	1,21,404	1,47,359	25,955	16,81,029	Indirect.	
Indirect Charges.								71 I., dated 25th February 1920.	7,718
Capitalized abatement of land revenue ..	3,273	..	3,273	1,087	5,053	3,956	4,340		
Leave and pension allowances ..	34,009	..	34,009	3,791	2,665	.. 1,126	37,800		
Audit and accounts ..	..	..	..	163	..	.. 163	163		
Total ..	37,282	..	37,282	5,021	7,718	2,697	42,303		
Grand Total ..	15,96,907	..	15,96,907	1,26,425	1,55,077	28,652	17,23,332		

ADMINISTRATIVE ACCOUNTS FOR THE YEAR 1923-24.

MADRAS PRESIDENCY

MUNIYERU PROJECT—Canal Project.

No. 2.—Capital Account for and to end of 1923-1924.

Heads of account.	DIRECT CHARGES.			Cost of construction as now estimated; closed in 1901-02.	Expenditure against closed estimate.
	Previous.	1923-1924.	Total.		
WORKS—	RS.		RS.	RS.	RS.
(1) Head Works—					
A. Preliminary expenses	57	..	57	57	57
C. Works	54,547	..	54,547	54,547	54,547
K. Buildings	4,205	1,617	5,822	5,822	5,822
P. Maintenance	9,815	..	9,815	9,815	9,815
Total ..	68,624	1,617	70,241	70,241	70,241
(2) Main Canals and Branches—					
B. Land	10,011	..	10,011	10,011	10,011
D. Regulators	12,042	..	12,042	12,042	12,042
E. Falls and weirs	..	..	..	..	..
F. River and hill torrent works ..	3,046	..	3,046	3,046	3,046
G. (1) Other cross drainage works ..	85,903	..	85,903	85,903	85,903
G. Bridges	18,938	..	18,938	18,938	18,938
H. Escapes	..	..	..	..	..
K. Buildings	4,586	..	4,586	4,586	4,586
L. Earthwork	1,83,745	..	1,83,745	1,83,745	1,83,745
N. Tanks and reservoirs	6,359	..	6,359	6,359	6,359
O. Miscellaneous	2,734	..	2,734	2,734	2,734
P. Maintenance	107	..	107	107	107
Total ..	3,27,471	..	3,27,471	3,27,471	3,27,471
(3) Distributaries—					
C. Works	23,437	..	23,437	23,437	23,437
L. Earthwork	41,198	..	41,198	41,198	41,198
O. Miscellaneous	2,449	..	2,449	2,449	2,449
Total ..	67,084	..	67,084	67,084	67,084
(5) Special tools and plant—					
Provision for unforeseen works ..	..	..	..	..	..
Total, Works ..	4,63,179	1,617	4,64,796	4,64,796	4,64,796
II. ESTABLISHMENT	1,03,806	710	1,04,516	1,04,516	1,04,516
III. TOOLS AND PLANT	3,713	15	3,728	3,728	3,728
Grand Total ..	5,70,698	2,342	5,73,040	5,73,040	5,73,040
V. Less—RECEIPTS ON CAPITAL ACCOUNT	1,732	..	1,732	1,732	1,732
Net Total ..	5,68,966	2,342	5,71,308	5,71,308	5,71,308
43. Minor Works and Navigation—					
Provincial	5,68,966	..	5,68,966	..	..
55. A. Irrigation Works—					
2. Unproductive	..	2,342	2,342	..	..
Total ..	5,68,966	2,342	5,71,308	..	..

PUBLIC WORKS DEPARTMENT.

MUNIYERU PROJECT—*Canal Project.*

No. 3.—Revenue Account for and to end of 1923-24.

Receipts.	TOTAL.			Charges.	TOTAL.		
	Previous.	1923-1924.	Total.		Previous.	1923-1924.	Total.
I. DIRECT RECEIPTS—	RS.	RS.	RS.	I. EXTENSIONS AND IMPROVEMENTS—	RS.	RS.	RS.
5. Receipts from plantations ..	671	..	671	(1) Head works ..	2,471	58	2,529
6. Receipts from other canal produce ..	6,225	1,098	7,323	(2) Main canals and branches ..	3,653	199	3,852
9. Rents of buildings ..	1,245	57	1,272	(3) Distributaries ..	968	..	968
11. Miscellaneous ..	4,286	..	4,286	(4) Drainage and protective works ..	..	..	..
				(5) Special tools and plant ..	..	..	..
				Total ..	7,102	257	7,359
Total, Revenue realized in Public Works Department ..	12,427	1,125	13,552	II. MAINTENANCE AND REPAIRS—			
Irrigation Revenue realized in Civil Department ..	3,91,201	25,938	4,17,139	(1) Head works ..	53,661	1,472	55,133
Total, Direct Receipts ..	4,03,628	27,063	4,30,621	(2) Main canals and branches ..	74,821	3,654	78,305
II. INDIRECT RECEIPTS—				(3) Distributaries ..	20,504	938	21,442
Share of Land Revenue collected in the Civil Department ..	2,215	60	2,275	(4) Drainage and protective works ..	..	..	..
				(5) Special tools and plant ..	..	..	..
Total, Public Works and Civil Departments, Revenue ..	4,05,843	27,123	4,32,966	Ad—Unclassifiable outlay ..	..	..	..
				Total ..	1,48,786	6,094	1,54,880
Total, Receipts ..	4,05,843	27,123	4,32,966	Total, Extensions and Improvements and Maintenance and Repairs ..	1,55,858	6,351	1,62,239
				IV. ESTABLISHMENT ..	46,213	2,789	49,002
				V. TOOLS AND PLANT ..	1,3-2	60	1,452
				VI. REFUNDS OF REVENUE ..	51	..	51
				Total, Direct Charges ..	2,03,544	9,200	2,12,744
				Share of collection charges in the Civil Department ..	9,668	1,300	10,963
				Indirect Charges ..	6,602	453	7,055
				Total, Direct and Indirect Charges ..	2,79,814	10,953	2,90,767
				* Deduct—Old maintenance charges saved to Government.	2,398	337	2,735
				Total, Direct and Indirect charges ..	2,27,416	10,616	2,38,032
				Balance, net revenue ..	1,78,427	16,507	1,94,934
				Grand Total ..	4,05,843	27,123	4,32,966

• Direct--										18.
Extensions and improvements	..	..	..	..	..	..	..	..	..	22
Maintenance and repairs	..	..	..	..	..	..	..	..	..	9
Establishment	..	..	..	..	..	..	..	..	..	..
Tools and plant	..	..	..	..	..	..	..	..	..	..
									Total	32
									Indirect	1
									Total	33

No. 4.—Interest Account for and to end of 1923-1924.

	Amount.		Amount.
	Rs.		Rs.
Total interest charges to end of 1922-1923 ..	5,29,387	Net revenue realized to end of 1922-1923 ..	1,78,427
Total interest charges for the year 1923-1924 ..	18,986	Net revenue realized during 1923-1924 ..	16,507
		Balance, net interest charges ..	3,53,439
Total ..	5,48,373	Total ..	5,48,373

No. 5.—Account of Indirect Charges for and to end of 1923-1924.

Particulars.					Previous.	1923-1924.	Total.
CAPITAL—					RS.	RS.	RS.
Capitalization of abatement of land revenue	..	..	..	..	15,104	..	15,104
Leave and pension allowances	..	..	..	..	14,532	99	14,631
Audit and accounts	..	..	..	..	..	16	16
Total					29,636	115	29,751
REVENUE—							
Leave and pension allowances	..	..	..	..	6,455	390	6,845
Audit and accounts	..	..	..	..	147	63	210
Total					6,602	453	7,055
Grand Total					36,238	568	36,806

ADMINISTRATIVE ACCOUNTS FOR THE YEAR 1923-24.

MADRAS PRESIDENCY

MUNIYERU PROJECT—*Canal Project.*

No. 6.—Statement comparing Charges to date with Sanctioned Estimates.

Particulars.	CHARGES AGAINST CLOSED SANCTIONS.			CURRENT SANCTIONS.			Total charges to date against old and current sanctions.	REMARKS.	
	Expenditure against construction estimate.	Expenditure against open canal sanction.	Total.	Charges to date.	Amount of sanctioned estimate.	Unspent balance of estimate.		G.O. No. and date.	Amount of estimate.
<i>Direct Charges.</i>	RS.		RS.				RS.	<i>Direct Charges.</i>	RS.
Works	4,63,179	1,617	4,64,796	..	..	..	4,64,796		
Establishment ..	1,03,806	710	1,04,516	..	..	..	1,04,516		
Tools and plant ..	3,713	15	3,728	..	..	..	3,728		
Suspense account ..	..	..	..	..	..	..	..		
Total ..	5,70,698	2,342	5,73,040	..	..	..	5,73,040		
Less—Receipts on Capital account ..	1,732	..	1,732	..	..	..	1,732		
Net Total ..	5,68,966	2,342	5,71,308	..	..	..	5,71,308		
<i>Indirect Charges.</i>									
Capitalized abatement of land revenue ..	15,104	..	15,104	..	..	..	15,104		
Leave and pension allowances ..	14,532	99	14,631	..	..	..	14,631		
Audit and account ..	..	16	16	..	..	..	16		
Total ..	29,636	115	29,751	..	..	..	29,751		
Grand Total ..	5,98,602	2,457	6,01,059	..	..	..	6,01,059		

PEDDINAYUDU TANK OF CHINNARAOPALEM—*Tank Project.*

No. 2.—Capital Account for and to end of 1923-1924.

Heads of account.	DIRECT CHARGES.			Cost of construction as now estimated closed in 1916-17.	Expenditure against closed estimate.
	Previous.	1923-1924.	Total.		
I. WORKS—	RS.		RS.	RS.	RS.
(1) <i>Head Works—</i>					
B. Land	8,833	..	8,833	8,833	8,833
C. Works	38,551	..	38,551	38,551	38,551
O. Miscellaneous	90	..	90	90	90
P. Maintenance	226	..	226	226	226
Total ..	47,700	..	47,700	47,700	47,700
(2) <i>Main Canals and Branches—</i>					
B. Land	382	..	382	382	382
C. Works	1,211	..	1,211	1,211	1,211
L. Earthwork	2,020	..	2,020	2,020	2,020
O. Miscellaneous	81	..	81	81	81
Total ..	3,694	..	3,694	3,694	3,694
(3) <i>Distributaries—</i>					
B. Land	106	..	106	106	106
C. Works	44	..	44	44	44
L. Earthwork	775	..	775	775	775
O. Miscellaneous	..	..	..	..	..
Total ..	925	..	925	925	925
(5) <i>Special tools and plant—</i>	..	..	..	..	..
Provision for unforeseen works	..	..	..	..	..
Total, Works ..	52,319	..	52,319	52,319	52,319
II. ESTABLISHMENT ..	9,779	..	9,779	9,779	9,779
III. TOOLS AND PLANT ..	..	..	..	..	..
(a) Grand Total ..	62,098	..	62,098	62,098	62,098

(a) Chargeable to "43. Minor Works and Navigation—Provincial."

IRRIGATION BRANCH.

PUBLIC WORKS DEPARTMENT.

PEDDINAYUDU TANK OF CHINNARAOPALEM—*Tank Project.*
No. 3.—Revenue Account for and to end of 1923-1924.

Receipts.	TOTAL.			Charges.	TOTAL.		
	Previous.	1923-1924.	Total.		Previous.	1923-1924.	Total.
I. DIRECT RECEIPTS—	RS.	RS.	RS.	I. EXTENSIONS AND IMPROVEMENTS—	RS.	RS.	RS.
5. Receipts from plantations ..	3,468	..	3,468	(1) Head works	..	..	..
6. Receipts from other canal produce ..	6,747	1,720	8,467	(2) Main canals and branches ..	116	..	116
8. Navigation receipts ..	..	..	..	(3) Distributaries	..	..	..
9. Rents of buildings ..	..	..	..	(4) Drainage and protective works ..	188	..	188
10. Fines	..	..	..	(5) Special tools and plant ..	..	..	..
11. Miscellaneous ..	909	..	909	Total ..	304	..	304
<i>Deduct—Refunds ..</i>	..	120	120	II. MAINTENANCE AND REPAIRS—	..	..	..
Receipts for which classification is not obtainable ..	..	..	..	(1) Head works	138	..	138
Total revenue realized in the Public Works Department ..	11,124	1,600	12,724	(2) Main canals and branches ..	1,064	137	1,201
Irrigation revenue realized in Civil Department ..	4,758	544	5,302	(3) Distributaries	258	..	258
Total, Direct Receipts ..	15,882	2,144	18,026	(4) Drainage and protective works ..	..	..	..
Total, Public Works and Civil Departments, Revenue ..	15,882	2,144	18,026	(5) Special tools and plant ..	..	..	..
				<i>Add—Unclassifiable outlay ..</i>	..	..	..
				Total ..	1,460	137	1,597
				Total, Extensions and Improvements and Maintenance and Repairs ..	1,764	137	1,901
				IV. ESTABLISHMENT	1,678	60	1,738
				V. TOOLS AND PLANT	2	1	3
				VI. REFUNDS OF REVENUE	94	..	94
				Total, Direct Charges ..	2,938	198	3,136
				Share of collection charges in the Civil Department ..	237	27	264
				Indirect charges	162	9	161
				Total, Direct and Indirect Charges ..	3,327	234	3,561
				Balance, net revenue	12,555	1,910	14,465
Total, Receipts ..	15,882	2,144	18,026	Grand Total ..	15,882	2,144	18,026

No. 4.—Interest Account for and to end of 1923-1924.

	Amount.		Amount.
	RS.		RS.
Total interest charges to end of 1922-1923 ..	29,902	Net revenue realized to end of 1922-1923 ..	12,555
Total interest charges for the year 1923-1924 ..	2,065	Net revenue realized during 1923-1924 ..	1,910
Total ..	31,967	Balance, net interest charges ..	17,502
		Total ..	31,967

No. 5.—Account of Indirect Charges for and to end of 1923-1924.

Particulars.	Previous.	1923-1924.	Total.
CAPITAL—	RS.	RS.	RS.
Capitalization of abatement of land revenue ..	28	..	28
Leave and pension allowances	1,369	..	1,369
Total ..	1,397	..	1,397
REVENUE—	..	..	..
Leave and pension allowances	150	8	158
Audit and accounts	2	1	3
Total ..	152	9	161
Grand Total ..	1,549	9	1,558

ADMINISTRATIVE ACCOUNTS FOR THE YEAR 1923-24.

MADRAS PRESIDENCY

PEDDINAYUDU TANK OF CHINNARAOPALEM—*Tank Project—cont.*
No. 6.—Statement comparing Charges to date with Sanctioned Estimates.

Particulars.	CHARGES AGAINST CLOSED SANCTIONS.			CURRENT SANCTIONS.			Total charges to date against old and current sanctions.	REMARKS.	
	Expenditure against construction estimate.	Expenditure against open canal sanction.	Total.	Charges to date.	Amount of sanctioned estimate.	Unspent balance of estimate.		G.O. No. and date.	Amount of estimate.
Direct Charges.	RS.	RS.	RS.				RS.		
Works	52,319	..	52,319	..	..	..	52,319		
Establishment	9,779	..	9,779	..	..	..	9,779		
Tools and plant	..	..	..	..	..	..	..		
Suspense account	..	..	..	..	..	..	..		
Total ..	62,098	..	62,098	..	..	..	62,098		
Less—Receipts on Capital Account	..	..	..	..	..	..	..		
Net Total ..	62,098	..	62,098	..	..	..	62,098		
Indirect Charges.									
Capital abatement of land revenue	28	..	28	..	..	..	28		
Leave and pension allowances	1,369	..	1,369	..	..	..	1,369		
Total ..	1,397	..	1,397	..	..	..	1,397		
Grand Total ..	63,495	..	63,495	..	..	..	63,495		

JANGAMESHWARAPURAM TANK—*Tank Project.*

No. 2.—Capital Account for and to end of 1923-1924.

Heads of account.	DIRECT CHARGES.			Cost of construction as now estimated (construction estimate closed on 31st March 1908).	Expenditure against closed estimate.
	Previous.	1923-1924.	Total.		
I. WORKS—	RS.	RS.	RS.	RS.	RS.
(1) <i>Head Works—</i>					
B. Land	13,487	..	13,487	13,487	13,487
C. Works	10,899	..	10,899	10,899	10,899
K. Buildings	6,959	..	6,959	6,959	6,959
L. Earthwork	72	..	72	72	72
O. Miscellaneous	..	..	..	..	..
Total ..	31,417	..	31,417	31,417	31,417
(3) <i>Distributaries—</i>					
B. Land	695	..	695	695	695
C. Works	7,500	..	7,500	7,500	7,500
L. Earthwork	12,704	..	12,704	12,704	12,704
O. Miscellaneous	248	..	248	248	248
Total ..	21,147	..	21,147	21,147	21,147
Provision for unforeseen works ..	..	..	..	..	..
Total, Works ..	52,564	..	52,564	52,564	52,564
II. ESTABLISHMENT	8,689	..	8,689	8,689	8,689
III. TOOLS AND PLANT	..	..	..	..	..
Grand Total ..	61,253	..	61,253	61,253	61,253
IV. Less—RECEIPTS ON CAPITAL ACCOUNT	..	..	..	..	..
(a) Net Total ..	61,253	..	61,253	61,253	61,253

(a) Chargeable to "43, Minor Works and Navigation—Provincial."

PUBLIC WORKS DEPARTMENT.

JANGAMESHWARAPURAM TANK—*Tank Project—cont.*

No. 6.—Statement comparing Charges to date with Sanctioned Estimates.

Particulars.	CHARGES AGAINST CLOSED SANCTIONS.			CURRENT SANCTIONS.			Total charges to date against old and current sanctions.	REMARKS.	
	Expenditure against construction estimate.	Expenditure against open canal sanction.	Total.	Charges to date.	Amount of sanctioned estimate.	Unspent balance of estimate.		G.O. No. and date.	Amount of estimate.
<i>Direct Charges.</i>	rs.	rs.	rs.				rs.		
Works	50,980	1,584	52,564	..	..	..	52,564		
Establishment	8,352	337	8,689	..	..	..	8,689		
Tools and plant	..	..	..	..	..	..	..		
Suspense account	..	..	..	..	..	..	..		
Total ..	59,332	1,921	61,253	..	..	..	61,253		
<i>Less—Receipts on Capital account.</i>	..	..	..	..	..	..	..		
Net Total ..	59,332	1,921	61,253	..	..	..	61,253		
<i>Indirect Charges.</i>									
Capitalized abatement of land revenue.	9,194	..	9,194	..	..	..	9,194		
Leave and pension allowances.	1,170	47	1,217	..	..	..	1,217		
Total ..	10,364	47	10,411	..	..	..	10,411		
Grand Total ..	69,696	1,968	71,664	..	..	..	71,664		

ATMAKURU TANK—*Tank Project.*

Heads of account.	DIRECT CHARGES.			Cost of construction as now estimated (construction estimate closed on 31st August 1907).	Expenditure against closed estimate.
	Previous.	1923-1924.	Total.		
I. WORKS—	RS.		RS.	RS.	RS.
(1) <i>Head Works—</i>					
B. Land	9,024	..	9,024	9,024	9,024
C. Works	36,966	..	36,966	36,966	36,966
K. Buildings	..	..	..	..	..
L. Earthwork	35,535	..	35,535	35,535	35,535
O. Miscellaneous	75	..	75	75	75
P. Maintenance	66	..	66	66	66
Total ..	81,666	..	81,666	81,666	81,666
(2) <i>Main Canals and Branches—</i>					
A. Preliminary expenses	..	..	..	..	..
B. Land	..	..	..	..	..
E. Falls and weirs	..	..	..	..	..
F. (1) Other cross drainage works	..	..	..	..	..
G. Bridges	..	..	..	..	..
K. Buildings	..	..	..	..	..
L. Earthwork	..	..	..	..	..
O. Miscellaneous	..	..	..	..	..
P. Maintenance	..	..	..	..	..
Total ..	..	..	..	..	..
(3) <i>Distributaries—</i>					
B. Land	493	..	493	493	493
C. Works	3,282	..	3,282	3,282	3,282
L. Earthwork	5,512	..	5,512	5,512	5,512
O. Miscellaneous	249	..	249	249	249
P. Maintenance	..	..	..	..	..
Total ..	9,536	..	9,536	9,536	9,536
Provision for unforeseen works	..	..	..	..	..
Total, Works ..	91,202	..	91,202	91,202	91,202
II. ESTABLISHMENT	18,749	..	18,749	18,749	18,749
III. TOOLS AND PLANT	..	..	..	..	..
(a) Grand Total ..	1,09,951	..	1,09,951	1,09,951	1,09,951

(a) Chargeable to "43. Minor Works and Navigation—Provincial."

		Amount.			Amount.
		RS.			RS.
Total interest charges to end of 1922-1923	..	41,081	Net revenue realized to end of 1922-1923	..	5,507
Total interest charges for the year 1923-1924	..	2,039	Net revenue realized during 1923-1924	..	670
	..	..	Balance, net interest charges	..	37,043
Total	..	43,120	Total	..	43,120

No. 5.—Account of Indirect Charges for and to end of 1923-1924.

Particulars.	Previous.	1923-1924.	Total.
CAPITAL—	RS.	RS.	RS.
Capitalization of abatement of land revenue	9,194	9,194	9,194
Leave and pension allowances	1,217	..	1,217
Total ..	10,411	..	10,411
REVENUE—			
Leave and pension allowances	283	22	305
Audit and accounts	8	4	12
Total ..	291	26	317
Grand Total ..	10,702	26	10,728

IRRIGATION BRANCH.

ATMAKURU TANK—Tank Project—cont.

No. 3.—Revenue Account for and to end of 1923-1924.

Receipts.	TOTAL.			Charges.	TOTAL.		
	Previous.	1923-1924.	Total.		Previous.	1923-1924.	Total.
I. DIRECT RECEIPTS—	RS.	RS.	RS.	I. EXTENSIONS AND IMPROVEMENTS—	RS.	RS.	RS.
3. Sale of water ..	..	..	..	(1) Head works ..	766	..	766
4. Water-supply of towns ..	..	..	..	(2) Main canals and branches ..	..	..	..
5. Receipts from plantations ..	..	..	..	(3) Distributaries ..	136	..	136
6. Receipts from other canal produce ..	1	2	3	(4) Drainage and protective works ..	..	..	..
8. Navigation receipts ..	..	..	..	(5) Special tools and plant ..	..	..	..
9. Rents of buildings ..	..	..	..	Total ..	902	..	902
10. Fines ..	..	..	..	II. MAINTENANCE AND REPAIRS—	..	..	..
11. Miscellaneous ..	5	..	5	(1) Head works ..	4,097	3,245	7,342
Total, Revenue realized in the Public Works Department ..	6	2	8	(2) Main canals and branches ..	..	..	..
Irrigation Revenue realized in Civil Department ..	24,046	1,766	25,812	(3) Distributaries ..	1,492	..	1,492
Total, Direct Receipts ..	24,052	1,768	25,820	(4) Drainage and protective works ..	..	..	..
II. INDIRECT RECEIPTS—	..	..	..	(5) Special tools and plant ..	..	..	..
Share of Land Revenue collected in the Civil Department ..	..	..	..	Add—Unclassifiable outlay ..	..	..	..
Total, Public Works and Civil Departments, Revenue ..	24,052	1,768	25,820	Total ..	5,589	3,245	8,834
Grand Total ..	24,052	1,768	25,820	Total, Extensions and Improvements and Maintenance and Repairs ..	6,491	3,245	9,736
				IV. ESTABLISHMENT ..	2,186	1,425	3,611
				V. TOOLS AND PLANT ..	9	30	39
				Total, Direct Charges ..	8,686	4,700	13,386
				Share of collection charges in the Civil Department ..	1,201	88	1,289
				Indirect charges ..	323	232	555
				Total, Direct and Indirect Charges ..	10,210	5,020	15,230
				Balance, net revenue ..	13,842	3,252	10,590
				Grand Total ..	24,052	1,768	25,820

No. 4.—Interest Account for and to end of 1923-1924.

	Amount.		Amount.
	RS.		RS.
Total interest charges to end of 1923-1923 ..	70,428	Net revenue realized to end of 1923-1923 ..	13,842
Total interest charges for the year 1923-1924 ..	8,456	Net revenue realized during 1923-1924 ..	3,252
Balance, net revenue ..	..	Balance, net interest charges ..	63,494
Total ..	74,084	Total ..	74,084

No. 5.—Account of Indirect Charges for and to end of 1923-1924

Particulars.	Previous.	1923-1924.	Total.
CAPITAL—	RS.	RS.	RS.
Capitalization of abatement of land revenue ..	10,802	..	10,802
Leave and pension allowances ..	2,626	..	2,626
Total ..	13,428	..	13,428
REVENUE—	..	..	..
Leave and pension allowances ..	307	199	506
Audit and accounts ..	16	33	49
Total ..	323	232	555
Grand Total ..	13,751	232	13,983

ATMAKURU TANK—Tank Project—cont.

No. 6.—Statement comparing Charges to date with Sanctioned Estimates.

Particulars.	CHARGES AGAINST CLOSED SANCTIONS.			CURRENT SANCTIONS.			Total charges to date against old and current sanctions.	REMARKS.	
	Expenditure against construction estimate.	Expenditure against open canal sanction.	Total.	Charges to date.	Amount of sanctioned estimate.	Unspent balance of estimate.		G.O. No. and date.	Amount of estimate.
Direct Charges.	RS.	..	RS.	..	..	..	RS.		
Works ..	91,202	..	91,202	..	..	..	91,202		
Establishment ..	18,749	..	18,749	..	..	..	18,749		
Tools and plant ..	..	..	..	..	..	..	..		
Suspense account ..	..	..	..	..	..	..	..		
Total ..	1,09,951	..	1,09,951	..	..	..	1,09,951		
Less—Receipts on Capital Account.	..	..	..	..	..	..	..		
Net Total ..	1,09,951	..	1,09,951	..	..	..	1,09,951		
Indirect Charges.	..	..	..	..	..	..	..		
Capitalized abatement of land revenue ..	10,802	..	10,802	..	..	..	10,802		
Leave and pension allowances ..	2,626	..	2,626	..	..	..	2,626		
Total ..	13,428	..	13,428	..	..	..	13,428		
Grand Total ..	1,23,379	..	1,23,379	..	..	..	1,23,379		

DONDAPAD TANK—Tank Project.

No. 2.—Capital Account for and to end of 1923-1924.

Heads of account.	DIRECT CHARGES.			Cost of construction as now estimated (construction estimate closed on 31st March 1903).	Expenditure against closed estimate.
	Previous.	1923-1924.	Total.		
I. WORKS—	RS.	..	RS.	RS.	RS.
(1) Head Works—	..	..	..	..	..
B. Land ..	22,423	..	22,423	22,423	22,423
C. Works ..	28,821	..	28,821	28,821	28,821
L. Earthwork ..	38,320	..	38,320	38,320	38,320
P. Maintenance ..	10	..	10	10	10
Total ..	89,574	..	89,574	89,574	89,574
(3) Distributaries—	..	..	..	..	..
B. Land ..	838	..	838	838	838
C. Works ..	5,456	..	5,456	5,456	5,456
L. Earthwork ..	9,860	..	9,860	9,860	9,860
O. Miscellaneous ..	120	..	120	120	120
Total ..	16,274	..	16,274	16,274	16,274
Total, Works ..	1,05,848	..	1,05,848	1,05,848	1,05,848
II. ESTABLISHMENT	18,945	..	18,945	18,945	18,945
III. TOOLS AND PLANT	..	..	..	..	..
Grand Total ..	1,24,793	..	1,24,793	1,24,793	1,24,793
V. LESS—RECEIPTS ON CAPITAL ACCOUNT	7	..	7	7	7
(a) Net Total ..	1,24,786	..	1,24,786	1,24,786	1,24,786

(a) Chargeable to "43. Minor Works and Navigation—Provincial."

IRRIGATION BRANCH.

PUBLIC WORKS DEPARTMENT.

DONDAPAD TANK—Tank Project—cont.

No. 3.—Revenue Account for and to end of 1923-1924.

Receipts.	TOTAL.			Charges.	TOTAL.		
	Previous.	1923-1924.	Total.		Previous.	1923-1924.	Total.
I. DIRECT RECEIPTS—	RS.	RS.	RS.	I. EXTENSIONS AND IMPROVEMENTS—	RS.	RS.	RS.
5. Receipts from plan-	165	..	165	(1) Head works ..	73	..	73
6. Receipts from other	631	..	631	(2) Main canals and branches ..	..	..	..
11. Miscellaneous ..	230	..	230	(3) Distributaries ..	292	236	528
				(4) Drainage and productive works ..	..	..	..
				(5) Special tools and plant ..	..	..	..
Total, Revenue realized in				Total ..	365	236	601
Public Works Depart-	1,026	..	1,026	II. MAINTENANCE AND REPAIRS—			
ment ..				(1) Head works ..	6,603	..	6,603
Irrigation Revenue realized	18,885	680	17,565	(2) Main canals and branches ..	144	..	144
in Civil Department ..				(3) Distributaries ..	3,605	31	3,636
Total, Direct Receipts ..	17,911	680	18,591	(4) Drainage and productive works ..	..	..	..
				(5) Special tools and plant ..	..	..	..
II. INDIRECT RECEIPTS—				Add—Unclassifiable outlay ..	..	..	..
Share of Land Revenue	71	3	74	Total ..	10,552	31	10,583
collected in the Civil				a Total, Extensions and Improve-			
Department ..				ments and Maintenance and			
				Repairs ..	10,917	267	11,184
Total, Public Works and	17,982	683	18,665	IV. ESTABLISHMENT ..	3,317	117	3,434
Civil Departments,				V. TOOLS AND PLANT ..	28	3	31
Revenue ..				VI. REFUNDS OF REVENUE ..	..	..	..
				Total, Direct Charges ..	14,292	387	14,679
				Share of collection charges in the Civil			
				Department ..	847	34	881
				Indirect charges ..	469	19	488
				Total, Direct and Indirect Charges ..	15,608	440	16,048
				Balance, net revenue ..	2,374	243	2,617
Total, Receipts ..	17,982	683	18,665	Grand Total ..	17,982	683	18,665

No. 4.—Interest Account for and to end of 1923-1924.

	Amount.			Amount.	
	RS.			RS.	
Total interest charges to end of 1922-1923 ..	1,32,828		Net revenue realized to end of 1922-1923 ..	2,374	
Total interest charges for the year 1923-1924 ..	4,149		Net revenue realized during 1923-1924 ..	243	
			Balance, net interest charges ..	1,31,360	
Total ..	1,36,977		Total ..	1,36,977	

No. 5.—Account of Indirect Charges for and to end of 1923-1924.

Particulars.	Previous.	1923-1924.	Total.
CAPITAL—	RS.	RS.	RS.
Capitalization of abatement of land revenue ..	12,566	..	12,566
Leave and pension allowances ..	2,652	..	2,652
Total ..	15,218	..	15,218
REVENUE—			
Leave and pension allowances ..	466	16	482
Audit and accounts ..	3	3	6
Total ..	469	19	488
Grand Total ..	15,687	19	15,706

ADMINISTRATIVE ACCOUNTS FOR THE YEAR 1923-24.

MADRAS PRESIDENCY

DONDAPAD TANK—Tank Project—cont.

No. 6.—Statement comparing Charges to date with Sanctioned Estimates.

Particulars.	CHARGES AGAINST CLOSED SANCTIONS.			CURRENT SANCTIONS.			Total charges to date against old and current sanctions.	REMARKS.	
	Expenditure against construction estimate.	Expenditure against open canal sanctions.	Total.	Charges to date.	Amount of sanctioned estimate.	Unspent balance of estimate.		G.O. No. and date.	Amount of estimate.
Direct charges.	RS.	RS.	RS.				RS.		
Works ..	96,521	9,327	1,05,848	..	..	..	1,05,848		
Establishment ..	17,017	1,928	18,945	..	..	..	18,945		
Tools and plant ..	..	..	..	..	..	..	..		
Suspense account ..	..	..	..	..	..	..	..		
Total ..	1,13,538	11,255	1,24,793	..	..	..	1,24,793		
Less—Receipts on capital account ..	7	..	7	..	..	..	7		
Net Total ..	1,13,531	11,255	1,24,786	..	..	..	1,24,786		
Indirect charges.									
Capitalized abatement of land revenue ..	12,062	504	12,566	..	..	..	12,566		
Leave and pension allowances ..	2,382	270	2,652	..	..	..	2,652		
Total ..	14,444	774	15,218	..	..	..	15,218		
Grand Total ..	1,27,975	12,029	1,40,004	..	..	..	1,40,004		

IRRIGATION BRANCH.

PUBLIC WORKS DEPARTMENT.

BHAYANASI TANK PROJECT—Tank Project.

No. 2.—Capital Account for and to end of 1923-1924.

Heads of account.	DIRECT CHARGES.			Cost of construction as now estimated.	Expenditure against estimate.
	Previous.	1923-1924.	Total.		
I. WORKS—	Rs.		Rs.	Rs.	
(1) <i>Head Works—</i>					
A. Preliminary expenses ...	1,188	...	1,188	1,200	...
B. Land ...	8,507	...	8,507	8,613	...
C. Works ...	2,556	...	2,556	15,720	...
E. Falls and Weirs ...	14,059	...	14,059		
L. Earthwork ...	1,16,658	...	1,16,658	85,250	...
- O. Miscellaneous ...	124	...	124	270	...
Total ...	1,43,092	...	1,43,092	1,11,053	...
(2) <i>Main Canals and Branches—</i>					
A. Preliminary expenses ...	17	...	17	136	...
B. Land ...	4,159	...	4,159	4,211	...
C. Works ...	14,439	...	14,439	15,970	...
D. Regulators ...	...	...	...	...	...
F. Rivers and Hill Torrents ...	...	...	...	...	...
F. (1) Other cross drainage works ...	...	...	...	...	...
G. Bridges ...	...	...	...	...	...
K. Buildings ...	...	...	...	...	...
L. Earthwork ...	29,493	...	29,493	24,720	...
O. Miscellaneous ...	303	...	303	310	...
P. Maintenance ...	152	...	152	...	...
Total ...	48,563	...	48,563	45,347	...
(3) <i>Distributaries—</i>					
B. Land ...	...	...	...	...	...
C. Works ...	...	...	...	...	...
L. Earthwork ...	...	...	...	...	...
O. Miscellaneous ...	...	...	...	...	...
P. Maintenance ...	...	...	...	...	...
Total ...	...	...	...	...	...
(5) <i>Special tools and plant—</i>	— 9,221	...	— 9,221	...	...
Provision for unforeseen works	...	...	...	...	...
Total Works ...	1,82,434	...	1,82,434	1,56,400	...
II. ESTABLISHMENT ...	41,653	...	41,653	30,582	...
III. TOOLS AND PLANT ...	25,660	...	25,660	15,307	...
	2,49,747	...	2,49,747	2,02,289	...
V. Less receipts on capital account ...	297	...	297	...	...
(a) Grand Total ...	2,49,450	...	2,49,450	2,02,289	...
Chargeable to 35. Protective works— Irrigation.	2,49,581	...	2,49,581	...	...
Chargeable to 55-A. Irrigation works— 2. Unproductive.	— 131	...	— 131	...	...
	2,49,450	...	2,49,450	...	...

Note.—The Government have ordered that the excess may be explained in the report on the closure of the construction estimate of the project.

ADMINISTRATIVE ACCOUNTS FOR THE YEAR 1923-24.

MADRAS PRESIDENCY

BHAYANASI TANK PROJECT—Tank Project—cont.

No. 3.—Revenue Account for and to end of 1923-1924.

Receipts.	TOTAL.			Charges.	TOTAL.		
	Previous.	1923-1924.	Total.		Previous.	1923-1924.	Total.
I. DIRECT RECEIPTS—	RS.	RS.	RS.	I. EXTENSIONS AND IMPROVEMENTS—	RS.	RS.	RS.
5. Receipts from plantations ...	..	..	..	(1) Head works ..	61	..	61
6. Receipts from other canal produce ..	..	..	..	(2) Main canals and branches ..	185	7	192
11. Miscellaneous ..	..	..	..	(3) Distributaries ..	290	14	304
Total, Revenue realized in Public Works Department ..	..	..	..	(4) Drainage and protective works ..	..	..	..
Irrigation revenue realized in Civil Department ..	7,041	5,109	12,150	(5) Special tools and plant ..	..	..	..
				Total ..	536	21	557
Total, Direct Receipts ..	7,041	5,109	12,150	II. MAINTENANCE AND REPAIRS—			
II. INDIRECT RECEIPTS—				(1) Head works ..	990	..	990
Share of land revenue collected in the Civil Department ..	..	..	..	(2) Main canals and branches ..	2,743	2,024	5,767
				(3) Distributaries ..	2,189	..	2,189
Total, Public Works and Civil Departments, Revenue ..	7,041	5,109	12,150	(4) Drainage and protective works ..	1,309	..	1,309
Net deficit, if any ..	7,940	— 1,846	6,094	(5) Special tools and plant ..	..	..	..
				<i>Add—Unclassifiable outlay</i> ..	..	..	..
				Total ..	8,231	2,024	10,255
				Total, Extensions and Improvements and Maintenance and Repairs ..	8,767	2,045	10,812
				IV. ESTABLISHMENT ..	5,153	898	6,051
				V. TOOLS AND PLANT ..	24	19	43
				VI. REFUNDS OF REVENUE ..	..	..	..
				<i>Deduct—Recoveries Expenditure</i> ..	100	100	200
				Total, Direct Charges ..	13,844	2,862	16,706
				Share of collection charges in the Civil Department ..	352	255	607
				Indirect charges ..	785	146	931
				Total, Direct and Indirect Charges ..	14,981	3,263	18,244
				Balance, net revenue ..	..	..	..
Total, Receipts ..	14,981	3,263	18,244	Grand Total ..	14,981	3,263	18,244

No. 4.—Interest Account for and to end of 1923-1924.

	Amount.		Amount.
	RS.		RS.
Total interest charges to end of 1922-1923.	69,812	Net revenue realized to end of 1922-1923.	— 7,940
Total interest charges for the year 1923-1924.	9,968	Net revenue realized during 1923-1924.	1,846
		Balance, net interest charges	85,874
Total ..	79,780	Total ..	79,780

IRRIGATION BRANCH.

PUBLIC WORKS DEPARTMENT.

BHAVANASI TANK PROJECT—*Tank Project*—cont.

No. 5.—Account of Indirect Charges for and to end of 1923-1924.

Particulars.	Previous.	1923-1924.	Total.
CAPITAL—	RS.	RS.	RS.
Capitalization of abatement of land revenue	5,027	..	5,027
Leave and pension allowances	5,831	..	5,831
Audit and accounts	..	..	..
Total ..	10,858	..	10,858
REVENUE—	..	..	..
Capitalization of abatement of land revenue	721	126	847
Leave and pension allowances	64	20	84
Audit and accounts	..	..	..
Total ..	785	146	931
Grand Total ..	11,643	146	11,789

No. 6.—Statement comparing Charges to date with Sanctioned Estimates.

Particulars.	CHARGES AGAINST CLOSED SANCTIONS.			CURRENT SANCTIONS.			Total charges to date against old and current sanctions.	REMARKS.	
	Expenditure against construction estimate.	Expenditure against open canal sanction.	Total.	Charges to date.	Amount of sanctioned estimate.	Unspent balance of estimate.		G.O. No. and date.	Amount of estimate.
Direct Charges.				RS.	RS.	RS.	RS.		RS.
Works ..	..	..	..	1,82,434	1,56,400	— 26,034	1,82,434	367 I., 26th Aug. 1916. Direct Indirect	1,56,400 6,711
Establishment ..	..	..	..	41,653	30,582	— 11,071	41,653		
Tools and plant ..	..	..	..	25,660	15,307	— 10,353	25,660		
Suspense account ..	..	..	..	..	..	..	..		
Total ..	..	..	..	2,49,747	2,02,289	— 47,458	2,49,747		
Less—Receipts on Capital account.	..	..	..	297	..	— 297	297		
Net Total ..	..	..	..	2,49,450	2,02,289	— 47,161	2,49,450		
Indirect Charges.									
Capitalized abatement of land revenue ..	..	..	..	5,027	2,430	— 2,597	5,027		
Leave and pension allowances ..	..	..	..	5,831	4,281	— 1,550	5,831		
Audit and accounts ..	..	..	..	..	..	..	..		
Total ..	..	..	..	10,858	6,711	— 4,147	10,858		
Grand Total ..	..	..	..	2,60,308	2,09,000	— 51,308	2,60,308		

ADMINISTRATIVE ACCOUNTS FOR THE YEAR 1923-24.

MADRAS PRESIDENCY

MOPAD PROJECT—*Canal Project*.

No. 2.—Capital Account for and to end of 1923-1924.

Heads of account.	DIRECT CHARGES.			Cost of construction as now estimated.	Expenditure against closed estimate.
	Previous.	1923-1924.	Total.		
I. WORKS—	RS.		RS.	RS.	
(1) <i>Head Works—</i>					
A. Preliminary expenses ..	13,472	..	13,472	13,548	..
B. Land	83,111	..	83,111	83,123	..
C. Works	44,034	..	44,034	44,035	..
K. Buildings	21,808	..	21,808	21,661	..
L. Earthwork	11,95,416	..	11,95,416	11,87,373	..
N. Tanks and reservoirs ..	..	..	..	..	..
O. Miscellaneous	15,296	..	15,296	14,834	..
P. Maintenance	23,618	..	23,618	24,000	..
Unforeseen works	..	..	..	..	..
Total ..	13,96,755	..	13,96,755	13,88,574	..
(2) <i>Main Canals and Branches—</i>					
A. Preliminary expenses ..	1,938	..	1,938	1,938	..
B. Land	12,812	..	12,812	12,812	..
D. Regulators	15,778	..	15,778	15,777	..
E. Falls and weirs	21,158	..	21,158	21,168	..
F. (1) Other cross drainage works ..	1,44,666	..	1,44,666	1,44,664	..
G. Bridges	13,753	..	13,753	13,754	..
K. Buildings	2,988	..	2,988	3,000	..
L. Earthwork	91,758	..	91,758	91,750	..
O. Miscellaneous	5,217	..	5,217	5,232	..
P. Maintenance	4,732	..	4,732	4,650	..
Unforeseen works	..	..	..	..	..
Total ..	3,14,800	..	3,14,800	3,14,745	..
(3) <i>Distributaries—</i>					
A. Preliminary expenses ..	2,389	..	2,389	2,389	..
B. Land	5,056	..	5,056	5,056	..
C. Works	6,118	..	6,118	6,107	..
G. Bridges	287	..	287	287	..
L. Earthwork	9,990	..	9,990	9,989	..
O. Miscellaneous	2,701	..	2,701	2,702	..
Total ..	26,541	..	26,541	26,530	..
(5) <i>Special tools and plant—</i>	— 71,521	..	— 71,521	1,21,355	..
Provision for unforeseen works ..	..	..	..	..	..
Total, Works ..	16,66,575	..	16,66,575	18,51,204	..
II. ESTABLISHMENT	3,20,381	..	3,20,381	3,45,827	..
III. TOOLS AND PLANT	2,34,213	..	2,34,213	24,643	..
Grand Total ..	22,21,169	..	22,21,169	22,21,674	..
V. <i>Less—RECEIPTS ON CAPITAL ACCOUNT.</i>	27,894	..	27,894	24,674	..
(a) Net Total ..	21,93,275	..	21,93,275	21,97,000	..
Chargeable to 35. Protective Works Irrigation ..	22,09,835	..	22,09,835	..	..
Chargeable to 55. Irrigation Works—Unproductive ..	— 16,560	..	— 16,560	..	..
Total ..	21,93,275	..	21,93,275	..	..

IRRIGATION BRANCH.

PUBLIC WORKS DEPARTMENT.

MOPAD PROJECT—Canal Project—cont.
No. 3.—Revenue Account for and to end of 1923-24.

Receipts.	TOTAL.			Charges.	TOTAL.		
	Previous.	1923-1924.	Total.		Previous.	1923-1924.	Total.
DIRECT RECEIPTS—	RS.	RS.	RS.	I. EXTENSIONS AND IMPROVEMENTS—	RS.	RS.	RS.
6. Receipts from other canal produce ..	..	..	..	(1) Head works ..	..	..	..
9. Rent of buildings ..	165	95	260	(2) Main canals and branches ..	..	..	..
11. Miscellaneous ..	1,134	555	1,689	(3) Distributaries ..	..	..	..
				(4) Drainage and protective works ..	..	..	..
				(5) Special tools and plant ..	..	..	..
				Total ..	..	..	..
Total, Revenue realized in the Public Works Department ..	1,299	650	1,949	II. MAINTENANCE AND REPAIRS—	RS.	RS.	RS.
				(1) Head works ..	1,055	1,381	2,436
Irrigation Revenue realized in Civil Department ..	22,128	19,281	41,409	(2) Main canals and branches ..	1,478	959	2,437
				(3) Distributaries ..	907	787	1,694
Total, Direct Receipts ..	23,427	19,931	43,358	(4) Drainage and protective works ..	..	..	..
				(5) Special tools and plant ..	..	..	..
1. Indirect Receipts—Share of Land Revenue collected in the Civil Department ..	5,572	3,442	9,014	Add—Unclassifiable outlay ..	..	..	..
				Total ..	3,470	3,127	6,597
Total, Public Works and Civil Departments, Revenue ..	26,999	23,373	52,372	Total, Extensions and Improvements and Maintenance and Repairs ..	3,470	3,127	6,597
				IV. ESTABLISHMENT ..	1,502	1,373	2,875
Total, Receipts ..	28,999	23,373	52,372	V. TOOLS AND PLANT ..	16	29	45
				VI. REFUNDS OF REVENUE ..	..	..	..
				Total, Direct Charges ..	4,988	4,529	9,517
				Share of collection charges in the Civil Department ..	1,106	961	2,067
				Indirect charges ..	245	223	468
				Total, Direct and Indirect Charges ..	6,339	5,716	12,055
				Balance, net revenue ..	22,680	17,657	40,337
				Grand Total ..	28,999	23,373	52,372

No. 4.—Interest Account for and to end of 1923-1924.

	Amount.		Amount.
	RS.		RS.
Total interest charges to end of 1922-1923 ..	7,37,554	Net revenue realized to end of 1922-1923 ..	22,660
Total interest charges for the year 1923-1924 ..	85,832	Net revenue realized during 1923-1924 ..	17,657
		Balance, net interest charges ..	7,53,069
Total ..	8,23,386	Total ..	8,23,386

ADMINISTRATIVE ACCOUNTS FOR THE YEAR 1923-24.

MADRAS PRESIDENCY

MOPAD PROJECT—Canal Project—cont.
No. 5.—Account of Indirect Charges for and to end of 1923-1924.

Particulars.	Previous.	1923-1924.	Total.
CAPITAL—	RS.	RS.	RS.
Capitalization of abatement of land revenue ..	51,698	..	51,698
Leave and pension allowances ..	44,856	..	44,856
Audit and accounts ..	— 132	..	— 132
Total ..	96,422	..	96,422
REVENUE—			
Capitalization of abatement of land revenue ..	..	..	..
Leave and pension allowances ..	210	192	402
Audit and accounts ..	35	31	66
Total ..	245	223	468
Grand Total ..	96,667	223	96,890

No. 6.—Statement comparing Charges to date with sanctioned Estimates.

Particulars.	CHARGES AGAINST CLOSED SANCTIONS.			CURRENT SANCTIONS.			Total charges to date against old and current sanctions.	REMARKS	
	Expenditure against construction estimate.	Expenditure against open sanction.	Total.	Charges to date.	Amount of sanctioned estimate.	Unspent balance of estimate.		G.O. No. and date.	Amount of estimate.
Direct Charges.				RS.	RS.	RS.	RS.	Direct Charges.	RS.
Works ..	..	..	..	16,66,575	18,61,204	1,84,629	16,66,575	149 L. 12th May 1921. Direct charges. Indirect Charges.	18,61,204
Establishment ..	..	..	..	3,20,381	3,45,827	25,446	3,20,381		
Tools and plant ..	..	..	..	2,34,213	24,643	— 2,09,570	2,34,213		
Suspense account ..	..	..	..	..	..	..	..		
Total ..	..	..	..	22,21,169	22,21,674	505	22,21,169		
Less—Receipts on Capital account.	..	..	..	27,894	24,674	— 3,220	27,894		
Net Total ..	..	..	..	21,93,275	21,97,000	3,725	21,93,275		
Indirect Charges.									
Capitalized abatement of land revenue ..	..	..	..	51,698	51,584	— 114	51,698		
Leave and pension allowances ..	..	..	..	44,856	48,416	3,560	44,856		
Audit and accounts ..	..	..	..	— 132	..	132	— 132		
Total ..	..	..	..	96,422	1,00,000	2,578	93,422		
Grand Total ..	..	..	..	22,89,697	22,97,000	7,303	22,89,697		

IRRIGATION BRANCH.

PUBLIC WORKS DEPARTMENT.

HAJIPURAM TANK—Tank Project.

No. 2.—Capital Account for and to end of 1923-1924.

Heads of account.	DIRECT CHARGES.			Cost of construction as now estimated, (Construction estimate closed on 31st March 1911.)	Expenditure against closed estimate.
	Previous.	1923-1924.	Total.		
I. WORKS—	RS.		RS.	RS.	RS.
(1) <i>Head Works—</i>					
B. Land	19,227	..	19,227	19,227	19,227
C. Works	28,750	..	28,750	28,750	28,750
K. Buildings	913	..	913	913	913
L. Earthwork	1,66,992	..	1,66,992	1,66,992	1,66,992
P. Maintenance	3,842	..	3,842	3,842	3,842
O. Miscellaneous	..	..	..	..	..
Total	2,19,724	..	2,19,724	2,19,724	2,19,724
(3) <i>Distributaries—</i>					
B. Land	1,156	..	1,156	1,156	1,156
C. Works	3,869	..	3,869	3,869	3,869
J. Earthwork	5,421	..	5,421	5,421	5,421
O. Miscellaneous	516	..	516	516	516
Total	10,962	..	10,962	10,962	10,962
Provision for unforeseen works	..	..	..	..	..
Total, Works	2,30,686	..	2,30,686	2,30,686	2,30,686
II. ESTABLISHMENT	48,308	..	48,308	48,308	48,308
III. TOOLS AND PLANT	..	..	..	..	..
Grand Total	2,78,994	..	2,78,994	2,78,994	2,78,994
V. LESS—RECEIPTS ON CAPITAL ACCOUNT	220	..	220	220	220
(a) Net Total	2,78,774	..	2,78,774	2,78,774	2,78,774

(a) Chargeable to "43. Minor Works and Navigation—Provincial."

ADMINISTRATIVE ACCOUNTS FOR THE YEAR 1923-24.

MADRAS PRESIDENCY

HAJIPURAM TANK—Tank Project—cont.

No. 3.—Revenue Account for and to end of 1923-1924.

Receipts.	TOTAL.			Charges.	TOTAL.		
	Previous.	1923-1924.	Total.		Previous.	1923-1924.	Total.
DIRECT RECEIPTS—	RS.	RS.	RS.	I. EXTENSIONS AND IMPROVEMENTS—	RS.	RS.	RS.
Receipts from other	101	..	101	(1) Head works	..	..	..
canal produce	6,513	1,005	7,518	(2) Main canals and branches	..	..	..
Miscellaneous	..	..	..	(3) Distributaries	..	..	..
Total, Revenue realized in Public Works Department	6,614	1,005	7,619	(4) Drainage and protective works	130	..	130
Irrigation Revenue realized in Civil Department	23,890	3,575	27,465	(5) Special tools and plant	..	..	..
Total, Direct Receipts	30,504	4,580	35,084	Total	130	..	130
INDIRECT RECEIPTS—				II. MAINTENANCE AND REPAIRS—			
Share of Land Revenue collected in the Civil Department	196	15	211	(1) Head works	1,540	500	2,040
Total, Indirect Receipts	196	15	211	(2) Main canals and branches	83	..	83
Total, Public Works and Civil Departments, Revenue	30,700	4,595	35,295	(3) Distributaries	232	..	232
				(4) Drainage and protective works	..	..	..
				(5) Special tools and plant	..	..	..
				Add—Unclassifiable outlay	..	..	..
				Total	1,855	500	2,355
				Total, Extensions and Improvements and Maintenance and Repairs	1,985	500	2,485
				IV. ESTABLISHMENT	788	219	1,007
				V. TOOLS AND PLANT	12	5	17
				VI. REFUNDS OF REVENUE	..	..	..
				Total, Direct Charges	2,785	724	3,509
				Share of collection charges in the Civil Department	1,204	180	1,384
				Indirect charges	219	36	255
				Total, Direct and Indirect Charges	4,208	940	5,148
				Balance, net revenue	26,492	3,655	30,147
Total, Receipts	30,700	4,595	35,295	" Grand Total	30,700	4,595	35,295

No. 4.—Interest Account for and to end of 1923-1924.

	Amount.		Amount.
	RS.		RS.
Total interest charges to end of 1922-1923	1,67,325	Net revenue realized to end of 1922-1923	26,492
Total interest charges for the year 1923-1924	9,270	Net revenue realized during 1923-1924	3,655
		Balance, net interest charges	1,46,448
Total	1,76,595	Total	1,76,595

IRRIGATION BRANCH.

PUBLIC WORKS DEPARTMENT.

HAJIPURAM TANK—Tank Project—cont.

No. 5.—Account of Indirect Charges for and to end of 1923-1924.

Particulars.	Previous.	1923-1924.	Total.
CAPITAL—	RS.	RS.	RS.
Capitalization of abatement of land revenue ...	26,346	...	26,346
Leave and pension allowances ...	6,763	...	6,763
Total ...	33,109	...	33,109
REVENUE—			
Capitalization of abatement of land revenue ...	105	...	105
Leave and pension allowances ...	109	31	140
Audit and accounts ...	5	5	10
Total ...	219	36	255
Grand Total ...	33,328	36	33,364

No. 6.—Statement comparing Charges to date with Sanctioned Estimates.

Particulars.	CHARGES AGAINST CLOSED SANCTIONS.			CURRENT SANCTIONS.			Total charges to date against old and current sanctions.	REMARKS.	
	Expenditure against construction estimate.	Expenditure against open canal sanction.	Total.	Charges to date.	Amount of sanctioned estimate.	Unspent balance of estimate.		G.O. No. and date.	Amount of estimate.
Direct Charges.	RS.	RS.	RS.				RS.		
Works ...	2,28,624	2,662	2,30,686	...	...	...	2,30,686		
Establishment ...	47,880	428	48,308	...	...	...	48,308		
Tools and plant ...	...	...	...	...	...	...	...		
Suspense account ...	...	...	...	...	...	...	...		
Total ...	2,75,904	3,090	2,78,994	...	...	...	2,78,994		
Less—Receipts on Capital account ...	220	...	220	...	...	...	220		
Net Total ...	2,75,684	3,090	2,78,774	...	...	...	2,78,774		
Indirect Charges.									
Capitalized abatement of land revenue ...	25,879	467	26,346	...	...	...	26,346		
Leave and pension allowances ...	6,703	60	6,763	...	...	...	6,763		
Total ...	32,582	527	33,109	...	...	...	33,109		
Grand Total ...	3,08,266	3,617	3,11,883	...	...	...	3,11,883		

ADMINISTRATIVE ACCOUNTS FOR THE YEAR 1923-24.

MADRAS PRESIDENCY

PONNALUR TANK—Tank Project.

No. 2.—Capital Account for and to end of 1923-1924.

Heads of account.	DIRECT CHARGES.			Cost of construction as now estimated (construction estimate closed on 31st March 1911).	Expenditure against closed estimate.
	Previous.	1923-1924.	Total.		
WORKS—	RS.		RS.	RS.	RS.
(1) <i>Head Works—</i>					
B. Land ...	20,407	...	20,407	20,407	20,407
C. Works ...	47,286	...	47,286	47,286	47,286
K. Buildings ...	411	...	411	411	411
L. Earthwork ...	73,402	...	73,402	73,402	73,402
O. Miscellaneous ...	10,211	...	10,211	10,211	10,211
P. Maintenance ...	1,052	...	1,052	1,052	1,052
Total ...	1,52,769	...	1,52,769	1,54,209	1,52,769
(2) <i>Main Canals and Branches—</i>					
A. Preliminary expenses ...	...	...	...	...	...
B. Land ...	...	...	...	...	...
E. Falls and weirs ...	...	...	...	...	...
F. (1) Other cross drainage works ...	...	...	...	...	...
G. Bridges ...	...	...	...	...	...
K. Buildings ...	...	...	...	...	...
L. Earthwork ...	...	...	...	...	...
O. Miscellaneous ...	...	...	...	...	...
P. Maintenance ...	...	...	...	...	...
Total ...	...	...	...	...	...
(3) <i>Distributaries—</i>					
B. Land ...	812	...	812	812	812
C. Works ...	3,959	...	3,959	3,959	3,959
L. Earthwork ...	1,715	...	1,715	1,715	1,715
O. Miscellaneous ...	638	...	638	638	638
P. Maintenance ...	...	...	...	...	...
Total ...	7,124	...	7,124	7,124	7,124
Provision for unforeseen works ...	...	...	...	...	...
Total, Works ...	1,59,893	...	1,59,893	1,61,333	1,59,893
II. ESTABLISHMENT ...	31,070	...	31,070	31,430	31,070
III. TOOLS AND PLANT ...	34	...	34	63	34
(a) Grand Total ...	1,90,997	...	1,90,997	1,92,826	1,90,997

(a) Chargeable to "43. Minor Works and Navigation—Provincial."

IRRIGATION BRANCH.

PUBLIC WORKS DEPARTMENT.

PONNALUR TANK—*Tank Project*—cont.

No. 3.—Revenue Account for and to end of 1923-1924.

Receipts.	TOTAL.			Charges.	TOTAL.		
	Previous.	1923-1924.	Total.		Previous.	1923-1924.	Total.
I. DIRECT RECEIPTS—	RS.	RS.	RS.	I. EXTENSIONS AND IMPROVEMENTS—	RS.	RS.	RS.
5. Receipts from plantations ..	..	..	..	(1) Head works ..	..	413	413
6. Receipts from other canal produce ..	..	..	..	(2) Main canals and branches ..	..	..	..
11. Miscellaneous ..	176	..	176	(3) Distributaries ..	..	..	..
Total Revenue realized in Public Works Department ..	176	..	176	(4) Drainage and protective works ..	..	..	..
Irrigation revenue realized in Civil Department ..	53,183	2,740	54,923	(5) Special tools and plant ..	..	..	..
Total Direct Receipts ..	52,359	2,740	55,099	Total ..	..	413	413
II. INDIRECT RECEIPTS—	..	..	..	II. MAINTENANCE AND REPAIRS—	..	..	..
Share of land revenue allotted in the Civil Department ..	..	..	..	(1) Head works ..	41,245	2,670	43,915
Total Public Works and Civil Departments Revenue ..	52,359	2,740	55,099	(2) Main canals and branches ..	18,071	..	18,071
Net deficit, if any ..	25,193	2,083	27,276	(3) Distributaries ..	..	..	..
				(4) Drainage and protective works ..	..	..	..
				(5) Special tools and plant ..	..	..	..
				Add—Unclassifiable outlay ..	..	..	..
				Total ..	59,316	2,670	61,986
				Total, Extensions and Improvements and Maintenance and Repairs ..	59,316	3,083	62,399
				IV. ESTABLISHMENT ..	13,605	1,354	14,959
				V. TOOLS AND PLANT ..	60	29	89
				VI. REFUNDS OF REVENUE ..	..	..	..
				Total, Direct Charges ..	72,981	4,466	77,447
				Share of collection charges in the Civil Department ..	2,611	137	2,748
				Indirect charges ..	1,960	220	2,180
				Total, Direct and Indirect Charges ..	77,552	4,823	82,375
				Balance, net revenue ..	..	..	..
Total Receipts ..	77,552	4,823	82,375	Grand Total ..	77,552	4,823	82,375

No. 4.—Interest Account for and to end of 1923-1924.

	Amount.			Amount.	
	RS.			RS.	
Total interest charges to end of 1922-1923 ..	1,13,992		Net revenue realized to end of 1922-1923 ..	— 25,193	
Total interest charges for the year 1923-1924 ..	6,934		Net revenue realized during 1923-1924 ..	— 2,083	
			Balance, net interest charges ..	1,48,202	
Total ..	1,20,926		Total ..	1,20,926	

No. 5.—Account of Indirect Charges for and to end of 1923-1924.

Particulars.	Previous.	1923-1924.	Total.
CAPITAL—	RS.	RS.	RS.
Capitalization of abatement of land revenue ..	21,230	..	21,230
Leave and pension allowances ..	4,349	..	4,349
Total ..	25,579	..	25,579
REVENUE—	..	..	..
Leave and pension allowances ..	1,908	189	2,095
Audit and accounts ..	54	31	85
Total ..	1,960	220	2,180
Grand Total ..	27,539	220	27,759

ADMINISTRATIVE ACCOUNTS FOR THE YEAR 1923-24.

MADRAS PRESIDENCY

PONNALUR TANK—*Tank Project*—cont.

No. 6.—Statement comparing Charges to date with Sanctioned Estimates.

Particulars.	CHARGES AGAINST CLOSED SANCTIONS.			CURRENT SANCTIONS.			Total charges to date against old and current sanctions.	REMARKS.	
	Expenditure against construction estimate.	Expenditure against open canal sanction.	Total.	Charges to date.	Amount of sanctioned estimate.	Unspent balance of estimate.		G.O. No. and date.	Amount of estimate.
Direct charges.	RS.	RS.	RS.		RS.	RS.	RS.		RS.
Works ..	1,30,349	20,544	1,50,893	..	1,440	1,440	1,59,893		
Establishment ..	27,013	4,057	31,070	..	360	360	31,070		
Tools and plant ..	..	34	34	..	29	29	34		
Suspense account ..	..	..	..	..	..	..	..		
Total ..	1,66,362	24,635	1,90,997	..	1,829	1,829	1,90,997		
Less—Receipts on Capital account ..	..	..	..	..	..	..	..		
Net Total ..	1,66,362	24,635	1,90,997	..	1,829	1,829	1,90,997		
Indirect charges.									
Capitalized abatement of land revenue ..	21,230	..	21,230	..	..	..	21,230		
Leave and pension allowances ..	3,781	568	4,349	..	..	..	4,349		
Total ..	25,011	568	25,579	..	..	..	25,579		
Grand Total ..	1,91,373	25,203	2,16,576	..	1,829	1,829	2,16,576		

ANAMASAMUDRAM-BERAPERU TANK—*Tank Project*.

No. 2.—Capital Account for and to end of 1923-1924.

Heads of account.	DIRECT CHARGES.			Cost of construction as now estimated (construction estimate closed on 31st March 1910).	Expenditure against closed estimate.
	Previous.	1923-1924.	Total.		
I. WORKS—	RS.		RS.	RS.	RS.
(2) Main Canals and Branches—					
B. Land ..	110	..	110	110	110
C. Works ..	6,282	..	6,282	6,282	6,282
F. River and hill torrent works ..	2,081	..	2,081	2,081	2,081
E. (1) Other cross drainage works ..	3,311	..	3,311	3,311	3,311
L. Earthwork ..	46,528	..	46,528	46,528	46,528
O. Miscellaneous ..	109	..	109	109	109
Total ..	58,421	..	58,421	58,421	58,421
Provision for unforeseen works ..	..	..	..	..	..
Total, Works ..	58,421	..	58,421	58,421	58,421
II. ESTABLISHMENT ..	13,266	..	13,266	13,266	13,266
III. TOOLS AND PLANT ..	..	..	..	..	..
Grand Total ..	71,687	..	71,687	71,687	71,687
V. Less—RECEIPTS ON CAPITAL ACCOUNT ..	..	..	..	..	..
(a) Net Total ..	71,687	..	71,687	71,687	71,687

(a) Chargeable to "43. Minor Works and Navigation—Provincial."

IRRIGATION BRANCH.

YERUR TANK—Tank Project—cont.

No. 3.—Revenue Account for and to end of 1923-1924.

Receipts.	TOTAL.			Charges.	Total.		
	Previous.	1923-1924.	Total.		Previous.	1923-1924.	Total.
	RS.	RS.	RS.		RS.	RS.	RS.
I. DIRECT RECEIPTS—				I. EXTENSIONS AND IMPROVEMENTS—			
6. Receipts from other canal produce ..	..	..	..	(1) Head works	..	..	..
9. Rents of buildings ..	..	..	..	(2) Main canals and branches ..	..	..	..
11. Miscellaneous ..	..	..	..	(3) Distributaries	..	..	..
				(4) Drainage and protective works ..	..	..	..
				(5) Special tools and plant ..	..	..	..
Total, Revenue realized in Public Works Department ..	..	..	..	Total ..	..	..	..
Irrigation Revenue realized in Civil Department ..	31,650	146	31,796	II. MAINTENANCE AND REPAIRS—			
				(1) Head works	13,125	..	13,125
Total, Direct Receipts ..	31,650	146	31,796	(2) Main canals and branches ..	..	..	..
				(3) Distributaries	..	..	..
				(4) Drainage and protective works ..	..	..	..
				(5) Special tools and plant ..	..	..	..
II. INDIRECT RECEIPTS—				Add—Unclassifiable outlay ..	..	..	..
Share of land revenue collected in the Civil Department ..	617	64	681	Total ..	13,125	..	13,125
Total, Public Works and Civil Departments, Revenue ..	32,267	210	32,477	IV. ESTABLISHMENT	2,320	..	2,320
				V. TOOLS AND PLANT	58	..	58
				VI. REFUNDS OF REVENUE ..	..	..	..
				Total, Direct Charges ..	15,503	..	15,503
				Share of collection charges in the Civil Department ..	1,615	10	1,625
				Indirect charges	325	..	325
				Total, Direct and Indirect Charges ..	17,443	10	17,453
				Balance, net revenue	14,824	200	15,024
Total, Receipts ..	32,267	210	32,477	Grand Total ..	32,267	210	32,477

No. 4.—Interest Account for and to end of 1923-1924.

	Amount.		Amount.
	RS.		RS.
Total interest charges to end of 1922-1923 ..	38,812	Net revenue realized to end of 1922-1923 ..	14,824
Total interest charges for the year 1923-1924 ..	2,053	Net revenue realized during 1923-1924 ..	200
Balance, net revenue ..	..	Balance, net interest charges ..	25,841
Total ..	40,865	Total ..	40,865

No. 5.—Account of Indirect Charges for and to end of 1923-1924.

Particulars.	Previous.	1923-1924.	Total.
CAPITAL—			
Leave and pension allowances	RS. 1,612	..	RS. 1,612
Total ..	1,612	..	1,612
REVENUE—			
Leave and pension allowances	325	..	325
Total ..	325	..	325
Grand Total ..	1,937	..	1,937

YERUR TANK—Tank Project—cont.

No. 6.—Statement comparing Charges to date with Sanctioned Estimates.

Particulars.	CHARGES AGAINST CLOSED SANCTIONS.			CURRENT SANCTIONS.			Total charges to date against old and current sanctions.	REMARKS.	
	Expenditure against construction estimate.	Expenditure against open canal sanction.	Total.	Charges to date.	Amount of sanctioned estimate.	Unspent balance of estimate.		G.O. No. and date.	Amount of estimate.
<i>Direct Charges.</i>	RS.	RS.	RS.				RS.		
Works	48,303	1,916	50,219	..	..	..	50,219		
Establishment	11,110	412	11,522	..	..	..	11,522		
Tools and plant	..	..	..	..	..	..	..		
Suspense account	..	..	..	..	..	..	..		
Total ..	59,413	2,328	61,741	..	..	..	61,741		
Less—Receipts on capital account	..	..	..	..	..	..	..		
Net Total ..	59,413	2,328	61,741	..	..	..	61,741		
<i>Indirect Charges.</i>									
Capitalized abatement of land revenue	..	..	..	..	..	..	..		
Leave and pension allowances	1,555	57	1,612	..	..	..	1,612		
Total ..	1,555	57	1,612	..	..	..	1,612		
Grand Total ..	60,968	2,385	63,353	..	..	..	63,353		

VANULA TANK—Tank Project.

No. 2.—Capital Account for and to end of 1923-1924.

Heads of account	DIRECT CHARGES.			Cost of construction as now estimated (construction estimate closed on 31st March 1905).	Expenditure against closed estimate.
	Previous.	1923-1924.	Total.		
I. WORKS—	RS.		RS.	RS.	RS.
(1) <i>Head Works—</i>					
B. Land	2,153	..	2,153	2,153	2,153
C. Works	4,218	..	4,218	4,218	4,218
K. Buildings	..	..	..	..	..
L. Earthwork	42,903	..	42,903	42,903	42,903
O. Miscellaneous	281	..	281	281	281
Total ..	49,555	..	49,555	49,555	49,555
(3) <i>Distributaries—</i>					
B. Land	..	..	..	..	..
C. Works	89	..	89	89	89
L. Earthwork	1,317	..	1,317	1,317	1,317
O. Miscellaneous	..	..	..	..	..
Total ..	1,406	..	1,406	1,406	1,406
Provision for unforeseen works ..	..	..	..	..	..
Total, Works ..	50,961	..	50,961	50,961	50,961
II. ESTABLISHMENT	11,225	..	11,225	11,225	11,225
III. TOOLS AND PLANT..	..	..	..	..	..
Grand Total ..	62,186	..	62,186	62,186	62,186
V. LESS—RECEIPTS ON CAPITAL ACCOUNT ..	..	..	..	..	..
(a) Net Total ..	62,186	..	62,186	62,186	62,186

(a) Chargeable to "43. Minor Works and Navigation—Provincial."

IRRIGATION BRANCH.

PUBLIC WORKS DEPARTMENT.

VAMULA TANK—Tank Project—cont.

No. 3.—Revenue Account for and to end of 1923-1924.

Receipts.	TOTAL.			Charges.	TOTAL.		
	Previous.	1923-1924.	Total.		Previous.	1923-1924.	Total.
	Rs.		Rs.		Rs.		Rs.
DIRECT RECEIPTS—				I. EXTENSIONS AND IMPROVEMENTS—			
6. Receipts from other canal produce ..	..	..	..	(1) Head works	..	..	..
9. Rents of buildings. ..	..	..	..	(2) Main canals and branches ..	303	..	303
11. Miscellaneous ..	..	..	..	(3) Distributaries	148	..	148
				(4) Drainage and protective works ..	..	..	..
				(5) Special tools and plant ..	..	..	..
Total, Revenue realized in Public Works Department ..	..	..	..	Total ..	454	..	454
Irrigation Revenue realized in Civil Department ..	..	..	..	II. MAINTENANCE AND REPAIRS—			
				(1) Head works	..	..	..
Total, Direct Receipts. ..	..	..	..	(2) Main canals and branches ..	..	..	..
II. INDIRECT RECEIPTS—				(3) Distributaries	..	..	..
Share of Land Revenue collected in the Civil Department ..	..	..	..	(4) Drainage and protective works ..	..	..	..
				(5) Special tools and plant ..	..	..	..
Total, Public Works and Civil Departments, Revenue ..	..	..	..	Add—Unclassifiable outlay ..	..	..	..
Net deficit, if any ..	493	..	493	Total ..	..	..	..
				Total, Extensions and Improvements and Maintenance and Repairs ..	454	..	454
				IV. ESTABLISHMENT	34	..	34
				V. TOOLS AND PLANT	..	..	..
				VI. REFUNDS OF REVENUE	..	..	..
				Total, Direct Charges ..	488	..	488
				Share of collection charges in the Civil Department ..	..	..	..
				Indirect Charges	6	..	5
				Total, Direct and Indirect Charges. ..	493	..	493
				Balance, net revenue	..	..	..
Total, Receipts ..	493	..	493	Grand Total ..	493	..	493

No. 4.—Interest Account for and to end of 1923-1924.

	Amount.		Amount.
	Rs.		Rs.
Total interest charges to end of 1922-1923 ..	42,496	Net revenue realized to end of 1922-1923 ..	— 493
Total interest charges for the year 1923-1924 ..	2,068	Net revenue realized during 1923-1924 ..	..
		Balance, net interest charges ..	45,057
Total ..	44,564	Total ..	44,564

No. 5.—Account of Indirect Charges for and to end of 1923-1924.

Particulars.	Previous.	1923-1924.	Total.
CAPITAL—			
Leave and pension allowances	Rs. 1,571	..	Rs. 1,571
Total ..	1,571	..	1,571
REVENUE—			
Leave and pension allowances	5	..	5
Audit and accounts	..	..	..
Total ..	5	..	5
Grand Total ..	1,576	..	1,576

MADRAS PRESIDENCY

ADMINISTRATIVE ACCOUNTS FOR THE YEAR 1923-24.

VAMULA TANK—Tank Project—cont.

No. 6.—Statement comparing Charges to date with Sanctioned Estimates.

Particulars.	CHARGES AGAINST CLOSED SANCTIONS.			CURRENT SANCTIONS.			Total charges to date against old and current sanctions.	REMARKS.	
	Expenditure against construction estimate.	Expenditure against open canal sanction.	Total.	Charges to date.	Amount of sanctioned estimate.	Unspent balance of estimate.		G.O. No. and date.	Amount of estimate.
Direct Charges.	Rs.		Rs.				Rs.		
Works	50,961	..	50,961	..	..	..	50,961		
Establishment	11,225	..	11,225	..	..	..	11,225		
Tools and plant	..	..	..	..	..	..	..		
Suspense account	..	..	..	..	..	..	..		
Total ..	62,186	..	62,186	..	..	..	62,186		
Less—Receipts on Capital Account	..	..	..	..	..	..	..		
Net Total ..	62,186	..	62,186	..	..	..	62,186		
Indirect Charges.									
Capitalized abatement of land revenue	..	..	..	..	..	..	..		
Leave and pension allowances	1,571	..	1,571	..	..	..	1,571		
Total ..	1,571	..	1,571	..	..	..	1,571		
Grand Total ..	63,757	..	63,757	..	..	..	63,757		

SAGILERU SYSTEM—Canal Project.

No. 2.—Capital Account for and to end of 1923-1924.

Heads of account.	DIRECT CHARGES.			Cost of construction as now estimated (construction estimate closed on 31st March 1907).	Expenditure against closed estimate.
	Previous.	1923-1924.	Total.		
I. WORKS—	Rs.		Rs.	Rs.	Rs.
(1) Head Works—					
A. Preliminary expenses	3,855	..	3,855	3,855	3,855
B. Land	1,298	..	1,298	1,298	1,298
C. Works	75,377	..	75,377	75,377	75,377
K. Buildings	10,668	..	10,668	10,668	10,668
O. Miscellaneous	164	..	164	164	164
P. Maintenance	231	..	231	231	231
Total ..	91,523	..	91,523	91,523	91,523
(2) Main Canals and Branches—					
B. Land	2,804	..	2,804	2,804	2,804
D. Regulators	25,785	..	25,785	25,785	25,785
F. (1) Other cross drainage works ..	46,581	..	46,581	46,581	46,581
3. Bridges	23,832	..	23,832	23,832	23,832
II. Escapes	8,062	..	8,062	8,062	8,062
K. Buildings	2,460	..	2,460	2,460	2,460
L. Earthwork	1,22,383	..	1,22,383	1,22,383	1,22,383
N. Tanks and reservoirs	28,388	..	28,388	28,388	28,388
O. Miscellaneous	1,669	..	1,669	1,669	1,669
P. Maintenance	764	..	764	764	764
Total ..	2,62,728	..	2,62,728	2,62,728	2,62,728
(3) Distributaries—					
L. Earthwork	..	..	..	..	..
Total ..	..	..	..	..	..
(5) Special tools and plant	..	..	..	..	..
Provision for unforeseen works ..	..	..	..	..	..
Total, Works ..	3,54,321	..	3,54,321	3,54,321	3,54,321
II. ESTABLISHMENT	80,339	..	80,339	80,339	80,339
III. TOOLS AND PLANT	12,449	..	12,449	12,449	12,449
Grand Total ..	4,47,109	..	4,47,109	4,47,109	4,47,109
V. LESS—RECEIPTS ON CAPITAL ACCOUNT ..	1	..	1	1	1
(a) Net Total ..	4,47,108	..	4,47,108	4,47,108	4,47,108

(a) Chargeable to "43. Minor Works and Navigation—Provincial."

PUBLIC WORKS DEPARTMENT.

MADRAS PRESIDENCY

No. 6.—Statement comparing Charges to date with Sanctioned Estimates.

No. 6.—Statement comparing Charges to date with Sanctions.									
Particulars.	CHARGES AGAINST CLOSED SANCTIONS.			CURRENT SANCTIONS.			Total charges to date against old and current sanctions.	REMARKS.	
	Expenditure against construction estimate.	Expenditure against open canal sanction.	Total.	Charges to date.	Amount of sanctioned estimate.	Unspent balance of estimate.		G.O. No. and date.	Amount of estimate.
<i>Direct Charges.</i>									
Works ..	rs. 3,54,321	..	rs. 3,54,321	..	..	..	rs. 3,54,321		
Establishment ..	80,339	..	80,339	..	..	..	80,339		
Tools and plant ..	12,449	..	12,449	..	..	..	12,449		
Suspense account ..	..	..	..	..	..	..	..		
Total ..	4,47,109	..	4,47,109	..	..	..	4,47,109		
<i>Less—Receipts on capital account.</i>	1	..	1	..	..	..	1		
Net total ..	4,47,108	..	4,47,108	..	..	..	4,47,108		
<i>Indirect Charges.</i>									
Capitalized statement of land revenue.	6,372	..	6,372	..	..	..	6,372		
Leave and pension allowances.	11,247	..	11,247	..	..	..	11,247		
Total ..	17,619	..	17,619	..	..	..	17,619		
Grand Total ..	4,64,727	..	4,64,727	..	..	..	4,64,727		

No. 2.—Capital Account for and to end of 1923-1924.

	"Direct—								Rs.
	Extensions and Improvements ..	..	..	..	..	..	..	..	500
	Maintenance and Repairs ..	..	..	..	..	..	..	..	1,685
	Establishment ..	..	..	..	..	..	..	..	625
	Tools and plant ..	..	..	..	..	..	..	..	18
							Total .	.	2,829
	Indirect ..	..	..	..	..	..	..	..	109
							Total ..	..	2,938

No. 4.—Interest Account for and to end of 1923-1924.

	Amount.		Amount.
	Rs.		Rs.
Total interest charges to end of 1922-23 ..	4,44,863	Net revenue realized to end of 1922-23 ..	— 10,826
Total interest charges for the year 1923-24 ..	14,867	Net revenue realized during 1923-24 ..	— 571
Balance, net revenue	..	Balance, net interest charges	4,71,127
Total ..	4,59,730	Total ..	4,59,730

No. 5.—Account of Indirect Charges for and to end of 1923-1924.

Particulars.	Previous.	1923-1924.	Total.
CAPITAL—			
Capitalization of abatement of land revenue	Rs. 6,372	Rs. ..	Rs. 6,372
Leave and pension allowances	11,247	..	11,247
Total ..	17,619	..	17,619
REVENUE—			
Leave and pension allowances	3,254	92	3,346
Audit and accounts	52	23	75
Total ..	3,306	115	3,421
Grand Total ..	20,925	115	21,040

No. 4.—Interest Account for and to end of 1923-1924.

No. 4.—Interest Account for and to end of 1923-1924.			
Amount.			Amount.
	RS.		RS.
Total interest charges to end of 1922-1923 ..	38,550	Net revenue realized to end of 1922-1923 ..	..
Total interest charges for the year 1923-1924 ..	2,204	Net revenue realized during 1923-1924 ..	..
Balance, net revenue ..	..	Balance, net interest charges ..	40,754
Total ..	40,754	Total ..	40,754

IRRIGATION BRANCH.

PUBLIC WORKS DEPARTMENT.

TALAPULA VANKA TANK—*Tank Project*—cont.

No. 5.—Account of Indirect Charges for and to end of 1923-1924.

Particulars.	Previous.	1923-1924.	Total.
CAPITAL—			
Capitalization of abatement of land revenue	Rs. 972	..	Rs. 972
Leave and pension allowances	1,569	..	1,569
Total ..	2,541	..	2,541
Grand Total ..	2,541	..	2,541

No. 6.—Statement comparing Charges to date with Sanctioned Estimates.

Particulars.	CHARGES AGAINST CLOSED SANCTIONS.			CURRENT SANCTIONS.			Total charges to date against old and current sanctions.	REMARKS.	
	Expenditure against construction estimate.	Expenditure against open canal sanction.	Total.	Charges to date.	Amount of sanctioned estimate.	Unspent balance of estimate.		G.O. No. and date.	Amount of estimate.
Direct Charges.	Rs.		Rs.				Rs.		
Works	54,348	..	54,348	..	..	..	54,348		
Establishment	11,204	..	11,204	..	..	..	11,204		
Tools and plant	731	..	731	..	..	..	731		
Suspense account	..	..	..	..	..	..	..		
Total ..	66,283	..	66,283	..	..	..	66,283		
Less—Receipts on Capital Account ..	..	..	..	..	..	..	..		
Net Total ..	66,283	..	66,283	..	..	..	66,283		
Indirect Charges.									
Capitalized abatement of land revenue	972	..	972	..	..	..	972		
Leave and pension allowances	1,569	..	1,569	..	..	..	1,569		
Total ..	2,541	..	2,541	..	..	..	2,541		
Grand Total ..	68,824	..	68,824	..	..	..	68,824		

CUMBUM TANK—*Tank Project*.

No. 2.—Capital Account for and to end of 1923-1924.

Heads of account.	DIRECT CHARGES.			Cost of construction as now estimated (construction estimate closed on 31st March 1896).	Expenditure against closed estimate.
	Previous.	1923-1924.	Total.		
I. WORKS—	Rs.		Rs.	Rs.	Rs.
(2) Main Canals and Branches—					
L. Earthwork	27,401	..	27,401	27,401	27,401
N. Tanks and reservoirs	9,913	..	9,913	9,913	9,913
Total ..	37,314	..	37,314	37,314	37,314
(3) Distributaries—					
B. Land	1,136	..	1,136	1,136	1,136
C. Works	26,713	..	26,713	26,713	26,713
L. Earthwork	3,051	..	3,051	3,051	3,051
O. Miscellaneous	487	..	487	487	487
Total ..	31,887	..	31,887	31,887	31,887
(5) Special tools and plant—					
Total, Works ..	68,701	..	68,701	68,701	68,701
II. ESTABLISHMENT	15,284	..	15,284	15,284	15,284
III. TOOLS AND PLANT	..	..	..	..	..
Grand Total ..	83,985	..	83,985	83,985	83,985
V. Less—RECEIPTS ON CAPITAL ACCOUNT ..	..	..	..	..	..
(a) Net Total ..	83,985	..	83,985	83,985	83,985

(a) Chargeable to "43. Minor Works and Navigation—Provincial."

ADMINISTRATIVE ACCOUNTS FOR THE YEAR 1923-24.

MADRAS PRESIDENCY

CUMBUM TANK—*Tank Project*—cont.

No. 3.—Revenue Accounts for and to end of 1923-1924.

Receipts.	TOTAL.			Charges.	TOTAL.		
	Previous.	1923-1924.	Total.		Previous.	1923-1924.	Total.
I. DIRECT RECEIPTS—	Rs.	Rs.	Rs.	I. EXTENSIONS AND IMPROVEMENTS—	Rs.	Rs.	Rs.
6. Other canal produce ..	111	..	111	(1) Head works	418	..	418
11. Miscellaneous	11	..	11	(2) Main canals and branches ..	1,933	..	1,933
Total, Revenue realized in Public Works Department ..	122	..	122	(3) Distributaries	5,862	312	6,174
Irrigation Revenue realized in Civil Department ..	2,51,601	9,542	2,61,143	(4) Drainage and protective works ..	..	..	..
Total, Direct Receipts ..	2,51,723	9,542	2,61,265	(5) Special tools and plant ..	7,186	..	7,186
II. INDIRECT RECEIPTS—				Add—Unclassifiable outlay ..	..	..	..
Share of Land Revenue collected in the Civil Department ..	21,862	461	22,323	Total ..	15,599	312	15,711
Total, Public Works and Civil Departments, Revenue ..	2,73,585	10,003	2,83,588	II. MAINTENANCE AND REPAIRS—			
				(1) Head works	1,904	576	2,480
				(2) Main canals and branches ..	24,933	421	25,354
				(3) Distributaries	22,114	..	22,114
				(4) Drainage and protective works ..	1,047	..	1,047
				(5) Special tools and plant ..	24,128	..	24,128
				Add—Unclassifiable outlay ..	..	..	..
				Total ..	74,126	997	75,123
				Total, Extensions and Improvements and Maintenance and Repairs ..	89,525	13,09	90,834
				IV. ESTABLISHMENT	26,254	375	26,629
				V. TOOLS AND PLANT	779	10	789
				VI. REFUNDS OF REVENUE	..	..	..
				Total, Direct Charges ..	1,16,558	1,694	1,18,252
				Share of collection charges in the Civil department	13,673	500	14,173
				Indirect charges	6,464	66	6,530
				Total, Direct and Indirect Charges ..	1,36,695	2,260	1,38,955
				(a) Deduct—Old maintenance charges saved to Government ..	25,718	1,066	26,784
				Net Total ..	1,10,977	1,194	1,12,171
				Balance, net revenue	1,62,608	8,809	1,71,417
Total, Receipts ..	2,73,585	10,003	2,83,588	Grand Total ..	2,73,585	10,003	2,83,588

(a) Extensions and Improvements	Rs. 793
Maintenance and Repairs	227
Establishment	6
Tools and plant	..
Total, Direct charges ..	1,026
Indirect charges	40
Grand Total ..	1,066

No. 4.—Interest Account for and to end of 1923-1924.

	Amount.		Amount.
Total interest charges to end of 1922-1923 ..	Rs. 1,01,838	Net revenue realized to end of 1922-1923 ..	Rs. 1,02,608
Total interest charges for the year 1923-1924 ..	2,793	Net revenue realized during 1923-1924 ..	8,809
Balance, net revenue	63,786		
Total ..	1,71,417	Total ..	1,71,417

No. 5.—Account of Indirect Charges for and to end of 1923-1924.

Particulars.	Previous.	1923-1924.	Total.
CAPITAL—	Rs.	Rs.	Rs.
Capitalization of abatement of Land Revenue ..	206	..	206
Leave and pension allowances	2,182	..	2,182
Total ..	2,388	..	2,388
REVENUE—			
Capitalization of abatement of Land Revenue ..	2,764	..	2,764
Leave and pension allowances	3,676	53	3,729
Audit and account	24	13	37
Total ..	6,464	66	6,530
Grand Total ..	8,852	66	8,918

IRRIGATION BRANCH.

PUBLIC WORKS DEPARTMENT.

CUMBUM TANK—Tank Project—cont.

No. 6.—Statement comparing Charges to date with Sanctioned Estimates.

Particulars.	CHARGES AGAINST CLOSED SANCTIONS.			CURRENT SANCTIONS.			Total charges to date against old and current sanctions.	REMARKS.	
	Expenditure against construction estimate.	Expenditure against open canal sanction.	Total.	Charges to date.	Amount of sanctioned estimate.	Unspent balance of estimate.		G.O. No. and date.	Amount of estimate.
<i>Direct Charges:</i>	RS.	RS.	RS.				RS.		
Works ..	37,314	31,387	68,701	..	..	..	68,701		
Establishment ..	8,495	6,789	15,284	..	..	..	15,284		
Tools and plant ..	..	..	..	..	..	..	..		
Suspense account ..	..	..	..	..	..	..	..		
Total ..	45,809	38,176	83,985	..	..	..	83,985		
Less—Receipts on Capital account ..	..	..	..	..	..	..	..		
Net Total ..	45,809	38,176	83,985	..	..	..	83,985		
<i>Indirect Charges.</i>									
Capitalized abatement of land revenue ..	..	206	206	..	..	..	206		
Leave and pension allowances ..	1,232	950	2,182	..	..	..	2,182		
Total ..	1,232	1,156	2,388	..	..	..	2,388		
Grand Total ..	47,041	39,332	86,373	..	..	..	86,373		

MARKAPUR TANK PROJECT—Tank Project.

No. 2.—Capital Account for and to end of 1923-1924.

Heads of account.	DIRECT CHARGES.			Cost of construction as now estimated. Construction estimate closed on 31st March 1911.	Expenditure against closed estimate.
	Previous.	1923-1924.	Total.		
I. WORKS—	RS.		RS.	RS.	RS.
(1) Head Works—					
B. Land ..	163	..	163	163	163
C. Works ..	41,177	..	41,177	41,177	41,177
K. Buildings ..	..	..	..	..	..
L. Earthwork ..	..	..	..	..	..
O. Miscellaneous ..	..	..	..	..	..
Total ..	41,340	..	41,340	41,340	41,340
(2) Main Canals and Branches—					
B. Land ..	2,499	..	2,499	2,499	2,499
C. Works ..	8,949	..	8,949	16,687	8,949
E. River and hill torrent works ..	..	..	..	..	..
F. (1) Other cross drainage works ..	..	..	..	..	..
K. Buildings ..	887	..	887	887	887
L. Earthwork ..	41,540	..	41,540	41,540	41,540
O. Miscellaneous ..	277	..	277	277	277
Total ..	54,152	..	54,152	61,770	54,152
Provision for unforeseen works ..	..	..	..	..	..
Total, Works ..	95,492	..	95,492	1,03,110	95,492
II. ESTABLISHMENT ..	21,165	..	21,165	23,070	21,165
III. TOOLS AND PLANT ..	..	..	..	152	..
Grand Total ..	1,16,657	..	1,16,657	1,26,332	1,16,657
V. Less—RECEIPTS ON CAPITAL ACCOUNT ..	..	..	..	..	..
Net Total ..	1,16,657	..	1,16,657	1,26,332	1,16,657

* Chargeable to "43. Minor Works and Navigation—Provincial."

ADMINISTRATIVE ACCOUNTS FOR THE YEAR 1923-24.

MADRAS PRESIDENCY

MARKAPUR TANK PROJECT—Tank Project.

No. 3.—Revenue Account for and to end of 1923-1924.

Receipts.	TOTAL.			Charges.	TOTAL.		
	Previous.	1923-1924.	Total.		Previous.	1923-1924.	Total.
I. DIRECT RECEIPTS—	RS.	RS.	RS.	I. EXTENSIONS AND IMPROVEMENTS—	RS.	RS.	RS.
5. Receipts from plantations ..	..	..	..	(1) Head works ..	665	..	665
6. Receipts from other canal produce ..	71	24	95	(2) Main canals and branches ..	3,325	..	3,325
11. Miscellaneous ..	233	..	233	(3) Distributaries ..	23	..	23
Total, Revenue realized in Public Works Department ..	304	24	328	(4) Drainage and protective works ..	..	..	..
Irrigation Revenue realized in Civil Department ..	54,431	4,270	58,701	(5) Special tools and plant ..	..	..	..
Total, Direct Receipts ..	54,735	4,294	59,029	Total ..	4,013	..	4,013
II. INDIRECT RECEIPTS—				II. MAINTENANCE AND REPAIRS—			
Share of Land Revenue collected in the Civil Department ..	11	1	12	(1) Head works ..	8,217	..	8,217
Total, Public Works and Civil Departments, Revenue ..	54,746	4,295	59,041	(2) Main canals and branches ..	7,494	1,555	9,050
				(3) Distributaries ..	1,009	40	1,049
				(4) Drainage and protective works ..	..	..	..
				(5) Special tools and plant ..	..	..	..
				Add—Unclassifiable outlay ..	..	..	..
				Total ..	16,720	1,596	18,316
				Total, Extensions and Improvements and Maintenance and Repairs ..	20,733	1,596	22,329
				IV. ESTABLISHMENT ..	9,114	457	9,571
				V. TOOLS AND PLANT ..	13	13	106
				VI. REFUNDS OF REVENUE ..	..	..	..
				Total, Direct Charges ..	29,940	2,036	32,006
				Share of collection charges in the Civil Department ..	2,720	214	2,934
				Indirect Charges ..	1,304	80	1,384
				Total, Direct and Indirect Charges ..	33,964	2,300	36,324
				Deduct—Old maintenance charges saved to Government ..	2,922	326	3,248
				Net Total ..	31,042	2,034	33,076
				Balance, net revenue ..	23,704	2,261	25,965
Total, Receipts ..	54,746	4,295	59,041	Grand Total ..	54,746	4,295	59,041

* Direct—	RS.
Extensions and improvements ..	29
Maintenance and repairs ..	213
Establishment ..	69
Tools and plant ..	2
Total ..	313
Indirect ..	13
Total ..	326

No. 4.—Interest Account for and to end of 1923-1924.

	Amount.		Amount.
Total interest charges to end of 1922-1923 ..	RS. 59,142	Net revenue realized to end of 1922-1923 ..	RS. 23,704
Total interest charges for the year 1923-1924 ..	5,379	Net revenue realized during 1923-1924 ..	2,261
Balance, net revenue ..	..	Balance, net interest charges ..	37,056
Total ..	63,021	Total ..	63,021

No. 5.—Account of Indirect Charges for and to end of 1923-1924

Particulars.	Previous.	1923-1924.	Total.
CAPITAL—	RS.	RS.	RS.
Capitalization of abatement of land revenue ..	1,038	..	1,038
Leave and pension allowances ..	2,963	..	2,963
Total ..	4,001	..	4,001
REVENUE—			
Leave and pension allowances ..	1,275	61	1,339
Audit and accounts ..	29	16	45
Total ..	1,304	80	1,384
Grand Total ..	5,305	80	5,385

IRRIGATION BRANCH.

PUBLIC WORKS DEPARTMENT.

MARKAPUR TANK PROJECT—Tank Project.

No. 6.—Statement comparing Charges to date with Sanctioned Estimates.

Particulars.	CHARGES AGAINST CLOSED SANCTIONS.			CURRENT SANCTIONS.			Total charges to date against old and current sanctions.	REMARKS.	
	Expenditure against construction estimate.	Expenditure against open canal sanction.	Total.	Charges to date.	Amount of sanctioned estimate.	Unspent balance of estimate.		G.O. No. and Date.	Amount of estimate.
<i>Direct Charges.</i>	RS.	RS.	RS.		RS.	RS.	RS.		RS.
Works ..	94,107	1,385	95,492	..	7,618	7,618	95,492		
Establishment ..	20,846	319	21,165	..	1,905	1,905	21,165		
Tools and plant ..	..	..	..	..	152	152	..		
Suspense account ..	..	..	..	..	..	..	..		
Total ..	1,14,953	1,704	1,16,657	..	9,675	9,675	1,16,657	Mis. 89 L. 24th Mar. 1923.	7,618
<i>Less—Receipts on Capital account ..</i>	..	..	..	..	..	..	..		
Net Total ..	1,14,953	1,704	1,16,657	..	..	..	1,16,657		
<i>Indirect Charges.</i>									
Capitalized abatement of land revenue ..	..	1,038	1,038	..	..	..	1,038		
Leave and pension allowances ..	2,918	45	2,963	..	..	..	2,963		
Total ..	2,918	1,083	4,001	..	..	..	4,001		
Grand Total ..	1,17,871	2,787	1,20,658	..	9,675	9,675	1,20,658		

YELLANUR TANK PROJECT—Tank Project.

No. 2.—Capital Account for and to end of 1923-1924.

Heads of account.	DIRECT CHARGES.			Cost of construction as now estimated.	Expenditure against closed estimate.
	Previous.	1922-1923.	Total.		
<i>I. WORKS—</i>	RS.		RS.	RS.	
(1) <i>Head Works—</i>					
B. Land ..	13,755	..	13,755	13,755	..
C. Works ..	19,102	..	19,102	18,778	..
L. Earthwork ..	1,40,087	..	1,40,087	1,40,145	..
O. Miscellaneous ..	11,085	..	11,085	12,710	..
Total ..	1,84,029	..	1,84,029	1,85,388	..
(3) <i>Distributaries—</i>					
B. Land ..	1,017	..	1,017	695	..
C. Works ..	4,836	..	4,836	2,601	..
L. Earthwork ..	1,410	..	1,410	2,014	..
O. Miscellaneous ..	..	..	..	..	..
Total ..	7,263	..	7,263	5,310	..
(5) <i>Special tools and plant.</i>	..	..	..	..	..
Provision for unforeseen works ..	..	..	..	..	..
Total Works ..	1,91,292	..	1,91,292	1,90,698	..
II. ESTABLISHMENT ..	41,156	..	41,156	37,893	..
III. TOOLS AND PLANT ..	7,087	..	7,087	7,120	..
Grand Total ..	2,39,535	..	2,39,535	2,35,711	..
V. <i>Less—RECEIPTS ON CAPITAL ACCOUNT</i> ..	343	..	343	..	..
Net Total * ..	2,39,192	..	2,39,192	2,35,711	..

* Chargeable to "43. Minor Works and Navigation—Provincial."

ADMINISTRATIVE ACCOUNTS FOR THE YEAR 1923-24.

MADRAS PRESIDENCY

YELLANUR TANK PROJECT—Tank Project.

No. 3.—Revenue Account for and to end of 1923-1924.

Receipts.	TOTAL.			Charges.	TOTAL.		
	Previous.	1923-1924.	Total.		Previous.	1923-1924.	Total.
	RS.	RS.	RS.		RS.	RS.	RS.
<i>DIRECT RECEIPTS—</i>				<i>I. EXTENSIONS AND IMPROVEMENTS—</i>			
6. Receipts from other canal produce ..	..	..	..	(1) Head works ..	..	..	..
9. Rents of buildings ..	..	..	..	(2) Main canals and branches ..	..	..	..
11. Miscellaneous ..	..	..	..	(3) Distributaries ..	19	..	19
				(4) Drainage and protective works ..	..	..	..
				(5) Special tools and plant ..	..	..	..
				Total ..	19	..	19
				<i>II. MAINTENANCE AND REPAIRS—</i>			
Total, Revenue realized in Public Works Department ..	..	..	..	(1) Head works ..	150	1,130	1,280
Irrigation Revenue realized in Civil Department ..	8,387	1,988	10,375	(2) Main canals and branches ..	140	..	140
				(3) Distributaries ..	242	..	242
				(4) Drainage and protective works ..	27	..	27
				(5) Special tools and plant ..	..	..	..
				Add—Unclassifiable outlay ..	..	..	..
				Total ..	559	1,130	1,689
				Total, Extensions and Improvements and Maintenance and Repairs ..	578	1,130	1,708
Total, Direct Receipts ..	8,387	1,988	10,375	<i>IV. ESTABLISHMENT</i> ..	438	321	762
<i>II. INDIRECT RECEIPTS—</i>				<i>V. TOOLS AND PLANT</i> ..	6	9	15
Share of land revenue collected in the Civil Department ..	589	481	1,069	<i>VI. REFUNDS OF REVENUE</i> ..	..	..	..
				Total, Direct Charges ..	1,022	1,463	2,485
Total, Public Works and Civil Departments, Revenue ..	8,975	2,469	11,444	Share of collection charges in the Civil department ..	419	99	518
				Indirect charges ..	63	56	119
				Total, Direct and Indirect Charges ..	1,504	1,618	3,122
				* Deduct—			
				Old maintenance charges saved to Government ..	..	..	..
				Net total ..	1,504	1,618	3,122
				Balance, net revenue ..	7,471	851	8,322
Total, Receipts ..	8,975	2,469	11,444	Grand Total ..	8,975	2,469	11,444

No. 4.—Interest Account for and to end of 1923-1924.

	Amount.		Amount.
	RS.		RS.
Total interest charges to end of 1922-1923 ..	92,998	Net revenue realized to end of 1922-1923 ..	7,471
Total interest charges for the year 1923-1924 ..	8,883	Net revenue realized during 1923-1924 ..	851
		Balance, net interest charges ..	93,059
Total ..	1,01,381	Total ..	1,01,381

YELLANUR TANK PROJECT—Tank Project.

No. 5.—Account of Indirect Charges for and to end of 1923-1924.

Particulars.	Previous.	1923-1924.	Total.
<i>CAPITAL—</i>	RS.	RS.	RS.
Capitalization of abatement of land revenue ..	24,753	..	24,753
Leave and pension allowances ..	5,762	..	5,762
Total ..	30,515	..	30,515
<i>REVENUE—</i>			
Leave and pension allowances ..	62	45	107
Audit and account ..	1	11	12
Total ..	63	56	119
Grand Total ..	30,578	56	30,634

IRRIGATION BRANCH.

PUBLIC WORKS DEPARTMENT.

No. 6.—Statement comparing Charges to date with Sanctioned Estimates.

Particulars.	CHARGES AGAINST CLOSED SANCTIONS.			CURRENT SANCTIONS.			Total charges to date against old and current sanctions.	REMARKS.	
	Expenditure against construction estimate.	Expenditure against open canal sanction.	Total.	Charges to date.	Amount of sanctioned estimate.	Unspent balance of estimate.		G.O. No. and date.	Amount of estimate.
<i>Direct Charges.</i>				RS.	RS.	RS.	RS.	<i>Direct.</i>	RS.
Works	..	..	..	1,91,292	1,90,698	— 594	1,91,292	25 I., 16th Jan. 1918.	1,90,698
Establishment	..	..	..	41,156	37,893	— 3,263	41,156		
Tools and plant	..	..	..	7,087	7,120	33	7,087		
Suspense account	..	..	..	..	..	..	..		
Total	..	..	..	2,39,535	2,35,711	— 3,824	2,39,535		
Less—Receipts on Capital account	..	..	..	343	..	— 343	343		
Net Total	..	..	..	2,39,192	2,35,711	— 3,481	2,39,192		
<i>Indirect Charges.</i>								<i>Indirect.</i>	
Capitalized abatement of land revenue	..	..	..	24,753	24,784	31	24,753	25 I., 16th Jan. 1918.	30,089
Leave and pension allowances	..	..	..	5,762	5,305	— 457	5,762		
Total	..	..	..	30,515	30,089	— 426	30,515		
Grand Total	..	..	..	2,69,707	2,65,800	— 3,907	2,69,707		

KOCHERUVU TANK PROJECT—Tank Project.

No. 2.—Capital Account for and to end of 1923-1924.

Heads of account.	DIRECT CHARGES.			Cost of construction as now estimated, construction estimate closed on 31st March 1919.	Expenditure against closed estimate.
	Previous.	1923-1924.	Total.		
<i>I. WORKS—</i>	RS.		RS.	RS.	RS.
(1) <i>Head Works—</i>					
B. Land	9,714	..	9,714	9,714	9,714
C. Works	39,331	..	39,331	39,331	39,331
K. Buildings	1,238	..	1,238	1,238	1,238
L. Earthwork	42,981	..	42,981	42,981	42,981
O. Miscellaneous	17	..	17	17	17
P. Maintenance	..	..	..	..	..
Total	93,281	..	93,281	93,281	93,281
(2) <i>Main Canals and Branches—</i>					
B. Land	..	..	..	..	..
C. Works	..	..	..	..	..
D. Regulators	2,339	..	2,339	2,339	2,339
L. Earthwork	5,826	..	5,826	5,826	5,826
O. Miscellaneous	15	..	15	15	15
Total	8,180	..	8,180	8,180	8,180
(3) <i>Special tools and plant</i>					
Provision for unforeseen works	..	..	..	..	..
Total, Works	1,01,461	..	1,01,461	1,01,461	1,01,461
II. ESTABLISHMENT	22,158	..	22,158	22,158	22,158
III. TOOLS AND PLANT	1,046	..	1,046	1,046	1,046
Grand Total	1,24,665	..	1,24,665	1,24,665	1,24,665
V. Less—Receipts on Capital account	60	..	60	60	60
Net Total	1,24,605	..	1,24,605	1,24,605	1,24,605

* Chargeable to "43. Minor Works and Navigation—Provincial."

ADMINISTRATIVE ACCOUNTS FOR THE YEAR 1923-24.

MADRAS PRESIDENCY

KOCHERUVU TANK PROJECT—Tank Project.

No. 3.—Revenue Account for and to end of 1923-1924.

Receipts.	TOTAL.			Charges.	TOTAL.		
	Previous.	1923-1924.	Total.		Previous.	1923-1924.	Total.
	RS.	RS.	RS.		RS.	RS.	RS.
<i>DIRECT RECEIPTS—</i>				<i>I. EXTENSIONS AND IMPROVEMENTS—</i>			
6. Receipts from other canal produce	..	..	..	(1) Head works	101	..	101
9. Rents of buildings.	..	..	..	(2) Main canals and branches	..	..	..
11. Miscellaneous	21	..	21	(3) Distributaries	603	115	718
Total, Revenue realized in Public Works Department	21	..	21	(4) Drainage and protective works	..	..	..
Irrigation Revenue realized in Civil Department	—524	—298	—822	(5) Special tools and plant	..	..	..
Total, Direct Receipts	—503	—298	—801	Total	704	115	819
<i>II. INDIRECT RECEIPTS—</i>				<i>II. MAINTENANCE AND REPAIRS—</i>			
Share of Land Revenue collected in the Civil Department	..	..	..	(1) Head works	4,690	..	4,690
Total, Public Works and Civil Departments, Revenue	—503	—298	—801	(2) Main canals and branches	..	479	479
Net deficit, if any	10,622	1,082	11,704	(3) Distributaries	..	..	..
				(4) Drainage and protective works	..	..	..
				(5) Special tools and plant	..	..	..
				Add—Unclassifiable outlay	..	..	..
				Total	4,690	479	5,169
				Total, Extensions and Improvements and Maintenance and Repairs	5,394	594	5,988
				IV. ESTABLISHMENT	4,101	170	4,271
				V. TOOLS AND PLANT	59	5	64
				VI. REFUNDS OF REVENUE	4	..	4
				Total, Direct Charges	9,558	769	10,327
				Share of collection charges in the Civil Department	—26	—15	—41
				Indirect charges	587	30	617
				Total, Direct and Indirect Charges	10,119	784	10,903
				Balance, net revenue	..	..	..
Total, Receipts	10,119	784	10,903	Grand Total	10,119	784	10,903

No. 4.—Interest Account for and to end of 1923-1924.

	Amount.		Amount.
Total interest charges to end of 1922-1923	RS. 45,988	Net revenue realized to end of 1922-1923	RS. — 10,622
Total interest charges for the year 1923-1924	4,352	Net revenue realized during 1923-1924	— 1,082
Balance, net revenue	..	Balance, net interest charges	62,044
Total	50,340	Total	50,340

IRRIGATION BRANCH.

PUBLIC WORKS DEPARTMENT.

KOCHERUVU TANK PROJECT—*Tank Project.*

No. 5.—Account of Indirect Charges for and to end of 1923-1924.

Particulars.	Previous.	1923-1924.	Total.
CAPITAL—	Rs.	Rs.	Rs.
Capitalization of abatement of land revenue ...	8,027	...	8,027
Leave and pension allowances ...	3,102	...	3,102
Audit and accounts ...	...	...	...
Total ...	11,129	...	11,129
REVENUE—			
Leave and pension allowances ...	573	24	597
Audit and accounts ...	14	6	20
Total ...	587	30	617
Grand total ...	11,716	30	11,746

No. 6.—Statement comparing Charges to date with Sanctioned Estimates.

Particulars.	CHARGES AGAINST CLOSED SANCTIONS.			CURRENT SANCTIONS.			Total charges to date against old and current sanctions.	REMARKS.	
	Expenditure against construction estimate.	Expenditure against open canal sanction.	Total.	Charges to date.	Amount of sanctioned estimate.	Unspent balance of estimate.		G.O. No. and date.	Amount of estimate.
Direct Charges.	Rs.		Rs.				Rs.		
Works ...	1,01,461	...	1,01,461	...	...	...	1,01,461		
Establishment ...	22,158	...	22,158	...	...	...	22,158		
Tools and plant ...	1,046	...	1,046	...	...	...	1,046		
Suspense account ...	...	...	...	...	...	...	...		
Total ...	1,24,665	...	1,24,665	...	...	...	1,24,665		
Less—Receipts on Capital Account...	60	...	60	...	...	...	60		
Net Total ...	1,24,605	...	1,24,605	...	...	...	1,24,605		
Indirect Charges.									
Capitalized abatement of land revenue ...	8,027	...	8,027	...	...	...	8,027		
Leave and pension allowances ...	3,102	...	3,102	...	...	...	3,102		
Total ...	11,129	...	11,129	...	...	...	11,129		
Grand Total ...	1,35,734	...	1,35,734	...	...	...	1,35,734		

ADMINISTRATIVE ACCOUNTS FOR THE YEAR 1923-24.

MADRAS PRESIDENCY

SIDDAPUR TANK PROJECT—*Tank Project.*

No. 2.—Capital Account for and to end of 1923-1924.

Head of account.	DIRECT CHARGES.			Cost of construction as now estimated (construction estimate closed on 31st October 1919).	Expenditure against closed estimate.
	Previous.	1923-1924.	Total.		
1. WORKS—	Rs.		Rs.	Rs.	Rs.
(1) <i>Head Works—</i>					
A. Preliminary expenses (old outlay) *	6,463	...	6,463	6,463	6,463
C. Works ...	24,847	...	24,847	24,847	24,847
K. Buildings ...	2,393	...	2,393	2,393	2,393
L. Earthwork ...	5,24,277	...	5,24,277	5,24,277	5,24,277
O. Miscellaneous ...	14	...	14	14	14
P. Maintenance ...	2,775	...	2,775	2,775	2,775
Total ...	5,60,769	...	5,60,769	5,60,769	5,60,769
(2) <i>Main Canals and Branches—</i>					
B. Land ...	...	...	...	...	...
D. Regulators ...	...	...	...	...	...
E. Falls and weirs ...	11,950	...	11,950	11,950	11,950
L. Earthwork ...	6,014	...	6,014	6,014	6,014
O. Miscellaneous ...	...	...	...	...	...
Total ...	17,964	...	17,964	17,964	17,964
(3) <i>Distributaries—</i>					
B. Land ...	1,052	...	1,052	1,052	1,052
C. Works ...	...	...	...	...	...
L. Earthwork ...	...	...	...	...	...
O. Miscellaneous ...	...	...	...	...	...
Total ...	1,052	...	1,052	1,052	1,052
(5) <i>Special tools and plant.</i>	— 57,034	...	— 57,034	— 57,034	— 57,034
Provision for unforeseen works ...	...	...	...	...	...
Total works ...	5,22,751	...	5,22,751	5,22,751	5,22,751
II. ESTABLISHMENT ...	96,255	...	96,255	96,255	96,255
III. TOOLS AND PLANT ...	1,72,474	...	1,72,474	1,72,474	1,72,474
Total ...	7,91,480	...	7,91,480	7,91,480	7,91,480
V. <i>Less—RECEIPTS ON CAPITAL ACCOUNT</i> ...	442	...	442	442	442
Net Total ...	7,91,038	...	7,91,038	7,91,038	7,91,038
Chargeable to 35. Protective Irrigation Works ...	5,000	...	5,000	...	...
Chargeable to 43. Minor Works and Navigation—Provincial ...	7,91,775	...	7,91,775	...	...
Chargeable to 55—A. Irrigation Works—2. Unproductive ...	— 5,737	...	— 5,737	...	...
Total ...	7,91,038	...	7,91,038	...	...

* Represents expenditure incurred on preliminary investigation, etc.

IRRIGATION BRANCH.

PUBLIC WORKS DEPARTMENT.

SIDDAPUR TANK PROJECT—Tank Project.

No. 3.—Revenue Account for and to end of 1923-1924

Receipts.	TOTAL.			Charges.	TOTAL.		
	Previous.	1923-1924.	Total.		Previous.	1923-1924.	Total.
I. DIRECT RECEIPTS—	RS.	RS.	RS.	I. EXTENSIONS AND IMPROVEMENTS—	RS.	RS.	RS.
5. Receipts from plantations ..	..	..	..	(1) Head works	..	..	..
6. Receipts from other canal produce ..	..	..	..	(2) Main canals and branches ..	233	..	233
11. Miscellaneous ..	..	..	..	(3) Distributaries	..	..	..
Total, Revenue realized in Public Works Department ..	..	..	..	(4) Drainage and protective works ..	..	..	..
Irrigation Revenue realized in Civil Department ..	916	2,172	3,088	(5) Special tools and plant ..	..	..	..
Total, Direct Receipts ..	916	2,172	3,088	Total ..	233	..	233
II. INDIRECT RECEIPTS—				II. MAINTENANCE AND REPAIRS—			
Share of Land Revenue collected in the Civil Department ..	..	..	..	(1) Head works	2,127	1,363	3,490
Total, Public Works and Civil Departments, Revenue ..	916	2,172	3,088	(2) Main canals and branches ..	171	..	171
Net deficit, if any ..	4,044	-229	3,815	(3) Distributaries	..	..	..
				(4) Drainage and protective works ..	..	..	..
				(5) Special tools and plant ..	..	..	..
				Add—Unclassifiable outlay ..	..	..	..
				Total ..	2,298	1,363	3,661
				Total, Extensions and Improvements and Maintenance and Repairs ..	2,531	1,363	3,894
				IV. ESTABLISHMENT	2,056	391	2,447
				V. TOOLS AND PLANT	28	11	39
				VI. REFUNDS OF REVENUE	..	..	..
				Total, Direct Charges ..	4,615	1,765	6,380
				Share of collection charges in the Civil Department ..	46	109	155
				Indirect Charges	299	69	368
				Total, Direct and Indirect Charges ..	4,960	1,943	6,903
				Balance, net revenue	..	..	..
Total, Receipts ..	4,960	1,943	6,903	Grand Total ..	4,960	1,943	6,903

No. 4.—Interest Account for and to end of 1923-1924.

	Amount.		Amount.
Total interest charges to end of 1922-1923 ..	RS. 2,60,295	Net revenue realized to end of 1922-1923 ..	RS. — 4,044
Total interest charges for the year 1923-1924 ..	26,401	Net revenue realized during 1923-1924 ..	229
		Balance, net interest charges ..	2,90,511
Total ..	2,86,696	Total ..	2,86,696

ADMINISTRATIVE ACCOUNTS FOR THE YEAR 1923-24.

MADRAS PRESIDENCY

SIDDAPUR TANK PROJECT—Tank Project.

No. 5.—Account of Indirect Charges for and to end of 1923-1924.

Particulars.	Previous.	1923-1924.	Total.
CAPITAL—	Rs.	Rs.	Rs.
Capitalization of abatement of land revenue	..	..	..
Leave and pension allowances	13,475	..	13,475
Audit and accounts	— 27	..	— 27
Total ..	13,448	..	13,448
REVENUE—			
Capitalization of abatement of land revenue	..	..	..
Leave and pension allowances	287	55	342
Audit and accounts	12	14	26
Total ..	299	69	368
Grand Total ..	13,747	69	13,816

No. 6.—Statement comparing Charges to date with Sanctioned Estimates.

Particulars.	CHARGES AGAINST CLOSED SANCTIONS.			CURRENT SANCTIONS.			Total charges to date against old and current sanction.	REMARKS.	
	Expenditure against construction estimate.	Expenditure against open canal sanction.	Total.	Charges to date.	Amount of sanctioned estimate.	Unspent balance of estimate.		G.O. No. and date.	Amount of estimate.
Direct Charges.	Rs.	Rs.	Rs.				Rs.		
Works	5,35,737	— 12,986	5,22,751	..	..	..	5,22,751		
Establishment ..	1,06,156	— 9,901	96,255	..	..	..	96,255		
Tools and plant.	1,72,598	— 124	1,72,474	..	..	..	1,72,474		
Suspense account.	..	..	..	..	..	..	..		
Total ..	8,14,491	— 23,011	7,91,480	..	..	..	7,91,480		
Less—Receipts on capital account.	295	— 147	442	..	..	..	442		
Net Total ..	8,14,196	— 23,158	7,91,038	..	..	..	7,91,038		
Indirect Charges.									
Capitalized abatement of land revenue ..	..	..	..	..	..	..	..		
Leave and pension allowances ..	14,861	— 1,386	13,475	..	..	..	13,475		
Audit and accounts ..	..	— 27	— 27	..	..	..	— 27		
Total ..	14,861	— 1,413	13,448	..	..	..	13,448		
Grand Total ..	8,29,057	— 24,571	8,04,486	..	..	..	8,04,486		

IRRIGATION BRANCH.

PUBLIC WORKS DEPARTMENT.

NAGAVARAM ANICUT AND SUPPLY CHANNEL—Tank Project.

No. 2.—Capital Account for and to end of 1923-1924.

Heads of account.	DIRECT CHARGES.			Cost of construction as now estimated (construction estimate closed on 31st December 1918).	Expenditure against closed estimate.
	Previous.	1923-1924.	Total.		
I. WORKS—	Rs.		Rs.	Rs.	Rs.
(1) <i>Head Works—</i>					
B. Land	...	...	...	...	...
C. Works	67,683	...	67,683	67,683	67,683
K. Buildings	...	...	...	...	...
L. Earthwork	...	...	...	...	...
O. Miscellaneous	...	...	...	...	...
P. Maintenance	...	...	...	...	...
Total ...	67,683	...	67,683	67,683	67,683
(2) <i>Main Canals and Branches—</i>					
A. Preliminary expenses ...	...	...	...	...	...
B. Land	445	...	445	445	445
E. Falls and weirs	...	...	...	...	...
F. (1) Other cross drainage works	13,217	...	13,217	13,217	13,217
G. Bridges	1,262	...	1,262	1,262	1,262
K. Buildings	1,983	...	1,983	1,983	1,983
L. Earthwork	4,167	...	4,167	4,167	4,167
O. Miscellaneous	...	...	...	...	...
P. Maintenance	...	...	...	...	...
Total ...	21,074	...	21,074	21,074	21,074
(3) <i>Distributaries—</i>					
B. Land	...	...	...	...	...
C. Works	...	...	...	...	...
L. Earthwork	...	...	...	...	...
O. Miscellaneous	...	...	...	...	...
P. Maintenance	...	...	...	...	...
Total ...	...	...	...	...	...
Provision for unforeseen works ...	...	...	...	...	...
Total, Works ...	88,757	...	88,757	88,757	88,757
II. ESTABLISHMENT ...	18,538	...	18,538	18,538	18,538
III. TOOLS AND PLANT ...	...	...	...	...	...
* Grand Total ...	1,07,295	...	1,07,295	1,07,295	1,07,295

* Chargeable to '43. Minor Works and Navigation—Provincial'.

ADMINISTRATIVE ACCOUNTS FOR THE YEAR 1923-24.

MADRAS PRESIDENCY

NAGAVARAM ANICUT AND SUPPLY CHANNEL—Tank Project.

No. 3.—Revenue Account for and to end of 1923-1924.

Receipts.	TOTAL			Charges.	TOTAL		
	Previous.	1923-1924.	Total.		Previous.	1923-1924.	Total.
	RS.	RS.	RS.		RS.	RS.	RS.
DIRECT RECEIPTS—				I. EXTENSIONS AND IMPROVEMENTS—			
6. Receipts from other canal produce ..	..	..	..	(1) Head works	..	..	..
9. Rents of buildings. ..	..	..	..	(2) Main canals and branches ..	..	..	..
11. Miscellaneous ..	..	..	..	(3) Distributaries	..	..	..
				(4) Drainage and protective works ..	..	..	..
				(5) Special tools and plant ..	..	..	..
Total, Revenue realized in Public Works Department ..	..	..	..	Total ..	..	..	..
Irrigation Revenue realized in Civil Department ..	4,568	1,007	5,575	II. MAINTENANCE AND REPAIRS—			
Total, Direct Receipts. ..	4,568	1,007	5,575	(1) Head works	..	..	..
II. INDIRECT RECEIPTS—				(2) Main canals and branches ..	..	..	..
Share of Land Revenue collected in the Civil Department ..	..	..	..	(3) Distributaries	..	..	..
				(4) Drainage and protective works ..	..	..	..
Total, Public Works and Civil Departments, Revenue ..	4,568	1,007	5,575	(5) Special tools and plant ..	..	..	..
				Add—Unclassifiable outlay ..	..	..	..
				Total ..	..	..	..
				Total, Extensions and Improvements and Maintenance and Repairs ..	..	..	..
				IV. ESTABLISHMENT	..	..	..
				V. TOOLS AND PLANT	..	..	..
				VI. REFUNDS OF REVENUE	..	..	..
				Total, Direct Charges ..	..	..	..
				Share of collection charges in the Civil Department ..	228	50	278
				Indirect Charges	..	..	..
				Total, Direct and Indirect Charges ..	228	50	278
				Balance, net revenue	4,340	957	5,297
Total, Receipts ..	4,568	1,007	5,575	Grand Total ..	4,568	1,007	5,575

No. 4.—Interest Account for and to end of 1923-1924.

	Amount.		Amount.
	RS.		RS.
Total interest charges to end of 1922-1923 ..	35,354	Net revenue realized to end of 1922-1923 ..	4,340
Total interest charges for the year 1923-1924 ..	3,568	Net revenue realized during 1923-1924 ..	957
Balance, net revenue	..	Balance, net interest charges	33,625
Total ..	33,922	Total ..	33,922

IRRIGATION BRANCH.

PUBLIC WORKS DEPARTMENT.

NAGAVARAM ANICUT AND SUPPLY CHANNEL—*Tank Project.*

No. 5.—Account of Indirect Charges for and to end of 1923-1924.

Particulars.	Previous.	1923-1924.	Total.
CAPITAL—	Rs.		Rs.
Capitalization of abatement of land revenue	..	..	..
Leave and pension allowances	2,595	..	2,595
Total ..	2,595	..	2,595

No. 6.—Statement comparing Charges to date with Sanctioned Estimates.

Particulars.	CHARGES AGAINST CLOSED SANCTIONS.			CURRENT SANCTIONS.			Total charges to date against old and current sanctions.	REMARKS.	
	Expendi- ture against construc- tion estimate.	Expendi- ture against open capital sanction.	Total.	Charges to date.	Amount of sanc- tioned estimate.	Unspent balance of estimate.		G.O. No. and date.	Amount of estimate.
Direct charges.	Rs.		Rs.				Rs.		
Works	88,757	..	88,757	..	..	..	88,757		
Establishment	18,538	..	18,538	..	..	..	18,538		
Tools and plant	..	..	..	..	..	..	..		
Suspense account	..	..	..	..	..	..	..		
Total ..	1,07,295	..	1,07,295	..	..	..	1,07,295		
Less—Receipts on Capital Account ..	..	..	..	..	..	..	..		
Net Total ..	1,07,295	..	1,07,295	..	..	..	1,07,295		
Indirect charges.									
Capitalized abatement of land revenue	..	..	..	..	..	..	..		
Leave and pension allowances	2,595	..	2,595	..	..	..	2,595		
Total ..	2,595	..	2,595	..	..	..	2,595		
Grand Total ..	1,09,890	..	1,09,890	..	..	..	1,09,890		

ADMINISTRATIVE ACCOUNTS FOR THE YEAR 1923-24.

MADRAS PRESIDENCY

VENKATAPURAM TANK PROJECT—*Tank Project.*

No. 2.—Capital Account for and to end of 1923-1924.

Heads of account.	DIRECT CHARGES.			Cost of construction as now estimated (construction estimate closed on 31st March 1919).	Expendi- ture against closed estimate.
	Previous.	1923-1924.	Total.		
	Rs.		Rs.	Rs.	Rs.
I. WORKS—					
(1) <i>Head Works—</i>					
A. Preliminary expenses	..	..	..	..	..
B. Land	1,781	..	1,781	1,781	1,781
C. Works	52,327	..	52,327	52,327	52,327
K. Buildings	1,884	..	1,884	1,884	1,884
L. Earthwork	2,30,139	..	2,30,139	2,30,139	2,30,139
O. Miscellaneous	332	..	332	332	332
Total ..	2,86,463	..	2,86,463	2,86,463	2,86,463
(2) <i>Main Canals and Branches—</i>					
A. Preliminary expenses	19	..	19	19	19
B. Land	2,702	..	2,702	2,702	2,702
C. Works	7,878	..	7,878	7,878	7,878
D. Regulators	..	..	..	..	..
F. Rivers and Hill Torrents	..	..	..	..	..
F. (1) Other cross drainage works. ..	..	..	..	..	..
G. Bridges	..	..	..	..	..
K. Buildings	..	..	..	..	..
L. Earthwork	6,890	..	6,890	6,890	6,890
O. Miscellaneous	41	..	41	41	41
P. Maintenance	..	..	..	..	..
Total ..	17,530	..	17,530	17,530	17,530
(3) <i>Distributaries—</i>					
B. Land	..	..	..	..	..
C. Works	..	..	..	..	..
L. Earthwork	..	..	..	..	..
O. Miscellaneous	..	..	..	..	..
P. Maintenance	..	..	..	..	..
Total ..	..	..	..	..	..
(5) <i>Special tools and plant—</i>	1	..	1	1	1
Provision for unforeseen works	..	..	..	..	..
Total, Works ..	3,03,994	..	3,03,994	3,03,994	3,03,994
II. ESTABLISHMENT ..	64,539	..	64,539	64,539	64,539
III. TOOLS AND PLANT ..	4,236	..	4,236	4,236	4,236
Grand Total ..	3,72,769	..	3,72,769	3,72,769	3,72,769
V. Less—RECEIPTS ON CAPITAL ACCOUNT.	519	..	519	519	519
(a) Net Total ..	3,72,250	..	3,72,250	3,72,250	3,72,250
Chargeable to 35. Protective Works— Irrigation.	3,71,838	..	3,71,838	..	..
Chargeable to 55. Irrigation Works— Unproductive.	412	..	412	..	..
Total ..	3,72,250	..	3,72,250	..	..

IRRIGATION BRANCH.

PUBLIC WORKS DEPARTMENT.

VENKATAPURAM TANK PROJECT—Tank Project—cont.

No. 3.—Revenue Account for and to end of 1923-1924

Receipts.	Total.			Charges.	Total.		
	Previous.	1923-1924.	Total.		Previous.	1923-1924.	Total.
	RS.	RS.	RS.		RS.	RS.	RS.
DIRECT RECEIPTS—				I. EXTENSIONS AND IMPROVEMENTS—			
6. Receipts from other canal produce ..	..	..	..	(1) Head works	..	50	50
9. Rents of buildings ..	..	..	..	(2) Main canals and branches ..	54	..	54
11. Miscellaneous ..	..	..	..	(3) Distributaries	..	..	..
				(4) Drainage and protective works ..	..	..	..
				Total ..	54	50	104
Total, Revenue realized in Public Works Department ..	..	..	..	II. MAINTENANCE AND REPAIRS—			
Irrigation Revenue realized in Civil Department ..	502	200	702	(1) Head works	1,260	..	1,260
				(2) Main canals and branches ..	1,212	396	1,608
Total, Direct Receipts.	502	200	702	(3) Distributaries	..	..	..
II. INDIRECT RECEIPTS—				(4) Drainage and protective works ..	..	..	..
Share of Land Revenue collected in the Civil Department ..	..	..	..	Add—Unclassifiable outlay ..	..	..	..
				Total ..	2,472	396	2,868
Total, Public Works and Civil Departments, Revenue ..	502	200	702	Total, Extensions and Improvements and Maintenance and Repairs ..	2,526	446	2,972
Net deficit, if any ..	4,428	410	4,838	IV. ESTABLISHMENT	2,050	128	2,178
				V. TOOLS AND PLANT	28	4	32
				VI. REFUNDS OF REVENUE	..	..	..
				Total, Direct Charges ..	4,604	578	5,182
				Share of collection charges in the Civil Department	25	10	35
				Indirect Charges	301	22	323
				Total, Direct and Indirect Charges.	4,930	610	5,540
				Balance, Net revenue	..	..	..
Total, Receipts ..	4,930	610	5,540	Grand total ..	4,930	610	5,540

No. 4.—Interest Account for and to end of 1923-1924.

	Amount.		Amount.
	RS.		RS.
Total interest charges to end of 1922-1923 ..	1,36,107	Net revenue realized to end of 1922-1923 ..	— 4,428
Total interest charges for the year 1923-1924.	12,998	Net revenue realized during 1923-1924 ..	— 410
		Balance, net interest charges ..	1,53,943
Total ..	1,49,105	Total ..	1,49,105

ADMINISTRATIVE ACCOUNTS FOR THE YEAR 1923-24.

MADRAS PRESIDENCY

VENKATAPURAM TANK PROJECT—Tank Project—cont.

No. 5.—Account of Indirect Charges for and to end of 1923-1924.

Particulars.	Previous.	1923-1924.	Total.
CAPITAL—	RS.	RS.	RS.
Capitalization of abatement of land revenue	3,635	..	3,635
Leave and pension allowances	9,034	..	9,034
Audit and accounts	2	..	2
Total ..	12,671	..	12,671
REVENUE—			
Capitalization of abatement of land revenue	..	18	305
Leave and pension allowances	287	4	18
Audit and accounts	14	..	..
Total ..	301	22	323
Grand total ..	12,972	22	12,994

No. 6.—Statement comparing Charges to date with sanctioned Estimates.

Particulars.	CHARGES AGAINST CLOSED SANCTIONS.			CURRENT SANCTIONS.			Total charges to date against old and current sanctions.	REMARKS.	
	Expenditure against construction estimate.	Expenditure against open canal sanction.	Total.	Charges of date.	Amount of sanctioned estimate.	Unspent balance of estimate.		G.O. No. and date.	Amount of estimate.
Direct Charges.	RS.	RS.	RS.				RS.		
Works	3,00,808	3,186	3,03,994	..	..	..	3,03,994		
Establishment	62,353	2,186	64,539	..	..	..	64,539		
Tools and plant	4,205	31	4,236	..	..	..	4,236		
Suspense account	..	..	..	..	..	..	..		
Total ..	3,67,366	5,403	3,72,769	..	..	..	3,72,769		
Less—Receipts on Capital Account ..	519	..	519	..	..	..	519		
Net total ..	3,66,847	5,403	3,72,250	..	..	..	3,72,250		
Indirect Charges.									
Capitalized abatement of land revenue	3,627	8	3,635	..	..	..	3,635		
Leave and pension allowances	8,728	306	9,034	..	..	..	9,034		
Audit and accounts	..	2	2	..	..	..	2		
Total ..	12,355	316	12,671	..	..	..	12,671		
Grand total ..	3,79,202	5,719	3,84,921	..	..	..	3,84,921		

IRRIGATION BRANCH.

PUBLIC WORKS DEPARTMENT.

KURNOOL-CUDDAPAH CANAL—Canal Project.

No. 2.—Capital Account for and to end of 1923-1924.

Heads of account.	DIRECT CHARGES.			Cost of construction as now estimated (construction estimate closed).	Expenditure against closed estimate.
	Previous.	1923-1924.	Total.		
I. WORKS—	RS.	RS.	RS.	RS.	RS.
(1) <i>Head Works—</i>					
Purchase value	1,77,82,139	..	1,77,82,139	1,77,82,139	1,77,82,139
B. Land	661	..	661	248	..
C. Works	18,896	..	18,896	17,288	..
K. Buildings	3,700	..	3,700	3,706	..
L. Earthwork	352	..	352	185	..
O. Miscellaneous	3,802	..	3,802	4,552	..
P. Maintenance	290	..	290	225	..
Unforeseen works	..	..	..	..	..
Total ..	1,78,09,750	..	1,78,09,750	1,78,08,323	1,77,82,139
(2) <i>Main Canals and Branches—</i>					
A. Preliminary expenses	2,341	..	2,341	2,298	..
B. Land	28,556	..	28,556	24,292	42
D. Regulators	72,183	147	72,330	1,64,514	1,38,714
E. Falls and weirs	20,974	..	20,974	16,952	..
F. River and Hill torrent work	4,304	..	4,304	4,304	..
F (1). Other cross drainage works	1,59,125	..	1,59,125	2,22,559	1,993
G. Bridges	28,443	..	28,443	37,796	..
H. Escapes	9,710	..	9,710	44,700	44,700
K. Buildings	12,099	..	12,099	12,083	4,710
L. Earthwork	2,63,785	..	2,63,785	2,29,738	29,087
M. Plantation	..	..	..	..	..
N. Tanks and reservoirs	1,076	..	1,076	..	..
O. Miscellaneous	33,617	..	33,617	30,462	15,462
P. Maintenance	4,250	..	4,250	3,000	..
Total ..	6,40,463	147	6,40,610	7,88,394	2,34,708
(3) <i>Distributaries—</i>					
A. Preliminary expenses	205	..	205	..	..
B. Land	39,669	..	39,669	..	..
C. Works	3,52,522	1,790	3,54,312	..	..
F (1). Other cross drainage works	1,024	..	1,024	..	..
L. Earthwork	2,31,883	..	2,31,883	6,07,877	1,09,020
O. Miscellaneous	10,655	..	10,655	..	..
P. Maintenance	858	..	858	..	..
Unforeseen works	25	..	25	..	..
Total ..	6,38,839	1,790	6,38,629	6,07,877	1,09,020
(5) <i>Special tools and plant—</i>					
Provision for unforeseen works	— 257	..	— 257	11,337	..
Total, Works ..	1,90,86,795	1,937	1,90,88,732	1,92,15,931	1,81,25,867
II. ESTABLISHMENT ..	3,78,854	555	3,79,409	3,09,941	88,473
III. TOOLS AND PLANT ..	3,035	16	3,051	12,384	225
Loss by exchange	40,80,918	..	40,80,918	40,80,918	40,80,918
Grand total ..	2,35,49,602	2,508	2,35,52,110	2,36,19,174	2,22,95,483
V. Less—RECEIPTS ON CAPITAL ACCOUNT ..	2,31,977	12,306	2,44,283	2,26,747	2,26,747
Net total ..	2,33,17,625	— 9,798	2,33,07,827	2,33,92,427	2,20,68,736
Apportionment—					
Chargeable to "49. Irrigation"	2,18,73,121	..	2,18,73,121	..	..
to "43. Minor Works and Navigation"	..	..	..	..	..
Imperial	..	..	..	..	..
Provincial	13,84,414	..	13,84,414	..	..
Chargeable to "33. Famine Relief"	..	..	..	..	..
Imperial	37,723	..	37,723	..	..
Provincial	— 301	..	— 301	..	..
Chargeable to "55-A. Irrigation—2. Unproductive."	22,668	— 9,798	12,870	..	..
Total ..	2,33,17,625	— 9,798	2,33,07,827	..	..

ADMINISTRATIVE ACCOUNTS FOR THE YEAR 1923-24.

MADRAS PRESIDENCY

KURNOOL-CUDDAPAH CANAL—Canal Project.

No. 3.—Revenue Account for and to end of 1923-1924.

Receipts.	TOTAL.			Charges.	TOTAL.		
	Previous.	1923-1924.	Total.		Previous.	1923-1924.	Total.
I. DIRECT RECEIPTS—	RS.	RS.	RS.	I. EXTENSIONS AND IMPROVEMENTS—	RS.	RS.	RS.
1. Water-rates from irrigation	35,98,514	..	35,98,514	(1) Head works	46,982	..	46,982
5. Sale of water	93	..	93	(2) Main canals and branches	3,47,778	6,628	3,54,406
4. (Water-supply of towns	68,291	678	68,969	(3) Distributaries	76,315	59	76,374
5. Receipts from plantations	24,242	..	24,242	(4) Drainage and protective works	13,251	..	13,251
6. Receipts from other canal produce	1,49,531	8,332	1,57,863	(5) Special tools and plant	— 168	..	— 168
8. Navigation receipts	79,599	1,245	80,844	Add—Unclassifiable outlay	555	..	555
9. Rents of buildings	32,668	1,029	33,697	Total ..	4,84,723	6,687	4,91,410
10. Fines	72	..	72	II. MAINTENANCE AND REPAIRS—			
11. Miscellaneous	1,02,871	713	1,03,584	(1) Head works	2,09,019	3,193	2,12,212
Deduct Refunds	87	68	155	(2) Main canals and branches	27,33,470	66,999	28,00,469
Total, Revenue realized in Public Works Department ..	40,55,794	11,929	40,67,723	(3) Distributaries	3,73,529	9,717	3,83,246
Irrigation Revenue realized in Civil Department ..	28,22,954	3,35,996	31,58,950	(4) Drainage and protective works	20,108	..	20,108
Total, Direct Receipts ..	78,78,748	3,47,925	82,26,673	(5) Special tools and plant	6,171	— 280	5,891
II. INDIRECT RECEIPTS—				Add—Unclassifiable outlay	11,150	..	11,150
Share of land revenue collected in the Civil Department	25,124	1,990	27,114	Total ..	33,53,447	79,629	34,33,076
Total, Public Works and Civil Departments, Revenue ..	79,03,872	3,49,915	82,53,787	Total, Extensions and Improvements and Maintenance and Repairs ..	38,38,170	86,316	39,24,486
Total, Receipts ..	79,03,872	3,49,915	82,53,787	IV. ESTABLISHMENT ..	15,45,468	24,753	15,70,221
* Direct—				V. TOOLS AND PLANT ..	1,09,621	703	1,10,324
Extensions and improvements	..	..	..	VI. REFUNDS OF REVENUE ..	14,592	..	14,592
Maintenance and repairs	..	..	..	Deduct Recoveries on Revenue Account	196	..	196
Establishment	..	..	..	Total, Direct Charges ..	55,07,655	1,11,772	56,19,427
Tools and plant	..	..	..	Share of collection charges in the Civil Department ..	2,02,267	18,889	2,19,146
Total ..	..	..	..	Indirect Charges ..	2,24,281	4,356	2,28,637
Indirect ..	..	..	..	Total, Direct and Indirect Charges ..	59,34,193	1,33,017	60,67,210
Total, Direct and Indirect ..	..	..	..	Deduct old maintenance charges saved to Government *	36,463	4,020	40,483
Balance, net revenue ..	20,06,142	2,20,918	22,27,060	Net total ..	58,97,730	1,28,997	60,26,727
Grand total ..	79,03,872	3,49,915	82,53,787	Balance, net revenue ..	20,06,142	2,20,918	22,27,060

No. 4.—Interest Account for and to end of 1923-1924.

	Amount.			Amount.	
	RS.			RS.	
Total interest charges to end of 1922-1923	3,37,03,302		Net revenue realized to end of 1922-1923	20,06,142	
Total interest charges for the year 1923-1924	7,85,702		Net revenue realized during 1923-1924	2,20,918	
			Balance, net interest charges	3,22,67,944	
Total ..	3,44,95,004		Total ..	3,44,95,004	

IRRIGATION BRANCH.

PUBLIC WORKS DEPARTMENT.

KURNOOL-CUDDAPAH CANAL.—Canal Project.

No. 5.—Account of Indirect Charges for and to end of 1923-1924.

Particulars.	Previous.	1923-24.	Total.
CAPITAL—	Rs.	Rs.	Rs.
Capitalization of abatement of land revenue	19,983	..	19,983
Leave and pension allowances	53,058	78	53,136
Audit and accounts	117	20	137
Total ..	73,158	98	73,256
REVENUE—			
Capitalization of abatement of land revenue	5,653	26	5,679
Leave and pension allowances	2,16,795	3,466	2,20,261
Audit and accounts	1,833	864	2,697
Total ..	2,24,281	4,356	2,28,637
Grand total ..	2,97,439	4,454	3,01,893

No. 6.—Statement comparing Charges to date with Sanctioned Estimates.

Particulars.	CHARGES AGAINST CLOSED SANCTIONS.			CURRENT SANCTIONS.			Total charges to date against old and current sanctions.	REMARKS.	
	Expenditure against construction estimate.	Expenditure against open canal sanctions.	Total.	Charges to date.	Amount of sanctioned estimate.	Unspent balance of estimate.		G.O. No. and date.	Amount of estimate.
Direct Charges.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	Direct Charges.	RS.
Works ..	1,77,82,139	3,43,728	1,81,25,867	9,62,865	10,90,064	1,27,199	1,90,88,732		
Establishment ..	..	88,473	88,473	2,90,936	2,21,468	— 69,468	3,79,409	851 I., 8th Oct. 1900.	2,32,200
Tools and plant ..	..	225	225	2,826	12,159	9,333	3,051		
Suspense account ..	..	..	..	..	..	..	..		
Loss by exchange ..	40,80,918	..	40,80,918	..	..	..	40,80,918		
Total ..	2,15,63,057	4,32,426	2,22,95,483	12,56,627	13,23,691	67,064	2,35,52,110	487 I., 21st Nov. 1916.	7,42,514
Less—Receipts on Capital Account.	2,24,115	2,632	2,26,747	17,536	..	— 17,536	2,44,283	156 I., 10th April 1916.	80,000
								17 I., 8th Jan. 1918.	25,800
								Mis. 483 I., 10th December 1921.	9,550
Net Total ..	2,16,38,942	4,29,794	2,20,68,736	12,39,091	13,23,691	84,600	2,33,07,827	Total ..	10,90,064
Indirect Charges.								Indirect Charges.	
Capitalized abatement of land revenue ..	..	2,377	2,377	17,606	41,098	23,492	19,983	851 I., 8th Oct. 1900.	23,000
Leave and pension allowances ..	..	12,386	12,386	40,750	29,276	— 11,474	53,136	487 I., 21st Nov. 1916.	42,096
Audit and accounts ..	..	— 12	— 12	149	..	— 149	137	156 I., 10th April 1916.	5,378
Total ..	..	14,751	14,751	58,505	70,374	— 11,869	73,256	Total ..	70,374
Grand Total ..	2,16,38,942	4,44,545	2,20,83,487	12,97,596	13,94,065	98,469	2,33,81,083		

ADMINISTRATIVE ACCOUNTS FOR THE YEAR 1923-24.

MADRAS PRESIDENCY

BARUR TANK.—Tank Project.

No. 2.—Capital Account for and to end of 1923-1924.

Heads of account.	DIRECT CHARGES.			Cost of construction as now estimated (construction estimate closed on 31st March 1891).	Expenditure against closed estimate.
	Previous.	1923-1924.	Total.		
	Rs.		Rs.	Rs.	Rs.
I. WORKS—					
(1) Head Works—					
A. Preliminary expenses	739	..	739	739	739
B. Land	11,573	..	11,573	11,573	11,573
C. Works	23,817	..	23,817	23,817	23,817
K. Buildings	4,621	..	4,621	4,621	4,621
O. Miscellaneous	4,568	..	4,568	4,568	4,568
P. Maintenance	355	..	355	355	355
Total ..	45,673	..	45,673	45,673	45,673
(2) Main Canals and Branches—					
B. Land	296	..	296	296	296
C. Works	2,323	..	2,323	2,323	2,323
D. Regulators	24,620	..	24,620	24,620	24,620
E. Falls and Weirs	..	..	..	..	..
F. (1) Other cross drainage works	4,053	..	4,053	4,053	4,053
G. Bridges	5,270	..	5,270	5,270	5,270
L. Earthwork	82,550	..	82,550	82,550	82,550
N. Tanks and reservoirs	1,879	..	1,879	1,879	1,879
O. Miscellaneous	4,684	..	4,684	4,684	4,684
Total ..	1,25,675	..	1,25,675	1,25,675	1,25,675
(2-A) Reservoirs—					
C. Works	2,949	..	2,949	2,949	2,949
L. Earthwork	66,826	..	66,826	66,826	66,826
Total ..	69,775	..	69,775	69,775	69,775
(3) Distributaries—					
B. Land	897	..	897	897	897
C. Works	40,038	..	40,038	40,038	40,038
L. Earthwork	53,279	..	53,279	53,279	53,279
N. Tanks and reservoirs	428	..	428	428	428
Total ..	94,642	..	94,642	94,642	94,642
(5) Special tools and plant ..	..	..	..	..	..
Provision for unforeseen works ..	..	..	..	..	..
Total, Works ..	3,35,765	..	3,35,765	3,35,765	3,35,765
II. ESTABLISHMENT ..	76,701	..	76,701	76,701	76,701
III. TOOLS AND PLANT ..	6,931	..	6,931	6,931	6,931
Grand total ..	4,19,397	..	4,19,397	4,19,397	4,19,397
V. Less—RECEIPTS ON CAPITAL ACCOUNT	22	..	22	22	22
(a) Not total ..	4,19,375	..	4,19,375	4,19,375	4,19,375

Rs.
(a) Chargesable to 49. Irrigation 4,02,176
Do. to 43. Minor Works and Navigation—Provincial 17,199

Total .. 4,19,375

IRRIGATION BRANCH.

PUBLIC WORKS DEPARTMENT.

BARUR TANK—Tank Project—cont.

No. 3.—Revenue Account for and to end of 1923-1924.

Receipts.	TOTAL.			Charges.	TOTAL.		
	Previous.	1923-1924.	Total.		Previous.	1923-1924.	Total.
I. DIRECT RECEIPTS—				I. EXTENSIONS AND IMPROVEMENTS—			
5. Receipts from plantations ..	41	..	41	(1) Head works	4,441	..	4,441
6. Receipts from other canal produce ..	10,259	978	11,237	(2) Main canals and branches ..	17,574	160	17,734
9. Rents of buildings.	577	28	605	(3) Distributaries	2,561	..	2,561
11. Miscellaneous ..	1,744	19	1,763	(4) Drainage and protective works ..	1,661	..	1,661
Deduct Refunds ..	24	57	81	(5) Special tools and plant ..	..	..	..
Total, Revenue realized in Public Works Department ..	12,597	988	13,585	Total ..	23,237	160	23,397
Irrigation Revenue realized in Civil Department ..	4,52,710	3,498	4,56,208	II. MAINTENANCE AND REPAIRS—			
Total, Direct Receipts ..	4,65,267	4,486	4,69,753	(1) Head works	20,598	..	20,598
II. INDIRECT RECEIPTS—				(2) Main canals and branches ..	98,456	3,999	1,02,455
Share of land revenue collected in the Civil Department ..	9,323	471	9,794	(3) Distributaries	10,068	..	10,068
Total, Public Works and Civil Departments, Revenue ..	4,74,630	4,937	4,79,567	(4) Drainage and protective works ..	666	..	666
				(5) Special tools and plant ..	..	..	..
				Total ..	1,29,788	3,999	1,33,787
				Total, Extensions and Improvements and Maintenance and Repairs ..	1,56,025	4,159	1,60,184
				IV. ESTABLISHMENT	59,735	1,549	61,284
				V. TOOLS AND PLANT	392	52	444
				VI. REFUNDS OF REVENUE	54	..	54
				Total, Direct Charges ..	2,16,206	5,760	2,21,966
				Share of collection charges in the Civil Department	22,705	177	22,882
				Indirect charges	8,551	259	8,810
				Total, Direct and Indirect Charges.	2,47,462	6,196	2,53,658
				Balance, Net revenue	2,27,168	1,259	2,28,427
Total, Receipts ..	4,74,630	4,937	4,79,567	Grand Total ..	4,74,630	4,937	4,79,567

No. 4.—Interest Account for and to end of 1923-1924.

	Amount.		Amount.
	RS.		RS.
Total interest charges to end of 1922-1923 ..	5,63,711	Net revenue realized to end of 1922-1923 ..	2,27,168
Total interest charges for the year 1923-1924 ..	13,945	Net revenue realized during 1923-1924 ..	1,259
Total ..	5,77,656	Balance net interest charges	3,51,747
		Total ..	5,77,656

ADMINISTRATIVE ACCOUNTS FOR THE YEAR 1923-24.

MADRAS PRESIDENCY

BARUR TANK—Tank Project—cont.

No. 5.—Account of Indirect Charges for and to end of 1923-1924.

Particulars.	Previous.	1923-1924.	Total.
CAPITAL—			
Capitalization of abatement of land revenue	RS. 13,000	RS. ..	RS. 13,000
Leave and pension allowances	10,738	..	10,738
Audit and accounts	..	..	..
Total ..	23,738	..	23,738
REVENUE—			
Capitalization of abatement of land revenue	130	..	130
Leave and pension allowances	8,363	217	8,580
Audit and accounts	58	42	100
Total ..	8,551	259	8,810
Grand Total ..	32,289	259	32,548

No. 6.—Statement comparing Charges to date with Sanctioned Estimates.

Particulars.	CHARGES AGAINST CLOSED SANCTIONS.			CURRENT SANCTIONS.			Total charges to date against old and current sanctions.	Remarks.
	Expenditure against construction estimate.	Expenditure against open canal sanctions.	Total.	Charges to date.	Amount of sanctioned estimate.	Unspent balance of estimate.		
Direct charges.	RS.	RS.	RS.				RS.	
Works	3,11,681	24,084	3,35,765	..	..	..	3,35,765	
Establishment	71,683	5,018	76,701	..	..	..	76,701	
Tools and plant	6,883	48	6,931	..	..	..	6,931	
Suspense account	..	..	..	..	..	..	..	
Total ..	3,90,247	29,150	4,19,397	..	..	..	4,19,397	
Less—Receipts on capital account	22	..	22	..	..	..	22	
Net Total ..	3,90,225	29,150	4,19,375	..	..	..	4,19,375	
Indirect charges.								
Capitalized abatement of land revenue	12,056	944	13,000	..	..	..	13,000	
Leave and pension allowances	10,036	702	10,738	..	..	..	10,738	
Total ..	22,092	1,646	23,738	..	..	..	23,738	
Grand Total ..	4,12,317	30,796	4,43,113	..	..	..	4,43,113	

IRRIGATION BRANCH.

PUBLIC WORKS DEPARTMENT.

KANNIAMPALIAM ANICUT—Tank Project.

No. 2.—Capital Account for and to end of 1923-1924.

Heads of account.	DIRECT CHARGES.			Cost of construction as now estimated.	Expenditure against closed estimates.
	Previous.	1923-1924.	Total.		
I. WORKS—	RS.	RS.	RS.	RS.	
(1) <i>Head Works—</i>					
A. Preliminary expenses ...	1,762	...	1,762	1,762	...
B. Land ...	...	...	...	...	...
C. Works ...	74,622	— 1,110	73,512	74,146	...
K. Buildings ...	...	...	...	...	...
L. Earthwork ...	...	...	...	...	...
O. Miscellaneous ...	...	...	...	...	...
Total ...	76,384	— 1,110	75,274	75,908	...
(2) <i>Main Canals and Branches—</i>					
A. Preliminary expenses ...	...	...	...	...	...
B. Land ...	...	...	...	...	...
C. Works ...	1,144	...	1,144	7,400	...
D. Regulators ...	...	...	...	...	...
F. Rivers and Hill Torrents ...	...	...	...	...	...
F. (1) Other cross drainage works ...	11,776	...	11,776	13,274	...
G. Bridges ...	...	...	...	...	...
K. Buildings ...	1,000	...	1,000	1,000	...
L. Earthwork ...	8,465	...	8,465	9,775	...
O. Miscellaneous ...	...	...	...	...	...
P. Maintenance ...	...	...	...	...	...
Total ...	22,385	...	22,385	31,449	...
(3) <i>Distributaries—</i>					
B. Land ...	...	...	...	...	...
C. Works ...	...	...	...	...	...
L. Earthwork ...	...	...	...	...	...
O. Miscellaneous ...	...	...	...	...	...
P. Maintenance ...	...	...	...	...	...
Total ...	...	...	...	...	...
(5) <i>Special tools and plant</i> ...	...	...	...	...	...
Provision for unforeseen works ...	...	...	...	...	...
Total, Works ...	98,769	— 1,110	97,659	1,07,357	...
II. ESTABLISHMENT ...	27,556	— 413	27,143	26,839	...
III. TOOLS AND PLANT ...	511	— 14	497	2,147	...
Grand Total ...	1,26,836	— 1,537	1,25,299	1,36,343	...
V. Less receipts on capital account ...	...	...	...	...	...
Net Total ...	1,26,836	— 1,537	1,25,299	1,36,343	...
Chargeable to "43. Irrigation—Provincial" ...	1,15,679	...	1,15,679	...	...
Chargeable to 55-A. Irrigation works —2. Unproductive ...	11,157	— 1,537	9,620	...	...
Total ...	1,26,836	— 1,537	1,25,299	...	...

ADMINISTRATIVE ACCOUNTS FOR THE YEAR 1923-24.

MADRAS PRESIDENCY

KANNIAMPALIAM ANICUT—Tank Project.

No. 3.—Revenue Account for and to end of 1923-1924.

Receipts.	TOTAL.			Charges.	TOTAL.		
	Previous.	1923-1924.	Total.		Previous.	1923-1924.	Total.
I. DIRECT RECEIPTS—	RS.	RS.	RS.	I. EXTENSIONS AND IMPROVEMENTS—	RS.	RS.	RS.
Receipts from other canal produce ...	...	...	...	(1) Head works ...	...	...	...
Rent of buildings ...	...	...	...	(2) Main canals and branches ...	...	...	...
Miscellaneous ...	...	...	...	(3) Distributaries ...	...	...	...
Total, Revenue realized in Public Works Department ...	...	...	...	(4) Drainage and protective works ...	...	...	...
Irrigation Revenue realized in Civil Department ...	...	...	...	(5) Special tools and plant ...	...	...	...
Total, Direct receipts ...	...	...	...	Total ...	...	...	...
II. Indirect receipts—Share of Land Revenue collected in the Civil Department ...	...	...	...	II. MAINTENANCE AND REPAIRS—	...	...	...
Total, Public Works and Civil Departments, Revenue ...	1,242	3,750	4,992	(1) Head works ...	865	2,592	3,457
Net deficit, if any ...	1,242	3,750	4,992	(2) Main canals and branches ...	...	...	...
Total, Receipts ...	1,242	3,750	4,992	(3) Distributaries ...	...	...	...
				(4) Drainage and protective works ...	...	...	...
				(5) Special tools and plant ...	...	...	...
				Add—Unclassifiable outlay ...	...	...	...
				Total ...	865	2,592	3,457
				Total, Extensions and Improvements and Maintenance and Repairs ...	865	2,592	3,457
				IV. ESTABLISHMENT ...	317	965	1,282
				V. TOOLS AND PLANT ...	7	32	39
				VI. REFUNDS AND REVENUE ...	...	...	...
				Total, Direct charges ...	1,189	3,539	4,728
				Share of collection charges in the Civil Department ...	...	...	...
				Indirect charges ...	53	161	214
				Total, Direct and Indirect charges ...	1,242	3,750	4,992
				Balance, Net revenue ...	...	...	...
				Grand total ...	1,242	3,750	4,992

No. 4.—Interest Account for and to end of 1923-1924.

	Amount.		Amount.
	RS.		RS.
Total interest charges to end of 1922-1923 ...	25,982	Net revenue realized to end of 1922-1923 ...	— 1,242
Total interest charges for the year 1923-1924 ...	6,502	Net revenue realized during 1923-1924 ...	— 3,750
		Balance, net interest charges ...	37,476
Total ...	32,484	Total ...	32,484

IRRIGATION BRANCH.

PUBLIC WORKS DEPARTMENT.

KANNIAMPALIAM ANICUT—Tank Project.

No. 5.—Account of Indirect Charges for and to end of 1923-1924.

Particulars.	Previous.	1923-1924.	Total.
CAPITAL—	RS.	RS.	
Capitalization of abatement of land revenue	...	...	...
Leave and pension allowances	3,859	— 57	3,802
Audit and accounts	80	— 11	69
Total	3,939	— 68	3,871
REVENUE—			
Capitalization of abatement of land revenue.	...	...	...
Leave and pension allowances	44	135	179
Audit and accounts	9	26	35
Total	53	161	214
Grand Total	3,992	93	4,085

No. 6.—Statement comparing Charges to date with Sanctioned Estimates.

Particulars.	CHARGES AGAINST CLOSED SANCTIONS.			CURRENT SANCTIONS.			Total charges to date against old and current sanctions.	REMARKS.	
	Expenditure against construction estimate.	Expenditure against open canal sanction.	Total.	Charges to date.	Amount of sanctioned estimate.	Unspent balance of estimate.		G.O. No. and date.	Amount of estimate.
Direct Charges.				RS.	RS.	RS.	RS.	Direct Charges.	RS.
Works	...	...	...	97,659	1,07,357	9,698	97,659		
Establishment	...	...	...	27,143	26,839	— 304	27,143		
Tools and plant	...	...	...	497	2,147	1,650	497		
Suspense account.	...	...	...	...	...	...	...		
Total	...	...	...	1,25,299	1,36,343	11,044	1,25,299	375 L., 27th Sep. 1921.	1,07,657
Less—Receipts on capital account.	...	...	...	...	...	...	...		
Net Total	...	...	...	1,25,299	1,36,343	11,044	1,25,299		
Indirect Charges.								Indirect Charges.	
Capitalized abatement of land revenue.	...	...	...	...	...	...	...	375 L., 27th Sep. 1921.	3,757
Leave and pension allowances.	...	...	...	3,802	3,757	— 45	3,802		
Audit and accounts.	...	...	...	69	...	— 69	69		
Total	...	...	...	3,871	3,757	— 114	3,871		
Grand Total	...	...	...	1,29,170	1,40,100	10,930	1,29,170		

ADMINISTRATIVE ACCOUNTS FOR THE YEAR 1923-24.

MADRAS PRESIDENCY

MADRAS WATER-SUPPLY AND IRRIGATION SYSTEM—Tank Project.

No. 2.—Capital Account for and to end of 1923-1924.

Heads of account.	DIRECT CHARGES.			Cost of construction as now estimated (closed in 1893).	Expenditure against closed estimate.
	Previous.	1923-1924.	Total.		
I. WORKS—	RS.	RS.	RS.	RS.	RS.
(1) Head Works—					
C. Works	98,309	...	98,309	98,309	98,309
K. Buildings	8,827	...	8,827	8,827	8,827
O. Miscellaneous	1,029	...	1,029	1,029	1,029
Total	1,08,165	...	1,08,165	1,08,165	1,08,165
(2) Main Canals and Branches—					
B. Land	65,979	...	65,979	65,979	65,979
D. Regulators	48,818	...	48,818	48,818	48,818
E. Falls and weirs	13,094	...	13,094	13,094	13,094
F. (1) Other cross drainage works	59,847	...	59,847	59,847	59,847
G. Bridges	53,739	1,605	55,344	56,039	53,739
K. Buildings	6,045	...	6,045	6,045	6,045
L. Earthwork	1,04,628	...	1,04,628	1,04,628	1,04,628
Total	3,52,150	1,605	3,53,755	3,54,450	3,52,150
Reservoirs—					
B. Land	1,35,313	...	1,35,313	1,35,313	1,35,313
C. Works	1,67,908	...	1,67,908	1,67,908	1,67,908
L. Earthwork	5,33,148	...	5,33,148	5,33,148	5,33,148
O. Miscellaneous	45,753	...	45,753	45,753	45,753
Total	8,82,122	...	8,82,122	8,82,122	8,82,122
(3) Distributaries—					
C. Works	4,368	...	4,368	4,173	2,073
L. Earthwork	2,275	...	2,275	2,275	2,275
Total	6,643	...	6,643	6,448	4,348
(4) Drainage and protective works—					
C. Works	2,672	...	2,672	2,672	2,672
(5) Special tools and plant	...	...	...	...	...
Provision for unforeseen works	...	...	...	...	...
Total, Works	13,51,752	1,605	13,53,357	13,53,857	13,49,457
II. ESTABLISHMENT	2,22,262	460	2,22,722	2,22,782	2,21,762
III. TOOLS AND PLANT	6,827	13	6,837	6,866	6,790
Grand Total	15,80,838	2,078	15,82,916	15,83,505	15,78,009
V. Less—RECEIPTS ON CAPITAL ACCOUNT	1,302	...	1,302	1,302	1,302
(a) Net Total	15,79,536	2,078	15,81,614	15,82,203	15,76,707
Chargeable to 43. Irrigation—					
Provincial	15,79,536	...	15,79,536	...	...
Chargeable to 55. Irrigation—					
2. Unproductive	...	2,078	2,078	...	...
Total	15,79,536	2,078	15,81,614	...	...

(a) Chargeable to "43. Minor Works and Navigation—Provincial."

IRRIGATION BRANCH.

PUBLIC WORKS DEPARTMENT

MADRAS WATER-SUPPLY AND IRRIGATION SYSTEM—*Tank Project.*

No. 3.—Revenue Account for and to end of 1923-1924.

Receipts.	TOTAL.			Charges.	TOTAL.		
	Previous.	1923-1924.	Total.		Previous.	1923-1924.	Total.
I. DIRECT RECEIPTS—	RS.	RS.	RS.	I. EXTENSIONS AND IMPROVEMENTS—	RS.	RS.	
3. Sales of water ...	8,62,427	..	8,62,427	(1) Head works ..	6,704	..	
Water-supply of towns ..	..	38,945	38,945	(2) Main canals and branches ..	36,101	3,372	
5. Receipts from plantations ..	1,755	175	1,930	(3) Distributaries ..	3,277	..	
6. Receipts from other canal produce ..	4,792	..	4,792	(4) Drainage and protective works ..	613	..	
9. Rents of buildings ..	1,111	50	1,161	(5) Special tools and plant ..	22	..	
10. Fines ..	39	..	39	Total ..	46,717	3,372	50,089
11. Miscellaneous ..	4,474	286	4,760	II. MAINTENANCE AND REPAIRS—			
Total Revenue realized in Public Works Department ..	8,74,598	39,456	9,14,054	(1) Head works ..	61,876	..	
Irrigation revenue realized in Civil Department ..	5,56,681	12,372	5,69,053	(2) Main canals and branches ..	6,20,485	17,600	6,38,085
Total, Direct Revenue ..	14,31,279	51,828	14,83,107	(3) Distributaries ..	3,380	..	
II. INDIRECT RECEIPTS—				(4) Drainage and protective works ..	2,008	1,053	3,061
Share of land revenue collected in the Civil Department ..	22,567	462	23,029	(5) Special tools and plant ..	..	..	
Total, Public Works and Civil Departments ..	14,53,846	52,290	15,06,136	Add—Unclassifiable outlay ..	..	..	
				Total ..	6,88,349	18,659	7,07,008
				Total, Extensions and Improvements and Maintenance and Repairs ..	7,35,086	22,031	7,57,097
				IV. ESTABLISHMENT ..	2,42,984	6,318	2,49,302
				V. TOOLS AND PLANT ..	8,739	179	8,918
				VI. REFUNDS OF REVENUE ..	88	..	88
				Deduct—Recoveries of Expenditure ..	..	1,005	1,005
				Total, Direct Charges ..	9,86,877	27,523	10,14,400
				Share of collection charges in the Civil Department ..	31,151	642	31,793
				Indirect charges ..	33,479	1,105	35,584
				Total, Direct and Indirect Charges ..	10,53,507	29,270	10,82,777
				Deduct—Old maintenance charges saved to Government (a) ..	2,57,731	5,112	2,62,843
				Net Total ..	7,95,776	24,158	8,19,934
				Balance, Net revenue ..	6,58,070	28,132	6,86,202
Total, Receipts ..	14,53,846	52,290	15,06,136	Grand Total ..	14,53,846	52,290	15,06,136

(a) Extensions and improvements ..	..	..	..	..	..	..	..	Rs. 3,600
Maintenance and repairs ..	..	..	..	..	..	..	..	200
Establishment ..	..	..	..	..	..	..	..	1,090
Tools and plant ..	..	..	..	..	..	..	..	31
Indirect charges ..	..	..	..	..	..	..	..	4,921
								191
								5,112

No. 4.—Interest Account for and to end of 1923-1924.

	Amount.		Amount.
Total interest charges to end of 1922-1923 ..	Rs. 31,21,558	Net revenue realized to end of 1922-1923 ..	Rs. 6,58,070
Total interest charges for the year 1923-1924 ..	53,359	Net revenue realized during 1923-1924 ..	28,132
		Balance, Net interest charges ..	24,88,715
Total ..	31,74,917	Total ..	31,74,917

ADMINISTRATIVE ACCOUNTS FOR THE YEAR 1923-24.

MADRAS PRESIDENCY

MADRAS WATER-SUPPLY AND IRRIGATION SYSTEM—*Tank Project.*

No. 5.—Account of Indirect Charges for and to end of 1923-1924.

Particulars.	Previous.	1923-1924.	Total.
	RS.	RS.	RS.
CAPITAL—			
Capitalization of abatement of land revenue ..	2,08,120	..	2,08,120
Leave and pension allowances ..	31,458	64	31,522
Audit and accounts ..	..	16	16
Total ..	2,39,578	80	2,39,658
REVENUE—			
Capitalization of abatement of land revenue ..	1,095	..	1,095
Leave and pension allowances ..	33,865	885	34,750
Audit and accounts ..	519	220	739
Total ..	35,479	1,105	36,584
Grand Total ..	2,75,057	1,185	2,76,242

No. 6.—Statement comparing Charges to date with Sanctioned Estimate.

Particulars.	CHARGES AGAINST CLOSED SANCTIONS.			CURRENT SANCTIONS.			Total charges to date against old and current sanctions.	REMARKS.	
	Expenditure against construction estimate.	Expenditure against open canal sanction.	Total.	Charges to date.	Amount of sanctioned estimate.	Unspent balance of estimate.		G.O. No. and date.	Amount of estimate.
Direct Charges.	RS.	RS.	RS.	RS.	RS.	RS.	RS.		RS.
Works ..	12,97,799	51,658	13,49,457	3,900	4,400	500	13,53,357		
Establishment ..	2,12,547	9,215	2,21,762	960	1,030	60	2,22,722		
Tools and plant ..	6,648	142	6,790	47	76	29	6,837		
Suspense account ..	..	..	..	..	..	..	..		
Total ..	15,16,994	61,015	15,78,009	4,907	5,496	589	15,82,916		
Less—Receipts on Capital Account.	1,167	135	1,302	..	..	..	1,302		
Net Total ..	15,15,827	60,880	15,76,707	4,907	5,496	589	15,81,614		
Indirect Charges.									
Capitalized abatement of land revenue ..	2,08,120	..	2,08,120	..	..	..	2,08,120	Mis. 106 I., 24th March 1921.	2,300
Leave and pension allowances ..	30,098	1,290	31,388	134	..	—134	31,522	Mis. 483 I., 9th Dec. 1921.	2,100
Audit and accounts ..	..	..	..	16	..	—16	16		
Total ..	2,38,218	1,290	2,39,508	150	..	—150	2,39,658		
Grand Total ..	17,54,045	62,170	18,16,215	5,057	5,496	439	18,21,272		4,400

IRRIGATION BRANCH.

PUBLIC WORKS DEPARTMENT

PELANDORAI ANICUT SYSTEM—Canal Project.

No. 2.—Capital Account for and to end of 1923-1924.

Heads of account.	DIRECT CHARGES.			Cost of construction as now estimated (closed in 1893).	Expenditure against estimate.
	Previous.	1923-1924.	Total.		
I. WORKS—	RS.		RS.	RS.	RS.
(1) <i>Head Works—</i>					
B. Land	...	...	...	...	...
C. Works	2,64,856	...	2,64,856	2,64,856	2,64,856
K. Buildings	4,192	...	4,192	4,192	4,192
O. Miscellaneous	2,102	...	2,102	2,102	2,102
Total	2,71,150	...	2,71,150	2,71,150	2,71,150
(2) <i>Main Canals and Branches—</i>					
B. Land	12,255	...	12,255	12,255	12,255
D. Regulators	9,938	...	9,938	9,938	9,938
E. Falls and weirs	9,958	...	9,958	13,878	9,958
F. (1) Other cross drainage works	18,849	...	18,849	18,849	18,849
G. Bridges	15,786	...	15,786	15,786	15,786
H. Escapes	682	...	682	682	682
L. Earthwork	1,00,958	...	1,00,958	1,00,958	1,00,958
N. Tanks and reservoirs	38,505	...	38,505	38,505	38,505
Total	2,06,931	...	2,06,931	2,10,851	2,06,931
(3) <i>Distributaries—</i>					
B. Land	...	...	...	...	...
C. Works	9,660	...	9,660	9,660	9,660
L. Earthwork	9,372	...	9,372	9,372	9,372
N. Tanks and reservoirs	1,094	...	1,094	1,094	1,094
Total	20,126	...	20,126	20,126	20,126
(4) <i>Drainage and Protective Works—</i>					
B. Land	1,937	...	1,937	1,937	1,937
C. Works	10,463	...	10,463	10,463	10,463
L. Earthwork	10,027	...	10,027	10,027	10,027
O. Miscellaneous	3	...	3	3	3
Total	22,430	...	22,430	22,430	22,430
(5) <i>Special tools and plant</i>	...	...	...	...	...
Provision for unforeseen works	...	...	...	...	...
Total, Works	5,20,637	...	5,20,637	5,24,557	5,20,637
II. ESTABLISHMENT	1,17,367	...	1,17,367	1,18,347	1,17,367
III. TOOLS AND PLANT	6,064	...	6,064	6,142	6,064
Grand Total	6,44,068	...	6,44,068	6,49,046	6,44,068
V. Less—RECEIPTS ON CAPITAL ACCOUNT	798	...	798	798	798
* Net Total	6,43,270	...	6,43,270	6,48,248	6,43,270

* Chargeable to "43. Minor Works and Navigation—Provincials."

ADMINISTRATIVE ACCOUNTS FOR THE YEAR 1923-24.

MADRAS PRESIDENCY

PELANDORAI ANICUT SYSTEM—Canal Project.

No. 3.—Revenue Account for and to end of 1923-1924.

Receipts.	TOTAL.			Charges.	TOTAL.		
	Previous.	1923-1924.	Total.		Previous.	1923-1924.	Total.
I. DIRECT RECEIPTS—	RS.	RS.	RS.	I. EXTENSIONS AND IMPROVEMENTS—	RS.	RS.	RS.
5. Receipts from plantations	6,394	294	6,688	(1) Head works	16,584	486	17,070
6. Receipts from other canal produce	6,578	419	6,997	(2) Main canals and branches	44,447	380	44,827
7. Rents of buildings	847	33	880	(3) Distributaries	18,178	135	18,313
10. Fines	1	...	1	(4) Drainage and protective works	...	...	...
11. Miscellaneous	708	...	708	(5) Special tools and plant	...	...	...
Deduct—Refunds	6	...	6	Total	79,209	1,001	80,210
Total Revenue realized in Public Works Department	14,522	746	15,268	II. MAINTENANCE AND REPAIRS—	RS.	RS.	RS.
Irrigation Revenue realized in Civil Department	13,01,410	53,853	13,55,263	(1) Head works	2,27,212	1,958	2,29,170
Total, Direct receipts	13,15,932	54,599	13,70,531	(2) Main canals and branches	3,12,787	12,010	3,24,797
II. INDIRECT RECEIPTS—				(3) Distributaries	38,058	...	38,058
Share of land revenue collected in the Civil Department	4,499	76	4,575	(4) Drainage and protective works	123	...	123
Total, Indirect receipts	4,499	76	4,575	(5) Special tools and plant—Add—Unclassifiable outlay	...	...	...
Total, Public Works and Civil Departments, Revenue	13,20,431	54,675	13,75,106	Total	6,48,178	13,968	6,62,146
				Total, Extensions and Improvements and Maintenance and Repairs	7,27,387	14,969	7,42,356
				IV. ESTABLISHMENT	1,75,446	6,675	1,82,121
				V. TOOLS AND PLANT	4,783	188	4,971
				VI. REFUNDS OF REVENUE	30	...	30
				Deduct—Revenue of expenditure	16	...	16
				Total, Direct charges	9,07,650	20,782	9,28,432
				Share of collection charges in the Civil Department	66,090	2,897	68,987
				Indirect charges	28,918	931	29,849
				Total, Direct and Indirect charges	10,62,658	24,610	10,87,268
				Deduct—(a) Old maintenance charges saved to Government	7,325	168	7,493
				Net Total	9,95,313	24,442	10,19,755
				Balance, net revenue	3,25,118	30,483	3,55,601
				Grand Total	13,20,431	54,675	13,75,106

(a) Extensions and improvements	RS.
Maintenance and repairs	59
Establishment	48
Tools and plant	1
Total, Direct charges	108
Indirect charges	7
Grand Total	115

No. 4.—Interest Account for and to end of 1923-1924.

	Amount.		Amount.
Total interest charges to end of 1922-1923	RS. 8,81,990	Net revenue realized to end of 1922-1923	RS. 3,25,118
Total interest charges for the year 1923-1924	22,152	Net revenue realized during 1923-1924	30,483
Total	9,04,142	Balance, net interest charges	5,48,541
		Total	9,04,142

No. 5.—Account of Indirect Charges for and to end of 1923-1924.

Particulars.	Previous.	1923-1924.	Total.
CAPITAL—	RS.	RS.	RS.
Capitalization of abatement of land revenue	27,907	...	27,907
Leave and pension allowances	20,840	...	20,840
Audit and accounts	...	...	...
Total	48,747	...	48,747
REVENUE—			
Capitalization of abatement of land revenue	1,043	...	1,043
Leave and pension allowances	27,673	781	28,454
Audit and accounts	202	150	352
Total	28,918	931	29,849
Grand Total	77,665	931	78,596

IRRIGATION BRANCH.

PUBLIC WORKS DEPARTMENT.

PELANDORAI ANICUT SYSTEM—Canal Project—cont.

No. 6.—Statement comparing Charges to date with Sanctioned Estimates.

Particulars.	CHARGES AGAINST CLOSED SANCTIONS.			CURRENT SANCTIONS.			Total charges to date against old and current sanction.	Remarks.
	Expenditure against construction estimate.	Expenditure against open canal sanction.	Total.	Charges to date.	Amount of sanctioned estimate.	Unspent balance of estimate.		
<i>Direct Charges.</i>	RS.	RS.	RS.		RS.	RS.		
Works ..	3,32,345	1,88,292	5,20,637	..	3,920	3,920	5,20,637	
Establishment ..	73,999	43,368	1,17,367	..	980	980	1,17,367	
Tools and plant ..	4,438	1,626	6,064	..	78	78	6,064	
Suspense account ..	..	..	..	..	..	..	..	
Total ..	4,10,782	2,33,283	6,44,065	..	4,978	4,978	6,44,065	
Less—Receipts on Capital Account.	798	..	798	..	..	..	798	
Net Total ..	4,09,984	2,33,283	6,43,267	..	4,978	4,978	6,43,267	
<i>Indirect Charges.</i>								
Capitalized abatement of land revenue.	27,489	418	27,907	..	..	..	27,907	
Leave and pension allowances.	14,769	6,071	20,840	..	..	..	20,840	
Total ..	42,258	6,489	48,747	..	..	..	48,747	
Grand Total ..	4,52,242	2,39,775	6,92,017	..	4,978	4,978	6,92,017	

PANJAMPATTI RESERVOIR—Tank Project.

No. 2.—Capital Account for and to end of 1923-1924.

Heads of account.	DIRECT CHARGES.			Cost of construction as now estimated.	Expenditure against estimate.
	Previous	1923-1924.	Total.		
<i>I. WORKS—</i>	RS.	RS.	RS.	RS.	
(1) Head Works—					
A. Preliminary Expenses ..	936	..	936	1,020	..
B. Land ..	60,677	..	60,677	60,152	..
C. Works ..	23,706	..	23,706	12,362	..
K. Buildings ..	78	3	81	5,310	..
L. Earthwork ..	1,46,924	..	1,46,924	1,65,664	..
O. Miscellaneous (Unforeseen works) ..	11,919	..	11,919	7,960	..
P. Maintenance ..	2,134	618	2,752	486	..
Total ..	2,46,374	621	2,46,995	2,52,954	..
(3) Distributaries —					
A. Preliminary Expenses ..	425	..	425	880	..
B. Land ..	2,517	..	2,517	..	..
C. Works ..	1,460	..	1,460	..	..
L. Earthwork ..	957	..	957	11,005	..
O. Miscellaneous ..	..	..	..	..	..
Total ..	5,359	..	5,359	11,885	..
(5) Special tools and plant—					
Provision for unforeseen works ..	23,634	..	23,634	..	..
Total Works ..	2,28,099	621	2,28,720	2,64,839	..
<i>II. ESTABLISHMENT</i> ..	43,164	233	43,397	42,927	..
<i>III. TOOLS AND PLANT</i> ..	56,279	3	56,282	28,324	..
Grand Total ..	3,27,542	857	3,28,399	3,36,090	..
<i>V. Less—RECEIPTS ON CAPITAL ACCOUNT.</i>	687	16	703	..	..
(a) Net Total ..	3,26,855	841	3,27,696	3,36,090	..
Chargeable to 43. Provincial Irrigation ..	3,24,486	..	3,24,486	..	..
Do. to 55-A. Irrigation 2. Unproductive.	2,369	841	3,210	..	..
Total ..	3,26,855	841	3,27,696	..	..

ADMINISTRATIVE ACCOUNTS FOR THE YEAR 1923-24.

MADRAS PRESIDENCY

PANJAMPATTI RESERVOIR—Tank Project—cont.

No. 3.—Revenue Account for and to end of 1923-1924.

Receipts.	TOTAL.			Charges.	TOTAL.		
	Previous.	1923-1924.	Total.		Previous.	1923-1924.	Total.
<i>I. DIRECT RECEIPTS—</i>	RS.	RS.	RS.		RS.	RS.	RS.
5. Receipts from plantations ..	..	..	..	<i>I. EXTENSIONS AND IMPROVEMENTS—</i>			
6. Receipts from other canal produce ..	..	..	..	(1) Head works ..	..	..	..
11. Miscellaneous ..	..	..	..	(2) Main canals and branches ..	..	..	..
Total Revenue realized in Public Works Department ..	..	..	..	(3) Distributaries ..	..	..	..
Irrigation revenue realized in Civil Department ..	4,933	541	5,474	(4) Drainage and protective works ..	..	..	..
Total, Direct Receipts ..	4,933	541	5,474	(5) Special tools and plant ..	..	..	..
<i>II. INDIRECT RECEIPTS—</i>				Total ..	..	..	..
Share of land revenue collected in the Civil Department ..	381	381	762	<i>II. MAINTENANCE AND REPAIRS—</i>			
Total, Public Works and Civil Department Revenue ..	5,314	922	6,236	(1) Head works ..	..	..	..
				(2) Main canals and branches ..	..	..	..
				(3) Distributaries ..	..	..	..
				(4) Drainage and protective works ..	..	..	..
				(5) Special tools and plant ..	..	..	..
				Add—Unclassifiable outlay ..	..	..	..
				Total ..	..	..	..
				Total, Extensions and Improvements and Maintenance and Repairs ..	..	..	..
				<i>IV. ESTABLISHMENT</i> ..	..	..	..
				<i>V. TOOLS AND PLANT</i> ..	..	..	..
				<i>VI. REFUNDS OF REVENUE</i> ..	..	..	..
				Total, Direct Charges ..	..	..	..
				Share of collection charges in the Civil Department ..	246	27	273
				Indirect charges ..	..	..	..
				Total, Direct and Indirect Charges ..	246	27	273
				Balance, net revenue ..	5,068	895	5,963
Total, Receipts ..	5,314	922	6,236	Grand Total ..	5,314	922	6,236

No. 4.—Interest Account for and to end of 1923-1924.

	Amount.			Amount.	
	RS.			RS.	
Total interest charges to end of 1922-1923 ..	88,142		Net revenue realized to end of 1922-1923 ..	5,068	
Total interest charges for the year 1923-1924 ..	12,696		Net revenue realized during 1923-1924 ..	895	
			Balance, net interest charges ..	94,875	
Total ..	1,00,838		Total ..	1,00,838	

PANJAMPATTI RESERVOIR—*Tank Project*—cont.

No. 5.—Accounts of Indirect Charges for and to end of 1923-1924.

Particulars.	Previous.	1923-1924.	Total.
CAPITAL—	RS.	RS.	RS.
Capitalization of abatement of land revenue	5,396	..	5,396
Leave and pension allowances	6,043	32	6,075
Audit and accounts	16	6	22
Total ..	11,454	38	11,492
Grand Total ..	11,454	38	11,492

No. 6.—Statement comparing Charges to date with Sanctioned Estimates.

Particulars.	CHARGES AGAINST CLOSED SANCTIONS.			CURRENT SANCTIONS.			Total charges to date against old and current sanctions.	REMARKS.	
	Expenditure against construction estimate.	Expenditure against open canal sanction.	Total.	Charges to date.	Amount of sanctioned estimate.	Unspent balance of estimate.		G.O. No. and date.	Amount of estimate.
<i>Direct Charges.</i>				RS.	RS.	RS.	RS.	<i>Direct Charges.</i>	RS.
Works	..	..	..	2,28,720	2,64,839	36,119	2,28,720	228 L., 11th June 1917.	2,64,839
Establishment	..	..	..	43,897	42,927	- 470	43,897		
Tools and plant	..	..	..	56,282	28,324	- 27,958	56,282		
Suspense account	..	..	..	..	..	..	..		
Total ..	..	..	..	3,28,399	3,36,090	7,691	3,28,399		
<i>Less—Receipts on Capital Account</i>	..	..	..	703	..	- 703	703	228 L., 11th June 1917.	68,510
Net total ..	..	..	..	3,27,696	3,36,090	8,394	3,27,696		
<i>Indirect Charges.</i>									
Capitalized abatement of land revenue	..	..	..	5,396	62,500	57,104	5,396		
Leave and pension allowances	..	..	..	6,075	6,010	- 65	6,075		
Total ..	..	..	..	11,492	68,510	57,018	11,492		
Grand Total ..	..	..	..	3,39,188	4,04,600	65,412	3,39,188		