

# Government of Madras.

## PUBLIC WORKS DEPARTMENT (IRRIGATION)

**G.O. P. 38 I., 16th February 1924**

Report—Presidency—Irrigation—1922-23—Reviewed.  
Administrative

READ—the following part of the report of the Public Works Department, Irrigation Branch, Administration for the year 1922-23, Part II relating to Irrigation.

16th February 1924.

Order—No. 38 I., dated 16th February 1924. The Governor in Council has read with interest the administrative report of the Public Works Department (Irrigation Branch) for the year 1922-23.

His Excellency the Governor in Council has read with interest the administrative report of the Public Works Department (Irrigation Branch) for the year 1922-23.

1. *Season and crops*—The rainfall during the south-west monsoon was generally insufficient and the north-east monsoon on which the irrigation in the Presidency largely depends was very favourable and gave heavy rains. The net cropped area in the Presidency during the year under all the chief crops, both irrigated and dry, was 37,762,471 acres or 229,143 acres more than in the previous year. The area irrigated by Government works alone amounted to 7,335,502 acres or 19.4 per cent on the total cropped area. This was 1,666 acres more than in the previous year, the increase being due to the favourable character of the north-east monsoon.

2. *Season and crops*—The rainfall during the south-west monsoon was generally insufficient and the north-east monsoon on which the irrigation in the Presidency largely depends was very favourable and gave heavy rains. The net cropped area in the Presidency during the year under all the chief crops, both irrigated and dry, was 37,762,471 acres or 229,143 acres more than in the previous year. The area irrigated by Government works alone amounted to 7,335,502 acres or 19.4 per cent on the total cropped area. This was 1,666 acres more than in the previous year, the increase being due to the favourable character of the north-east monsoon.

3. The principal statistics of the year compare as shown below with those for the preceding year:—

Class of works.	Outlay.		Area irrigated.		Gross revenue.		Net revenue after deducting working expenses.	
	1922-23.	1921-22.	1922-23.	1921-22.	1922-23.	1921-22.	1922-23.	1921-22.
	RS.	RS.	ACS.	ACS.	RS.	RS.	RS.	RS.
<i>Works for which capital and revenue accounts are kept.</i>								
<b>A. Irrigation works—</b>								
(i) Productive ..	40,97,004	41,47,491	3,697,585	3,682,675	1,73,75,552	1,71,06,967	89,20,706	86,95,148
(ii) Unproductive ..	3,88,246	4,62,700	292,519	290,108	10,30,930	10,01,853	4,46,474	3,52,173
<b>B. Navigation, embankment and drainage works—</b>								
(i) Productive ..	..	..	..	..	75,637	81,329	—2,05,481	—1,78,559
(ii) Unproductive ..	2,81,118	2,62,800	..	..	..	..	..	..
<i>Works for which capital and revenue accounts are not kept.</i>								
(i) Irrigation works.	28,44,181	..	3,345,398	3,256,543	99,51,292	98,48,426	71,07,111	65,63,216
(ii) Navigation, embankment and drainage works.	..	..	..	..	77,659	78,231	—6,05,997	—6,80,037
			7,335,502	7,299,326		6,806	1,56,411	1,47,71,941

No. 38 I., 16TH FEBRUARY 1924

The figures of outlay include indirect charges. If direct charges alone be taken, the expenditure during the year amounted to Rs. 74.62 lakhs against the budget allotment of Rs. 80.68 lakhs and a final grant of Rs. 75.39 lakhs. The expenditure from contributions not included in the above figures amounted to Rs. 1,04,290.

4. The Toludur project in the South Arcot district was practically completed and brought into operation during the year.

5. The expenditure incurred on tank restoration scheme works during the year was Rs. 3,59,378 against Rs. 6,15,416 in 1921-22 and Rs. 5,36,005 in 1920-21. As a measure of retrenchment the tank restoration scheme divisions were abolished, the operations being carried on by subdivisions.

(By order of the Governor in Council)

P. HAWKINS,  
*Offg. Joint Secy. to Govt., P.W.D. (Irrigation).*

To the Superintending Engineers of Circles.

„ Revenue Department.

„ Finance Department.

„ Accountant-General, Madras.

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# PUBLIC WORKS DEPARTMENT

## MADRAS PRESIDENCY.

### ADMINISTRATION REPORT

FOR THE YEAR 1922-1923.

#### PART II—IRRIGATION.

##### CHAPTER I—GENERAL.

Colonel A. H. Morin, D.S.O., V.D., A.D.C., continued as Chief Engineer for Irrigation until the 14th February 1923, when he was appointed to officiate as Chief Engineer, Public Works Department. He was succeeded by M.R.Ry. Diwan Bahadur A. V. Ramalinga Ayyar Avargal, B.A., B.C.E., M.I.E. (Ind.). The post of Assistant Chief Engineer for Irrigation was held by M.R.Ry. R. Narasimha Ayyangar Avargal, B.A., B.E.

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 works as productive and unproductive was revised during the year upon the basis of the financial results of the three preceding years. There are no works in this Presidency under 'B. Navigation, embankment and drainage works—Productive.'

3. The total outlay incurred on irrigation works and the total revenue realized during the year under report was Rs. 82,94,205 and Rs. 2,85,10,170 against Rupees 88,96,369 and Rs. 2,81,16,806, respectively, in 1921-22. The area charged as irrigated was 7,335,502 acres against 7,229,326 acres in the previous year.

4. A. *Irrigation works—Productive.*—(1) There are 24 works of this class, of which the Toludur project was practically completed during the year. The canals of the Gōdāvari 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 4,017 $\frac{3}{8}$  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 3,697,585

	First crop.	Second crop.	
	ACS.	ACS.	
1922-23	3,219,911	477,674	acres against 3,682,675 acres in the previous year for the corresponding works. The increase under first crop occurred chiefly in the Gōdāvari and Kistna delta systems. Under second crop the decrease occurred under the Gōdāvari delta and Penner river canals systems, though there was an increase in the Palar anicut system. The reasons for variations are given under the respective systems in Chapter II.
1921-22	3,176,348	506,327	

(4) The capital outlay (direct and indirect) during the year was Rs. 6,73,958 against Rs. 7,67,237 in the previous year. The expenditure was incurred mainly on works in the Gōdāvāri and the Cauvery delta systems and on the Toludur project. Details of the works carried out are given in Chapter II.

(5) The gross working expenses of the year amounted to Rs. 37,64,156 against Rs. 37,19,742 in the previous year. The increase occurred chiefly under the Divi Pumping, the Periyar and the Srivaikuntam anicut systems. The increase under the Divi Pumping system was due to heavy pumping necessitated by poor rainfall during the transplantation season. Heavy expenditure was incurred under the Periyar system in closing the breaches caused by the floods in the Vaigai in November and December 1922. The increase under the Srivaikuntam anicut system was due to the repairs carried out to many of the tanks and channels under the system.

(6) The gross revenue of the year amounted to Rs. 1,73,75,552 against Rs. 1,71,06,967 in 1921-22. The increase was due to the rise in the extent of first crop irrigation.

(7) The net revenue derived and the profit realized after deducting interest charges amounted to Rs. 89,20,706 and Rs. 67,17,069 against Rs. 86,95,148 and Rs. 65,11,613 respectively in 1921-22. The net profit for the year amounts to 12.77 per cent and the profit after deducting interest charges, viz., Rs. 67,17,069 is 9.62 per cent on the total capital outlay of Rs. 6,98,48,491 to the end of the year against 3.27 per cent 25 years ago, i.e., in 1897-98. The accumulated profits to the end of the year amounted to Rs. 23.60 crores.

(8) The average revenue per acre amounted to Rs. 4.70 on the gross area and Rs. 5.66 on new irrigation. The working expenses per acre were Rs. 1.02 on the gross area and Rs. 1.57 on new irrigation.

(9) The remissions granted during the year amounted to Rs. 1,28,636 against Rs. 2,30,143 in the preceding year.

(10) The estimated value of crops produced amounted to Rs. 36,16,54,546 against Rs. 39,21,22,748 in the previous year.

5. "A. Irrigation works—Unproductive."—(1) There are 28 works of this class. One work—Bhrughubhanda project in the Guntūr district (estimate rupees 1,36,466) has not been commenced as it is proposed to be taken up only when the necessity for famine-relief arises.

(2) The capital outlay (direct and indirect) during the year was Rs. 23,817 against Rs. 32,238 in 1921-22. The bulk of the outlay was incurred on the Nagavalli river system and the Kaniyampalayam anicut.

(3) The total length of main and branch canals at the end of the year was 698 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 292,519 acres against 290,108 acres in 1921-22.

(5) The gross revenue amounted to Rs. 10,30,030 against Rs. 10,01,853 in the previous year. The increase is accounted for by the rise in the first crop area under the Kurnool-Cuddapah canal and by the fall in the amount of remission.

(6) The gross working expenses amounted to Rs. 4,00,142 against Rs. 4,63,562 in 1921-22. The decrease occurred chiefly under the Kurnool-Cuddapah canal and was due to estimates for certain works not having been sanctioned in time for execution during the year.

(7) The net revenue due to improvements amounted to Rs. 4,46,474 against Rs. 3,52,173 in the previous year. This represents a return of 1.11 per cent on the capital outlay of Rs. 4,03,92,133 to the end of the year. The net revenue, viz., Rs. 4,46,474 fell short of interest charges by Rs. 8,88,107 of which Rs. 6,14,695 is on account of the Kurnool-Cuddapah canal. This deficit represents 2.19 per cent on the capital outlay. Against this, however, must be set the value of the crops produced under these works, Rs. 1,85,83,609.

(8) The average revenue per acre amounted to Rs. 3.52 on the gross area and Rs. 4.39 on new irrigation. The working expenses per acre were Rs. 1.36 on the gross area and Rs. 1.97 on new irrigation.

(9) The remissions granted during the year amounted to Rs. 15,104 against Rs. 36,024 in the previous year.

(10) The estimated value of crops produced amounted to Rs. 1,85,83,609 against Rs. 2,17,37,836 in the preceding year, the reduction in value being due to the reduced market price of rice.

6. *B. Navigation, Embankment and Drainage works—Unproductive.*—There are three works of this class, viz., the Ganjām-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. 75,637 and Rs. 2,81,118 respectively against Rs. 81,329 and Rs. 2,59,888 in the previous year. There was thus a loss of Rs. 2,05,481 on the working of these canals against Rs. 1,78,559 in 1921-22. The value of goods carried during the year was Rs. 98,70,700.

7. *Navigation canals.*—Navigation was carried on as usual on the Dummagudem, Gōdāvāri, Kistna, Kurnool-Cuddapah, Buckingham, West Coast and Vedaranniyam canals. The total direct receipts amounted to Rs. 2,77,831 or Rs. 13,831 more than in the previous year. The increase occurred chiefly under annual license fees in the Gōdāvāri and Kistna canals.

Compared with the previous year there was an increase under 'ton mileage' and 'value of goods'. The number of passengers carried, however, decreased. The value of goods carried during the year was Rs. 17,53,20,550.

8. *Works for which capital and revenue accounts are not kept—Irrigation works.*—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 1922-23 ... ..	28,44,181	3,345,398	99,51,292
" 1921-22 ... ..	32,85,210	3,256,543	98,48,426
Average of the triennium ending 1921-22 ... ..	30,32,665	3,347,995	97,81,024

9. *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 82,603 square miles had been investigated. During the year under review an area of 1,006 square miles was investigated bringing the total to 83,609 square miles, but no new minor basins were entered upon for investigation. The remaining 5,719 square miles are still under investigation. In the area investigated works were completed for 76,431 square miles and in progress for 4,072 square miles. For the balance of 3,106 square miles works were not commenced. Thus about 81.57 per cent of the total area of 102,500 square miles affected by the scheme had been investigated up to 31st March 1923 leaving on that date a balance of 18,891 square miles. The estimates sanctioned for Tank Restoration Scheme works during the year amounted to Rs. 3,21,836 against Rs. 4,58,902 in the previous year. The decrease was due to the reduction of establishment as a measure of retrenchment.

(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. 1,61,68,956 against which the total expenditure incurred was Rs. 1,39,60,222 exclusive of charges for establishment and tools and plant. The expenditure during the year amounted to Rs. 3,59,378.

10. *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 year and the averages of the previous triennium :—

	Outlay incurred.	Revenue derived.
	RS.	RS.
During 1922-23 ... ..	6,83,656	77,659
" 1921-22 ... ..	7,38,268	78,231
Average of the triennium ending 1921-22 ... ..	7,04,597	94,076

River conservancy operations were carried on in the Gōdāvāri, Kistna, Cauvery, Coleroon and Tambraparni rivers and the results were generally satisfactory.

11. *Investigation of projects.*—(1) The estimate for the Cauvery Reservoir project was still under the consideration of the Government of India pending conclusion of negotiations with the Mysore Darbar. The Vengalapuram project in the Nellore district, the Velgode project in the Kurnool district and the improvements to the Kurnool-Cuddapah canal were also under consideration.

(2) In the Ganjām district estimates for improvements to the Girisula channel were under the consideration of the Chief Engineer for Irrigation. The Coringa Island project was under revision. The estimates for the Polavaram Island project were under the consideration of Government. Estimates for fitting higher shutters to the Kistna anicut at Bezwada and the Pratur Pumping scheme for the irrigation of 10,768 acres in the Tenali and Guntūr taluks by pumping water from the Kistna river were also under the consideration of Government. An estimate amounting to Rs. 9.33 lakhs for the diversion of the Nallamada drain in the Kistna delta was sanctioned. The estimate for the Thippayapalem Reservoir project in the Kurnool district was under scrutiny by the Chief Engineer for Irrigation. The estimates for making the Nilambur river in the Malabar district navigable for forest produce and for improvements to the Vadavar and the Veeranam tanks in the South Arcot district were still under consideration.

12. *Character of the season.*—The season in 1922–23 was on the whole favourable for agricultural operations. The rainfall during the south-west monsoon was below normal except in the Agency, Ganjām, South Arcot and Tanjore districts and on the West Coast. The north-east monsoon was very favourable. It burst in time and gave heavy rains from the middle of October to the end of November. The average fall for the Presidency was 39.31 inches against 34.60 inches in 1921–22 and 37.07 inches, the average of the five years ending 1921–22.

13. *Floods.*—During the year the highest flood in the Gōdāvāri was only 10.1 feet on the crest of the Dowlaishwaram anicut on the 5th September 1922 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 12.30 feet on the crest of the anicut at Bezwada on the 28th July 1922 against the record of 23.50 feet in October 1903. In the Tungabhadra the highest reading was 4.80 feet on the crest of the Sunkesala anicut on the 27th July 1922, the recorded maximum being 10. feet on the 31st October 1916. The maximum depth over the Adinimayapalli anicut across the Penner was 3.40 feet on the 12th November 1922, the highest recorded being 13.86 feet on the 26th October 1874. The Cauvery rose to 9.60 feet on the Cauvery dam north gauge on the 27th July 1922 against the recorded maximum of 14.67 feet in July 1911.

14. *Breaches and accidents.*—Owing to the very heavy rains in November 1922 several tanks in the Ongole, Narasaraopet and Palnad taluks breached and there were several breaches in the Commamur canal. The breaches in the canal were closed and repairs to the tanks were in progress. The Thoppadanaveli dam in the Cauvery delta collapsed in August 1922, and steps were taken to restore it. The floods during the year in the Vaigai were abnormal and caused serious breaches in the Periyar main canal. There was, however, no damage to crops owing to the prompt action taken. The Chinna Cumbum anicut across the Suruliyar was also washed away and an estimate for its restoration has been sanctioned. Owing to heavy floods in January 1923 the wings and face wall on the left side of the Marudayar undertunnel of the Ponneri channel in the Trichinopoly district collapsed and an estimate for their restoration was prepared and the work started.

15. The preparation of ayacut maps for the Kistna delta was in progress.

16. *Hydro-Electric Surveys.*—Detailed proposals of the Syndicate which had taken over the Periyar power concession were awaited. The Nilgiri Power Syndicate concluded their arrangements for the supply of power to Ootacamund and proposals for the working out of the scheme with financial assistance from the Government put forward by the Syndicate were under consideration. Concessions for the development of power from the Pykara in the Nilgiris and from the Kathuvadiar on the Kollimalais were granted. In connexion with the latter scheme

the terms of the licence to be granted were under consideration. The preliminary surveys of the seven schemes which were under investigation in the previous year were completed and three new schemes in the Wynad, viz., the Cholati-puzha, Thalipuzha and Ponapuzha schemes were reconnoitred.

17. The report on the localization of irrigable areas in the Gōdāvāri and Kistna deltas was under the consideration of the Chief Engineer for Irrigation.

18. The working of village panchayats in the management of irrigation channels about 26 in number in the Gōdāvāri delta was generally satisfactory.

19. The report of the Committee appointed to inquire into the present condition of irrigation and drainage in the Cauvery delta was prepared and printed.

## CHAPTER II—WORKS FOR WHICH CAPITAL AND REVENUE ACCOUNT ARE KEPT.

### A. IRRIGATION WORKS—PRODUCTIVE.

#### No. 1, Ganjam Minor Rivers System.

1. The capital outlay during the year amounted to Rs. 1,787 which was incurred chiefly on the improvements to the Jalagudem tank of Akkuvada and the construction of a surplus weir at 4 miles, 5 furlongs and 264 feet of the Garibulagedda channel. The latter work was completed during the year at a cost of Rs. 2,979 against the estimate of Rs. 2,890.

2. The expenditure under "Extensions and improvements" and "Maintenance and repairs" amounted to Rs. 2,172 and Rs. 13,032, respectively, against Rs. 338 and Rs. 9,568 in 1921-22.

3. The area irrigated was 64,502 acres under first crop and 7,001 acres under second crop against 64,864 acres and 7,426, respectively, in the previous year. The extent of sugarcane cultivation was 180 acres against 343 acres in the previous year.

4. The gross revenue amounted to Rs. 71,464 and the working expenses to Rs. 22,822. The net revenue was thus Rs. 48,642 against Rs. 59,387 in 1921-22. The profit after deducting interest charges was Rs. 39,774 which is 14.47 per cent on the capital outlay against 18.53 per cent in 1921-22.

#### No. 2, Godavari Delta System.

5. The capital outlay during the year amounted to Rs. 2,86,568. 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. 7,208 and to the end of the year Rs. 1,05,140. The work is expected to be completed in 1924-25.

(2) *Remodelling the Tossipudi North side channel (estimate Rs. 69,170).*—The outlay during the year was Rs. 4,438 and to the end of the year Rs. 40,182. The work is expected to be completed in 1924-25.

(3) *Improvements to the Ainapur drain (estimate Rs. 1,45,300).*—The outlay during the year was Rs. 15,887 and to the end of the year Rs. 1,44,068. 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. 5,007 and to the end of the year Rs. 15,219. The work is expected to be completed in 1923-24.

(5) *Constructing an undertunnel across the Bhatnavalli channel.*—The work was completed at a cost of Rs. 9,910 against the estimate of Rs. 10,300.

##### Western Delta.

(6) *Improvements to the upper portion of the Yenamadurru drain (estimate Rs. 9,87,822).*—The outlay during the year was Rs. 54,501 and to the end of the year Rs. 1,03,867.

(7) *Extending the right chamber wall of the Kakaraparru lock (estimate Rs. 4,000).*—The work was completed at a cost of Rs. 2,727.

6. *Working expenses—(a) Extensions and improvements.*—The expenditure was Rs. 13,274 against Rs. 21,923 in 1921-22 and Rs. 28,963, the average of the previous triennium.

(b) *Maintenance and repairs.*—The outlay under the head was Rs. 4,51,150 against Rs. 5,03,738 in the previous year and Rs. 4,33,309 the average of the triennium ending 1921-22.

7. The navigation receipts and charges amounted to Rs. 1,16,963 and Rupees 1,77,866 against Rs. 1,05,782 and Rs. 1,49,011, respectively, in the previous year. Under 'ton-mileage' the figure was 8,783,846 against 9,250,110 in 1921-22. The value of goods carried was estimated at Rs. 12,55,13,319 against Rs. 12,06,35,163 in the previous year.

8. The area irrigated was as shown below :—

Crop.	Average of the triennium ending 1921-22.		
	During 1921-22.	During 1922-23.	
	ACS.	ACS.	ACS.
First crop ... ..	762,011	755,358	772,108
Second crop ... ..	274,028	221,761	186,940

The increase under first crop was due to the irrigation of dry lands for want of timely rains. The fall under second crop was chiefly due to the unfavourable character of the season. The extent of sugarcane cultivation was 11,526 acres against 10,708 acres in the previous year.

9. The gross revenue and working expenses amounted to Rs. 41,31,451 and Rs. 10,29,225, respectively, against Rs. 41,02,387 and Rs. 10,38,688 in the previous year. The profit after deducting interest charges amounted to Rs. 26,16,278 which is 16.22 per cent on the capital outlay against 16.01 per cent in 1921-22 and 16.64 per cent in 1920-21.

10. The supply in the first crop season was good, but owing to unusually heavy rainfall in November, the outturn was not quite good.

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

Canals.	Date of closure.	Date of re-opening
Eastern delta canals ... ..	24th April 1922	5th June 1922
Central delta canals ... ..	15th April 1922	31st May 1922
Western delta canals ... ..	1st May 1922	"
Dummagudem canal ... ..	25th March 1922	20th June 1922

### No. 3, Kistna Delta System.

11. The capital outlay during the year was Rs. 40,175. The following were the important works carried out during the year :—

(1) *Constructing a combined lock and regulator at 27/2 mile of Pulleru canal (estimate Rs. 52,000).*—The outlay during the year was Rs. 23,948 and to the end of the year Rs. 59,892. The work was almost completed.

(2) *Improvements to the branch channels and distributaries of the Kollipara channel (estimate Rs. 18,900).*—The work was completed at a cost of Rs. 15,997.

(3) *Excavating the Pamarru channel diversion (estimate Rs. 14,200).*—The outlay during the year was Rs. 2,504 and to the end of the year Rs. 13,166. The work was nearing completion.

(4) *Constructing an arched bridge over the Commamur canal at Duggirala (estimate Rs. 20,100).*—This is a part contribution work in progress. The total outlay to the end of the year was Rs. 19,927.

12. *Working expenses—(a) Extensions and improvements.*—The outlay was Rupees 28 against Rs. 13,157 in 1921-22 and Rs. 12,756 the average of the previous sum.

(b) *Maintenance and repairs.*—The expenditure under the head was Rupees 2,85,748 against Rs. 3,38,359 in the previous year and Rs. 3,35,257, the average of the triennium ending 1921-22. Increased expenditure was incurred in 1921-22 on the execution of some special repair works and on silt clearance on a large scale.

13. The navigation receipts and charges amounted to Rs. 79,501 and Rs. 93,095 against Rs. 73,288 and Rs. 1,27,849, respectively, in 1921-22. The figure under 'ton-mileage' was 11,927,733 against 9,841,699 in 1921-22. The value of goods carried was Rs. 2,58,13,089 against Rs. 1,57,37,692 in the previous year.

14. The area irrigated was as shown below :—

Crop.	Average of the triennium ending 1921-22.		
	During 1921-22.	During 1922-23.	
	ACS.	ACS.	ACS.
First crop ... ..	731,840	737,727	755,998
Second crop ... ..	5,283	2,142	3,523

The increase under first crop was due to the increase in the cultivation under 'occupied wet' and 'dry irrigated'. The extent of sugarcane cultivation was 375 acres against 221 acres in the previous year.

15. The gross revenue and working expenses amounted to Rs. 38,49,302 and Rs. 6,82,123, respectively, against Rs. 37,00,523 and Rs. 7,75,615 in the previous year. The profits after paying interest charges amounted to Rs. 26,35,572, which represents a return of 15.68 per cent on the capital outlay against 14.28 per cent in 1921-22 and 14.76 per cent in 1920-21.

16. In the Eastern delta the rains failed badly in the beginning of the irrigation season and there were heavy showers at the wrong time of the year. But the supply in the river was throughout good, which helped the crops in spite of irregular rainfall. The cyclone in November 1922 spoiled the crops a good deal. Transplantation began from the 21st June and continued till the 10th September. Owing to 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. In the western delta the rainfall was nearly 13 inches less than in the previous year. Between August and October 1922 there was very little rain and it was very difficult to supply water for transplantation which was carried on even in September. Regulation of water-supply by turns had to be adopted for some time even in October 1922.

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 1922	15th March 1923
Western delta main canal ... ..	9th June 1922	22nd March 1923

#### No. 4, Divi Pumping System.

17. The capital outlay during the year amounted to Rs. 31,558 which was incurred chiefly on the following works :—

(1) *Acquiring and demarcating margins along channels and distributaries.*—The outlay to the end of the year was Rs. 5,021 against the estimate of Rs. 8,700. The work was nearing completion.

(2) *Installing a ninth engine and pump at Divi (estimate Rs. 3,16,000).*—The iron work in connexion with the extension of the engine house was received at the site. The ninth engine and pump are expected in 1924.

18. The expenditure under "Extensions and improvements" and "Maintenance and repairs" amounted to Rs. 500 and Rs. 1,17,255, respectively, against Rs. 2,831 and Rs. 82,808 in the previous year. The excess under "Maintenance and repairs" was due to heavy pumping necessitated by poor rainfall during the transplantation season.

19. The area irrigated was 37,755 acres first crop against 40,135 acres in the previous year. The decrease was due to the unfavourable character of the season.

20. The gross revenue and working expenses amounted to Rs. 2,35,072 and Rs. 1,83,718, respectively, against Rs. 2,32,105 and Rs. 1,34,424 in the previous year. The net revenue was Rs. 51,354. The deficit after paying interest charges was Rs. 17,726 which is 0·86 per cent on the capital outlay against a profit of 1·45 per cent in 1921-22.

21. The season was unfavourable and pumping was commenced on the 12th June 1922. Transplantation was commenced on the 10th July and was completed by the 10th September. The irrigation season lasted for 168 days against 162 days in 1921-22. The rainfall was poor and direct supply was drawn from the river for only one day against nine days in the previous year. Pumping was necessary for 125 days against 104 days in the previous year. Owing to engine troubles, the supply pumped was not satisfactory.

### No. 5, Penner River Canals System.

22. The capital outlay during the year amounted to Rs. 7,435, which was incurred on the following works:—

(1) *Providing surplus arrangements in Thotapalli-Gudur and Varakaripudi tanks (estimate Rs. 9,320).*—The outlay to the end of the year was Rs. 7,091. The work was nearing completion.

(2) *Improvements to the Eastern channel head sluice, Kanigiri reservoir (estimate Rs. 1,600).*—The outlay to the end of the year was Rs. 990. As by the time the shutters were received the reservoir had its supply of water, the work of fitting up the shutters had to be postponed.

23. The expenditure under “Extensions and improvements” and “Maintenance and repairs” was Rs. 2,372 and Rs. 97,781, respectively, against Rs. 4,826 and Rs. 93,139 in 1921-22.

24. The area irrigated was 157,329 acres first crop and 17,541 acres second crop against 156,226 acres and 37,840 acres, respectively, in the previous year. The decrease under second crop was due to insufficient supply in the reservoirs. The extent of indigo cultivation was 2,805 acres against 4,046 acres in 1921-22.

25. The gross revenue amounted to Rs. 6,14,357 and the working expenses to Rs. 1,46,398. The net revenue was Rs. 4,67,959 against Rs. 5,48,487 in 1921-22. The profits after deducting interest charges amounted to Rs. 2,76,936 which represents a return of 4·11 per cent on the capital outlay against 5·31 per cent in 1921-22. The decrease was due to the unfavourable season.

26. The season was peculiarly bad. Local rains and floods in the river held off till the 12th October 1922. The area under the long-term crop was much smaller than usual. A late crop was raised which required water during the second crop season of normal years. Even this late first crop under the Nellore anicut would have suffered but for the rains and freshes in the Penner towards the end of February.

### No. 6, Arkenkota channel.

27. No expenditure was incurred under capital account.

28. The outlay under “Extensions and improvements” and “Maintenance and repairs” was Rs. 200 and Rs. 6,507, respectively, against Rs. 3,924 under “Maintenance and repairs” in the previous year.

29. The area irrigated was 4,548 acres first crop and 454 acres second crop against 4,526 acres and 530 acres, respectively, in 1921-22.

30. The gross revenue amounted to Rs. 18,724 and the working expenses to Rs. 9,261. The net revenue was thus Rs. 9,463 against Rs. 13,953 in 1921-22. The profit after paying interest charges was Rs. 4,782 which is 3·31 per cent on the capital outlay against 6·42 per cent in 1921-22.

**No. 7, Thadapalli channel.**

31. No expenditure was incurred under capital account.

32. The outlay under "Extensions and improvements" and "Maintenance and repairs" was Rs. 475 and Rs. 14,837, respectively, against Rs. 164 and Rs. 9,979 in the previous year.

33. The area irrigated was 15,167 acres first crop and 1,941 acres second crop against 15,124 acres and 1,850 acres, respectively, in 1921-22.

34. The gross revenue amounted to Rs. 65,204 and the working expenses to Rs. 20,062. The net revenue was thus Rs. 45,142 against Rs. 51,965 in 1921-22. The profit after deducting interest charges was Rs. 39,664 which is 22.56 per cent on the capital outlay against 26.44 per cent in 1921-22.

**No. 8, Kalingarayan channel.**

35. No expenditure was incurred under capital account.

36. The outlay under 'Extensions and improvements' and 'Maintenance and repairs' was Rs. 4 and Rs. 7,758 against Rs. 364 and Rs. 8,804 in the previous year.

37. The area irrigated was 11,964 acres first crop and 10,133 acres second crop against 12,041 acres and 9,766 acres respectively in 1921-22.

38. The gross revenue amounted to Rs. 46,753 and the working expenses to Rs. 7,642. The net revenue was thus Rs. 39,111 against Rs. 34,456 in the previous year. The profit after deducting interest charges was Rs. 33,259 which is 18.43 per cent on the capital outlay against 15.85 per cent in 1921-22.

**No. 9, Palar Anicut System.**

39. No expenditure was incurred under capital account.

40. The expenditure under 'Extensions and improvements' was Rs. 4,991 and under 'Maintenance and repairs' Rs. 35,711 against Rs. 6,060 and Rs. 32,037 respectively in 1921-22.

41. The area irrigated was 80,509 acres first crop and 29,613 acres second crop against 74,951 acres and 17,343 acres respectively in 1921-22. The increase was due to the favourable character of the season.

42. The gross revenue amounted to Rs. 2,48,767 and the working expenses to Rs. 65,144. The net revenue was thus Rs. 1,83,623 against Rs. 1,06,053 in the previous year. The profit after deducting interest charges was Rs. 1,05,469 which is 4.29 per cent on the capital outlay against 1.14 per cent in 1921-22.

43. There were no floods in the Palar river during the year and water did not pass over the crest of the anicut.

**No. 10, Chembrambakkam Tank.**

44. No expenditure was incurred under capital account.

45. There was no expenditure under 'Extensions and improvements.' The outlay under 'Maintenance and repairs' was Rs. 6,876 against Rs. 8,913 in 1921-22.

46. The area irrigated was 13,257 acres first crop and 3,570 acres second crop against 13,196 acres and 6,048 acres respectively in the previous year. The fall under second crop was due to late rains.

47. The gross revenue amounted to Rs. 41,408 and the working expenses to Rs. 4,032. The net revenue was thus Rs. 37,376 against Rs. 43,561 in the previous year. The profit after deducting interest charges was Rs. 15,457 which is 2.02 per cent on the capital outlay against 2.83 per cent in 1921-22.

**No. 11, Valluru Anicut System.**

48. No expenditure was incurred under capital account.

49. The expenditure under 'Extensions and improvements' was Rs. 1,121 and under 'Maintenance and repairs' Rs. 10,406 against Rs. 4,461 under the latter head in 1921-22. The increase under 'Maintenance and repairs' was due to the repairs carried out to the Vallur main channel and the Korteliar left bank.

50. The area irrigated was 5,206 acres first crop and 135 acres second crop against 5,173 acres and 267 acres respectively in the previous year.

51. The gross revenue amounted to Rs. 3,633 and the working expenses to Rs. 13,975. There was thus a deficit of Rs. 10,342 or 13.55 per cent of the capital outlay against Rs. 255 or 0.33 per cent in 1921-22.

#### No. 12, Poiney Anicut System.

52. The capital outlay amounted to Rs. 5,714, which was incurred on fitting the Poiney Eastern channel head sluice with lift shutters. The shutters were received during the year and fitted. The expenditure on the work to the end of the year was Rs. 25,978 against the estimate of Rs. 26,000. The work is expected to be completed in 1923-24.

53. The outlay under 'Extensions and improvements' was Rs. 998 and under 'Maintenance and repairs' Rs. 12,004 against Rs. 1,444 and Rs. 13,147 respectively in 1921-22.

54. The area irrigated was 23,100 acres first crop and 5,199 acres second crop against 21,507 acres and 4,962 acres respectively in the previous year. The extent of sugarcane cultivation was 48 acres against 51 acres in the previous year.

55. The gross revenue amounted to Rs. 76,294 and the working expenses to Rs. 18,000. The net revenue was thus Rs. 58,294 against Rs. 44,122 in the previous year. The profit after deducting interest charges was Rs. 47,446, which is 15.66 per cent on the capital outlay against 11.31 per cent in 1921-22.

56. The highest flood occurred on the 23rd November 1922, when 1.20 feet of water passed over the crest of the anicut against the recorded maximum of 7.71 feet on the 1st November 1888.

#### No. 13, Cheyyar Anicut System.

57. The capital outlay amounted to Rs. 5,678 which was incurred on 'Improvements' to the Molagiripattu and Kadagampundi tanks. The outlay on the work to the end of the year was Rs. 31,652 against the estimate of Rs. 47,120. The work is expected to be completed in 1923-24.

58. The expenditure under 'Extensions and improvements' and 'Maintenance and repairs' was Rs. 3,199 and Rs. 27,030 respectively against Rs. 5,068 and Rs. 22,945 in 1921-22.

59. The area irrigated was 21,918 acres first crop and 14,439 acres second crop against 20,849 acres and 11,329 acres respectively in the previous year. The extent of sugarcane cultivation was 51 acres against 23 acres in 1921-22.

60. The gross revenue amounted to Rs. 78,676 and the working expenses to Rs. 42,705. The net revenue was thus Rs. 35,971 against Rs. 29,772 in the previous year. The profit after paying interest charges was Rs. 19,514 which is 4.03 per cent on the capital outlay against 2.81 per cent in 1921-22.

61. The highest flood occurred on the 12th November 1922, when 3.60 feet of water passed over the crest of the anicut against the recorded maximum of 12.90 feet on the 31st December 1903.

#### No. 14, Tirukkoyilur Anicut System.

62. The capital outlay amounted to Rs. 312 which was incurred on extending the Tiruvamathur anicut across the Pombay channel. The work was completed at a cost of Rs. 6,635 against the estimate of Rs. 6,800.

63. The outlay under 'Extensions and improvements' and 'Maintenance and repairs' was Rs. 1,981 and Rs. 20,704 respectively against Rs. 511 and Rs. 13,734 in 1921-22. The increase under the latter head was due to the execution of a large number of repair works considered necessary.

64. The area irrigated was 27,073 acres first crop and 5,442 acres second crop against 27,228 acres and 6,319 acres respectively in the previous year. The extent of sugarcane cultivation was 264 acres against 339 acres in 1921-22.

65. The gross revenue and working expenses amounted to Rs. 76,999, and Rs. 27,747 respectively against Rs. 77,922 and Rs. 17,762 in the previous year. The profit after deducting interest charges was Rs. 36,549 equivalent to a return of 9.47 per cent on the capital outlay against 12.37 per cent in 1921-22.

66. The highest flood during the year was 4.20 feet over the crest of the anicut on the 10th November 1922 against the recorded maximum of 11.70 feet on the 31st December 1903.

#### **No. 15, Shatiatope Anicut System.**

67. There was no capital outlay during the year but the capital account of the system was credited with a small sum of Re. 1.

68. The expenditure under 'Extensions and improvements' and 'Maintenance and repairs' was Rs. 5,940 and Rs. 22,511 against Rs. 872 and Rs. 25,185 respectively in 1921-22. The increase under the former head was due to the execution of certain special works during the year.

69. The area irrigated was 32,066 acres first crop and 6,934 acres second crop against 32,038 acres and 6,648 acres respectively in the previous year.

70. The gross revenue and working expenses amounted to Rs. 1,43,120 and Rs. 43,299 respectively against Rs. 1,41,652 and Rs. 43,480 in 1921-22. The profit after deducting interest charges was Rs. 69,380 equivalent to a return of 7.13 per cent on the capital outlay against 6.96 per cent in 1921-22.

71. The highest flood level during the year was 11.7 feet over the crest of the anicut on the 14th January 1923 against the recorded maximum of 19.50 feet in 1880.

#### **No. 16, Toludur Project.**

72. The bridge portion of the Regulator having been completed and opened for traffic, a beginning was made in the erection of shutters. Ten out of 16 shutters were assembled. The main supply channel from the Regulator, the head sluices for the irrigation channels from the Reservoir and the main channels and branches, and some of the distributaries were completed in all respects. The expenditure on the project during the year was Rs. 1,66,855 and to the end of the year Rs. 24,33,771 against the estimate of Rs. 32,10,000.

73. An extent of 740 acres of land was for the first time brought under cultivation during the year and the water-rate charged was Rs. 4,626.

#### **No. 17, Mehamattur Anicut System.**

74. No expenditure was incurred under capital account.

75. The outlay under 'Extensions and improvements' and 'Maintenance and repairs' amounted to Rs. 2,003 and Rs. 1,584 respectively against Rs. 87 and Rs. 4,298 in the previous year.

76. The area irrigated was 4,818 acres first crop and 407 acres second crop against 4,560 acres and 442 acres respectively in 1921-22. The extent of sugarcane cultivation was 152 acres against 143 acres in the previous year.

77. The gross revenue and working expenses amounted to Rs. 22,104 and Rs. 5,071 respectively against Rs. 17,744 and Rs. 6,468 in 1921-22. The profit after deducting interest charges was Rs. 14,537 equivalent to a return of 19.28 per cent on the capital outlay against 11.66 per cent in the previous year.

78. The highest flood was on the 1st December 1922 when it rose to 6.80 feet over the crest of the anicut against the highest recorded level of 9 feet on the 26th November 1920.

#### **No. 18, Vriddhachalam Anicut System.**

79. No expenditure was incurred under capital account.

80. The outlay under 'Extensions and improvements' and 'Maintenance and repairs' amounted to Rs. 397 and Rs. 3,124 respectively against Rs. 517 and Rs. 3,240 in 1921-22.

81. The area irrigated was 8,415 acres first crop and 684 acres second crop against 8,410 acres and 303 acres respectively in the previous year. The extent of sugarcane cultivation was 138 acres against 43 acres in 1921-22.

82. The gross revenue and working expenses amounted to Rs. 30,557 and Rs. 6,269 respectively against Rs. 27,847 and Rs. 6,998 in 1921-22. The profit after deducting interest charges was Rs. 21,489 equivalent to a return of 24.79 per cent on the capital outlay against 20.82 per cent in the previous year.

83. The highest flood level was 7.50 feet on the 1st December 1922, the maximum recorded level being 13.25 feet on the 10th November 1913.

#### No. 19, Lower Coleroon Anicut System.

84. No expenditure was incurred under capital account.

85. The outlay under 'Extensions and improvements' and 'Maintenance and repairs' was Rs. 11,006 and Rs. 91,053 respectively against Rs. 28,421 and Rs. 79,321 in 1921-22. The increase under the latter head was due to the closing of breaches caused by the heavy floods of December 1922 and January 1923.

86. The area irrigated was 109,262 acres first crop and 7,093 acres second crop against 109,127 acres and 6,162 acres respectively in the previous year. The extent of sugarcane cultivation was 103 acres against 201 acres in 1921-22.

87. The gross revenue and working expenses amounted to Rs. 4,04,902 and Rs. 1,47,926 respectively against Rs. 4,05,873 and Rs. 1,69,906 in the previous year. The profit after deducting interest charges was Rs. 1,94,701 representing a return of 10.02 per cent on the capital outlay against 8.93 per cent in 1921-22.

88. The maximum flood level at the Lower Anicut was 12.0 feet on the 3rd December 1922 against the recorded maximum of 17.10 feet in 1896.

#### No. 20, Cauvery Delta System.

89. The capital outlay during the year amounted to Rs. 1,17,874 which was incurred chiefly on the following works:—

(1) *Converting the Kanjivoy dam across the Nandalar into a regulator (estimate Rs. 9,800).* The expenditure to the end of the year was Rs. 9,472. The work was almost completed.

(2) *Converting the Nedumarudur dam across the Manjalar into a regulator (estimate Rs. 14,350).* The expenditure to the end of the year was Rs. 8,760. The work is expected to be completed in 1923-24.

(3) *Improvements to St. Lawford's cut (estimate Rs. 1,80,000).* The outlay during the year was Rs. 37,717 and to the end of the year Rs. 1,11,456. The work on the girder bridge and the excavation of the cut to—2.00 were completed and the cut was opened during the year.

(4) *Constructing a regulator across the Korayar in Veeranvoyal limits (estimate Rs. 55,300).* The outlay during and to the end of the year was Rs. 10,984 and Rs. 36,347 respectively. Foundations were laid and superstructure built. Shutters were also fixed.

(5) *Improvements to the Pokku voikal (estimate Rs. 13,800).* The work was completed at a cost of Rs. 12,357.

(6) *Improvements to the Vettar lower reach (estimate Rs. 8,700).* The work was not taken up for execution this year as proposed. An outlay of Rs. 2,605 was incurred to the end of the year on the shutter articles.

(7) *Constructing a regulator across the Nallar (estimate Rs. 19,000).* The work was not taken up for execution this year. The outlay incurred on shutter articles to the end of the year was Rs. 5,316.

(8) *Constructing a regulator across the Kaduwayar (estimate Rs. 30,700).* The outlay during and to the end of the year was Rs. 14,342 and Rs. 17,888 respectively. The work is expected to be completed in 1923-24.

(9) *Reconstructing the Thoppadanaveli dam (estimate Rs. 1,14,000).* The work was started during the year and the outlay was Rs. 13,305.

90. *Working expenses--*

(a) *Extensions and improvements.*—The expenditure was Rs. 1,27,863 against Rs. 53,276 in 1921-22, and Rs. 52,465, the average of the previous triennium. The increase was due to the improvements carried out to the Grand Anicut, for which an estimate amounting to Rs. 1,43,800 was sanctioned during the year.

(b) *Maintenance and repairs.*—The outlay was Rs. 3,75,541 against Rs. 4,12,725 in the previous year and Rs. 3,03,759, the average of the triennium ending 1921-22. Increased expenditure was incurred during 1921-22 and 1922-23 on the closing of breaches and the strengthening of weak parts of river banks.

91. The area irrigated was as shown below :—

Crop.	Average of the triennium ending 1921-22.	During 1921-22.	During 1922-23.
	ACS.	ACS.	ACS.
First crop ... ..	895,831	893,572	894,371
Second crop ... ..	98,049	86,612	92,488

The extent of sugarcane cultivation was 1,036 acres against 730 acres in the previous year.

92. The gross revenue was Rs. 10,75,828 against Rs. 10,71,329 in 1921-22 and Rs. 10,81,122, the average of the previous triennium. The working expenses amounted to Rs. 5,97,450 against Rs. 5,94,554 in the previous year and Rs. 3,96,553, the average of the triennium ending 1921-22. The net revenue of the year was Rs. 4,78,378 against Rs. 4,76,775 in 1921-22 and Rs. 6,84,569, the average of the previous triennium. The profit after deducting interest charges amounted to Rs. 3,19,921 which is 6.69 per cent on the capital outlay against 6.92 per cent in 1921-22 and 14.27 per cent in 1920-21.

93. There were heavy rains in the delta during November 1922 and January 1923, but the damage done to standing crops was not appreciable as the rainfall was not evenly spread over the whole delta.

### No. 21, Nandyar Channel System.

94. No expenditure was incurred under capital account.

95. The outlay under "Maintenance and Repairs" was Rs. 2,574 against Rs. 3,822 in 1921-22.

96. The area irrigated was 6,607 acres first crop and 2,711 acres second crop against 5,614 acres and 2,396 acres respectively in the previous year.

97. The gross revenue and working expenses amounted to Rs. 6,433 and Rs. 772 respectively against Rs. 6,238 and Rs. 1,260 in 1921-22. The profit after deducting interest charges was Rs. 5,068 equivalent to a return of 7.71 per cent on the capital outlay against 4.31 per cent in the previous year.

### No. 22, Periyar System.

98. The capital outlay during the year amounted to Rs. 2,119 which was incurred on four small works.

99. *Working expenses—(a; Extensions and improvements.*—The outlay was Rs. 8,817 against Rs. 4,454 in 1921-22.

(b) *Maintenance and repairs.*—The expenditure was Rs. 1,39,549 against Rs. 1,29,306 in the previous year. The increase was due to certain urgent works carried out 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.

100. The area irrigated compared as shown below :—

Crop.	Average of the triennium ending 1921-22.			During 1921-22.		During 1922-23.	
	ACS.	ACS.	ACS.	ACS.	ACS.	ACS.	ACS.
First crop ... ..	129,544	130,154	130,799	130,154	130,799	130,799	130,799
Second crop ... ..	48,709	45,612	47,041	45,612	47,041	47,041	47,041

101. The gross revenue and working expenses amounted to Rs. 8,33,857 and Rs. 2,46,626 respectively against Rs. 8,15,018 and Rs. 2,09,364 in 1921-22. The net revenue was thus Rs. 5,87,231. The profit after deducting interest charges amounted to Rs. 2,43,415 which is 2.28 per cent on the capital outlay against 2.40 per cent in 1921-22 and 2.63 per cent in 1920-21.

102. The rainfall was above the average. The general condition of the crop was good and water-supply sufficient. Although the floods during the year were unprecedented and caused serious breaches in the Periyar main canal there was no damage to crops. The highest flood during the year in the Vaigai at Peranai was recorded on the 1st December 1922. The front reading at the regulator with nine shutters opened 17 feet each was 19.85 feet and rear reading 18.40 feet.

The highest level in the Periyar lake was 153.00 on the 30th November 1922. The head sluice was opened for irrigation at lake level 140.35 on the 11th June 1922 and closed on the 13th March 1923. The ryots' request to keep the head sluice open for some days more could not be complied with.

#### No. 23, Srivaikuntam Anicut System.

103. The capital outlay during the year amounted to Rs. 7,884 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. 7,022 against the estimate of Rs. 8,180.

104. The expenditure under "Extensions and Improvements" and "Maintenance and Repairs" amounted to Rs. 19,280 and Rs. 35,136 respectively against Rs. 1,455 and Rs. 21,002 in 1921-22. The large increase under the former head was due mainly to the improvements carried out to the drainage of wet lands under the Perungulam tank. The repairs carried out to many tanks and channels accounted for the increase under "Maintenance and Repairs".

105. The area irrigated was 25,572 acres first crop and 19,115 acres second crop against 25,521 acres and 16,513 acres respectively in 1921-22.

106. The gross revenue and working expenses amounted to Rs. 1,66,056 and Rs. 90,822 respectively against Rs. 1,58,206 and Rs. 34,384 in 1921-22. The net revenue for the year was thus Rs. 75,234. The profit after deducting interest charges was Rs. 18,655 representing a return of 1.05 per cent on the capital outlay against 3.80 per cent in 1921-22 and 3.99 per cent in 1920-21.

107. The rainfall was above the average. The highest flood in the Tambra-pani was recorded on the 2nd December 1922, the depth over the Srivaikuntam anicut crest being 7.39 feet. The highest recorded depth was 12.50 feet on the 4th December 1914.

#### No. 24, Marudur Anicut System.

108. There was no expenditure under capital account.

109. The outlay under "Extensions and Improvements" and "Maintenance and Repairs" was Rs. 884 and Rs. 8,840 against Rs. 379 and Rs. 6,219 respectively in 1921-22.

110. The area irrigated was 17,567 acres first crop and 15,266 acres second crop against 17,447 acres and 14,065 acres respectively in the previous year.

111. The gross revenue and working expenses amounted to Rs. 1,02,791 and Rs. 13,501 respectively against Rs. 97,549 and Rs. 7,843 in 1921-22. The profit after deducting interest charges was Rs. 87,610 representing a return of 169.11 per cent on the capital outlay against 169.91 per cent in the previous year.

**CHAPTER III—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. 6,075 which was incurred on the following works :—

(i) *Constructing a masonry drop at the tail end of the 16th distributary of the Rushikulya canal.*—The outlay to the end of the year was Rs. 6,913 against the estimate of Rs. 7,980.

(ii) *Excavating a minor distributary for Bolladi and Inginati villages.*—The work was started during the year under an estimate of Rs. 3,150 and the outlay was Rs. 2,256.

2. The expenditure under “Extensions and Improvements” and “Maintenance and Repairs” was Rs. 3,424 and Rs. 41,597 respectively against Rs. 2,624 and Rs. 44,819 in 1921-22.

3. The area irrigated was 107,844 acres first crop and 1,142 acres second crop against 108,575 acres and 1,294 acres respectively in the previous year. The extent of sugarcane cultivation was 645 acres against 172 acres in 1921-22.

4. The gross revenue and working expenses amounted to Rs. 1,93,154 and Rs. 81,777 against Rs. 1,93,534 and Rs. 80,293 respectively in the previous year. The net revenue was therefore Rs. 1,11,737 which represents a return of 2.17 per cent on the capital outlay against 2.21 per cent in 1921-22.

5. There were no floods of magnitude during the year and the average rainfall in the catchment area was 54.24 inches against 43.61 inches of the previous year, and gauges were read at 3 stations, the quantity recorded being 45.56 inches during the south-west and 4.58 inches in the north-east monsoon. The outturn of crops was on the whole good. The water-level in the Russellkonda reservoir was 25.10 feet on the 14th July 1922 when it was first opened for irrigation and the reading of the Surada reservoir was 21.65 feet on the 6th August 1922 when it was first opened.

**No. 26, Nagavalli River System.**

6. The capital outlay during the year amounted to Rs. 8,494, 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. 2,909 and Rs. 11,084 respectively against Rs. 3,097 and Rs. 13,394 in 1921-22.

8. The area irrigated was 24,576 acres first crop and 1,110 acres second crop against 24,233 acres and 1,407 acres respectively in the previous year. The extent of sugarcane cultivation was 87 acres against 21 acres in 1921-22.

9. The gross revenue amounted to Rs. 78,962 and the working expenses to Rs. 23,666. The net revenue was therefore Rs. 55,296 which represents a return of 3.22 per cent on the capital outlay against 2.95 per cent in the previous year.

10. The season was not favourable and the rainfall was unsatisfactory.

**No. 27, Muniyeru System.**

11. There was no expenditure under capital account.

12. The outlay under “Extensions and Improvements” and “Maintenance and Repairs” amounted to Rs. 54 and Rs. 6,767 respectively against Rs. 217 and Rs. 7,698 in the previous year.

13. The area irrigated was 6,170 acres first crop against 6,155 acres in 1921-22.

14. The gross revenue and working expenses amounted to Rs. 22,846 and Rs. 11,989 respectively. The net revenue was therefore Rs. 10,857 or 1.81 per cent on the capital outlay against Rs. 9,458 or 1.58 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. 258.
17. The area irrigated was 137 acres under first crop against 133 acres in the previous year.
18. The net revenue after deducting working expenses amounted to Rs. 2,393 or 3.77 per cent on the capital outlay against Rs. 1,607 or 1.53 per cent in 1921-22.

**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 "Extensions and Improvements" and "Maintenance and Repairs" was Rs. 2 and Rs. 456 respectively against Rs. 322 under the latter head in the previous year.
22. The area irrigated was 760 acres under first crop against 741 acres in 1921-22.
23. The net revenue after deducting working expenses amounted to Rs. 403 or 0.56 per cent on the capital outlay against Rs. 432 or 0.61 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 Rs. 1,234, against Rs. 372 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 742 acres under first crop against 764 acres first crop and 80 acres second crop in 1921-22.
27. There was a deficit of Rs. 1,964 or 1.59 per cent on the capital outlay against a net revenue of Rs. 1,559 or 1.26 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" was Rs. 24 against Rs. 257 in the previous year. No outlay was incurred under "Maintenance and Repairs."
30. The area irrigated was 151 acres under first crop against 94 acres in 1921-22.
31. The net revenue after deducting working expenses was Rs. 436 or 0.31 per cent on the capital outlay against a deficit of Rs. 151 or 0.11 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. 403 and Rs. 3,018 respectively against Rs. 90 and Rs. 2,902 in the previous year.
34. The area irrigated was 291 acres first crop and 117 acres second crop against 442 acres and 173 acres respectively in 1921-22.
35. The gross revenue and working expenses amounted Rs. 2,062 and Rs. 5,655 respectively. There was thus a deficit of Rs. 3,593 or 1.38 per cent of the capital outlay against Rs. 359 or 0.14 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. 2,209 against Rs. 1,261 in the previous year.

38. The area irrigated was 1,695 acres first crop and 523 acres second crop against 1,559 acres and 489 acres respectively in 1921-22.

39. The gross revenue and working expenses amounted to Rs. 15,363 and Rs. 4,213 respectively. The net revenue was thus Rs. 11,150 which is 0.49 per cent on the capital outlay against Rs. 11,510 or 0.50 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. 155 against Rs. 313 in the previous year.

42. The area irrigated was 754 acres first crop and 121 acres second crop against 565 acres and 9 acres respectively in 1921-22.

43. The net revenue amounted to Rs. 3,450 or 1.10 on the capital outlay against Rs. 2,665 or 0.85 per cent in the previous year.

**No. 36, Ponnalur Tank.**

44. There was no expenditure under capital account.

45. The outlay under 'Maintenance and repairs' was Rs. 2,415 against Rs. 3,006 in 1921-22.

46. The area irrigated was 738 acres first crop and 178 acres second crop against 761 acres and 187 acres respectively in the previous year.

47. The net revenue amounted to Rs. 450 which is 0.21 per cent on the capital outlay against Rs. 696 or 0.32 per cent in 1921-22.

**No. 37, Anamasamudram-Beraperu Tank.**

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

49. The area irrigated was 1,004 acres first crop and 25 acres second crop against 903 acres and 13 acres respectively in the previous year.

50. The net revenue was Rs. 1,506 or 2.05 per cent on the capital outlay against a deficit of Rs. 2,269 or 3.09 per cent in 1921-22.

**No. 38, Yerur Tank.**

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

52. The area irrigated was 850 acres first crop against 1,173 acres first crop and 3 acres second crop in 1921-22.

53. The net revenue was Rs. 1,304 or 2.06 per cent on the capital outlay against Rs. 2,036 or 3.21 per cent in 1921-22.

**No. 39, Sagileru System.**

54. No expenditure was incurred under capital account.

55. The outlay under 'Maintenance and repairs' was Rs. 2,455 against Rs. 2,652 in the previous year.

56. The area irrigated was 3,998 acres first crop and 338 acres second crop against 4,294 acres and 2,581 acres respectively in 1921-22. The decrease was due to the unfavourable character of the season. The extent of sugarcane cultivation was 93 acres against 65 acres in the previous year.

57. There was a deficit of Rs. 5,283 or 1.14 per cent of the capital outlay against a net revenue of Rs. 5,388 or 1.16 per cent in 1921-22.

**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. 722 and Rs. 800 against Rs. 38 and Rs. 877 respectively in the previous year.

60. The area irrigated was 5,647 acres first crop and 3,770 acres second crop against 5,581 acres and 2,262 acres respectively in 1921-22. The increase was due to the favourable character of the season. The extent of sugarcane cultivation was 73 acres against 43 acres in the previous year.

61. The net revenue amounted to Rs. 6,058 or 7.01 per cent on the capital outlay against a deficit of Rs. 13,666 or 15.82 per cent in 1921-22.

**No. 41, Markapur Tank.**

62. No expenditure was incurred under capital account.

63. The outlay under 'Maintenance and repairs' amounted to Rs. 1,141 against Rs. 1,793 in 1921-22.

64. The area irrigated was 1,403 acres first crop and 177 acres second crop against 1,479 acres and 781 acres respectively in the previous year. The decrease under second crop was due to late rains.

65. The net revenue amounted to Rs. 680 or 0.56 per cent on the capital outlay, against Rs. 1,227 or 1.02 per cent in 1921-22.

**No. 42, Yellanur Tank.**

66. There was no expenditure under capital account.

67. The outlay under 'Maintenance and repairs' was Rs. 27 against Rs. 140 in the previous year.

68. The area irrigated was 887 acres first crop and 16 acres second crop against 768 acres and 123 acres respectively in 1921-22.

69. The net revenue amounted to Rs. 3,483 or 1.29 per cent on the capital outlay, against Rs. 2,594 or 0.96 per cent in the previous year.

**No. 43, Kocheruvu Tank.**

70. There was no outlay under capital account.

71. The expenditure under 'Maintenance and repairs' was Rs. 384 against Rs. 388 in 1921-22.

72. The area irrigated was 138 acres first crop and 43 acres second crop against 155 acres and 49 acres respectively in 1921-22.

73. There was a deficit of Rs. 1,127 or 0.83 per cent of the capital outlay against Rs. 2,259 or 1.66 per cent in the previous year.

**No. 44, Siddapur Tank.**

74. There was no capital outlay during the year but the capital account of the system was credited with a sum of Rs. 6,631.

75. The expenditure under 'Maintenance and repairs' was Rs. 580 against Rs. 596 in the previous year.

76. There was no irrigation as the tank received no supply. The extent irrigated in 1921-22 was 235 acres.

77. There was a deficit of Rs. 1,257 or 0.16 per cent of the capital outlay.

**No. 45, Nagavaram Anicut and Supply Channel.**

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

79. The area irrigated was 608 acres first crop and 188 acres second crop against 411 acres and 482 acres respectively in the previous year.

80. The net revenue amounted to Rs. 903 which is 0.82 per cent on the capital outlay against Rs. 1,853 or 1.69 per cent in 1921-22.

**No. 46, Venkatapuram Tank.**

81. No expenditure was incurred under capital account.

82. The outlay under 'Maintenance and repairs' amounted to Rs. 304 against Rs. 1,025 in 1921-22.

83. The area irrigated was 10 acres first crop against 160 acres of first crop and 3 acres second crop in 1921-22. The decrease was due to poor supply.

84. The gross revenue and working expenses amounted to Rs. 172 and Rs. 650 respectively. There was thus a deficit of Rs. 822 or 0.21 per cent of the capital outlay against the deficit of Rs. 1,540 or 0.4 per cent in 1921-22.

**No. 47, Kurnool-Cuddapah Canal.**

85. The expenditure under capital account was Rs. 5,005 which was incurred chiefly on the following works:—

(i) *Chepad project—Remodelling No. 1 Distributary.*—The outlay during the year was Rs. 1,849 and to the end of the year Rs. 2,538 against the estimate of Rs. 4,900.

(ii) *Ukkayyapalli project—Diverting the Cuddapah drainage from the Patha-Cuddapah tank supply channel (Estimate Rs. 7,300).*—The work was completed at a cost of Rs. 6,243.

86. The expenditure under 'Extensions and improvements' and 'Maintenance and repairs' was Rs. 1,616 and Rs. 73,487 respectively against Rs. 9,565 and Rs. 98,660 in 1921-22.

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

88. The area irrigated was 84,754 acres first crop and 11,461 acres second crop against 76,740 acres and 14,657 acres respectively in the previous year. The increase under first crop shows that canal water was more extensively used during the year, as the average rainfall was less than in the previous year.

89. The gross revenue and working expenses amounted to Rs. 3,43,079 and Rs. 1,72,863 against Rs. 3,31,469 and Rs. 2,31,615 respectively in 1921-22. The net revenue was therefore Rs. 1,70,216, which represents a return of 0.73 per cent on the capital outlay against 0.43 per cent in the previous year.

**No. 48, Barur Tank.**

90. There was no expenditure under capital account.

91. The outlay under 'Maintenance and repairs' was Rs. 2,774 against Rs. 2,973 in the previous year.

92. The area irrigated was 3,587 acres first crop and 1,242 acres second crop against 3,619 acres and 1,260 acres respectively in 1921-22.

93. The gross revenue and working expenses amounted to Rs. 19,407 and Rs. 4,860 against Rs. 18,378 and Rs. 5,377 respectively in the previous year. The net revenue was therefore Rs. 14,547 which represents a return of 3.28 per cent on the capital outlay against 2.94 per cent in 1921-22.

94. The highest flood for the year in the Ponnai was 1.75 feet over the crest of the Nedungal anicut on the 23rd October 1922 against the maximum recorded flood of 11.78 feet in 1903.

**No. 49, Kaniyampalayam Anicut.**

95. The work was completed. The outlay to the end of the year was Rs. 1,30,775 against the estimate of Rs. 1,40,100. The expenditure under 'Maintenance and repairs' was Rs. 865.

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

96. No expenditure was incurred under capital account.

97. The outlay under 'Maintenance and repairs' amounted to Rs. 23,244 against Rs. 28,645 in the previous year.

98. The area irrigated was 7,584 acres first crop and 3,960 acres second crop against 7,485 acres and 2,965 acres respectively in the previous year. The increase was due to the favourable character of the season.

99. The net revenue amounted to Rs. 26,184 equivalent to a return of 1.44 per cent on the capital outlay, as compared with Rs. 17,032 or 0.94 per cent in 1921-22. The miscellaneous revenue, including that from the water-supply to the town, amounted to Rs. 34,429 against Rs. 33,466 in the previous year.

#### No. 51, Pelandorai Anicut System.

100. No expenditure was incurred under capital account.

101. The outlay under 'Extensions and improvements' and 'Maintenance and repairs' amounted to Rs. 913 and Rs. 9,358 respectively against Rs. 1,136 and Rs. 8,721 in 1921-22.

102. The area irrigated was 12,823 acres first crop and 329 acres second crop against 12,742 acres and 517 acres respectively in the previous year. The extent of sugarcane cultivation was 132 acres against 315 acres in 1921-22.

103. The net revenue amounted to Rs. 38,111 which represents a return of 5.50 per cent on the capital outlay against Rs. 35,779 or 5.17 per cent in 1921-22.

104. The highest flood level was 8.8 feet over the crest of the anicut on the 13th January 1923 against the maximum of 22.50 feet recorded on the 10th November 1913.

#### No. 52, Panjapatti Reservoir Project.

105. With the exception of No. 2 distributary, the work was completed at a cost of Rs. 3,38,309 against the estimate of Rs. 4,04,600. It was decided that the extension of the above distributary by six furlongs should be carried out by the ryots themselves.

106. The area irrigated was 544 acres first crop and 82 acres second crop against 497 acres and 308 acres respectively in 1921-22.

107. The gross revenue and working expenses amounted to Rs. 2,714 and Rs. 116 respectively. The net revenue was thus Rs. 2,598 which is 0.76 per cent on the capital outlay against Rs. 2,470 or 0.73 per cent in 1921-22.

### CHAPTER IV—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. 1,276 and the working expenses to Rs. 511. The net revenue was thus Rs. 765 or 0.49 per cent on the capital outlay against Rs. 1,404 or 0.90 per cent in 1921-22. The revenue during the previous year was large owing to the sale of dead casuarina trees.

##### 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. 6,698 against Rs. 1,673 in the previous year.

(2) *Maintenance and repairs*.—The outlay was Rs. 1,85,493 against Rs. 1,94,722 in the previous year and Rs. 1,93,933, the average of the triennium ending 1920-21.

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

	1922-23.	1921-22.
Receipts ... ..	Rs. 73,814	78,869
Ton-mileage ... ..	1,805,742	1,434,662
Value of goods ... ..	Rs. 89,62,644	84,21,172
Number of passengers ... ..	121,005	127,180

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

5. The gross receipts and working expenses are compared below with those for 1921-22 and the averages of the previous triennium :—

	Average of the trien- nium ending 1921-22.	During 1921-22.	During 1922-23.
	RS.	RS.	RS.
Gross receipts ... ..	79,341	78,869	73,814
Working expenses ... ..	2,32,692	2,46,499	2,69,843
Net revenue ... ..	— 1,53,351	— 1,67,630	— 1,96,029

#### No. 55, Vedaranniyam Canal.

6. The canal is 34½ miles long and is maintained partly in the interests of salt traffic. The gross receipts amounted to Rs. 547 and the working expenses to Rs. 10,764. There was thus a loss of Rs. 10,217 to Government on the working of the canal during the year against Rs. 12,333 in the previous year.

### CHAPTER V—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	2,800	30	3,332
In charge of the Revenue Department.	5,614	25,011	1,358	31,983
Total ...	6,116	27,811	1,388	35,315

2. The area irrigated by, the outlay incurred on, and the revenue derived from, works of this class are dealt with in paragraph 8 of Chapter I.

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

(i)

Statement showing the outlay incurred in 1922-23 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.	Revenue Department.				
		Works in charge of Public Works officers.	Works in charge of Civil officers acting as Public Works disbursers.			
	RS.	RS.	RS.	RS.	RS.	RS.
Original works .. ..	2,01,235	9,227	20,483	41,957	..	2,72,902
Repairs .. ..	6,28,924	2,555	25,379	2,08,038	2,20,352	10,85,248
Establishment .. ..	3,98,602	4,729	..	1,04,758	1,34,575	6,42,664
Tools and plant .. ..	15,791	274	..	4,904	4,451	25,420
Miscellaneous expenditure (a) .. ..	76,906	..	..	..	..	76,906
Total .. ..	13,21,458	16,785	45,862	3,59,657	3,59,375	21,03,140
Add outlay incurred by Civil officers on minor irrigation works.	..	..	..	..	..	7,41,041
Grand total .. ..	..	..	..	..	..	28,44,181

(a) Establishment Rs. 72,193; tools and plant Rs. 52; other charges Rs. 4,661; total Rs. 76,906.

(ii)

Statement showing by districts the expenditure incurred by Civil officers acting as Public Works disbursers during 1922-23.

Districts.	Original works.	Repairs.	Total.
	RS.	RS.	RS.
Collector of South Arcot ... ..	5,748	1,949	7,697
„ of Chittoor ... ..	1,084	1,229	2,313
„ of North Arcot ... ..	2,063	2,430	4,493
„ of Tinnevely ... ..	2,023	7,675	9,698
„ of Ganjam ... ..	1,901	...	1,901
„ of Salem ... ..	5,664	1,563	7,227
„ of Trichinopoly ... ..	2,000	2,471	4,471
„ of Chingleput ... ..	...	6,452	6,452
„ of Cuddapah ... ..	...	108	108
„ of Guntur ... ..	...	300	300
Attur taluk ... ..	...	1,202	1,202
Total ... ..	20,483	25,379	45,862

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

#### Vizagapatam Division.

(1) *Improvements to the Yedumulla dam across the Gokivadagedda.*—The work was completed at a cost of Rs. 31,234 against the estimate Rs. 33,500.

(2) *Constructing a masonry dam across the Chidikadagedda.*—The work was started during the year under an estimate of Rs. 1,100 and the outlay was Rs. 1,000.

#### Godavari Northern Division.

(3) *Providing a pair of steel gates to the Dumagudem head lock.*—The outlay to the end of the year was Rs. 39,280 against the estimate of Rs. 41,000. The work is expected to be completed in 1923-24.

#### Godavari Western Division.

(4) *Restoring the Panakala tank of Akkampet.*—The work was completed at a cost of Rs. 26,178 against the estimate of Rs. 28,600.

#### Nellore Division.

(5) *Improvements to certain irrigation sources in Repalle village.*—The outlay during the year was Rs. 7,493 and to the end of the year Rs. 17,403 against the estimate of Rs. 23,220. The work is expected to be completed in 1923-24.

#### Chingleput Division.

(6) *Improving the supply to the Kilianagar tank.*—The outlay to the end of the year was Rs. 11,860 against the estimate of Rs. 12,400. The work was nearing completion.

#### South Arcot Division.

(7) *Improvements to the Pakkam tank and supply channel.*—The outlay to the end of the year was Rs. 23,284 against the estimate of Rs. 31,000. The work is expected to be completed in 1923-24.

(8) *Improvements to the Konari Kuppam anicut.*—The work was started during the year under an estimate of Rs. 11,340 and the outlay was Rs. 3,971.

#### Trichinopoly Division.

(9) *Improvements to the Nangavaram Kattuvari.*—The work was completed at a cost of Rs. 54,481 against the estimate of Rs. 55,873.

(10) *Improvements to the Ponneri channel.*—The outlay during the year was Rs. 20,872 and to the end of the year Rs. 1,49,425 against the estimate of Rs. 2,22,000. The work is in progress.

**Tinnevelly Division.**

(11) *Improvements to the Vadamalayan channel.*—The outlay to the end of the year was Rs. 8,287, against the estimate of Rs. 9,040. The work was nearing completion.

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

	1922-23.	1921-22.
	RS.	RS.
Irrigation revenue ... ..	99,09,718	98,07,044
Receipts collected by Public Works Department ...	41,574	41,382
Total ...	99,51,292	98,48,426

6. The net revenue of the year after meeting the charges amounted to Rs. 71,07,111 against Rs. 65,63,216 in the previous year.

7. The progress made in the investigation and execution of tank restoration scheme works is dealt with in paragraph 9 of Chapter I. The following table shows by districts the work done during and up to the end of the year 1922-23.

(iii)

Statement showing the area investigated and the number and amount of estimates sanctioned during and up to the end of 1922-23.

Circles.	Districts.	Approximate area investigated in square miles.		Number of estimates sanctioned.		Amount of estimates sanctioned.	
		During the year 1922-23.	To the end of the year.	During the year 1922-23.	To the end of the year.	During the year 1922-23.	To the end of the year.
						RS.	RS.
Waltair	Godavari .. ..	33	1,468	24	703	23,121	6,31,444
	Vizagapatam .. ..	101	785	37	225	32,025	2,14,418
	Kistna .. ..	..	300	..	69	..	51,451
Bezawada	Guntur .. ..	..	4,411	..	257	..	2,04,727
	Nellore .. ..	..	7,300	..	474	..	6,13,994
	Kurnool .. ..	..	7,648	..	340	..	3,33,862
Madras	Cuddapah .. ..	..	4,473	21	1,240	49,991	10,22,988
	Bellary .. ..	101	10,400	22	216	30,289	2,26,404
	Anantapur .. ..	158	7,811	16	758	13,038	10,06,992
	Chingleput .. ..	65	2,080	17	1,754	46,280	24,44,989
	Chittoor .. ..	80	4,704	17	324	19,957	3,98,695
Coimbatore	Coimbatore .. ..	..	8,097	..	149	..	3,10,079
	Salem .. ..	..	5,773	7	1,168	10,962	9,08,645
	North Arcot .. ..	6	4,465	9	1,936	18,393	22,69,830
	South Arcot .. ..	7	599	8	570	23,720	13,53,265
Trichinopoly	Tanjore .. ..	..	1,140	..	610	..	7,94,940
	Trichinopoly .. ..	455	3,914	48	423	54,060	8,51,344
	Madura .. ..	..	4,836	..	1,643	..	14,89,064
	Tinnevelly .. ..	..	1,762	..	795	..	10,41,825
	Ramnad .. ..	..	1,643	..	..	..	..
	Total ..	1,006	83,609	226	13,654	2,21,836	1,61,68,956

(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. 77,659 against Rs. 78,231 in 1921-22.

9. The expenditure incurred amounted to Rs. 6,83,656 against Rs. 7,38,268 in the previous year as shown below :—

	1922-23.	1921-22.
	RS.	RS.
Works ... ..	42,101	56,180
Repairs ... ..	3,93,413	4,21,013
Establishment ... ..	2,38,283	2,55,287
Tools and plant ... ..	9,859	5,788
Total ...	6,83,656	7,38,268

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 Eastern Division.**

(2) *Fixing permanent stations in the lankas of the Godavari river.*—The expenditure to the end of the year was Rs. 19,460 against the estimate of Rs. 21,950.

**Kistna Central Division.**

(3) *Improvements to the Divi left flood bank.*—The outlay during the year was Rs. 11,699 and to the end of the year Rs. 12,887 against the estimate of Rs. 62,000.

**West Coast Division.**

(4) *Blasting rock and clearing obstructions in the Paishwani river to make it navigable for rafts.*—The outlay to the end of the year was Rs. 23,850 against the estimate of Rs. 34,900. The work done so far has resulted in nearly doubling the timber rafting traffic along the canal.

(5) *Reconstructing the body wall of the Vyan dam.*—The work was started during the year under an estimate of Rs. 21,820 and the outlay was Rs. 5,207.

**Trichinopoly Division.**

(6) *Improvements to the Cauvery 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 during the year was Rs. 13,526 and to the end of the year Rs. 49,439 against the estimate of Rs. 1,06,600. The work is in progress.

11th January 1924.

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 1922-1923.**

	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17
	Nagavalli river system.	Godavari delta system.	Kistna delta system.	Divi pumping system.	Pennar river canals system.	Kannool Cuddapah canal.	Poiney ancient system.	Cheyyar ancient system.	Tirukkoiyilr ancient system.	Shadatope ancient system.	Lower Coleroon ancient system.	Cauvery delta system.	Srivai-kuntam ancient system.	Ganjam minor system.	Muni-yeru system.	Sagilera system.
Source of supply of water ..	River Nagavalli.	River Godavari.	River Kistna.	Pumping from river Kistna.	River Pennar.	River Tungabhadra.	River Poiney.	River Cheyyar.	River Ponnar.	River Vellar.	River Coleroon.	River Cauvery.	River Tambiraparani.	Rivers Lamsulva and Gari-bulagedda drain.	River Muni-yeru.	River Sagilera.
Minimum discharge of river .. per sec.	19,224	8,06,172	49	..	..	126	..	..	269,843	234,326	Not known.	Not known.	..	..	..	19,200
Maximum discharge of main canals, as designed.	414	13,165	13,284	718	8,392	2,000	3,217	1,642	1,271	850	..	43,750	1,860	Not known	300	477
Maximum discharge during the year.	384	14,157	12,329	483	6,189	1,931	1,029	491	524	819	..	26,690	1,742	..	192-13	..
Average rainfall for the year. Inches.	50-56	35-32	30-36	32-93	37-42	..	32-00	50-16	60-37	72-53	..	41-14	42-50	32-37	25-60	..
Gross area commanded .. Acres.	49,920	1,267,200	1,350,400	100,000	258,600	383,115	42,560	29,461	64,895	108,069	158,526	1,706,023	80,000	64,000	14,471	38,576
Culturable area commanded ..	31,200	961,253	900,000	80,000	190,000	367,659	23,824	29,461	45,977	43,965	117,333	909,034	33,500	64,000	13,024	26,576
Area irrigable by complete project.	27,658	840,000	747,000	50,000	165,355	130,232	23,824	23,629	45,977	43,965	110,808	908,375	23,014	63,000	10,280	4,664
Area irrigable at present ..	26,000	790,329	736,000	40,000	147,274	123,419	22,462	22,463	30,954	34,025	107,423	900,925	23,014	59,000	10,000	4,664
Sanctioned estimate ..	17,47,770	1,10,89,339	1,42,13,010	19,50,000	47,80,289	..	2,97,178	4,42,925	3,66,789	9,15,245	18,69,597	16,62,925	13,61,620	2,58,182	6,71,434	4,47,108
Direct charges ..	68,630	19,34,864	9,81,160	48,000	10,06,036	1,76,85,000	6,379	11,754	9,159	57,271	71,269	1,66,767	1,16,286	10,203	28,000	17,619
Indirect do. ..	2,93,217	1,11,38,052	1,28,54,716	3,23,617	92,88,418	..	..	..	..	..	..	..	7,49,577	..	..	..
Interest during construction ..	21,09,517	2,41,62,248	2,80,18,886	23,21,617	50,74,803	1,76,35,000	2,73,557	4,54,579	3,75,948	9,72,516	19,40,856	18,29,692	22,26,383	2,66,385	6,99,434	4,64,727
Total, Estimate ..	16,77,090	1,41,10,255	1,67,18,715	20,22,697	97,27,804	2,38,17,625	2,94,227	4,70,419	3,76,172	9,15,365	18,71,557	16,74,761	16,66,441	2,64,193	6,68,960	4,47,108
Expenditure to end of 1922-1923—	42,081	20,15,181	10,86,092	37,687	10,13,631	73,168	8,774	13,664	9,641	57,277	71,335	1,07,559	1,07,559	10,121	29,638	17,619
Direct charges ..	2,04,627	99,82,397	96,15,269	3,09,819	25,84,126	..	..	..	..	..	..	19,37,665	8,07,327	..	..	..
Indirect do. ..	19,23,798	2,61,07,833	2,64,20,076	23,70,208	23,35,560	2,38,90,733	3,03,001	4,84,083	3,85,813	9,72,642	19,42,892	61,20,707	26,41,827	2,71,714	5,98,602	4,64,727
Total, Expenditure ..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Works as now sanctioned—	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Main canals, irrigation .. Miles.	23½	511½	349	50	30½	417½	55	21	57	3	194	1,507	28	119	26½	12
Branch canals do. ..	101½	1,995½	2,185½	120½	477	294½	78	120	28½	149	620	1,971	46	225	6½	..
Distributaries ..	..	507	363½	..	..	190	..	..	..	..	..	..	..	..	..	..
Of above—	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Navigable ..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Works completed at end of 1922-1923—	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Main canals, irrigation .. Miles.	23½	511½	349	50	30½	417½	55	21	57	3	194	1,507	28	119	26½	12
Branch canals do. ..	95½	1,995½	2,185½	120½	477	294½	78	120	28½	149	620	1,971	46	225	6½	..
Distributaries ..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Of above—	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Navigable ..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..

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

A-I.—Statement of Canals in the Madras Presidency for the year 1922-23—cont.

	18	19	20	21	22	23	24	25	26	27	28	29	30	31
	River Bhavani.	River Bhavani.	River Bhavani.	River Palar.	River Kortalyar.	River Maunuk-tanadi.	River Manink-tanadi.	River Vellar.	River Nandyar.	River Tambraparni.	Gunjannery.	Ganjam-Gopalpur canal.	Buckingham canal.	Vedrauniyam canal.
Source of supply of water ..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Minimum discharge of river ..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Maximum discharge of main canals, as designed. ..	552	725	898	5,631	113	263	328	740	237	Not known	78	..	..	..
Maximum discharge during the year ..	962.66	1,087.80	1,597.18	3,028	35.86	131	225	338	290	997	78	..	..	..
Average rainfall for the year ..	29.73	29.73	63.31	47.39	30.99	72.30	76.67	..	65.82	46.82	7.7	..	..	..
Gross area commanded ..	6,000	13,125	15,875	141,031	10,124	13,792	19,993	60,970	9,480	36,840	894	..	..	..
Culturable area commanded ..	6,000	16,000	15,000	105,032	6,794	10,651	16,359	16,377	9,480	17,920	894	..	..	..
Area irrigable by complete project ..	6,000	16,000	12,500	89,718	5,216	10,651	15,559	16,000	9,480	17,920	894	..	..	..
Area irrigable at present ..	4,750	15,000	12,500	78,668	5,216	4,555	8,829	12,837	6,619	17,920	894	..	..	..
Sanctioned estimate—	1,47,006	1,70,880	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	85,56,016	1,32,699
Direct charges ..	3,676	11,050	4,506	1,16,752	1,686	1,897	2,434	47,800	2,484	1,265	2,555	12,398	4,88,256	3,733
Indirect do ..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Interest during construction ..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Total, Estimate ..	1,50,682	1,81,430	1,83,286	24,45,244	76,201	72,658	86,625	6,90,823	65,715	51,806	1,09,890	1,55,493	90,44,271	1,36,432
Expenditure to end of 1922-23—	1,40,789	1,64,755	1,75,980	23,39,649	74,365	73,372	84,191	6,43,270	63,231	50,541	1,07,295	1,43,100	85,56,071	1,32,699
Direct charges ..	3,676	11,050	4,506	1,17,105	1,916	2,009	2,494	48,747	2,484	1,265	2,555	12,398	4,89,255	3,733
Indirect do ..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Interest during construction * ..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Total, Expenditure ..	1,44,445	1,75,805	1,80,486	24,56,754	76,282	75,381	86,625	6,93,017	65,715	51,806	1,09,890	1,55,493	90,55,326	1,36,432
Works as now sanctioned—	20	48½	57½	196	5½	7	17	15	31	29	2	..	262	84½
Main canals, irrigation ..	3½	35½	3	156	8	8	16	24	..	7½	..	..	..	..
Branch canals do ..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Distributaries ..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Of above—	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Navigable canals ..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Works completed at end of 1922-23—	20	48½	57½	156	5½	7	17	15	31	29	..	..	262	84½
Main canals, irrigation ..	3½	35½	3½	139	8	8	16	24	..	7½	..	..	..	..
Branch canals do ..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Distributaries ..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Of above—	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Navigable ..	..	..	..	..	..	..	..	..	..	..	..	..	..	..

\* 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 1922-23.

	1	2	3	4	5	6	7	8	9	10	11	12
	Barur tank.	Periyar system.	Rushikulya system.	Janga-maheswaram tank.	Atmakur tank.	Dondepad tank.	Peddanaidu tank of Chinna-rampalem.	Hajipuram tank.	Ponnalar tank.	Anamasamudram tank.	Yerur tank.	
Source of supply of water .. .. .	Ponnalar river and local rains.	Periyar and Vaigai rivers.	Mahanadi and Rushikulya rivers.	Catchment of Dondi vagu.	Catchment of Chanda-varka and Kolaguntla vagus.	Rainfall ..	Rainfall ..	Domaluru diverted into the tank.	Judiseleru diverted into the tank.	Bempera river.	Rainfall and surplus of upper tanks	
If (Area of catchment supplied by Average rainfall during the year.	2,082 35.74	239 79.68	1,750 54.24	60 28.23	105 26.07	56 26.08	26.64	100 24.87	32.14 33.09	23.62 29.58	60.6 34.18	
Contents of tank between levels of surface of full supply and sill of canal head sluice.	313.33	9,605	3,500	79	164	227	81	309	180.512	90.57	317.69	
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	768,000	230,880	960	1,700	3,240	784	2,900	1,973	1,000	1,286	
Culturable area commanded ..	6,887	Not known	142,000	960	1,160	2,880	726	2,900	1,973	1,000	1,286	
Area irrigable by complete project ..	6,887	143,000	120,000	960	1,160	1,980	726	1,420	1,000	1,000	1,286	
Do. at present ..	6,887	143,000	106,000	960	1,160	1,930	210	700	1,000	961	1,143	
Wells supplied by tanks ..	..	..	..	..	..	..	..	..	..	..	..	
Sanctioned estimate—	4,00,000	84,71,000	45,63,000	61,253	1,09,951	1,24,786	68,234	2,78,774	1,90,887	71,887	61,741	
Direct charges ..	25,300	2,79,000	8,92,820	10,411	13,428	15,218	20,726	33,109	25,011	1,886	1,612	
Indirect do. ..	41,439	16,23,608	14,91,004	..	..	..	..	..	..	..	..	
Interest during construction ..	4,66,739	1,03,73,606	64,36,824	71,664	1,23,379	1,40,004	88,960	3,11,883	2,15,598	79,573	63,353	
Total, Estimate ..	4,19,375	1,03,17,323	47,22,464	61,253	1,09,951	1,24,786	62,098	2,78,774	1,90,997	71,887	61,741	
Expenditure to end of 1922-23—	23,738	3,67,746	4,14,776	10,411	13,428	15,218	1,397	33,109	22,579	1,886	1,612	
Direct charges ..	80,175	16,06,402	16,69,901	..	..	..	..	..	..	..	..	
Indirect do. ..	5,23,288	1,22,51,471	68,07,141	71,664	1,23,379	1,40,004	63,495	3,11,883	2,16,576	73,573	63,353	
Interest during construction * ..	28 (earth)	173 (earth)	{ (a) 57.7 (b) 44.0 (earth)	24 (partly earth and partly masonry).	33 (partly earth and partly masonry).	22 (partly earth and partly masonry).	..	6 (masonry).	21½	..	..	
Works as now sanctioned—	11 26	145 106	80 225	5½	4½	6½	2½ 4	7½	9½	2½	..	
Dam (earth or masonry) total height ..	28 (earth)	173 (earth)	{ (a) 57.7 (b) 44.0 (earth)	24 (partly earth and partly masonry).	33 (partly earth and partly masonry).	22 (partly earth and partly masonry).	..	6 (masonry).	21½	..	..	
Canals ..	11	145	80	5½	4½	6½	2½ 4	7½	9½	2½	..	
Distributaries ..	26	106	225	..	..	..	..	..	..	..	..	
Works completed to end of 1922-23—	28	173	{ (a) 57.7 (b) 44.0	24	33	22	..	6	21½	..	..	
Dam (height completed) ..	11	145	80	5½	4½	6½	2½ 4	7½	9½	2½	..	
Canals ..	26	106	151	..	..	..	..	..	..	..	..	
Distributaries ..	..	..	..	..	..	..	..	..	..	..	..	

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

(a) Russelkonda reservoir.

(b) Surada reservoir.



B-I.—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 1922-23.

Works or systems.	Direct charges (net expenditure).						Indirect charges.	Total excluding interest.	Simple interest.	
	Works.		Tools and plant.		Deduct receipts on capital account.					Total.
	RS.	RS.	RS.	RS.	RS.	RS.				
	2	3	4	5	6	7	8	9		
<b>IRRIGATION WORKS.</b>										
<b>A. PRODUCTIVE WORKS.</b>										
Ganjam minor river system	2,17,155	45,148	208	..	2,62,511	10,416	2,72,927	2,14,015		
..	375	678	29	..	1,682	105	1,787	8,868		
To end of previous year ..	1,03,67,694	25,38,945	9,84,255	..	1,38,39,340	19,99,528	1,58,38,868	2,41,10,929		
..	1,69,200	99,720	1,995	..	2,70,915	15,653	2,86,568	4,85,948		
..	1,22,18,622	27,79,745	7,00,856	..	1,56,80,683	10,83,949	1,67,64,632	2,21,08,436		
..	24,310	13,568	154	..	38,032	2,143	40,175	9,64,661		
..	10,94,109	2,25,405	6,73,691	..	19,92,828	35,998	20,28,826	69,080		
..	19,135	10,695	121	..	29,869	1,689	31,558	82,69,959		
..	46,21,184	9,58,193	1,44,246	..	57,20,765	10,13,235	67,34,000	1,91,023		
..	4,499	2,511	29	..	7,039	396	7,435	2,32,286		
..	1,14,506	26,264	..	..	1,40,769	3,676	1,44,445	4,681		
..	1,35,220	29,535	..	..	1,64,755	11,050	1,75,805	2,65,295		
..	1,43,789	32,191	..	..	1,75,980	4,506	1,80,486	5,478		
..	18,43,098	4,67,188	29,930	..	23,39,649	1,17,105	24,56,754	1,91,304		
..	5,14,255	1,38,958	8,249	..	6,51,848	1,12,795	7,64,143	5,852		
..	60,662	13,679	..	..	74,366	1,916	76,282	78,154		
..	2,99,654	58,879	..	..	2,88,757	8,530	2,97,287	11,94,236		
..	3,74,725	1,468	35	..	5,470	244	5,714	21,319		
..	3,986	90,144	117	..	4,64,986	13,419	4,78,405	2,705		
..	3,08,273	1,461	36	..	5,433	245	5,678	4,65,337		
..	282	67,579	19	..	3,75,871	9,630	3,85,501	10,848		
..	8,10,491	1,04,760	5	..	301	11	312	16,457		
..	..	..	115	..	9,15,366	67,277	9,72,643	5,35,056		
..	..	..	..	..	..	..	..	12,709		
..	..	..	..	..	..	..	..	30,441		
..	..	..	..	..	..	..	..	3,32,208		
..	..	..	..	..	..	..	..	97,934		
..	..	..	..	..	..	..	..	1,89,406		
..	..	..	..	..	..	..	..	2,496		



B.I.—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 1922-23—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.			
			3	4					
1	2	3	4	5	6	7	8	9	
<b>A. IRRIGATION WORKS—cont.</b>									
<b>2. UNPRODUCTIVE WORKS—cont.</b>									
Mopad project ..	16,66,578	3,20,383	2,34,213	27,894	21,93,280	96,422	22,89,702	6,52,867	
{ To end of previous year ..	3	2			5		5	84,687	
{ During the year ..	16,66,575	3,20,381	2,34,211	27,892	21,93,275	96,420	22,89,697	1,58,065	
Hajipuram tank ..	2,50,686	48,308		220	2,78,774	33,109	3,11,883	1,58,065	
{ To end of previous year ..								9,270	
{ During the year ..	2,50,686	48,308		220	2,78,774	33,109	3,11,883	1,58,065	
Ponnalur tank ..	1,59,893	51,070	84		1,90,997	25,579	2,16,576	1,07,110	
{ To end of previous year ..								6,882	
{ During the year ..	1,59,893	51,070	84		1,90,997	25,579	2,16,576	1,07,110	
Anamasamudram—Baraperu tank ..	58,421	13,266			71,687	1,886	73,573	37,025	
{ To end of previous year ..								2,384	
{ During the year ..	58,421	13,266			71,687	1,886	73,573	37,025	
Yerur tank ..	50,219	11,522			61,741	1,612	63,353	86,749	
{ To end of previous year ..								2,053	
{ During the year ..	50,219	11,522			61,741	1,612	63,353	86,749	
Vanula tank ..	50,961	11,225			62,186	1,571	63,757	40,428	
{ To end of previous year ..								2,068	
{ During the year ..	50,961	11,225			62,186	1,571	63,757	40,428	
Sagiluru tank ..	3,54,321	80,339	12,449	1	4,47,108	17,619	4,64,727	4,29,398	
{ To end of previous year ..								14,867	
{ During the year ..	3,54,321	80,339	12,449	1	4,47,108	17,619	4,64,727	4,29,398	
Talapalavanka tank ..	54,348	11,204	731		66,283	2,541	68,824	36,346	
{ To end of previous year ..								2,204	
{ During the year ..	54,348	11,204	731		66,283	2,541	68,824	36,346	
Cumbum tank ..	68,701	15,284			83,985	2,388	86,373	1,02,045	
{ To end of previous year ..								2,793	
{ During the year ..	68,701	15,284			83,985	2,388	86,373	1,02,045	
Markapur tank ..	95,492	21,155			1,16,657	4,001	1,20,658	55,263	
{ To end of previous year ..								3,879	
{ During the year ..	95,492	21,155			1,16,657	4,001	1,20,658	55,263	
Yellanur tank ..	1,91,292	41,156	7,087	343	2,39,492	30,515	2,69,707	84,658	
{ To end of previous year ..								8,346	
{ During the year ..	1,91,292	41,156	7,087	343	2,39,492	30,515	2,69,707	84,658	
Kocheruvu tank ..	1,01,461	22,158	1,046	60	1,24,605	11,129	1,35,734	41,655	
{ To end of previous year ..								4,833	
{ During the year ..	1,01,461	22,158	1,046	60	1,24,605	11,129	1,35,734	41,655	
Siddapur tank ..	5,25,809	99,323	1,72,519	442	7,97,209	13,508	8,11,117	2,33,758	
{ To end of previous year ..	3,058	3,068	45		6,171	460	6,681	26,562	
{ During the year ..	5,25,809	99,323	1,72,519	442	7,97,209	13,508	8,11,117	2,33,758	
Nagavaram anicut and supply channel ..	88,757	18,538			1,07,295	2,695	1,09,890	31,756	
{ To end of previous year ..								3,568	
{ During the year ..	88,757	18,538			1,07,295	2,695	1,09,890	31,756	
Venkatapuram tank ..	3,03,994	54,539	4,286	519	3,72,250	12,671	3,84,921	1,23,164	
{ To end of previous year ..								12,943	
{ During the year ..	3,03,994	54,539	4,286	519	3,72,250	12,671	3,84,921	1,23,164	
Kurucol-Cuddapah canal ..	1,90,34,487	3,16,588	40,33,919	2,31,977	2,38,12,967	72,811	2,38,85,778	3,29,24,391	
{ To end of previous year ..	2,308	2,316	34		4,658	347	5,005	7,84,911	
{ During the year ..	1,90,34,487	3,16,588	40,33,919	2,31,977	2,38,12,967	72,811	2,38,85,778	3,29,24,391	
Barur tank ..	3,85,765	76,701	6,931	22	4,19,375	23,738	4,43,113	5,49,766	
{ To end of previous year ..								13,945	
{ During the year ..	3,85,765	76,701	6,931	22	4,19,375	23,738	4,43,113	5,49,766	
Kanniapalem anicut ..	92,266	25,172	453		1,17,891	8,540	1,21,431	19,888	
{ To end of previous year ..	6,503	2,384	58		8,945	399	9,344	6,094	
{ During the year ..	92,266	25,172	453		1,17,891	8,540	1,21,431	19,888	

**B-I.—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 1922-23—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.				
1	2	3	4	5	6	7	8	9	
<b>A. IRRIGATION WORKS—cont.</b>									
<b>2. UNPRODUCTIVE WORKS—cont.</b>									
Madras water-supply and irrigation system ..	..	..	..	..	..	..	..	..	..
{ To end of previous year ..	13,51,752	2,22,262	6,824	1,302	15,79,536	2,59,578	18,19,114	30,38,827	
{ During the year ..	..	..	..	..	..	..	..	65,231	
{ To end of previous year ..	5,20,637	1,17,367	6,064	798	6,43,270	48,747	6,92,017	8,59,906	
{ During the year ..	..	..	..	..	..	..	..	22,084	
Pelandorai anicut system ..	..	..	..	..	..	..	..	..	
{ To end of previous year ..	2,27,174	43,624	56,958	651	3,25,405	11,369	3,36,774	75,969	
{ To end of previous year ..	..	..	..	..	..	..	..	19,473	
{ During the year ..	925	540	21	36	1,450	85	1,535	..	
Panjampatti reservoir project ..	..	..	..	..	..	..	..	..	
{ To end of previous year ..	3,17,13,548	29,52,823	48,43,178	3,35,514	3,91,74,035	11,94,281	4,03,68,316	4,63,75,600	
{ During the year ..	14,923	7,997	309	36	22,593	1,224	23,817	13,34,561	
Total, A. Irrigation, 2. Unproductive works ..	8,06,99,823	1,40,33,370	85,25,082	3,86,014	10,28,72,261	66,70,588	10,95,42,849	13,11,86,634	
Total, A. Irrigation works ..	4,58,240	2,00,048	7,776	878	6,65,186	32,689	6,97,775	36,38,218	
<b>B. NAVIGATION, EMBANKMENT AND DRAINAGE WORKS.</b>									
<b>2. UNPRODUCTIVE.</b>									
Ganjam-Gopalpur canal ..	..	..	..	..	..	..	..	..	..
{ To end of previous year ..	1,02,675	37,799	2,733	107	1,43,100	12,393	1,55,493	1,80,488	
{ During the year ..	..	..	..	..	..	..	..	4,758	
{ To end of previous year ..	68,00,404	16,09,073	1,80,959	24,365	85,66,071	4,89,255	90,55,326	1,33,50,922	
{ During the year ..	..	..	..	..	..	..	..	2,85,872	
Buckingham canal ..	..	..	..	..	..	..	..	..	
{ To end of previous year ..	1,07,885	24,314	..	..	1,32,699	3,733	1,36,432	2,78,161	
{ To end of previous year ..	..	..	..	..	..	..	..	4,412	
{ During the year ..	..	..	..	..	..	..	..	..	
Vidamniyam canal ..	..	..	..	..	..	..	..	..	
{ To end of previous year ..	70,10,964	16,71,686	1,83,692	24,472	88,41,870	5,05,331	93,47,251	1,38,09,571	
{ During the year ..	..	..	..	..	..	..	..	2,95,042	
Total, B. Navigation etc., works 2. Unproductive works.	70,10,964	16,71,686	1,83,692	24,472	88,41,870	5,05,331	93,47,251	1,38,09,571	
Total, B. Navigation, etc., works ..	..	..	..	..	..	..	..	2,95,042	
Total, Construction of Irrigation, etc., works. {	8,77,10,787	1,57,56,056	87,08,774	4,10,486	11,17,14,131	71,75,969	11,88,90,100	14,49,26,205	
{ To end of previous year ..	4,58,240	2,00,048	7,776	878	6,65,186	32,589	6,97,775	38,33,260	

C. SUBRAHMANYA AYYAR,  
Deputy Accountant-General.

C-I.—Statement showing the financial results 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 the year ending 1922-23.

Works or systems.	Revenue (actual receipts).													Working expenses.						
	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.	Deduct share of old irrigation revenue.	Total revenue due to improvements.	Direction.	Execution.	Establishment.	Civil officers.	Total revenue management.	RS.	RS.	RS.	RS.
	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	16	RS.	RS.	RS.	RS.
<b>A. IRRIGATION WORKS.</b>																				
<b>1. Productive works—</b>																				
1. Ganjam minor river system.	1,59,055	7,324	1,16,569	..	..	85	1,66,464	..	1,66,464	95,000	71,464	..	..	..	3,569	3,569	..	..	3,569	
2. Godavari delta system ..	38,87,310	1,92,149	40,79,459	1,66,379	9,871	49,870	42,55,719	268	42,55,451	1,24,000	41,31,451	..	..	..	1,97,599	1,97,599	..	..	1,97,599	
3. Kistna do. ..	36,25,783	1,35,148	37,60,931	75,745	6,641	77,227	39,20,544	242	39,20,302	71,000	38,49,302	..	..	..	1,88,927	1,88,927	..	..	1,88,927	
4. Divi pumping system ..	1,98,960	53,562	2,52,522	12	68	2,730	2,55,372	..	2,55,372	20,300	2,35,072	..	..	..	9,245	9,245	..	..	9,245	
5. Pennar river canals system.	8,06,719	60,219	8,56,938	..	..	3,459	8,70,397	40	8,70,357	2,56,000	6,14,357	..	..	..	29,891	29,891	..	..	29,891	
6. Arkenkotta channel ..	36,754	410	37,164	..	..	660	37,724	..	37,724	19,000	18,724	..	..	..	908	908	..	..	908	
7. Thadepalli do. ..	1,36,894	2,900	1,39,794	..	..	1,410	1,41,204	..	1,41,204	76,000	65,204	..	..	..	3,190	3,190	..	..	3,190	
8. Kalingarayan channel ..	1,28,997	483	1,29,480	..	..	2,973	1,31,753	..	1,31,753	85,000	46,753	..	..	..	2,224	2,224	..	..	2,224	
9. Palar anicut system ..	3,55,199	16,815	3,73,014	..	..	324	3,73,767	..	3,73,767	1,25,000	2,48,767	..	..	..	12,550	12,550	..	..	12,550	
10. Chembambakkam tank ..	55,323	998	56,321	..	..	1,066	57,413	5	57,408	16,000	41,408	..	..	..	2,012	2,012	..	..	2,012	
11. Valluru anicut system ..	7,330	1,074	8,404	..	..	17	8,633	..	8,633	5,000	3,633	..	..	..	170	170	..	..	170	
12. Poiney do. ..	1,08,696	5,461	1,14,157	..	..	39	1,14,294	..	1,14,294	38,000	76,294	..	..	..	3,805	3,805	..	..	3,805	
13. Cheyyure do. ..	1,18,254	3,352	1,16,606	..	..	819	1,17,676	..	1,17,676	39,000	78,676	..	..	..	3,878	3,878	..	..	3,878	
14. Tirukkoyilur anicut system.	1,32,187	3,362	1,35,549	..	..	1,237	1,36,999	..	1,36,999	60,000	76,999	..	..	..	3,777	3,777	..	..	3,777	
15. Shatiatope anicut system.	1,46,876	15,209	1,62,085	..	..	611	1,63,121	1	1,63,120	20,000	1,43,120	..	..	..	7,104	7,104	..	..	7,104	
16. Toludur project ..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	
17. Mehamattur anicut system.	25,706	51	25,757	..	..	37	26,104	..	26,104	4,000	22,104	..	..	..	1,088	1,088	..	..	1,088	
18. Vridhachalam anicut system.	38,510	294	39,804	..	..	168	39,957	..	39,957	8,500	30,557	..	..	..	1,515	1,515	..	..	1,515	
19. Lower Coleroon anicut system.	5,02,587	51,510	5,54,097	..	..	2,846	5,60,068	166	5,59,902	1,55,000	4,04,902	..	..	..	19,955	19,955	..	..	19,955	
20. Cauvery delta system ..	43,40,863	1,18,072	44,58,935	..	..	9,578	44,75,971	143	44,75,828	34,00,000	10,75,828	..	..	..	52,947	52,947	..	..	52,947	
21. Nandyar channel system..	22,971	54	23,025	..	..	404	23,433	..	23,433	17,000	6,433	..	..	..	301	301	..	..	301	
22. Periyar system ..	9,66,594	52,580	10,19,174	..	..	11,874	10,37,857	..	10,37,857	2,04,000	8,33,857	..	..	..	38,721	38,721	..	..	38,721	
23. Brivalkuntam anicut system.	2,35,178	1,490	2,36,669	..	..	6,929	2,45,056	..	2,45,056	79,000	1,66,056	..	..	..	7,883	7,883	..	..	7,883	
24. Marudur anicut system ..	2,14,175	270	2,14,445	..	..	3,323	2,17,791	..	2,17,791	1,15,000	1,02,791	..	..	..	4,972	4,972	..	..	4,972	
<b>Total, A. Irrigation—1. Productive works.</b>	<b>1,62,46,932</b>	<b>7,22,737</b>	<b>1,69,69,669</b>	<b>1,92,881</b>	<b>49,666</b>	<b>1,84,231</b>	<b>1,73,76,417</b>	<b>865</b>	<b>1,73,75,552</b>	<b>50,31,800</b>	<b>1,23,43,752</b>	<b>..</b>	<b>..</b>	<b>..</b>	<b>5,90,631</b>	<b>5,90,631</b>	<b>..</b>	<b>..</b>	<b>5,90,631</b>	

C-I.—Statement showing the financial results 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 the year ending 1922-23—cont.

Working expenses—cont.

Works or systems.	Maintenance of works.										Grand total of working expenses.	Deduct old maintenance charges.			Total working expenses on improvements.	Net revenue			
	Establishment.		Works.		Repairs.	Tools and plant.	Deduct on re-expenditure.	Plantation.	Total cost of maintenance.	Indirect charges.		RS.	RS.	RS.		RS.	RS.	RS.	RS.
	Direction.	Execution.	Total.	RS.															
17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33			
	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.			
<b>A. IRRIGATION WORKS.</b>																			
1. Productive works—cont.	2,115	8,458	10,573	2,172	13,032	460	82	26,155	1,832	81,356	8,034	500	8,534	22,822	1,35,108	48,642			
1. Ganjam minor river system.	61,609	2,40,439	3,08,048	13,274	4,51,150	11,466	83	7,83,855	47,771	10,29,225	..	..	..	10,29,225	32,26,226	81,02,226			
2. Godavari delta system	33,685	1,34,789	1,68,474	16,028	2,85,748	1,911	112	4,71,999	26,597	6,82,123	..	..	..	6,82,123	32,38,179	31,67,179			
3. Krishna do.	13,144	52,577	65,721	500	1,17,256	746	..	1,84,223	10,379	2,03,847	19,055	1,074	20,129	1,83,718	51,625	51,854			
4. Divi pumping system	11,179	44,717	55,896	2,372	97,781	634	..	1,46,663	8,827	1,96,401	46,390	2,613	49,003	1,46,398	6,74,956	4,67,969			
5. Pennar river canals system.	..	1,966	2,468	200	6,507	60	..	9,255	411	10,544	1,238	55	1,293	9,261	27,180	9,463			
6. Arkenkota channel	1,123	4,491	5,614	475	14,837	136	..	21,062	939	25,151	4,910	219	5,129	20,022	1,16,013	45,142			
7. Thadapalli do.	1,609	2,277	2,848	4	7,758	69	..	10,677	477	13,378	5,491	245	5,736	7,642	1,18,375	39,111			
8. Kalingarayan channel	2,678	10,534	13,367	4,991	35,711	615	..	54,634	2,278	69,312	4,017	151	4,168	65,144	3,04,455	1,83,623			
9. Palar anicut system	382	1,529	1,911	..	6,876	160	..	8,947	336	11,285	7,000	263	7,263	4,032	46,113	37,376*			
10. Chembambakkam tank	641	2,563	3,204	1,121	10,406	269	..	15,000	564	15,734	1,685	64	1,759	13,975	—	10,342			
11. Valluru anicut system	3,814	4,767	8,581	998	12,004	116	..	17,835	797	22,437	4,296	191	4,487	18,000	91,807	58,294			
12. Poiney do.	2,216	5,866	11,082	3,199	27,030	269	..	41,580	1,854	47,312	4,410	137	4,607	42,705	70,364	35,971			
13. Cheyyeru do.	1,261	5,043	6,304	1,981	20,704	529	..	29,518	1,110	34,405	6,417	241	6,658	27,747	1,02,694	49,252			
14. Tirakkoyilur anicut system.	1,582	6,327	7,909	5,940	22,511	663	..	37,023	1,391	45,518	2,139	80	2,219	43,299	1,17,602	99,821			
15. Shalatope anicut system.	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..			
16. Toludur project	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..			
17. Mehamatur anicut system.	199	798	997	2,003	1,484	83	..	4,667	175	5,910	828	31	859	5,071	20,174	17,033			
18. Vaidhaahalam anicut system.	196	783	979	397	3,124	82	..	4,532	172	6,269	..	..	..	6,269	32,788	24,268			
19. Lower Coleroon anicut system.	5,674	52,695	28,269	11,006	91,053	2,379	..	1,32,807	4,992	1,57,754	9,472	356	9,828	1,47,926	4,02,142	2,56,976			
20. Cauvery delta system	29,298	1,17,169	1,46,162	1,27,363	3,75,441	11,725	..	6,61,591	26,539	7,40,077	1,37,460	5,167	1,42,637	5,97,450	37,35,751	4,78,378			
21. Nandrar channel system	300	1,201	1,501	..	2,574	59	..	4,134	236	4,671	5,150	293	5,443	—	18,762	7,205			
22. Peenyar system	17,306	69,223	86,529	8,817	1,39,549	3,373	..	2,38,208	13,669	2,90,568	41,688	2,374	43,062	2,46,826	7,47,269	6,87,231			
23. Srivalkuntam anicut system.	6,347	26,339	31,736	19,280	35,136	1,238	..	87,390	4,987	1,00,460	8,928	510	9,438	90,822	1,44,790	75,234			
24. Marudur anicut system	1,134	4,537	5,671	384	8,840	221	..	15,616	891	21,473	7,547	431	7,978	13,501	1,86,312	89,290			
<b>Total, A. Irrigation—1. Productive works.</b>	1,94,073	7,76,295	9,70,368	2,23,405	17,86,712	37,263	277	30,17,671	1,55,954	37,64,156	3,26,056	15,055	34,110	34,23,046	1,36,11,386	89,20,706			

C-I.—Statement showing the financial results 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 the year ending 1922-23—cont.

Works or systems.	Irrigation.				Revenue (actual receipts).				Working expenses.				Total revenue management.		
	Irrigation revenue.	Share of land revenue.	Total.		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.	
			RS.	RS.										RS.	RS.
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
<b>A. IRRIGATION WORKS—cont.</b>															
2. Unproductive works—															
1. Rushikulya system	253,316	4,572	2,57,888	..	..	2,626	2,60,514	..	2,60,514	67,000	1,93,514	..	..	9,484	9,484
2. Nagavalli river system	1,02,751	13,189	1,15,940	..	..	428	1,16,368	6	1,16,362	37,400	78,962	..	..	3,922	3,922
3. Maniyeru project	24,436	60	24,496	..	..	..	25,346	..	25,346	2,500	22,846	..	..	1,100	1,100
4. Peddinaidu tank of Chinnarasalepalem.	544	..	544	..	..	..	2,846	..	2,846	..	2,846	..	..	27	27
5. Jangameshwarapuram tank.	1,722	..	1,722	..	..	..	1,722	..	1,722	500	1,222	..	..	61	61
6. Atmakur tank	79	..	79	..	..	..	79	..	79	..	79	..	..	4	4
7. Dondapad tank	487	8	500	..	..	..	500	..	500	..	500	..	..	25	25
8. Bhevanasi tank project	2,062	..	2,062	..	..	..	2,062	..	2,062	..	2,062	..	..	103	103
9. Mopad project	11,238	3,274	14,512	..	..	851	15,363	..	15,363	..	15,363	..	..	562	562
10. Itajipuram tank	3,470	15	3,485	..	..	396	3,880	..	3,880	..	3,880	..	..	174	174
11. Ponnalur tank	4,675	..	4,675	..	..	..	4,675	..	4,675	..	4,675	..	..	234	234
12. Anamasamadram-Bireperu tank.	4,072	1	4,073	..	..	..	4,073	..	4,073	3,600	473	..	..	24	24
13. Yerru tank	1,734	64	1,798	..	..	..	1,798	..	1,798	425	1,373	..	..	69	69
14. Vannala tank	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
15. Sogileru tank	12,822	4	12,826	..	..	28	12,854	..	12,854	17,800	4,946	..	..	249	249
16. Talapulavanka tank	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
17. Curumb tank	37,581	461	38,042	..	..	..	38,042	..	38,042	80,000	8,042	..	..	402	402
18. Markapur tank	4,866	1	4,867	..	..	30	4,896	..	4,896	2,130	2,766	..	..	137	137
19. Yellanur tank	3,239	464	3,703	..	..	..	3,703	..	3,703	..	3,703	..	..	162	162
20. Koshuruva tank	671	..	671	..	..	..	671	..	671	980	..	..	..	15	15
21. Siddapur tank	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
22. Nagavaram anicut and supply channel.	3,206	..	3,206	..	..	..	3,206	..	3,206	2,256	950	..	..	47	47
23. Venkataram tank	..	8	8	..	..	..	8	..	8	164	172	..	..	9	9
24. Karnool-Cuddapah canal	3,63,472	1,960	3,65,432	828	..	12,778	3,79,038	87	3,78,951	85,872	3,43,079	..	..	16,470	16,470
25. Barur tank	21,941	471	22,412	..	..	1,519	23,931	24	23,907	4,500	19,407	..	..	874	874
26. Kaniyamphalayam anicut	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
27. Madras water-supply and irrigation system.	29,397	452	29,859	..	..	92	64,380	..	64,380	11,000	53,380	..	..	943	943
28. Peandorai anicut system.	56,677	76	56,753	..	..	330	57,495	1	57,494	3,000	54,494	..	..	2,688	2,688
29. Panjampatti reservoir project.	2,333	381	2,714	..	..	..	2,714	..	2,714	..	2,714	..	..	116	116
Total, A. Irrigation—2. Unproductive works.	9,46,792	25,458	9,72,250	828	2,973	54,097	10,30,148	118	10,30,030	2,19,127	8,10,903	..	..	36,755	36,755
Total, A. Irrigation works	1,71,88,714	7,43,195	1,79,41,909	1,93,689	52,639	2,18,928	1,84,06,565	983	1,84,05,582	52,50,927	1,31,54,655	..	..	6,27,386	6,27,386

C-I—Statement showing the financial results 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 the year ending 1922-23—cont.

Works or systems.		Working expenses—cont.													Net revenue.	
		Maintenance of works.						Deduct old maintenance charges.				Grand total of working expenses.	Total working expenses on improvements.	Total.	Due to improvements.	
		Establishment.		Works.		Repairs.		Tools and plant.		Deduct of recoveries of expenditure.						Plantation.
Direction.	Execution.	Total.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.
<b>A. IRRIGATION WORKS—cont.</b>																
<b>2. Unproductive works—</b>																
1.	Bashkulye system	6,262	25,046	31,808	3,424	41,597	1,364	77,693	4,833	92,010	9,634	599	10,239	81,777	1,88,504	1,11,737
2.	Nagavalli river system	1,946	7,784	3,730	2,909	11,084	424	24,147	1,502	28,971	4,994	311	5,305	23,666	87,391	56,236
3.	Muniyem project	760	3,041	3,801	54	6,757	43	10,655	600	12,355	347	19	365	11,989	12,901	10,887
4.	Pechimain tank of Chir-naropalam.	29	115	144	..	258	2	404	22	453	..	..	..	453	2,393	2,393
5.	Jangamaleswarapuram tank.	51	205	256	2	456	3	717	41	819	..	..	..	819	903	403
6.	Atmakur tank	138	551	689	..	1,234	8	1,931	108	2,043	..	..	..	2,043	1,964	1,964
7.	Dondapad tank	2	11	13	24	3,018	21	5,251	301	5,655	..	..	..	5,655	436	436
8.	Bhavanasi tank project	382	1,527	1,909	403	2,209	14	3,456	4,213	4,213	..	..	..	4,213	11,150	3,593
9.	Mopad project	247	986	1,233	..	155	1	242	14	480	..	..	..	480	3,450	3,450
10.	Hajipuram tank	17	69	86	..	2,415	15	3,778	213	4,225	..	..	..	4,225	450	450
11.	Ponnalur tank	269	1,079	1,348	..	..	..	..	..	24	1,001	66	1,057	1,033	4,049	1,506
12.	Ananaseन्द्रam-Bimperu tank.	..	..	..	..	..	..	..	..	69	..	..	..	69	1,720	1,304
13.	Yerur tank	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
14.	Vamula tank	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
15.	Sagileru tank	..	493	1,971	..	2,465	36	4,955	370	5,076	4,410	329	4,739	7,778	5,283	5,283
16.	Talupulavanka tank	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
17.	Cumbam tank	..	306	1,221	722	800	22	3,071	229	3,702	1,659	119	1,718	1,984	34,340	6,053
18.	Markapur tank	..	229	916	1,145	1,141	17	2,303	171	2,611	489	36	525	2,086	2,285	680
19.	Vellalur tank	..	5	27	..	27	..	54	4	220	..	..	..	220	3,483	3,483
20.	Kocheeruvu tank	..	77	308	385	384	6	775	58	818	..	..	..	818	1,147	1,147
21.	Siddapur tank	..	117	465	582	580	8	1,170	87	1,257	..	..	..	1,257	1,257	1,257
22.	Nagavaram aicut and supply channel.	..	..	..	..	..	..	..	..	47	..	..	..	47	3,159	3,159
23.	Venkatapuram tank	..	61	244	305	304	4	613	45	650	..	..	..	650	658	822
24.	Kurmoole-Chudapan canal.	15,074	60,295	75,369	1,616	73,487	1,992	1,51,571	11,303	1,79,344	6,031	450	6,481	1,72,863	1,99,807	1,70,216
25.	Barar tank	..	264	813	1,017	2,774	25	3,816	170	4,860	..	..	..	4,860	19,047	14,547
26.	Kaniampalayam aicut	..	63	254	317	865	7	1,189	53	1,242	..	..	..	1,242	1,242	1,242
27.	Madras water-supply and irrigation system.	1,292	5,169	6,451	..	23,244	542	30,247	1,137	32,327	4,945	186	5,131	32,063	32,063	26,184
28.	Pelandurai aicut system.	..	571	2,284	2,855	9,358	240	13,350	503	16,541	152	6	158	16,383	10,953	38,111
29.	Panjampatti reservoir project.	..	..	..	..	..	..	..	..	116	..	..	..	116	2,598	2,598
Total, A. Irrigation 2. Unproductive works		28,555	1,14,376	1,42,971	10,067	1,84,602	3,201	3,41,425	21,962	4,00,142	33,602	2,111	35,713	3,64,429	6,29,868	4,46,474
Total, A. Irrigation works		2,22,668	8,90,671	11,13,339	7,38,572	19,71,314	41,164	33,58,996	1,77,916	41,04,398	3,59,657	17,166	3,76,823	37,87,475	1,42,41,234	98,67,180

C-I.—Statement showing the financial results 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 the year ending 1922-23—cont.

Works or systems.	Revenue (actual receipts).										Working expenses.											
	Irrigation.					Navigation.					Miscellaneous.					Revenue management.						
	Irrigation revenue.		Share of land revenue.		Total.	Navigation.		Plantation.		Miscellaneous.	Total.	Less refunds of revenue.	Gross revenue less refunds.	Deduct share of old irrigation revenue.	Total revenue due to improvements.	Direction.	Execution.	Civil officers.	Total revenue management.			
	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.			
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16							
<b>B. NAVIGATION, EMBANKMENT AND DRAINAGE WORKS.</b>																						
2. Unproductive works—																						
1. Ganjam-Gopalpur canal ..	..	..	..	..	1,251	95	1,276	..	1,276	..	1,276	..	..	..	..	..	..	..	..			
2. Buckingham canal ..	..	..	..	..	72,203	1,084	73,814	..	73,814	..	73,814	..	..	..	..	..	..	..	..			
3. Vedaranyam canal ..	..	..	..	..	639	..	647	..	647	..	647	..	..	..	..	..	..	..	..			
Total, B. Navigation, etc., works—	..	..	..	..	72,742	1,109	75,637	16	75,637	..	75,637	..	..	..	..	..	..	..	..			
2. Unproductive.																						
Total, B. Navigation, etc., works—	..	..	..	..	72,742	1,109	75,637	16	75,637	..	75,637	..	..	..	..	..	..	..	..			
Total, Construction of Irrigation, etc., works.	1,71,93,714	7,48,195	1,79,41,909	2,66,431	54,441	2,19,437	1,84,82,218	990	1,84,81,219	52,50,927	1,32,30,292	..	..	..	..	..	..	6,27,386	6,27,386			
<b>Works or systems.</b>	<b>Working expenses—cont.</b>																					
Works or systems.	Maintenance of works.										Working expenses—cont.											
	Establishment.					Tools and plant.					Recovery of expenditure.					Grand total of working expenses.						
	Direction.		Execution.		Total.	Works.		Repairs.		Tools and plant.		Recovery of expenditure.		Grand total of working expenses.		Deduct old maintenance charges.		Total working expenses on improvements.		Net revenue.		
	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	
17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33						
<b>B. NAVIGATION, EMBANKMENT AND DRAINAGE WORKS.</b>																						
2. Unproductive works—																						
1. Ganjam-Gopalpur canal ..	39	155	194	6,658	279	8	..	481	30	511	..	..	..	511	766	766	..	..	..	..	766	
2. Buckingham canal ..	12,602	50,410	63,012	6,658	1,85,493	3,900	..	2,59,039	10,744	2,69,843	..	..	..	2,69,843	1,96,029	1,96,029	..	..	..	..	1,96,029	
3. Vedaranyam canal ..	443	1,773	2,216	364	7,608	186	..	10,374	390	10,764	..	..	..	10,764	10,217	10,217	..	..	..	..	10,217	
Total, B. Navigation, etc., works—	13,084	52,338	65,422	7,062	1,93,380	4,094	..	2,69,964	11,164	2,81,118	..	..	..	2,81,118	2,05,481	2,05,481	..	..	..	..	2,05,481	
2. Unproductive.																						
Total, B. Navigation, etc., works.	13,084	52,338	65,422	7,062	1,93,380	4,094	..	2,69,964	11,164	2,81,118	..	..	..	2,81,118	2,05,481	2,05,481	..	..	..	..	2,05,481	
Total, Construction of Irrigation, etc., works.	2,35,752	9,43,009	11,78,761	2,40,634	21,64,694	45,268	..	36,28,950	1,89,080	44,45,416	3,59,657	17,166	3,76,823	40,68,693	1,40,35,303	91,61,699						

C-II.—Statement showing the financial results of Irrigation, Navigation, Embankment and Drainage Works for, and up to the end of, 1922-1923.

No.	Name of works.	General financial results to end of 1922-1923.									
		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-charge (column 7 + column 8).	
		MILES.	Distributaries.								6 (a)
				RS.	DATE.	RS.	RS.	RS.	RS.	RS.	
PRODUCTIVE WORKS—A. Irrigation.											
1	Ganjām minor river system	119	225	2,80,074	1846-47	2,74,714	..	10,41,359	2,74,714	..	
2	Godāvari delta system	511½	1,995½	1,71,76,105	1876-77	1,61,25,436	..	9,61,00,961	1,61,25,436	..	
3	Kistna do.	349	2,185½	1,77,02,899	1913-14	1,68,04,807	..	7,03,79,832	1,68,04,807	..	
4	Divi pumping do.	50	120½	24,28,619	1860-61	20,60,384	..	2,41,880	23,02,264	..	
5	Pennār river canal system	30½	477	67,52,001	..	67,41,435	..	59,80,467	67,41,435	..	
6	Arkenkota channel do.	23½	..	1,44,445	..	1,44,445	..	7,987	1,44,445	..	
7	Thadapalli do.	83½	..	1,75,805	..	1,75,805	..	11,35,782	1,75,805	..	
8	Kalingarayan channel do.	61½	..	1,80,486	..	1,80,486	..	2,92,185	1,80,486	..	
9	Palar anicut do.	156	139	24,56,754	..	24,56,754	..	3,75,563	28,32,317	..	
10	Chembramhakkam tank	107	1½	7,64,143	..	7,64,143	..	3,10,598	7,64,143	..	
11	Valluru anicut system	5½	8	76,282	..	76,282	..	15,263	91,545	..	
12	Poiney do.	104	78	2,95,209	1855-56	3,03,001	..	11,33,273	3,03,001	..	
13	Cheygar do.	61	120	4,97,301	1852-53	4,81,083	..	1,93,406	4,84,083	..	
14	Tirukkōyilur anicut system	137	28½	3,92,234	1861-62	3,85,813	..	4,79,479	3,85,813	..	
15	Shatatope do.	41	149	10,01,036	1847-48	9,72,642	..	34,71,284	9,72,642	..	
16	Toludur project	..	9½	32,10,000	..	24,33,771	..	4,30,142	28,63,913	..	
17	Mehamattur anicut system	15	33	75,300	..	75,381	..	1,88,145	75,381	..	
18	Vridhachalam do.	33	16	86,685	..	86,685	..	4,36,785	86,685	..	
19	Lower Coleroon do.	486	620	19,42,892	1848-49	19,42,892	..	1,23,66,528	19,42,892	..	
20	Cauvery delta system	1,507	1,971	52,64,525	1886-87	47,82,942	..	3,91,47,520	47,82,942	..	
21	Nandiyar channel system	81	..	65,715	..	65,715	..	18,148	83,863	..	
22	Peryār system	145	105	1,07,82,338	1896-97	1,06,85,069	..	78,894	1,07,63,968	..	
23	Srivaikuntam anicut system	28	46	17,73,462	1870-71	17,74,000	..	12,52,713	17,74,000	..	
24	Marudur do.	29	7½	59,598	..	51,806	..	82,15,193	51,806	..	
	Total, Productive Works	4,017½	8,303½	7,35,83,368	..	6,98,48,431	..	11,59,890	23,71,33,097	7,10,08,381	
UNPRODUCTIVE WORKS—A. Irrigation.											
1	Rushikulya system	80	151	51,54,518	1891-92	51,37,240	..	31,88,907	83,26,147	..	
2	Nagavalli river system	22½	95½	17,30,000	..	17,19,171	..	4,31,194	21,50,365	..	
3	Muniyuru project	60½	6½	7,01,715	..	5,98,602	..	3,50,960	9,49,562	..	
4	Paidanayudu tank	2	..	88,900	..	63,495	..	17,347	80,842	..	
5	Jangamaheswarapuram tank	..	58½	71,664	..	71,664	..	35,574	1,07,238	..	
6	Amahur tank	..	41½	1,23,379	..	1,23,379	..	56,586	1,79,965	..	
7	Dondapad tank	..	6	1,40,004	..	1,40,004	..	1,30,454	2,70,458	..	
8	Bhavanasani tank project	6½	..	2,09,000	..	2,60,308	..	77,752	3,38,060	..	

C-II.—Statement showing the financial results of Irrigation, Navigation, Embankment and Drainage Works for, and up to the end of, 1922-1923—cont.

No.	Name of works.	Financial results of the year 1922-1923.										
		11	12	13	14	15	16	17	18	19	20	
		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 8-3252 per cent on direct capital outlay to end of 1916-17 and at 5-48 per cent on subsequent outlay.	Net profit.	Net loss.	Area irrigated.	Percentage of working expenses to receipts (column 11 to column 12).	
		RS.	RS.	RS.	PER CENT.	PER CENT.	RS.	RS.	RS.	ACS.	PER CENT.	
<b>PRODUCTIVE WORKS—A. Irrigation—cont.</b>												
1	Ganjam minor river system	71,464	22,822	48,642	17-70	17-70	8,868	39,774	..	20,243	31-93	
2	Godavari delta system	41,31,451	10,29,226	31,02,226	19-23	19-23	4,86,948	26,16,278	..	8,02,898	24-91	
3	Kistna do.	38,49,302	6,82,123	31,67,179	18-85	18-85	5,31,607	26,35,572	..	6,88,811	17-72	
4	Divi pumping do.	2,39,072	1,83,718	51,354	2-49	2-23	69,080	74,740	17,726	27,856	78-15	
5	Pennar river canal system	6,14,357	1,46,398	4,67,959	6-94	6-94	1,91,023	2,76,936	..	74,740	28-88	
6	Achenkotta channel do.	18,794	9,261	9,533	6-55	6-55	4,681	4,782	..	2,262	49-46	
7	Thadapalli do.	65,204	20,062	45,142	25-67	25-67	5,478	39,664	..	6,951	30-77	
8	Kalingarayan channel do.	46,763	7,642	39,121	21-67	21-67	5,852	33,269	..	5,447	16-35	
9	Palur aicut do.	2,48,767	66,144	1,82,623	7-47	4-89	78,154	1,05,459	..	40,152	26-19	
10	Chembambakkam tank do.	41,408	4,032	37,376	4-89	4-89	21,919	15,457	13,047	4,297	9-74	
11	Valuru do.	3,633	13,975	10,342	13-55	11-30	2,705	7,639	..	1,301	384-67	
12	Fooney aicut system do.	76,794	18,000	58,794	19-24	19-24	10,848	47,416	..	10,249	23-59	
13	Cheygar do.	78,676	42,708	35,971	7-43	7-43	16,457	19,514	..	19,767	54-28	
14	Trukkayilur aicut system do.	76,999	27,747	49,252	12-77	12-77	12,703	36,549	..	16,405	36-04	
15	Shatdrope do.	1,43,120	43,299	99,821	10-26	10-26	30,441	69,380	..	31,840	30-25	
16	Toludur project do.	..	..	..	..	..	97,934	..	97,934	..	..	
17	Mehamathur aicut system do.	22,104	5,071	17,033	22-60	22-60	2,496	14,537	..	4,235	22-94	
18	Vidhachalam do.	30,557	6,269	24,288	28-02	28-02	2,799	21,489	..	6,669	20-51	
19	Lower Coleroon do.	4,04,902	1,47,928	2,56,976	13-22	13-22	62,375	1,94,701	..	71,425	36-53	
20	Cauvery delta system do.	10,75,823	5,97,450	4,78,378	10-00	10-00	1,58,457	3,19,921	..	2,07,429	55-63	
21	Nandyar channel do.	6,483	772	5,711	10-96	8-59	2,137	3,574	..	3,068	12-00	
22	Periyar system do.	8,33,857	2,46,626	5,87,231	5-46	5-46	3,43,516	2,43,715	..	96,140	29-57	
23	Shivaikuntam aicut system do.	1,65,056	90,822	75,234	4-24	4-24	56,579	18,655	..	24,257	54-69	
24	Marudur do.	1,02,791	13,501	89,290	172-35	172-35	1,680	87,610	..	15,223	13-13	
<b>Total, Productive Works</b>		<b>1,23,43,752</b>	<b>34,23,046</b>	<b>89,20,706</b>	<b>12-77</b>	<b>12-56</b>	<b>22,93,637</b>	<b>67,17,059</b>	<b>..</b>	<b>21,81,675</b>	<b>27-73</b>	
<b>UNPRODUCTIVE WORKS—A. Irrigation—cont.</b>												
1	Kushikulya system	1,93,514	81,777	1,11,737	2-17	1-34	1,57,917	..	46,180	60,886	42-26	
2	Nagavalli river system	78,962	23,666	55,296	3-22	2-57	56,442	..	1,146	9,886	29-97	
3	Muniyuru project	22,843	11,989	10,854	1-81	1-14	18,919	..	8,062	5,572	52-48	
4	Peddannayudu tank	2,846	453	2,393	3-77	2-96	2,065	328	..	187	15-82	
5	Jangamaheeravaram tank	1,222	819	403	..	38	2,038	..	1,635	67-02	87-02	
6	Atmakur tank	79	2,043	1,964	..	1-59	3,656	..	5,620	742	2,686-08	
7	Dondapad tank	500	64	436	..	..	4,139	..	3,713	151	12-8	
8	Bhavanasi tank project	2,062	5,655	3,593	..	..	9,819	..	13,412	408	271-25	

C-II.—Statement showing the financial results of Irrigation, Navigation, Embankment and Drainage Works for, and up to the end of, 1922-1923—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 revenues.	Total sum-charge (column 7 + column 8).
		MILES.	MILES.							
1	2	3	4	5	6 (a)	6 (b)	7	8	9	10
General financial results to end of 1922-1923—cont.										
UNPRODUCTIVE WORKS—A. Irrigation—cont.										
9	Mopad project	10½	84	2,297,000	..	..	22,89,697	7,14,894	..	30,04,591
10	Hajipuram tank	..	4½	3,11,883	..	..	3,11,883	1,40,833	..	4,52,716
11	Ponnalur tank	..	7	2,18,405	..	..	2,16,676	1,39,185	..	3,55,861
12	Anamesamudram-Biraperu tank	..	2½	73,573	..	..	73,573	34,216	..	1,07,789
13	Yerur tank	..	..	63,353	..	..	63,353	23,988	..	87,341
14	Vamula tank	..	..	63,757	..	..	63,757	42,989	..	1,06,746
15	Sagieru system	..	..	4,64,727	..	..	4,64,727	4,55,689	..	9,20,416
16	Talupulavanka tank	..	..	88,824	..	..	88,824	38,850	..	1,27,674
17	Cumbum tank	..	..	86,373	..	..	86,373	..	57,770	86,373
18	Markapur tank	..	..	1,30,333	..	..	1,20,668	35,488	..	1,56,096
19	Yellannur do.	..	..	2,35,800	..	..	2,69,707	85,627	..	3,55,334
20	Kocheeruvu do.	..	..	1,35,734	..	..	1,35,734	56,610	..	1,92,344
21	Siddapur do.	..	..	2,04,486	..	..	8,04,186	2,64,339	..	10,68,525
22	Nagarvam anicut and supply channel	..	..	1,09,890	..	..	1,09,890	31,014	..	1,40,904
23	Venkatapuram tank project	..	..	3,35,210	..	..	3,84,921	1,40,535	..	5,25,456
24	Kurnool-Cuddapah canal	417½	294½	2,31,887	1882-83	1882-83	2,30,907	3,17,031	..	5,47,938
25	Barur tank	11	26	4,43,113	1887-88	1887-88	4,43,113	5,36,543	..	9,79,656
26	Kaniyampalayam anicut	..	..	1,40,100	..	..	1,30,775	27,324	..	1,57,999
27	Madras water-supply and irrigation system	11½	..	18,21,711	..	..	18,19,114	24,63,488	..	42,82,602
28	Pelandorai anicut system	89	..	6,42,017	..	..	6,42,017	5,56,872	..	11,98,889
29	Panjampathi reservoir project	..	..	4,04,600	..	..	3,38,309	83,074	..	4,21,383
Total, A. Irrigation—2. Unproductive ..										
Total, A. Irrigation ..										
B. Navigation, Embankment and Drainage Works—										
2. Unproductive.										
1	Ganjam-Gopalpur canal	..	..	1,55,493	..	..	1,55,493	1,88,289	..	3,43,782
2	Euckingham canal	262	..	90,51,179	..	..	90,55,326	1,53,17,307	..	2,43,72,633
3	Vedaraniyan canal	84½	..	1,36,432	..	..	1,36,432	5,15,408	..	6,51,840
Total, B. Navigation, etc., works—2. Unproductive ..										
Total, B. Navigation, etc., works ..										
Total, Construction of Irrigation, etc., works ..										
Total, A. Irrigation—2. Unproductive ..										
Total, B. Navigation, etc., works ..										
Total, Construction of Irrigation, etc., works ..										

N.B.—Only works for which Capital and Revenue accounts are kept should be included in this return.  
 N.C.—In the case of certain items no entries have been made in columns 6 (a) and 6 (b) as information is not available.

C-II.—Statement showing the financial results of Irrigation, Navigation, Embankment and Drainage Works for, and up to the end of, 1922-1923—cont.

Financial results of the year 1922-1923—cont.

No.	Name of works.	Financial results of the year 1922-1923—cont.									Percentage of working expenses to receipts (column 11 to column 12).
		11	12	13	14	15	16	17	18	19	
		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 1916-17 and at 5-48 per cent on subsequent outlay.	Net profit.	Net loss.	Area irrigated.	
		RS.	RS.	RS.	PER CENT.	PER CENT.	RS.	RS.	RS.	ACS.	PER CENT.
<b>2. UNPRODUCTIVE WORKS—A. Irrigation—cont.</b>											
9	Mopad project ..	15,363	4,213	11,150	.49	.37	84,387	73,537	2,218	27.42	
10	Hajipuram tank ..	3,880	430	3,450	1.10	.78	9,270	5,820	875	11.08	
11	Ponnalur tank ..	4,675	4,225	450	.21	.13	6,432	916	90.37		
12	Anamasandram-Braperu tank ..	473	1,032	1,506	2.05	1.40	2,384	878	49	218.39	
13	Yerur tank ..	1,373	69	1,304	2.06	1.49	2,053	749	768	5.03	
14	Vanula tank ..	..	..	..	..	..	2,068	2,068	..	..	
15	Sagileru system ..	4,946	337	5,283	1.14	.57	14,867	20,150	264	..	
16	Talapulavanka tank ..	..	..	..	..	..	2,204	2,204	..	..	
17	Cumbum tank ..	8,042	1,984	6,058	7.01	7.01	2,793	3,265	1,897	24.67	
18	Markapur tank ..	2,755	2,086	680	.56	.44	3,579	3,199	1,080	75.41	
19	Yellanur do. ..	3,703	290	3,413	.98	.98	8,945	4,832	903	5.94	
20	Kootheruva do. ..	309	818	1,127	.83	.58	4,333	5,460	51	..	
21	Siddapur do. ..	..	1,257	1,257	.16	.12	26,562	27,819	..	..	
22	Nagavaram anicut and supply channel ..	950	303	647	.64	.64	3,968	2,665	109	4.95	
23	Venkatapuram tank project ..	172	650	822	.21	.16	12,943	13,765	44	..	
24	Kurnool-Uddapah canal ..	3,43,079	1,72,863	1,70,216	.73	.31	7,84,911	6,14,695	88,110	50.38	
25	Sarur tank ..	19,407	4,860	14,547	3.28	1.86	13,945	8,069	3,069	25.04	
26	Kaniyampalayam anicut ..	..	1,242	1,242	.95	.78	6,094	7,336	..	..	
27	Madras water-supply and irrigation system ..	53,380	27,196	26,184	1.44	.61	53,231	27,047	5,134	50.95	
28	Pelandora anicut system ..	54,494	16,363	38,111	5.50	3.05	22,084	10,932	10,932	30.06	
29	Panjampatti reservoir project ..	2,714	116	2,598	.76	.61	13,473	9,875	626	4.28	
	Total, A Irrigation—2. Unproductive ..	8,10,903	3,64,429	4,46,474	1.11	.54	13,34,681	8,38,107	184,712	44.94	
	Total, A Irrigation ..	1,31,54,655	37,87,475	93,67,180	8.49	6.12	35,38,218	58,28,922	2,366,387	28.79	
<b>B. Navigation, Embankment and Drainage Works—2. Unproductive—cont.</b>											
1	Ganjam-Gopalpur canal ..	1,276	511	765	.49	.22	4,758	3,923	..	40.05	
2	Buckingham canal ..	73,814	2,69,848	1,96,029	2.16	.80	2,85,872	4,81,901	..	365.57	
3	Vedavaniyam canal ..	547	10,764	10,217	7.49	1.57	4,412	14,629	..	1,967.82	
	Total, B. Navigation, etc., works—2. Unproductive ..	75,637	2,81,118	2,05,481	2.19	.81	2,95,042	5,00,523	..	371.66	
	Total, B. Navigation, etc., works ..	75,637	2,81,118	2,05,481	2.19	.81	2,95,042	5,00,523	..	371.66	
	Total, Construction of Irrigation, etc., works ..	1,32,30,292	40,38,593	91,61,699	7.66	5.13	38,38,260	55,28,439	2,366,387	30.75	

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

**C-III.—Demands and Realizations during the year 1922-23 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.	Irrigation, Navigation, Embankment and Drainage Works (classified as Productive and Unproductive) for which Capital and Revenue Accounts are kept.									
	1	2	3	4	5	6	7	8	9	10
	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.	
<b>A. IRRIGATION WORKS.</b>										
<b>1. PRODUCTIVE WORKS.</b>										
Ganjām minor river system	..	1,69,578	1,69,578	3,114	1,66,464	..	1,66,464	95,000	71,464	..
Godāvāri delta system	..	42,98,065	42,98,065	42,614	42,55,451	..	42,55,451	1,24,000	41,31,451	..
Kistna	..	39,70,489	39,70,489	50,187	39,20,302	..	39,20,302	71,000	38,49,302	..
Divi pumping	..	2,68,885	2,68,885	8,018	2,56,867	..	2,56,867	20,300	2,36,567	..
Penner river canals	..	8,75,865	8,75,865	5,008	8,70,857	..	8,70,857	2,56,000	6,14,857	..
Arkenkota channel	..	37,724	37,724	..	37,724	..	37,724	19,000	18,724	..
Thadepalli channel do.	..	1,41,204	1,41,204	..	1,41,204	..	1,41,204	76,000	65,204	..
Kalngarayan channel system	..	1,31,789	1,31,789	36	1,31,753	..	1,31,753	86,000	46,753	..
Palār anicut system	..	3,75,809	3,75,809	2,042	3,73,767	..	3,73,767	1,26,000	2,48,767	..
Chembrambakkam tank system	..	57,538	57,538	130	57,408	..	57,408	16,000	41,408	..
Vallur anicut system ..	..	8,856	8,856	223	8,633	..	8,633	5,000	3,633	..
PoNEY do.	..	1,14,620	1,14,620	326	1,14,294	..	1,14,294	38,000	76,294	..
Chéyyar do.	..	1,18,092	1,18,092	416	1,17,676	..	1,17,676	39,000	78,676	..
Tirukōyilār do.	..	1,37,117	1,37,117	118	1,36,999	..	1,36,999	60,000	76,999	..
Shatātope do.	..	1,63,129	1,63,129	9	1,63,120	..	1,63,120	20,000	1,43,120	..
Toludur project	..	26,104	26,104	..	26,104	..	26,104	4,000	22,104	..
Mehamatur anicut system	..	39,072	39,072	15	39,057	..	39,057	8,500	30,557	..
Vriddhaohalam do.	..	5,60,362	5,60,362	460	5,59,902	..	5,59,902	1,56,000	4,04,902	..
Lower Coleroon anicut system	..	44,86,817	44,86,817	10,989	44,75,828	..	44,75,828	34,00,000	10,75,828	..
Caavery delta system	..	23,640	23,640	207	23,433	..	23,433	17,000	6,433	..
Nandiyar channel system	..	10,41,707	10,41,707	3,860	10,37,847	..	10,37,847	2,04,000	8,33,847	..
Feriyar system ..	..	2,46,515	2,46,515	1,459	2,45,056	..	2,45,056	79,000	1,66,056	..
Srivaikuntam anicut system	..	2,18,076	2,18,076	285	2,17,791	..	2,17,791	1,15,000	1,02,791	..
Marudur anicut system	..	1,75,06,053	1,75,06,053	1,29,501	1,73,76,552	..	1,73,76,552	50,31,800	1,23,44,752	..
<b>Total, A. Irrigation, Productive Works</b>										
<b>2. UNPRODUCTIVE WORKS.</b>										
Rushikrilya system:	..	2,61,957	2,61,957	1,443	2,60,514	..	2,60,514	67,000	1,93,514	..
Nagavalli river system	..	1,17,821	1,17,821	1,459	1,16,362	..	1,16,362	37,400	78,962	..
Muniyaru system ..	..	26,346	26,346	..	26,346	..	26,346	2,500	22,846	..
Peddannayadu tank of Chinnarowpalem	..	2,846	2,846	..	2,846	..	2,846	..	2,846	..
Jangamaheewarapuram tank	..	2,475	2,475	753	1,722	..	1,722	500	1,222	..
Atmakur tank	..	2,854	2,854	2,775	79	..	79	..	79	..
Dondlad tank	..	500	500	..	500	..	500	..	500	..
Bhavanesi tank	..	2,404	2,404	342	2,062	..	2,062	..	2,062	..

C-III.—Demands and Realizations during the year 1922-23 in the Madras Presidency—cont.  
Irrigation, Navigation, Embankment and Drainage works (classified as Productive and Unproductive) for which Capital and Revenue Accounts are kept—cont.

Works or systems.	1	2	3	4	5	6	7	8	9	10
	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.	
	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	
<b>A. IRRIGATION WORKS—cont.</b>										
<b>UNPRODUCTIVE WORKS—cont.</b>										
Mopad project .. .. .	..	15,363	15,363	..	15,363	..	15,363	..	15,363	
Hajipuram tank .. .. .	..	3,926	3,926	..	3,926	..	3,880	..	3,880	
Ponnalur tank .. .. .	..	4,675	4,675	..	4,675	..	4,675	..	4,675	
Anamasandram-Berapur tank .. .. .	..	4,074	4,074	..	4,073	..	4,073	..	4,073	
Yerur tank .. .. .	..	3,674	3,674	..	1,876	..	1,798	..	1,873	
Vamula tank .. .. .	..	17,242	17,242	..	4,388	..	12,854	..	17,800	
Sagileru tank .. .. .	..	38,057	38,057	..	15	..	38,042	..	38,042	
Talapuravanka tank .. .. .	..	4,896	4,896	..	666	..	4,896	..	2,766	
Gumbum tank .. .. .	..	4,369	4,369	..	219	..	3,703	..	3,703	
Markapur tank .. .. .	..	890	890	..	..	..	671	..	980	
Yellanur do. .. .. .	..	3,206	3,206	..	..	..	3,206	..	2,256	
Kocharvu do. .. .. .	..	8	8	..	..	..	8	..	164	
Siddapur do. .. .. .	..	3,79,188	3,79,188	..	237	..	3,78,951	..	3,43,079	
Nagavaram anicut and supply channel .. .. .	..	24,074	24,074	..	167	..	23,907	..	19,407	
Venkatapuram tank .. .. .	..	64,380	64,380	..	..	..	64,380	..	53,380	
Kurnool-Cuddapah canal .. .. .	..	57,508	57,508	..	14	..	57,494	..	54,494	
Barur tank .. .. .	..	2,714	2,714	..	..	..	2,714	..	2,714	
Kanniyampalayam anicut .. .. .	..	10,45,252	10,45,252	..	15,222	..	10,30,030	..	8,10,903	
Madras water-supply and irrigation system .. .. .	..	1,85,50,305	1,85,50,305	..	1,44,723	..	1,84,05,582	..	1,31,54,655	
Pelandorai anicut system .. .. .	..	..	..	..	..	..	..	..	..	
Panjampatti reservoir project .. .. .	..	..	..	..	..	..	..	..	..	
Total, A. Irrigation, 2. Unproductive Works .. .. .	..	1,86,95,044	1,86,95,044	..	1,44,739	..	1,84,81,219	..	1,32,30,292	
<b>B. NAVIGATION, EMBANKMENT AND DRAINAGE WORKS.</b>										
<b>2. UNPRODUCTIVE WORKS.</b>										
Ganjam-Gopalpur canal .. .. .	..	1,276	1,276	..	..	..	1,276	..	1,276	
Buckingham canal .. .. .	..	73,830	73,830	..	16	..	73,814	..	73,814	
Vedaranniyam canal .. .. .	..	547	547	..	..	..	547	..	547	
Total, B. Navigation, etc. Works, 2. Unproductive Works .. .. .	..	75,653	75,653	..	16	..	75,637	..	75,637	
Total, B. Navigation, etc., Works .. .. .	..	75,656	75,656	..	16	..	75,637	..	75,637	
Total, Construction of Irrigation, etc., Works .. .. .	..	1,86,95,044	1,86,95,044	..	1,44,739	..	1,84,81,219	..	1,32,30,292	

C. SUBRAHMANYA AYYAR,  
Deputy Accountant-General.

FORT ST. GEORGE,  
3rd November 1923.



C-IV.—Statement showing the financial results 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 the year 1922-23 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 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.	Planta-tion.	Navi-gation.						Miscel-laneous.	Total.	Deduct old main-tenance and charges.				Total working expenses on improve-ments.		
2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	
	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	
<b>A. IRRIGATION WORKS—cont.</b>																	
<b>2. Unproductive Works.</b>																	
1. Rushikulya system ..	51,37,240	..	2,626	..	2,626	2,57,888	..	2,60,514	67,000	1,93,514	92,010	10,233	81,777	1,68,504	1,11,787	2-17	
2. Nagavalli river system ..	17,19,171	..	428	..	428	1,15,940	6	1,16,362	37,400	78,962	28,971	5,305	23,666	87,391	55,296	3-22	
3. Maniyaru project ..	5,98,602	..	683	..	683	24,496	..	25,346	2,500	22,846	12,365	366	11,989	12,941	10,557	1-81	
4. Peddanyandu tank of Chin-narayana.	63,495	..	..	..	..	544	..	2,816	..	2,816	463	..	463	2,393	2,393	3-77	
5. Jangamahevarapuram tank.	71,664	..	..	..	..	1,722	..	1,722	500	1,222	819	..	819	903	403	-56	
6. Atmakur tank ..	1,23,379	..	..	..	..	79	..	79	..	2,043	2,043	..	2,043	1,964	1,964	-1-59	
7. Dondapad tank ..	1,40,004	..	..	..	..	500	..	500	..	64	64	..	64	436	436	-31	
8. Bhavanasi tank project ..	2,60,308	..	..	..	..	2,062	..	2,062	..	2,062	5,655	..	5,655	3,593	3,593	-1-38	
9. Mopad project ..	22,89,697	..	851	..	851	14,512	..	15,363	..	15,363	4,216	..	4,216	11,150	11,150	-49	
10. Hajipuram tank ..	5,11,883	..	395	..	395	3,880	..	3,880	..	3,880	430	..	430	3,450	3,450	1-10	
11. Ponnalur tank ..	2,16,576	..	..	..	..	4,675	..	4,675	..	4,675	4,225	..	4,225	450	450	-21	
12. Anamasamudram-Berperu tank.	73,573	..	..	..	..	4,073	..	4,073	3,600	473	24	1,057	1,033	4,049	1,506	2-05	
13. Yerur tank ..	63,353	..	..	..	..	1,798	..	1,798	425	1,373	69	..	69	1,729	1,304	2-06	
14. Vemula tank ..	63,757	..	..	..	..	12,826	..	12,854	17,800	4,946	5,076	4,739	337	7,778	5,283	-1-14	
15. Sagileru tank ..	4,64,727	..	28	..	28	..	..	..	..	..	..	..	..	..	..	..	
16. Talapularanka tank ..	68,824	..	..	..	..	38,042	..	38,042	30,000	8,042	3,702	1,718	1,984	34,340	6,038	7-01	
17. Cumbam tank ..	86,373	..	30	..	30	4,866	..	4,896	2,130	2,766	2,611	525	2,086	2,266	680	-56	
18. Markapur tank ..	1,20,658	..	..	..	..	3,703	..	3,703	..	3,703	220	..	220	3,483	3,483	1-29	
19. Veilaur tank ..	2,69,707	..	..	..	..	671	..	671	980	309	318	..	318	147	1,127	-83	
20. Kocheeruvu tank ..	1,35,734	..	..	..	..	..	..	..	..	..	1,257	..	1,257	1,257	1,257	-16	
21. Siddapur tank ..	8,04,486	..	..	..	..	3,206	..	3,206	2,256	950	47	..	47	3,159	903	-82	
22. Nagavaram anicut and supply channel.	1,09,890	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	
23. Venkatapuram tank ..	3,84,921	..	..	..	..	8	..	8	164	172	650	..	650	658	892	-21	
24. Kurruol-Cuddapah Canal ..	2,32,907,783	..	828	..	828	3,65,432	87	3,78,951	35,872	3,43,079	1,79,344	6,481	1,72,863	1,99,607	1,70,216	-73	
25. Barur tank ..	4,43,113	..	..	..	..	22,412	24	23,907	4,500	19,407	4,860	..	4,860	19,047	14,547	3-28	
26. Kanniyapalem anicut ..	1,30,775	..	..	..	..	..	..	..	..	..	1,242	..	1,242	1,242	1,242	-96	

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 1922-23 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.		
	Owner's rate.	Plantation.	Navigation.	Miscellaneous.						Total.	Total charges (direct and indirect).	Total working expenses on improvements.				Total.	
2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	
<b>A.—IRRIGATION WORKS—cont.</b>																	
<b>2. Unproductive Works—cont.</b>																	
27. Madras water supply and irrigation system.	18,19,114	..	92	..	34,429	34,521	..	64,380	11,000	53,380	32,327	5,131	27,196	32,033	26,184	1.44	
28. Pelandora ancient system ..	6,32,017	..	412	..	330	742	1	57,494	3,000	54,494	16,541	158	16,383	40,953	38,111	5.50	
29. Panjampatti reservoir project.	3,88,309	..	..	..	..	..	..	2,714	..	2,714	116	..	116	2,598	2,598	.76	
Total, A. Irrigation—	4,03,99,133	..	2,373	828	54,097	57,898	118	10,30,030	2,19,127	8,10,903	4,00,142	35,713	3,64,429	6,29,888	4,46,474	1.11	
2. Unproductive Works.	11,02,40,624	..	52,639	1,93,689	2,18,328	4,64,656	983	1,84,05,582	52,50,927	1,51,54,655	41,64,298	3,76,823	37,87,475	4,24,1,284	93,67,180	8.49	
<b>B. NAVIGATION, EMBANKMENT AND DRAINAGE WORKS.</b>																	
<b>2. Unproductive Works.</b>																	
1. Ganjam-Gopalpur Canal ..	1,55,493	..	1,251	..	25	1,276	..	1,276	..	1,276	511	..	511	765	765	.49	
2. Buckingham do. ..	90,55,326	..	543	72,203	1,084	73,830	..	73,814	..	73,814	2,69,843	..	2,69,843	1,96,029	1,96,029	2.16	
3. Vedaraniyam do. ..	1,36,432	..	8	539	..	547	..	547	..	547	10,764	..	10,764	10,217	10,217	7.49	
Total, B. Navigation, etc., Works—2.	93,47,251	..	1,802	72,742	1,109	75,653	16	75,637	..	75,637	2,81,118	..	2,81,118	2,05,481	2,05,481	2.19	
Total, B. Navigation, etc., Works	93,47,251	..	1,802	72,742	1,109	75,653	16	75,637	..	75,637	2,81,118	..	2,81,118	2,05,481	2,05,481	2.19	
Total, Construction of Irrigation, etc., Works.	11,95,87,875	..	54,441	2,66,431	2,19,437	5,40,309	999	1,84,81,219	52,50,927	1,32,30,292	44,45,416	3,76,823	40,88,593	40,35,803	91,61,699	7.66	

V. S. SUNDARAM,  
Deputy Accountant-General.



D-II.—Description and quantities of goods, etc., carried on the principal canals in the Madras Presidency during the year 1922-23.

Description.	Godavari canals.						Kistna canals.					
	Total, Government and Private.			Private.			Total, Government and Private.			Private.		
	Quantity, tons.			Value.			Quantity, tons.			Value.		
	Up.	Down.	Total.	Rs.	Tons.	Value.	Up.	Down.	Total.	Rs.	Tons.	Value.
1	2	3	4	5	6	7	8	9	10	11	12	13
<i>Boat Traffic.</i>												
Cotton, raw and manufactured	718	787	1,495	59,59,588	1,495	59,59,588	11	14	25	94,960	35	94,960
Woolen goods	..	..	..	..	..	..	15	5	20	2,05,120	20	2,05,120
Dyes and tans	155	384	539	7,05,782	519	7,05,782	18	55	73	1,72,107	73	1,72,107
Rice and paddy	107,940	49,810	157,750	2,78,77,155	157,750	2,78,77,155	55,254	8,486	63,750	98,89,770	63,750	98,89,770
Other food-grains	3,478	13,642	17,120	33,72,640	17,120	33,72,640	885	6,119	7,004	13,79,788	7,004	13,79,788
Hides and skins	33	14	47	99,208	47	99,208	82	16	98	1,97,276	41	1,97,276
Liquors	112	205	317	9,02,499	317	9,02,499	3	29	32	91,104	32	91,104
Metals	735	369	1,104	9,63,658	1,604	9,63,658	20	74	94	68,651	94	68,651
Oils	1,289	3,811	5,100	34,98,600	5,100	34,98,600	493	366	859	5,89,274	859	5,89,274
Oil-seeds	918	4,392	5,310	14,65,560	5,310	14,65,560	968	735	1,703	4,70,021	1,703	4,70,021
Provisions	28,813	11,178	39,991	3,58,39,245	39,991	3,58,39,245	2,635	3,594	6,229	74,43,655	6,229	74,43,655
Salt	11,295	6,317	17,612	10,03,914	17,612	10,03,914	17,689	185	17,874	10,18,818	17,874	10,18,818
Spices	490	756	1,246	13,36,958	1,246	13,36,958	8	9	17	18,241	17	18,241
Sugar and jaggery	12,856	5,053	17,909	58,76,888	17,409	58,76,888	373	440	813	2,73,981	813	2,73,981
Tobacco	1,945	13,993	15,938	2,97,55,213	15,938	2,97,55,213	568	550	1,118	12,90,468	1,118	12,90,468
Building materials	47,612	124,138	171,750	4,28,561	25,135	81,531	9,124	77,560	87,004	1,80,316	86,309	1,79,833
Miscellaneous goods	16,463	22,945	39,413	37,42,187	39,413	37,42,187	6,462	16,839	22,391	7,67,846	22,391	7,67,846
Timber	6,567	9,079	15,646	30,05,510	16,246	30,05,510	897	3,764	4,661	8,62,385	4,661	8,62,385
Firewood	15,092	6,561	21,653	3,24,795	21,653	3,24,795	17,462	421	17,873	2,18,969	17,873	2,18,969
Bamboos	5,425	25,953	31,379	15,37,571	31,379	15,37,571	2,175	9,507	11,682	5,73,418	11,682	5,73,418
Coal and coke	4	321	325	8,125	325	8,125	151	43	174	4,850	174	4,850
Jute	55	8	63	26,019	63	26,019	..	23	23	9,499	23	9,499
Treasure	..	2	2	5,24,200	..	..	..	..	..	..	..	..
Total, Boat Traffic	251,481	300,818	552,299	12,55,13,319	405,682	12,46,42,189	114,269	128,944	243,213	2,58,13,089	242,569	2,58,13,089
<i>Raft Traffic.</i>												
Timber in logs	30	41,139	41,169	64,22,364	41,169	64,22,364	253	3,408	3,641	5,67,996	3,641	5,67,996
Squared timber	152	1,148	1,300	2,91,200	1,300	2,91,200	..	71	71	15,204	71	15,204
Sleepers, broad gauge	..	..	..	..	..	..	..	..	..	..	..	..
Do. metre gauge	..	..	..	..	..	..	..	..	..	..	..	..
Scantlings	..	..	..	..	..	..	..	..	..	..	..	..
Poles	2	..	2	244	..	244	..	6	6	1,296	6	1,296
Firewood	31	..	31	434	..	434	..	..	..	..	..	..
Bamboos and reeds	..	41,475	41,475	17,00,475	41,475	17,00,475	601	3,298	3,899	1,69,859	3,298	1,69,859
Total, Raft Traffic	215	83,762	83,977	84,14,717	83,977	84,14,717	894	6,763	7,617	7,45,055	7,617	7,45,055
Grand Total	251,696	384,580	636,276	13,39,28,086	489,659	13,30,56,906	115,103	135,727	250,880	2,65,58,144	250,186	2,65,57,661

D-II.—Description and quantities of goods, etc., carried on the principal canals in the Madras Presidency during the year 1922-1923—cont.

Description.	Kurnool-Cuddapah canal.						Buckingham canal.					
	Total, Government and Private.			Private.			Total, Government and Private.			Private.		
	Quantity, tons.			Value.			Quantity, tons.			Value.		
	Up.	Down.	Total.	Rs.	Tons.	Value.	Up.	Down.	Total.	Rs.	Tons.	Value.
<i>Boat Traffic.</i>												
Cotton, raw and manufactured	5	8	13	Rs. 7,813	13	Rs. 7,813	2	2	4	Rs.	2,043	..
Woolen goods	..	..	..	..	..	..	1	..	1	..	4,080	..
Dyes and tans	..	..	..	..	..	..	..	..	..	..	..	..
Rice and paddy	14	..	14	1,890	..	1,890	793	12,698	13,491	29,13,871	..	..
Other food-grains	88	..	88	17,236	..	17,236	357	641	998	1,98,727	..	..
Hides and skins	..	..	..	..	..	..	..	11	11	10,791	..	..
Liquors	..	..	..	..	..	..	..	..	..	..	..	..
Metals	..	..	..	..	..	..	..	..	..	..	..	..
Oils	..	..	..	..	..	..	..	..	..	..	..	..
Oil-seeds	80	4	84	1,900	4	1,900	18	8	26	14,698	..	..
Onions	..	11	11	26,186	91	25,185	70	..	70	51,800	..	..
Provisions	..	..	..	..	..	..	..	22	22	6,072	..	..
Salt	..	..	..	..	..	..	..	..	..	..	..	..
Spices	..	..	..	..	..	..	..	..	..	..	..	..
Sugar and jaggery	..	..	..	..	..	..	..	..	..	..	..	..
Tobacco	..	..	..	..	..	..	..	..	..	..	..	..
Building materials	650	674	1,324	414	..	414	1,687	48,725	50,412	3,56,264	..	..
Miscellaneous goods	15	20	35	1,636	..	1,636	560	2,081	2,641	1,24,584	..	..
Timber	..	2	2	370	..	370	..	106	106	85,565	..	..
Firewood	600	..	600	8,400	550	7,700	6,889	83,995	90,884	12,93,395	..	..
Bamboos	..	..	..	..	..	..	..	..	..	..	..	..
Coal and coke	..	..	..	..	..	..	..	..	..	..	..	..
Casuarina posts	..	..	..	..	..	..	..	..	..	..	..	..
Jute	..	..	..	..	..	..	..	..	..	..	..	..
Indigo seeds	..	..	..	..	..	..	..	..	..	..	..	..
Skins	..	..	..	..	..	..	..	..	..	..	..	..
Treasure	..	..	..	..	..	..	..	..	..	..	..	..
Cloth	..	..	..	..	..	..	..	..	..	..	..	..
Kerosene-oil	..	..	..	..	..	..	..	..	..	..	..	..
Turneric	..	..	..	..	..	..	..	..	..	..	..	..
Cotton seeds	..	..	..	..	..	..	..	..	..	..	..	..
Other grains	..	..	..	..	..	..	..	..	..	..	..	..
Iron bars	..	..	..	..	..	..	..	..	..	..	..	..
Groundnuts	..	..	..	..	..	..	..	..	..	..	..	..
<b>Total, Boat Traffic</b>	<b>1,522</b>	<b>789</b>	<b>2,311</b>	<b>89,744</b>	<b>937</b>	<b>88,650</b>	<b>17,745</b>	<b>1,56,203</b>	<b>1,73,948</b>	<b>89,62,644</b>	<b>..</b>	<b>..</b>
<i>Raft Traffic.</i>												
Timber in logs	..	..	..	..	..	..	..	..	..	..	..	..
Squared timber	..	..	..	..	..	..	..	..	..	..	..	..
Sleepers, broad gauge	..	..	..	..	..	..	..	..	..	..	..	..
Do., metre gauge	..	..	..	..	..	..	..	..	..	..	..	..
Do., things	..	..	..	..	..	..	..	..	..	..	..	..
Poles	..	..	..	..	..	..	..	..	..	..	..	..
Firewood	..	..	..	..	..	..	..	..	..	..	..	..
Bamboos	..	..	..	..	..	..	..	..	..	..	..	..
<b>Total, Raft Traffic</b>	<b>..</b>	<b>..</b>	<b>..</b>	<b>..</b>	<b>..</b>	<b>..</b>	<b>..</b>	<b>..</b>	<b>..</b>	<b>..</b>	<b>..</b>	<b>..</b>
<b>Grand Total</b>	<b>1,522</b>	<b>789</b>	<b>2,311</b>	<b>89,744</b>	<b>937</b>	<b>88,650</b>	<b>17,745</b>	<b>1,56,827</b>	<b>1,74,072</b>	<b>89,78,676</b>	<b>..</b>	<b>..</b>





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 1922-1923—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.				Flow.	Lift.	ACS.	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	
<i>Unproductive—cont.</i>																		
Hajipuram tank .. .. .	750	4	121	..	875	..	16-04	..	..	..	..	..	..	..	..	..	..	
Bhavanasi tank .. .. .	280	1	117	..	408	..	4-21	..	..	..	..	..	..	..	..	..	..	
Mopad project .. .. .	1,694	1	518	5	2,218	..	30-85	..	..	..	..	..	..	..	..	..	..	
Venkatapuram tank project .. .. .	10	..	..	..	10	..	..	..	..	..	..	..	..	..	..	..	..	
Yelatur tank .. .. .	887	..	16	..	903	..	1-80	..	..	..	..	..	..	..	..	..	..	
Koohuru tank .. .. .	186	2	43	..	181	18	31-15	..	..	..	..	..	..	..	..	..	..	
Siddhapur tank .. .. .	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	
Nagaravan anicut and supply channel.	608	..	188	..	796	..	30-92	..	..	..	..	..	..	..	..	..	..	
Panjanathi reservoir project .. .. .	539	5	82	..	626	5	15-07	..	..	..	..	..	..	..	..	..	..	
Ponnalur tank .. .. .	737	1	178	..	916	..	24-14	..	..	..	..	..	..	..	..	..	..	
Anamasamudram tank .. .. .	870	13½	25	..	1,099	..	2-49	..	..	..	..	..	..	..	..	..	..	
Yerur tank .. .. .	849	1	..	..	860	..	..	..	..	..	..	..	..	..	..	..	..	
Saglera system .. .. .	3,942	56	322	16	4,336	81	8-45	..	..	..	..	..	..	..	..	..	..	
Cumbum tank .. .. .	5,444	208	8,758	12	9,417	121	66-76	..	..	..	..	..	..	..	..	..	..	
Markapur tank .. .. .	1,376	27	176	1	1,580	..	12-61	..	..	..	..	..	..	..	..	..	..	
Madras water-supply and irrigation system.	7,059	425	3,834	126	11,544	237	52-21	..	..	..	..	..	..	..	..	..	..	
Pelandurai anicut system .. .. .	12,651	172	322	7	13,152	167	2-56	..	..	..	..	..	..	..	..	..	..	

Godavari delta .. .. . First crop. Second crop.  
 Krishna delta and Divi Pumping system .. .. . 1st June to 30th Nov. 1st Jan. to 30th April.  
 Pennar river canals .. .. . Do. Do.  
 Kurnool-Caddapah canal .. .. . 1st July to 31st Dec. 1st Jan. to 31st March.  
 .. .. . 1st June to 30th Nov. 1st Dec. to 31st March.

The above information regarding the periods is only very roughly approximate, for there is not any well-marked division between the first and second crops which in many places actually overlap, some of the so-called second crop being planted, while some of the so-called first crop is still on the ground and taking water.

In the case of the Godavari and Krishna deltas the period of irrigation of first crop has been taken to be 183 days though it varied in each delta as below during the year :—  
 Godavari delta, Eastern Section .. .. . 6th June to 30th November.  
 Do. Central .. .. . 2nd June to 30th November.  
 Do. Western .. .. . 1st June to 30th November.

The areas entered in column 7 both seasons are for lands bearing such crops as betel and sugarcane which require irrigation for the greater part of the year. This is included in the areas of first and second crops.

F-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 1922-23.

Name of canal.	Average discharge of the year at canal head in cubic feet per second.		Water-rate assessed, 1922-23.				Gross assessed revenue from all sources.	Working expenses, direct and indirect.	Area charged as irrigated during year 1922-23, first and second crops.	Working expenses.			Occupiers' rate.		Total water-rate, direct and indirect.		
	2	1	Owners.	4	5	6				7	8	9	10	11	12	13	14
<b>Productive.</b>																	
Ganjam minor rivers system	..	..	..	..	1,59,055	7,324	1,66,379	1,66,464	71,563	18.88	.43	..	..	..	..	2.32	..
Godavari delta system	..	..	..	..	38,87,310	1,92,149	40,79,459	42,65,451	939,048	24.18	1.07	..	..	..	..	4.25	..
Kistna do.	..	..	..	..	36,75,783	1,85,148	37,60,931	39,50,302	759,521	17.39	.89	..	..	..	..	4.95	..
Divi pumping system	..	..	..	..	1,98,960	83,602	2,82,562	2,85,872	87,756	81.09	5.99	..	..	..	..	6.77	..
Pennar river canal system	..	..	..	..	8,06,719	60,219	8,66,938	8,70,857	174,870	22.45	1.11	..	..	..	..	4.95	..
Arankota channel..	..	..	..	..	36,754	410	37,164	37,724	5,002	27.90	2.10	..	..	..	..	7.43	..
Thadapalli do. ..	..	..	..	..	1,36,894	2,900	1,39,794	1,41,204	17,111	17.84	1.46	..	..	..	..	8.16	..
Kalingarayan do. ..	..	..	..	..	1,28,997	483	1,29,480	1,31,753	22,097	10.15	.60	..	..	..	..	5.85	..
Palar ancient system	..	..	..	..	3,66,199	16,815	3,73,014	3,73,767	1,10,122	18.54	.62	..	..	..	..	3.88	..
Chembambakkam tank	..	..	..	..	56,323	908	57,231	57,408	16,827	19.67	.67	..	..	..	..	3.84	..
Vellar ancient system	..	..	..	..	7,330	1,074	8,404	8,633	5,341	182.25	2.92	..	..	..	..	1.47	..
Pooney do.	..	..	..	..	1,08,696	5,461	1,14,157	1,14,294	25,299	19.67	.79	..	..	..	..	4.88	..
Cheyyar do.	..	..	..	..	1,18,294	3,562	1,18,666	1,17,678	36,367	40.20	1.30	..	..	..	..	3.20	..
Tiruktoylar ancient system	..	..	..	..	1,32,187	3,362	1,35,549	1,36,999	32,515	26.11	1.05	..	..	..	..	4.16	..
Shatitope do.	..	..	..	..	1,46,576	15,209	1,72,085	1,63,120	59,060	27.90	1.16	..	..	..	..	4.41	..
Mehamattur ancient system	..	..	..	..	26,706	51	26,757	26,104	5,225	22.71	1.13	..	..	..	..	4.81	..
Vridhachalam do.	..	..	..	..	38,510	294	38,804	39,057	9,099	16.01	.68	..	..	..	..	4.26	..
Lower Coleroon do.	..	..	..	..	5,02,587	51,510	5,54,097	5,59,902	116,855	28.17	1.35	..	..	..	..	4.76	..
Cauvery delta system	..	..	..	..	43,40,863	1,18,072	44,58,935	43,76,828	986,859	16.53	.50	..	..	..	..	4.61	..
Nandiyar channel system	..	..	..	..	22,971	64	23,035	23,433	9,318	19.93	.50	..	..	..	..	2.47	..
Periyar system ..	..	..	..	..	9,66,594	59,550	10,19,174	10,87,667	171,840	27.69	1.63	..	..	..	..	5.72	..
Sriwalkuntam ancient system	..	..	..	..	2,55,179	1,490	2,56,669	2,45,056	44,687	40.87	2.24	..	..	..	..	5.99	..
Marudur ancient system	..	..	..	..	2,14,175	270	2,14,445	2,17,791	32,883	9.86	.65	..	..	..	..	6.53	..
<b>Unproductive.</b>																	
Rushikulya system	..	..	..	..	2,53,316	4,572	2,57,888	2,60,514	108,986	35.32	.84	..	..	..	..	2.86	..
Nagavalli river system	..	..	..	..	1,02,751	13,189	1,15,940	1,16,362	25,686	24.88	1.12	..	..	..	..	4.61	..
Kurnool-Cuddapah canal	..	..	..	..	3,63,472	1,960	3,65,432	3,78,951	96,215	47.32	1.86	..	..	..	..	3.79	..
Barur tank	..	..	..	..	21,941	471	22,412	23,907	4,829	20.41	1.00	..	..	..	..	4.64	..
Muniyuru system ..	..	..	..	..	24,486	60	24,546	25,846	6,172	48.74	2.00	..	..	..	..	3.96	..
Peddabaidu tank	..	..	..	..	544	..	544	2,846	137	15.66	3.30	..	..	..	..	3.97	..

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 1922-23—cont.

1 Name of canal.	2 Average discharge of the year at canal head in cubic feet per second.	3 Water-rate assessed, 1922-23.				7 Total of direct and indirect.	8 Gross assessed revenue from all sources.	9 Working expenses, direct and indirect.	10 Area charged as irrigated during the year 1922-23, first and second crops.	11 Working expenses.			12 Occupiers' rate.		13 Total water-rate, direct and indirect.	
		4 Occupiers.	5 Total, direct.	6 Indirect.	Per cent on gross revenue.					Per acre irrigated.	Per cubic foot per second of canal head.	Per acre irrigated.	Per cubic foot per second of canal head.	Per acre irrigated.	Per cubic foot per second of canal head.	
<i>Unproductive—cont.</i>																
Jangamshewarapuram tank	..	1,722	..	..	1,722	819	760	760	47.56	1.07	..	..	..	2.26	..	..
Atmakur tank	..	79	..	..	79	2,043	742	2,685.07	2.75	2.75	..	..	..	.10	..	..
Bhavanasi tank	..	2,062	..	..	2,062	6,655	408	274.74	13.86	13.86	..	..	..	6.05	..	..
Mopad project	..	11,238	..	3,274	14,512	4,213	2,218	27.42	1.89	1.89	..	..	..	6.58	..	..
Venkaapuram	..	8	..	..	8	650	10	65.00	..	..	..	..	..	..	..	..
Yellannur tank	..	3,299	..	464	3,763	220	903	5.96	.24	.24	..	..	..	4.10	..	..
Koheruvu tank	..	671	..	..	671	818	181	121.90	4.40	4.40	..	..	..	3.70	..	..
Siddapur tank	..	..	..	..	..	1,257	..	..	..	..	..	..	..	..	..	..
Nagaravan anicut and supply channel.	..	3,206	..	..	3,206	47	798	..	1.46	.05	..	..	..	4.15	..	..
Panjapatti reservoir project	..	2,333	..	381	2,714	116	628	4.27	.18	.18	..	..	..	4.33	..	..
Dondapad tank	..	497	..	8	505	64	151	12.80	.42	.42	..	..	..	3.31	..	..
Hajipuram tank	..	3,470	..	15	3,485	480	875	11.08	.49	.49	..	..	..	3.98	..	..
Ponnalur tank	..	4,675	..	..	4,675	4,225	916	90.37	4.61	4.61	..	..	..	5.10	..	..
Anamasamudram-Berapur tank	..	4,072	..	1	4,073	24	1,029	..	.58	.02	..	..	..	3.95	..	..
Yerur tank	..	1,734	..	64	1,798	69	850	3.89	.08	.08	..	..	..	2.11	..	..
Sagieru system	..	12,822	..	4	12,826	6,076	4,336	39.48	1.17	1.17	..	..	..	2.95	..	..
Cumbum tank	..	37,581	..	461	38,042	3,702	9,417	9.70	.89	.89	..	..	..	4.03	..	..
Marakapur tank	..	4,865	..	1	4,866	2,611	1,580	53.32	1.65	1.65	..	..	..	3.07	..	..
Madras water-supply and irrigation system.	..	29,397	..	462	29,859	32,327	11,544	60.21	2.81	2.81	..	..	..	2.58	..	..
Pelandorai anicut system	..	56,677	..	76	56,753	16,541	13,152	28.76	1.25	1.25	..	..	..	4.31	..	..

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APPENDIX I.

E-III.—Statement showing the area actually irrigated by flow and lift under productive and unproductive works and the value of crops raised thereon for fasli 1332 (1922-23).

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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>						
Ganjām .. ..	Ganjām minor rivers system.	ACS. 60,774	ACS. 2,563	ACS. 5,009	ACS. 1,991	ACS. 70,337	ACS. 61
Gōdāvari .. ..	Gōdāvari delta system ..	348,216	3,123	53,433	2,105	406,877	11,187
Kistna .. ..	Do.	392,043	9,334	128,068	3,241	532,686	4,601
	Total ..	740,259	12,457	181,501	5,346	939,563	15,788
Kistna .. ..	Kistna delta system ..	425,632	6,087	1,591	99	433,409	1,145
Guntūr .. ..	Do.	309,094	3,974	1,773	45	314,886	3,171
	Total ..	734,726	10,061	3,364	144	748,295	4,316
Kistna .. ..	Divi pumping system ..	37,412	126	..	1	37,539	2
Nellore .. ..	Pennēr river canals system.	147,267	3,479	17,039	500	168,285	367
Coimbatore ..	Arakkankottai channel ..	4,393	128	435	19	4,975	21
Do. .. ..	Tadapalli channel ..	14,220	275	1,808	136	16,439	716
Do. .. ..	Kalingarayan channel ..	9,800	2,071	8,676	1,457	22,004	2,683
North Arcot ..	Palar anicut system ..	51,449	2,662	18,538	572	73,221	586
Chingleput ..	Do.	20,045	363	9,939	135	30,482	1,175
	Total ..	71,494	3,025	28,477	707	103,703	1,741
Chingleput ..	Chembrambakkam tank ..	12,414	261	3,380	135	16,190	891
Do. .. ..	Vallur anicut system ..	3,825	499	84	18	4,426	59
North Arcot ..	Poincy anicut system ..	19,564	685	4,682	81	25,013	127
Chittoor .. ..	Do.	1,397	48	431	5	1,881	14
	Total ..	20,961	734	5,113	86	26,894	141
North Arcot ..	Cheyyar anicut system ..	19,739	604	13,880	203	34,426	132
Chingleput ..	Do.	448	1	356	..	805	..
	Total ..	20,187	605	14,236	203	35,231	132
South Arcot ..	Tirukkōyilūr anicut system.	24,877	1,255	5,303	139	31,574	262
Do. .. ..	Shatiatope anicut system.	29,868	609	6,803	131	37,406	23
Do. .. ..	Mehamattur anicut system.	4,482	250	406	1	5,139	175
Do. .. ..	Vriddhachalam anicut system.	8,045	75	679	5	8,804	79
Do. .. ..	Lower Coleroon anicut system.	83,095	750	5,898	144	89,887	393
Tanjore .. ..	Do.	22,202	745	844	207	23,998	152
	Total ..	105,297	1,495	6,742	351	113,835	545
Tanjore .. ..	Cauvery delta system ..	789,805	26,084	69,000	2,635	887,524	14,117
Trichinopoly ..	Do.	43,030	2,462	18,630	1,496	65,618	2,408
	Total ..	832,835	28,546	87,630	4,131	953,142	16,525
Trichinopoly ..	Nandiyar channel system.	5,784	690	2,365	345	9,185	535
Madura .. ..	Periyār system .. ..	127,419	279	46,420	621	174,739	2,349
Tinnevelly ..	Srivaikuntam anicut system.	22,849	770	18,530	585	42,734	548
Do. .. ..	Marudur anicut system ..	16,818	328	15,165	101	32,412	875
	Total of Productive Works.	3,056,001	70,581	459,166	17,153	3,602,901	48,854
	(ii) <i>Unproductive Works.</i>						
Ganjām .. ..	Rushikalya system ..	105,219	1,094	781	360	107,454	262
Vizagapatam ..	Nagavalli river project ..	23,038	186	1,068	42	24,334	126
Kistna .. ..	Muniyēru project ..	6,035	134	2	..	6,171	..
Do. .. ..	Peḍḍanayudu tank of Chinnaraopalem	136	1	..	..	137	..

and unproductive works and the value of crops raised thereon for fasli 1332 (1922-23).

## 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.
63,581	38,39,871	4,062	1,42,627	2,694	38,096	70,337	40,20,594
368,491	4,45,90,205	369	18,970	37,764	52,27,731	406,624	4,98,36,906
501,952	4,36,63,376	616	36,008	29,437	22,81,493	532,005	4,59,80,877
870,443	8,82,53,581	955	54,978	67,201	75,09,224	938,629	9,58,17,783
426,922	4,22,33,453	585	25,128	5,838	4,62,818	433,345	4,27,21,399
309,744	3,25,55,462	595	37,813	4,448	13,81,753	314,787	3,39,75,028
736,666	7,47,88,915	1,180	62,941	10,286	18,44,571	748,132	7,66,96,427
37,353	32,40,964	35	2,882	95	1,685	37,483	32,45,531
155,334	1,33,20,572	7,889	5,64,864	4,874	4,14,149	168,097	1,42,99,585
4,856	6,74,178	9	865	110	19,481	4,975	6,94,524
15,081	19,27,121	34	5,300	1,294	3,90,042	16,433	23,22,463
18,728	24,59,366	1,304	1,56,841	3,971	8,70,617	22,003	34,86,824
64,144	64,93,010	6,629	6,06,486	2,383	1,70,718	73,156	72,70,214
28,169	24,76,671	1,991	1,46,528	313	6,792	30,473	26,29,991
92,313	89,69,681	8,620	7,53,014	2,696	1,77,510	103,629	99,00,205
13,731	13,98,081	1,089	76,642	1,370	4,66,140	16,190	19,40,863
3,916	4,45,925	314	28,088	196	41,640	4,426	5,16,653
20,480	21,52,439	2,903	2,53,076	1,630	36,908	25,013	24,42,423
1,418	1,57,197	316	36,097	147	2,211	1,881	1,95,505
21,898	23,09,636	3,219	2,89,173	1,777	39,119	26,894	26,37,928
31,128	31,81,614	2,662	2,58,403	636	43,282	34,426	34,83,299
757	62,314	44	3,006	4	24	805	65,344
31,885	32,43,928	2,706	2,61,409	640	43,306	35,231	35,48,643
26,134	25,87,272	3,351	2,77,144	2,082	1,24,885	31,567	29,89,301
34,719	32,96,177	1,429	1,22,971	1,258	52,428	37,406	34,71,576
4,770	5,39,632	117	10,548	252	10,338	5,139	5,60,518
8,016	7,86,052	287	22,925	501	36,998	8,304	8,45,975
88,442	96,11,755	426	37,315	1,018	1,54,522	89,886	98,03,592
23,151	22,33,848	253	20,318	594	1,03,525	23,998	23,57,691
111,593	1,18,45,603	679	57,633	1,612	2,58,047	113,884	1,21,61,283
851,122	7,85,18,835	9,464	7,81,531	26,392	57,86,564	886,979	8,50,84,930
59,627	72,82,623	1,945	1,68,057	4,051	3,08,840	65,618	77,59,526
910,750	8,57,99,464	11,404	9,49,588	30,443	60,95,404	9,52,597	9,28,44,456
6,650	7,53,855	1,230	89,072	1,305	85,250	9,185	9,28,177
164,287	1,95,41,421	5,004	3,72,388	5,387	7,60,670	174,678	2,06,74,479
38,599	35,93,996	252	15,726	1,837	5,05,599	40,688	41,16,321
30,148	30,59,006	171	12,104	1,879	8,65,327	32,198	39,36,437
3,399,451	33,66,74,297	55,400	43,29,723	143,760	2,06,50,526	3,598,611	36,16,54,516
106,077	48,37,317	494	11,441	888	1,70,765	107,454	50,19,523
22,844	14,10,503	152	5,876	1,336	34,591	24,334	14,50,975
6,026	5,72,159	3	99	142	4,541	6,171	5,76,899
136	8,677		..	1	100	137	8,777

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) <i>Unproductive works—cont.</i>	ACS.	ACS.	ACS.	ACS.	ACS.	ACS.
Guntur	.. Jangamaheswarapuram tank.	448	1	..	..	449	..
Do.	.. Atmakur tank .. ..	..	..	..	..	..	..
Do.	.. Dondapad tank .. ..	150	1	..	..	151	..
Do.	.. Bhavanasi tank .. ..	279	11	117	..	407	..
Nellore	.. Mopad Reservoir project.	1,694	1	518	5	2,218	..
Do.	.. Hajipuram tank .. ..	673	4	121	..	798	..
Do.	.. Ponnalur tank .. ..	656	1	178	..	835	..
Do.	.. Anamasamudram Bira- peru tank.	811	134	25	..	970	..
Do.	.. Yerur tank .. ..	691	1	..	..	692	..
Cuddapah	.. Sagileru system .. ..	3,809	56	322	16	4,203	81
Do.	.. Chepad channel .. ..	7,129	22	641	..	7,792	1,663
Do.	.. Nagavaram anicut and supply channel.	589	..	188	..	777	16
Kurnool	.. Cumbum tank .. ..	5,365	203	3,758	12	9,338	121
Do.	.. Markapur tank .. ..	1,343	27	176	1	1,547	..
Do.	.. Kocheruvu tank .. ..	94	2	43	..	139	18
Do.	.. Siddapur tank .. ..	..	..	..	..	..	..
Do.	.. Venkatapuram tank .. ..	3	..	..	..	3	..
Do.	.. Kurnool-Cuddapah canal	47,270	896	6,555	584	55,305	473
Cuddapah	.. Do.	28,102	415	3,623	58	32,198	599
	Total ..	75,372	1,311	10,178	642	87,503	1,072
Anantapur	.. Yellanur tank .. ..	687	..	16	..	703	..
Salem	.. Barur tank .. ..	3,185	31	1,233	9	4,458	387
Chingleput	.. Madras water-supply and irrigation system.	6,614	425	3,834	126	10,999	237
South Arcot	.. Polandorai anicut system.	12,268	172	320	7	12,767	167
Trichinopoly	.. Panjapatti Reservoir project.	539	5	82	..	626	5
	Total of Unproductive works.	256,827	3,823	23,601	1,220	285,471	4,175
	Grand total of Productive and Unproductive works.	3,312,828	74,404	482,767	10,373	3,888,372	53,029

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

and unproductive works and the value of crops raised thereon for fasli 1332 (1922-23)—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.
286	27,317	4	324	159	792	449	28,433
..	..	..	..	..	..	..	..
12	1,537	129	17,659	10	30	151	19,226
138	3,998	157	15,518	102	2,000	397	21,516
784	58,404	1,198	60,605	236	5,590	2,218	1,30,599
231	23,218	109	7,553	458	12,577	798	43,348
443	50,189	164	14,016	228	9,120	835	73,325
766	63,599	193	15,829	11	550	970	79,978
680	56,114	1	134	11	170	692	56,418
1,801	83,776	1,370	72,865	914	31,478	4,085	1,88,119
5,811	6,17,830	653	40,670	1,328	21,812	7,792	6,80,312
475	58,981	60	5,587	242	3,520	777	68,088
6,104	5,48,888	2,266	1,53,981	937	35,699	9,307	7,38,563
711	73,483	717	49,365	119	2,965	1,547	1,25,813
5	522	..	..	134	6,570	139	7,092
..	..	..	..	..	..	..	..
..	..	3	96	..	..	3	96
23,770	25,41,083	107	7,083	31,428	10,97,307	55,305	36,45,473
18,217	19,32,966	4,959	3,68,077	9,019	3,04,503	32,195	26,05,546
41,987	44,74,049	5,066	3,75,160	40,447	14,01,810	87,500	62,51,019
56	3,042	92	4,401	555	12,000	703	19,443
2,686	2,26,650	358	24,721	1,410	92,121	4,454	3,43,492
10,008	10,47,731	483	36,557	495	93,206	10,987	11,77,494
11,952	12,84,641	298	26,129	517	90,024	12,767	14,00,794
580	69,699	4	115	42	4,453	626	74,267
220,599	1,56,02,324	13,974	9,44,701	50,720	20,36,584	285,293	1,85,83,609
3,620,050	35,22,76,621	69,374	52,74,424	194,480	2,26,87,110	3,883,904	38,02,38,155

is included under first and second crops.  
under 'withered crops' and exclude 'waste charged'.  
crops = 4,468 acres.

vide B.P. No. 84, dated 20th November 1923.

## 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 ..	3,094,910	1,986,986	1,730,781	1	Ganjam minor rivers system.	64,000	59,000
				2	Rushikulya system ..	142,000	106,000
				3	Minor works .. ..	125,775	125,775
					Total ..	331,775	290,775
Vizagapatam. Agency division	2,923,546 12,698,659	1,866,792 4,703,077	1,628,063 1,655,375	1	Nagavalli river project ..	31,200	26,000
				2	Minor works .. ..	89,421	89,421
					Total ..	120,621	115,421
Godavari ..	1,608,441	1,173,035	1,017,054	1	Godavari delta system ..	395,253	355,329
				2	Minor works .. ..	79,083	79,083
					Total ..	475,336	435,412
Kistna ..	3,594,540	2,875,538	2,061,920	1	Kistna delta system ..	543,000	431,000
				2	Godavari delta system ..	555,000	434,000
				3	Divi pumping system ..	80,000	40,000
				4	Muniyeru project ..	13,024	10,000
				5	Peddabayudu tank of Chennaraopalem.	726	210
				6	Minor works .. ..	49,716	49,716
	Total ..	1,251,466	964,926				
Guntur ..	3,682,423	2,797,656	2,396,732	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 .. ..	25,727	25,727
	Total ..	390,175	335,618				
Kurnool* ..	4,816,132	2,940,830	2,055,834	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 .. ..	44,328	44,328
	Total ..	377,423	156,797				
Bellary* ..	3,649,424	3,010,704	2,266,554	..	Minor works .. ..	55,387	55,387
Anantapur ..	4,281,877	3,289,322	1,681,266	1	Yellanur tank .. ..	1,541	1,442
				2	Minor works .. ..	152,189	152,189
					Total ..	153,830	153,631
Cuddapah ..	3,724,695	1,985,044	1,103,181	1	Kurnool-Cuddapah canal including Chepad channel.	37,700	19,676
				2	Sagileru system .. ..	26,576	4,664
				3	Nagavaram anicut and supply channel.	894	894
				4	Minor works .. ..	105,030	105,030
	Total ..	170,200	130,264				
Nellore ..	5,103,053	2,989,187	1,353,125	1	Pennar river canals system.	190,000	147,274
				2	Mopad project .. ..	12,500	12,500
				3	Ponnalur 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 .. ..	137,482	137,482
	Total ..	347,091	301,060				
Chingleput ..	1,963,711	1,141,504	1,006,014	1	Palar anicut system ..	24,102	24,102
				2	Chembrambakkam tank ..	24,478	18,000
				3	Vallur anicut system ..	6,794	6,216
				4	Cheyyar anicut system ..	540	494
				5	Madras water-supply and irrigation system.	10,165	9,852
				6	Minor works .. ..	558,996	558,996
	Total ..	425,075	416,650				

\* Excluding Feudatory States.

Madras Presidency for the revenue year ending 30th June 1923.

Area irrigated in acres.						Rainfall in inches.	
Revenue year ending 30th June 1922.			Revenue year ending 30th June 1923.			1921-22.	1922-23.
Kharif, I Crop.	Rabi, II Crop.	Total.	Kharif, I Crop.	Rabi, II Crop.	Total.		
(9)	(10)	(11)	(12)	(13)	(14)	(15)	(16)
64,046	7,423	71,469	63,337	7,000	70,337	39.72	40.08
106,940	1,294	108,234	106,313	1,141	107,454		
120,123	9,139	129,262	120,814	5,359	126,164		
291,109	17,856	308,965	290,464	13,491	303,955	37.36	36.72
23,074	1,407	24,481	23,224	1,110	24,334		
83,941	11,460	95,401	69,045	7,704	76,750		
107,015	12,867	119,882	92,270	8,814	101,084	38.68	34.29
346,363	63,323	409,686	351,339	55,538	406,877		
71,826	5,799	77,625	51,254	2,659	53,913		
418,189	69,122	487,311	402,593	58,197	460,790	43.15	34.61
417,855	1,464	419,319	431,719	1,690	433,409		
383,996	158,331	544,347	401,377	131,309	532,686		
39,904	1	39,905	37,538	1	37,539	46.443	33.869
6,141	..	6,141	6,169	2	6,171		
133	..	133	137	..	137		
46,443	2,946	49,389	33,055	814	33,869	896,472	1,043,811
306,451	675	307,126	313,068	1,818	314,886		
443	173	615	290	117	407		
94	..	94	151	..	151	34.86	33.89
556	30	636	..	..	..		
287	1	288	449	..	449		
21,512	1,087	22,599	20,881	991	21,872	329,342	337,765
40,187	7,440	47,627	48,166	7,139	55,305		
154	3	157	3	..	3		
4,449	2,262	6,711	5,588	3,770	9,338	22.89	21.02
1,437	781	2,218	1,370	177	1,547		
235	..	235	..	..	..		
120	49	169	96	43	139	40,826	42,182
40,826	8,053	48,879	37,830	4,352	42,182		
87,408	18,588	105,996	93,033	15,481	108,514		
49,208	14,200	63,498	45,966	9,673	55,639	27.52	18.24
262	123	385	687	16	703		
133,960	39,892	173,852	114,301	27,770	142,071		
134,222	40,015	174,237	114,988	27,786	142,774	30.49	28.61
35,748	7,217	42,965	35,658	4,322	39,990		
4,328	2,581	6,809	3,865	338	4,203		
595	482	1,077	589	188	777	97,378	117,668
137,949	35,804	133,182	94,999	22,663	117,668		
137,949	46,084	184,033	135,121	27,517	162,638		
150,303	37,838	188,141	150,746	17,589	168,285	34.57	40.02
1,559	489	2,048	1,695	523	2,218		
652	187	839	657	178	835		
781	13	794	945	25	970	1,058	145,165
411	3	1,061	692	..	692		
124,717	9	450	577	121	798		
279,511	14,176	138,893	130,369	15,096	145,465	279,511	319,263
19,730	52,715	332,226	285,781	33,432	319,263		
12,225	2,824	22,554	20,408	10,074	30,482		
1,487	6,048	18,273	12,675	3,515	16,190	50.22	64.45
391	223	4,710	4,324	102	4,426		
6,775	111	502	449	355	805		
328,356	2,965	9,740	7,039	3,960	10,999	328,356	466,605
328,356	97,905	426,261	331,439	135,166	466,605		
371,964	110,076	482,040	376,334	163,173	529,507		

## 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)
South Arcot ..	2,693,098	1,837,714	1,619,398	1	Lower Coleroon anicut system.	86,000	84,244
				2	Shatiatope anicut system.	43,965	34,025
				3	Vriddhachalam anicut system.	16,359	8,829
				4	Mehamattūr anicut system.	10,651	4,555
				5	Tirukkōyilūr anicut system.	45,977	30,954
				6	Pelandorai anicut system.	16,677	12,837
				7	Minor works .. ..	307,171	307,171
				Total ..	526,800	482,615	
North Arcot ..	3,170,935	1,703,107	1,406,126	1	Palar anicut system ..	80,930	54,566
				2	Cheyyār do. ..	28,921	21,969
				3	Poincy do. ..	23,824	22,462
				4	Minor works .. ..	233,098	233,098
				Total ..	366,773	332,095	
Chittoor ..	3,590,316	1,791,671	756,961	1	Poincy anicut system ..	115,043	115,043
				2	Minor works .. ..	.. ..	.. ..
				Total ..	115,043	115,043	
Salem ..	4,423,917	2,542,632	1,832,768	1	Barūr tank .. ..	6,887	6,887
				2	Minor works .. ..	112,708	112,708
				Total ..	119,595	119,595	
Coimbatore ..	4,633,298	2,824,258	2,244,685	1	Tadapalli channel ..	16,000	15,000
				2	Arakkankōttai channel ..	6,000	4,750
				3	Kalingarāyan channel ..	15,000	12,000
				4	Minor works .. ..	69,402	69,402
				Total ..	106,402	101,152	
Trichinopoly.*	2,764,767	2,151,742	1,523,003	1	Cauvery delta system ..	44,667	44,008
				2	Nandiyār channel ..	9,480	6,620
				3	Panjapatty reservoir project.	900	300
				4	Minor works .. ..	159,011	159,011
				Total ..	214,058	209,939	
Tanjore ..	2,388,158	1,728,460	1,483,429	1	Cauvery delta system ..	864,367	856,918
				2	Lower Coleroon anicut system.	31,233	23,685
				3	Minor works .. ..	85,300	85,200
				Total ..	980,800	965,803	
Madura ..	3,157,877	2,102,398	1,481,966	1	Periyār system .. ..	Not known.	143,000
				2	Minor works .. ..	134,254	134,254
				Total ..	134,254	277,254	
Bamnad ..	2,144,086	1,788,016	1,502,598	..	Minor works .. ..	36,342	36,342
Tinnevely ..	2,767,405	1,905,021	1,434,936	1	Srivaikuntam anicut system.	33,500	23,014
				2	Marudūr anicut system ..	17,920	17,920
				3	Minor works .. ..	179,526	179,526
				Total ..	230,946	220,460	
Grand total ..	82,875,263	51,035,694	35,241,872	..	Total of productive and unproductive works.	4,274,503	3,561,360
				..	Total of minor works ..	2,654,880	2,654,889
				Total ..	6,929,392	6,216,249	

\* Excluding Feudatory States.

Prepared by the Board of Revenue—

## Madras Presidency for the revenue year ending 30th June 1923—cont.

Area irrigated in acres.						Rainfall in inches.	
Revenue year ending 30th June 1922.			Revenue year ending 30th June 1923.			1921-22	1922-23.
Kharif, I Crop.	Rabi, II Crop.	Total.	Kharif, I Crop.	Rabi, II Crop.	Total.		
(9)	(10)	(11)	(12)	(13)	(14)	(15)	(16)
83,296	5,335	88,631	83,845	6,042	89,887	39.33	64.41
30,096	6,648	36,744	30,472	6,934	37,406		
8,198	303	8,501	8,120	684	8,804		
4,541	442	4,983	4,732	407	5,139		
26,405	6,310	32,715	26,132	5,442	31,574		
12,335	517	12,852	12,410	327	12,737	39.15	42.29
277,273	68,081	345,354	289,579	104,198	393,777		
442,144	87,636	529,780	455,320	124,034	579,354		
48,040	13,825	61,865	54,111	19,110	73,221		
19,149	11,218	30,367	20,343	14,083	34,426		
18,556	4,496	23,052	20,250	4,763	25,013	31.35	39.06
202,323	64,720	267,043	214,025	91,147	305,172		
288,068	94,259	382,327	308,729	129,103	437,832		
1,441	456	1,897	1,446	456	1,881		
83,958	27,284	111,242	91,677	27,480	119,157		
85,399	27,740	113,139	93,122	27,916	121,038	36.18	40.61
3,282	1,260	4,542	3,216	1,242	4,458		
99,189	33,607	132,796	100,244	34,645	134,889		
102,471	34,867	137,338	103,460	35,887	139,347		
15,059	1,850	16,909	14,495	1,944	16,439		
4,506	530	5,036	4,521	454	4,975	30.76	33.73
11,966	9,766	21,732	11,871	10,133	22,004		
66,294	21,345	87,639	66,620	20,093	86,713		
97,825	33,491	131,316	97,507	32,624	130,131		
45,369	18,920	64,289	45,492	20,126	65,618		
6,501	2,395	8,897	6,474	2,711	9,185	31.57	41.85
497	308	805	544	82	626		
144,507	61,447	205,954	148,861	65,124	213,985		
196,874	83,071	279,945	201,371	83,043	284,414		
813,079	66,911	879,990	815,889	71,635	887,524		
23,001	827	23,828	22,947	1,051	23,998	40.28	58.55
67,554	4,281	71,835	68,592	9,938	78,530		
903,634	72,019	975,653	907,423	82,624	990,052		
127,460	45,573	173,033	127,698	47,041	174,739		
117,535	35,242	152,777	122,141	38,745	160,886		
244,995	80,815	325,810	249,839	85,786	335,625	36.24	47.78
34,041	10,893	44,934	34,506	13,474	47,980		
23,639	16,513	40,152	23,619	19,115	42,734		
17,091	14,065	31,156	17,146	15,266	32,412		
169,228	89,019	258,247	171,036	103,921	274,957		
209,958	119,597	329,555	211,801	138,302	350,103	28.26	45.82
3,327,606	534,309	3,861,915	3,387,232	501,140	3,888,372		
2,380,192	656,470	3,036,662	2,357,235	741,009	3,098,244		
5,707,798	1,190,779	6,898,577	5,744,467	1,242,149	6,986,616		
						34.60	39.31

F-I.—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 1923.

Description of crop.	Udavarai and Kistna ancients (except Government dry lands on which the differential water- rates are levied).			Divi pumping system.	Periyar system.	Bhavanasi tank.	Venkatapuram and Siddapur.	Moyad.	* Other systems (in tracts where the differential water- rate system does not prevail).										
	RS.	A.	P.							RS.	A.	P.	RS.	A.	P.	RS.	A.	P.	RS.
1. Single wet crop .. .. .	5	0	0	5	0	0	9	6	0	4	3	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	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
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 supplied 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	..	..	..	..	..	..	..	..	..	..	..	..	..
15. For sugarcane, betel and other garden produce in zamindari and inam lands remaining 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 remaining on the ground for the time of two crops, if the cultivator has compounded 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 irrigated.	..	..	..	..	..	3	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

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APPENDIX I.

Appendix A.—Statement showing the financial results of irrigation under productive and unproductive works for fasli 1332 (1922-23).

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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)
<b>A. IRRIGATION WORKS.</b>						
<i>(i) Productive Works.</i>						
	ACS.	ACS.	ACS.	ACS.	ACS.	ACS.
1. Ganjam minor rivers system ..	51,260	13,242	64,502	..	7,001	7,001
2. Godavari delta system .. ..	156,150	615,958	772,108	..	186,940	186,940
3. Krishna delta system .. ..	70,710	685,288	755,998	..	3,523	3,523
4. Divi pumping system .. ..	9,900	27,855	37,755	..	1	1
5. Penner river canals system ..	99,080	58,249	157,329	1,050	16,491	17,541
6. Arakkankottai channel .. ..	2,780	1,818	4,548	10	444	454
7. Tadapalli channel .. ..	9,990	5,177	15,167	170	1,774	1,944
8. Kalingarayan channel .. ..	8,300	3,664	11,964	8,350	1,783	10,133
9. Palar anicut system .. ..	53,890	26,619	80,509	16,070	13,543	29,613
10. Chembrambakkam tank .. ..	11,370	1,887	13,257	1,160	2,410	3,570
11. Vallur anicut system .. ..	4,030	1,176	5,206	10	125	135
12. Poiney anicut system .. ..	15,550	7,550	23,100	2,500	2,699	5,199
13. Cheyyar anicut system .. ..	14,960	6,958	21,918	1,630	12,809	14,439
14. Tirukkoyilur anicut system ..	16,080	10,993	27,073	30	5,412	5,442
15. Shatlatope anicut system ..	7,160	24,906	32,066	..	6,934	6,934
16. Mehamattur anicut system ..	990	3,328	4,818	..	407	407
17. Vriddhachalam anicut system ..	2,430	5,985	8,415	..	684	684
18. Lower Coleroon anicut system ..	44,760	64,502	109,262	170	6,923	7,093
19. Cauvery delta system .. ..	745,350	149,021	894,371	34,030	58,408	92,438
20. Nandiyar channel system .. ..	4,680	1,927	6,607	1,570	1,141	2,711
21. Periyar system .. ..	65,600	65,199	130,799	16,100	30,941	47,041
22. Srivaikantam anicut system ..	14,580	10,992	25,572	5,850	13,265	19,115
23. Marudur anicut system .. ..	17,020	547	17,567	590	14,676	15,266
Total of productive works ..	1,426,570	1,793,341	3,219,911	89,340	388,334	477,674
<i>(ii) Unproductive Works.</i>						
24. Rushikulya system .. ..	58,100	49,744	107,844	..	1,142	1,142
25. Nagavali river project .. ..	10,600	13,976	24,576	5,200	4,090	1,110
26. Muniyeru project .. ..	600	5,570	6,170	..	2	2
27. Peddanayudu tank of Chinnarapalem.	..	137	137	..	..	..
28. Jangamaheswarapuram tank ..	150	610	760	7	7	..
29. Atmakur tank .. ..	..	742	742	..	..	..
30. Dondapad tank .. ..	..	151	151	..	..	..
31. Bhavanasi tank .. ..	..	291	291	..	117	117
32. Mopad project .. ..	..	1,695	1,695	..	523	523
33. Hajipuram tank .. ..	..	754	754	..	121	121
34. Ponnalur tank .. ..	..	738	738	..	178	178
35. Anasamudram-Biraperu tank ..	900	104	1,004	80	55	25
36. Yerur tank .. ..	80	770	850	2	2	..
37. Sagileru system .. ..	3,900	98	3,998	700	362	338
38. Cumbum tank .. ..	4,850	797	5,647	2,670	1,100	3,770
39. Markapur tank .. ..	450	953	1,403	50	127	177
40. Yellanur tank .. ..	..	887	887	..	16	16
41. Kocheruvu tank .. ..	182	44	138	50	7	43
42. Siddapur tank .. ..	..	..	..	..	..	..
43. Nagavaram anicut and supply channel.	452	156	608	235	47	188
44. Venkatapuram tank .. ..	53	43	10	1	1	..
45. Kurnool-Cuddapah canal .. ..	6,643	70,843	77,486	..	10,820	10,820
45A. Chepad channel .. ..	1,406	5,862	7,268	56	585	641
46. Barur tank .. ..	1,330	2,257	3,587	430	812	1,242
47. Madras water-supply and irrigation system.	5,630	1,954	7,584	780	3,180	3,960
48. Pelandorai anicut system ..	2,120	10,703	12,823	100	229	329
49. Panjapatti reservoir project ..	..	544	544	..	82	82
Total of unproductive works ..	97,446	170,249	267,695	10,361	14,463	24,824
Grand total of productive and unproductive works.	1,524,016	1,963,590	3,487,606	99,701	402,797	502,498

Under productive and unproductive works for fasli 1332 (1922-23).

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 tankbed 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.
2,36,187	1,62,169	3,114	1,59,055	95,000	64,055	..	6,586	738	..	7,324	71,379
49,36,379	39,29,556	42,346	38,87,310	1,24,000	37,63,310	..	1,80,507	8,161	3,481	1,92,149	39,55,459
45,63,729	36,75,728	49,945	36,25,783	71,000	35,54,783	..	99,046	16,703	19,399	1,35,148	36,89,931
2,06,973	2,06,973	8,018	1,98,960	20,300	1,78,660	..	2,143	4,086	47,373	53,602	2,32,262
9,61,118	8,11,687	4,968	8,06,719	2,56,000	5,50,719	..	43,385	3,711	13,123	60,219	6,10,938
42,862	36,754	..	36,754	19,000	17,754	..	..	354	56	..	18,164
1,59,186	1,36,894	..	1,36,894	76,000	60,894	..	2,861	39	..	2,900	68,794
1,46,569	1,29,033	36	1,28,997	35,000	43,997	..	419	64	..	483	44,480
4,67,390	3,58,241	2,042	3,56,199	1,25,000	2,31,199	..	15,486	320	1,009	16,815	2,48,014
77,767	55,448	125	55,323	16,000	39,323	..	849	59	..	908	40,231
11,501	7,553	223	7,330	5,000	2,330	..	1,067	7	..	1,074	3,404
1,42,913	1,09,022	326	1,08,696	38,000	70,696	..	5,281	131	49	5,461	76,157
1,56,281	1,13,670	416	1,13,254	39,000	74,254	..	3,196	104	52	3,352	77,606
1,78,917	1,32,305	118	1,32,187	60,000	72,187	..	3,286	76	..	3,362	75,549
2,08,666	1,46,884	8	1,46,876	20,000	1,26,876	..	14,811	318	..	15,209	1,42,085
36,956	25,706	..	25,706	4,000	21,706	..	28	23	..	51	21,757
53,582	38,525	15	38,510	8,500	30,010	..	277	17	..	294	30,304
8,00,590	5,02,881	294	5,02,587	1,55,000	3,47,587	..	51,192	318	..	51,510	3,99,097
55,14,858	43,51,709	10,846	43,40,863	34,00,000	9,40,863	..	1,07,501	10,571	..	1,18,072	10,58,935
30,227	23,178	207	22,971	17,000	5,971	..	36	18	..	54	6,025
11,23,749	9,70,444	3,850	9,66,594	2,04,000	7,62,594	..	6,894	4,940	40,746	52,580	8,15,174
2,78,502	2,36,638	1,459	2,35,179	79,000	1,56,179	..	1,423	67	..	1,490	1,57,669
2,47,682	2,14,460	285	2,14,175	1,15,000	99,175	..	228	42	..	270	99,445
2,05,85,583	1,63,75,558	1,28,636	1,62,46,922	50,31,800	1,12,15,122	..	5,46,956	50,569	1,25,232	7,22,737	1,19,37,859
3,76,692	2,54,759	1,443	2,53,316	67,000	1,86,316	..	3,122	236	1,214	5,572	1,90,888
1,28,956	1,04,204	1,453	1,02,751	37,400	65,351	..	1	1,092	12,096	13,189	78,540
24,830	24,436	..	24,436	2,500	21,936	..	2	58	..	60	21,996
544	544	..	544	..	544	..	..	..	..	..	544
3,674	2,475	753	1,722	500	1,222	..	..	..	..	..	1,222
3,551	2,854	2,775	79	..	79	..	..	..	..	..	79
497	497	..	497	..	497	..	1	2	..	3	500
2,404	2,404	342	2,062	..	2,062	..	..	..	..	..	2,062
11,238	11,238	..	11,238	..	11,238	..	..	..	13,274	3,274	14,512
4,134	3,516	46	3,470	..	3,470	..	..	15	..	15	3,485
5,939	4,675	..	4,675	..	4,675	..	..	..	..	..	4,675
4,580	4,073	1	4,072	3,600	472	..	..	1	..	1	473
4,829	3,610	1,876	1,734	425	1,309	..	..	64	..	64	1,373
19,524	17,210	4,388	12,822	17,800	4,978	..	..	4	..	4	4,974
42,147	37,596	15	37,581	30,000	7,581	..	443	18	..	461	8,042
5,399	4,865	..	4,865	2,130	2,730	..	..	1	..	1	2,736
4,451	3,905	666	3,239	..	3,239	..	..	..	464	464	3,703
1,006	890	219	671	980	309	..	..	..	..	..	309
in fasli 1332.											
3,826	3,206	..	3,206	2,256	950	..	..	..	..	..	950
163	142	150	3	164	172	..	..	..	..	..	172
3,57,201	3,27,470	333	3,27,137	28,285	2,98,852	..	496	926	157	1,579	3,00,431
39,255	36,335	..	36,335	7,587	28,748	..	351	26	4	381	29,129
26,558	22,084	143	21,941	4,500	17,441	..	36	..	435	471	17,912
38,213	29,885	489	29,397	11,000	18,397	..	441	21	..	462	18,859
78,702	56,690	13	56,677	3,000	53,677	..	55	21	..	76	53,753
2,333	2,333	..	2,333	..	2,333	..	..	..	381	381	2,714
11,90,946	9,61,896	15,104	9,46,792	2,19,127	7,27,665	..	4,948	2,485	18,025	25,458	7,53,123
2,17,76,529	1,73,37,454	1,43,740	1,71,93,714	52,50,927	1,19,42,787	..	551,884	53,054	1,43,257	7,48,195	1,26,90,982

## APPENDIX II.

## Statement No. 1.

Systems.	Net receipts, direct and indirect.			Gross indirect receipts.		
	Actuals, 1921-22.	1922-1923.		Actuals, 1921-22.	1922-1923.	
		Revised estimates.	Actuals.		Revised estimates.	Actuals.
(I) PRODUCTIVE WORKS.	RS.	RS.	RS.	RS.	RS.	RS.
1. Ganjam minor rivers system ..	68,213	69,000	67,810	7,324	7,324	7,324
2. Godavari delta system .. ..	37,61,208	37,61,000	37,57,860	1,92,099	1,92,099	1,92,149
3. Kistna delta system .. ..	34,01,036	34,05,000	35,06,404	1,34,851	1,34,851	1,35,148
4. Divi pumping system .. ..	2,20,356	2,15,000	2,23,018	48,899	48,899	53,602
5. Penner river canals system ..	6,29,017	5,84,000	5,81,047	60,063	60,063	60,219
6. Arakkankottai channel .. ..	17,934	20,000	17,256	410	410	410
7. Tadapalli channel .. ..	60,463	61,000	60,604	2,900	2,900	2,900
8. Kalingarayan channel .. ..	40,311	57,000	42,256	483	483	483
9. Palar anicut system .. ..	1,53,703	1,57,000	2,35,664	16,733	16,733	16,815
10. Chembrambakkam tank .. ..	46,181	46,000	38,219	908	908	908
11. Vallur anicut system .. ..	3,568	4,000	3,234	1,074	1,074	1,074
12. Poiney anicut system .. ..	60,669	72,000	72,352	5,451	5,451	5,461
13. Cheyyar anicut system .. ..	66,321	68,000	73,728	3,352	3,352	3,352
14. Tirukkoyilur anicut system ..	72,548	96,000	71,772	3,362	3,362	3,362
15. Shatiatope anicut system ..	1,33,784	1,13,000	1,34,981	15,209	15,209	15,209
16. Mehamattur anicut system ..	16,490	16,000	20,669	51	51	51
17. Vriddhaachalam anicut system	26,199	26,000	28,789	294	294	294
18. Lower coleroon anicut system	3,79,012	3,79,000	3,79,142	51,510	51,510	51,510
19. Cauvery delta system .. ..	9,99,195	10,01,000	10,05,988	1,18,072	1,19,892	1,18,072
20. Nandiyar obannel system ..	5,526	6,000	5,724	54	54	54
21. Periyar system .. ..	7,61,768	7,77,000	7,76,453	52,445	55,796	52,580
22. Srivaikuntam anicut system ..	1,42,870	1,43,000	1,49,786	1,490	1,490	1,490
23. Marudur anicut system .. ..	90,905	90,000	94,473	270	270	270
(II) UNPRODUCTIVE WORKS.						
24. Rushikulya system .. ..	1,80,205	1,84,000	1,81,404	4,536	4,536	4,572
25. Nagavali river system .. ..	72,878	84,000	75,218	13,189	13,189	13,189
26. Muniyeru project .. ..	21,224	21,000	20,896	60	60	60
27. Peddanayudu tank of Chinnarao- palem.	501	1,000	517	..	..	..
28. Jangmaheswarapuram tank ..	979	1,000	1,161	..	..	..
29. Atmakur tank .. ..	2,193	2,000	75	..	..	..
30. Dondapad tank .. ..	356	..	475	3	3	3
31. Bhavanasi tank .. ..	4,730	5,000	1,959	..	..	..
32. Mopad project .. ..	12,643	13,000	13,950	2,298	2,298	3,274
33. Hajipuram tank .. ..	2,378	2,000	3,311	15	15	15
34. Ponnalur tank .. ..	4,469	4,000	4,441	..	..	..
35. Anamasamudram-Biraperu tank.	2,646	3,000	449	1	1	1
36. Yerur tank .. ..	2,036	2,000	1,304	64	64	64
37. Sagileru system .. ..	6,297	6,000	4,725	4	4	4
38. Cumbum tank .. ..	13,408	4,000	7,640	461	461	461
39. Markapur tank .. ..	4,525	2,000	2,599	1	1	1
40. Yellanur tank .. ..	2,882	3,000	3,541	124	124	464
41. Kocheruvu tank .. ..	204	..	294	..	..	..
42. Siddapur tank .. ..	870	1,000	..	..	..	..
43. Nagavaram anicut and supply channel.	1,853	2,000	902	..	..	..
44. Venkatapuram tank .. ..	640	1,000	163	..	..	..
45. Kurnool-Cuddapah canal ..	2,74,084	2,60,000	2,85,417	1,579	1,579	1,579
45A. Chepad obannel .. ..	27,204	26,000	27,673	381	381	381
46. Barur tank .. ..	16,614	13,000	17,038	471	471	471
47. Madras water-supply and irriga- tion system.	14,734	15,000	17,916	462	462	462
48. Pelandorai anicut system ..	49,549	50,000	51,065	76	76	76
49. Panjapatti reservoir project ..	2,470	2,000	2,597	..	..	381

APPENDIX II—cont.

Statement No. 2.

Statement showing the extent irrigated and the revenue derived under Minor Works for fasli 1332 (1922-1923).

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.		(7) Total.	(8) Total land and irrigation revenue.	(9) Share due to irrigation.	(10) Deduct remissions and deductions.	(11) Net revenue due to irrigation.	(12) Deduct portion due to old irrigation.	(13) Increase of revenue due to the out-lay incurred.	(14) Increase of land assessment due to irrigation.	(15) Land assessment of waste lands brought under irrigation.	(16) Land revenue of miscellaneous items.	(17) Interest on sale-proceeds of tank-led and other waste lands.	(18) Total.			
	(2) Old irrigation.	(3) New irrigation.	(4) Total.	(5) Old irrigation.														(6) New irrigation.	
Ganjam ..	..	..	ACS. 125,507	..	..	RS. 5,358	RS. 3,86,180	RS. 1,92,622	RS. 8,760	RS. 1,83,862	..	..	..	..	..	..	..	..	..
Vizagapatam ..	..	..	83,894	..	..	8,611	3,98,262	2,68,707	1,00,908	1,67,799	..	..	..	..	..	..	..	..	..
Godavari ..	..	..	75,378	..	..	2,659	2,79,693	1,94,992	69,800	1,25,192	..	..	..	..	..	..	..	..	..
Kistna ..	..	..	42,834	..	..	814	1,55,569	1,21,222	35,757	85,466	..	..	..	..	..	..	..	..	..
Guntur ..	..	..	24,830	..	..	991	1,41,831	1,05,467	11,316	94,151	..	..	..	..	..	..	..	..	..
Nellore ..	..	..	136,805	..	..	15,108	7,93,736	6,12,748	11,265	6,01,482	..	..	..	..	..	..	..	..	..
Cuddapah ..	..	..	102,246	..	..	22,805	4,74,005	4,02,454	46,567	3,55,787	..	..	..	..	..	..	..	..	..
Anantapur ..	..	..	134,169	..	..	27,810	6,03,975	5,14,601	1,76,618	3,37,983	..	..	..	..	..	..	..	..	..
Bellary ..	..	..	51,894	..	..	9,707	3,21,965	2,81,568	40,903	2,43,665	..	..	..	..	..	..	..	..	..
Kurnool ..	..	..	41,134	..	..	4,352	1,76,309	1,47,124	48,236	98,878	..	..	..	..	..	..	..	..	..
Chittoor ..	..	..	105,291	..	..	27,482	5,59,650	4,49,167	1,09,847	3,39,320	..	..	..	..	..	..	..	..	..
Chingleput ..	..	..	358,946	..	..	135,453	15,11,928	11,02,734	14,498	10,88,236	..	..	..	..	..	..	..	..	..
North Arcot ..	..	..	231,481	..	..	91,188	14,82,764	10,46,061	29,838	10,15,223	..	..	..	..	..	..	..	..	..
South Arcot ..	..	..	307,161	..	..	104,351	19,30,463	13,98,675	1,321	13,97,354	..	..	..	..	..	..	..	..	..
Tanjore ..	..	..	85,144	..	..	10,139	1,97,484	1,53,958	2,853	1,51,605	..	..	..	..	..	..	..	..	..
Trichinopoly ..	..	..	458,938	..	..	65,469	9,79,104	7,33,771	5,359	7,28,412	..	..	..	..	..	..	..	..	..
Madura ..	..	..	134,176	..	..	38,748	7,69,089	6,19,111	999	6,18,112	..	..	..	..	..	..	..	..	..
Ramanad ..	..	..	36,243	..	..	15,519	2,29,774	1,94,116	4,274	1,89,842	..	..	..	..	..	..	..	..	..
Tinnevely ..	..	..	179,074	..	..	109,057	15,02,323	12,76,758	11,356	12,65,402	..	..	..	..	..	..	..	..	..
Coimbatore ..	..	..	69,397	..	..	20,155	4,74,721	3,95,331	151	3,95,180	..	..	..	..	..	..	..	..	..
Salem ..	..	..	110,243	..	..	55,183	6,43,701	4,51,990	26,222	4,25,768	..	..	..	..	..	..	..	..	..
Total ..	..	..	2,594,444	..	..	750,954	1,38,52,523	1,06,66,177	7,56,459	99,09,718	..	..	..	..	..	..	..	..	..

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. 85, dated 20th November 1923.



**REVIEW ON THE ADMINISTRATIVE ACCOUNTS OF IRRIGATION, NAVIGATION, EMBANKMENT AND DRAINAGE WORKS FOR THE YEAR 1922-1923 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 sub-divided 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 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 classed as unproductive.

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 1920-1921 and at the average rate communicated annually by the Auditor-General on realisations after that date.

2. The following table summarizes the financial and irrigational results of irrigation, etc., works during the year 1922-1923 in comparison with those of the previous year 1921-1922.

(1)	Total capital outlay (direct and indirect) to end of		Gross receipts (direct and indirect) to end of		Working expenses (direct and indirect) to end of	
	1921-1922. (2)	1922-1923. (3)	1921-1922. (4)	1922-1923. (5)	1921-1922. (6)	1922-1923. (7)
	RS.	RS.	RS.	RS.	RS.	RS.
<b>A. Irrigation works—</b>						
1. Productive—In operation ..	6,69,07,617	6,74,14,720	1,20,75,167	1,23,43,752	33,80,019	34,23,046
"    Under construction.	22,66,916	24,33,771				
Total ..	6,91,74,533	6,98,48,491				
2. Unproductive—In operation ..	4,02,46,886	4,02,61,358	7,82,726	8,10,903	4,30,553	3,64,429
"    Under construction.	1,21,431	1,30,775				
Total ..	4,03,68,316	4,03,92,133				
<b>B. Navigation, etc., works—</b>						
2. Unproductive—In operation ..	93,47,251	93,47,251	81,329	75,637	2,59,888	21,81,116

(1)	Net revenue during		Percentage on capital outlay.		Area irrigated.	
	1921-1922. (8)	1922-1923. (9)	1921-1922. (10)	1922-1923 (11)	1921-1922. (12)	1922-1923. (13)
	RS.	RS.			ACS.	ACS.
<b>A. Irrigation works—</b>						
1. Productive—In operation ..	86,95,148	89,20,706	12.56	12.77	21,66,765	21,81,675
"    Under construction.						
2. Unproductive—In operation ..	3,52,173	4,46,474	0.87	1.11	1,82,301	1,84,712
"    Under construction.						
<b>B. Navigation, etc., works—</b>						
2. Unproductive—In operation ..	— 1,78,559	— 2,05,481	— 1.91	— 2.19	..	..

## A. IRRIGATION WORKS.

1. *Productive.*

3. The Local Government have lately considered the cases in which a change of classification of works from "Productive" to "Unproductive" or *vice versa* is necessary and ordered the re-classification of the eleven projects mentioned below from "Unproductive" to "Productive" with effect from 1922-1923 :—

- |                                |                                 |
|--------------------------------|---------------------------------|
| (1) Ganjam minor river system. | (7) Chembarambakam tank.        |
| (2) Arkankotta channel.        | (8) Mehamathur anicut system.   |
| (3) Thadapalli channel.        | (9) Vriddachalam anicut system. |
| (4) Kalingarayan channel.      | (10) Nandiyar channel.          |
| (5) Palar anicut system.       | (11) Marudur anicut system.     |
| (6) Vallur anicut system.      |                                 |

4. The number of productive works in 1921-1922 was thirteen. Adding to these the eleven works referred to above, there were 24 works under this class during the year under review. The total capital outlay (direct and indirect) to the end of the year 1922-1923 on these works (including the Toludur Project under consideration) amounted to Rs. 6,98,48,491 (column 3), the gross revenue to Rs. 1,23,43,752 (column 5) and working expenses to Rs. 34,23,046 (column 7). The percentage of net revenue on the capital invested was therefore 12.77, while the surplus revenue after paying interest charges of Rs. 22,03,637, amounted to Rs. 67,17,069, or 9.62 per cent on the capital outlay.

5. The total area irrigated by this class of works in the Presidency during the year was 21,81,675 acres as against 21,66,765 acres in the previous year.

6. The gross revenue realized during the year under review was Rs. 1,23,43,752 against Rs. 1,20,75,167 in 1921-1922, the working expenses Rs. 34,23,046 against Rs. 33,80,019 respectively. The increase in the gross revenue was in the main due to increase in cultivation coupled with the absence of large remissions under certain works and to the introduction of re-settlement rates in the Vriddachalam anicut system. There were, however, appreciable decrease under the Pennar river canal system and the Chembrambakam tank due to a decrease in the area of second crop cultivation.

7. The only important work under construction during the year was the Toludur Project on which satisfactory progress was made. Out of the sanctioned outlay of Rs. 32.10 lakhs for the scheme, an expenditure of 24.34 lakhs had been incurred by the end of the year.

2. *Unproductive.*

8. There were 29 works exclusive of the eleven works mentioned in paragraph 3 above. The majority of them are small tanks and in many cases the irrigation is still in an early stage of development. The financial results of this class of works taken as a whole are seriously affected by the poor results of the Kurnool-Cuddapah canal, the capital cost of which exceeds  $2\frac{1}{4}$  crores of rupees, yielding a net revenue of Rs. 170,216 only or .73 per cent on the capital outlay, the area irrigated being 88,110 acres.

9. The capital outlay on this class of work amounted to Rs. 4,03,92,133 (col. 3), the gross revenue to Rs. 8,10,903 (col. 5), and the working expenses to Rs. 3,64,429 (col. 7), giving a net revenue of Rs. 4,46,474 or 1.11 per cent (cols. 9 and 11) on the capital outlay. The area irrigated during the year under review was 184,712 acres against 182,301 in the previous year.

## B. NAVIGATION, ETC., WORKS.

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

2. *Unproductive.*

11. 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. 2,05,481.

12. The receipts and working expenses in the following cases seem to call for notice :—

B. NAVIGATION, ETC., WORKS.

2. Unproductive.

Years.	Buckingham canal.			Vedaranyam canal.		
	Receipts.	Working expenses.	Percentage of working expenses to revenue.	Receipts.	Working expenses.	Percentage of working expenses to revenue.
1918-19	87,457	1,96,751	224.97	639	9,499	1,486.54
1919-20	81,784	2,26,059	276.41	866	8,386	968.36
1920-21	77,371	2,25,520	290.18	561	13,740	2,449.19
1921-22	78,869	2,46,499	312.54	569	12,902	2,267.48
1922-23	73,814	2,69,843	365.57	547	10,764	1,967.82

While there has been a gradual decline in the revenue realized from the Buckingham canal system, the working expenses have been on the increase year after year. In the case of the Vedaranyam canal again the amount of revenue has been insignificant in relation to working expenses :—

A. IRRIGATION WORKS.

2. Unproductive.

Years	Siddappur tank.			Venkatapuram tank.		
	Receipts	Working expenses.	Percentage of working expenses to revenue.	Receipts.	Working expenses.	Percentage of working expenses to revenue.
1918-19	..	..	..	..	877	..
1919-20	..	827	..	..	471	..
1920-21	..	1,557	..	..	718	..
1921-22	916	1,319	143.99	674	2,214	328.48
1922-23	..	1,257	..	— 172	650	..

It is noteworthy that the working expenses during 1922-23 in the case of the Siddappur tank remained the same as in the previous year although the revenue realized was *nil* as against Rs. 916 in 1921-22. In the case of the Venkatapuram tank, on the other hand, there was a marked decrease in the working expenses.

13. As stated in paragraph 3 above, the initial classification of the works as 'Productive' and 'Unproductive' has been fixed by Government in respect of some works with effect from 1921-22 and of others with effect from 1922-23. After a lapse of three years from the date of reclassification, the question will again be considered and suggestions made for further reclassification if necessary (paragraph 6 of Government of India circular letter No. 3 P. W., dated the 21st September 1921).

General.

14. The following statement shows how the *pro rata* charges for establishment (which do not include charges relating to establishment directly employed on the works) have been increasing from year to year, without reference to the outlay of expenditure on the works

	1918-19.	1919-20.	1920-21.	1921-22.	1922-23.
Expenditure on works and repairs ..	17,18,271	17,15,149	18,33,330	21,70,848	21,55,333
Establishment charges ..	7,11,068	7,59,468	8,68,380	10,91,119	10,74,003
Percentage on establishment charges to works outlay.	41.38	44.28	46.82	50.26	49.82

A. A. L. PARSONS,  
Accountant-General.

MADRAS, 7th December 1923.

## 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 1922-1923.			To end of 1922-1923.		
				Direct charges.	Indirect charges.	Total.	Direct charges.	Indirect charges.	Total.
	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.
<b>CONSTRUCTION OF IRRIGATION, NAVIGATION, EMBANKMENT AND DRAINAGE WORKS.</b>									
<b>A. Irrigation Works.</b>									
<b>1. Productive Works.</b>									
1. Ganjam minor river system	2,69,637	10,437	2,80,074	1,682	105	1,787	2,64,193	10,521	2,74,714
2. Godavari delta system	1,52,00,121	19,74,984	1,71,75,105	2,70,915	15,653	2,86,568	1,41,10,255	20,15,181	1,61,25,436
3. Kistna do.	1,66,33,942	10,68,957	1,77,02,899	38,032	2,143	40,175	1,57,18,715	10,86,092	1,68,04,807
4. Divi pumping system.	23,96,560	32,250	24,28,619	29,869	1,689	31,558	20,22,697	37,637	20,60,334
5. Pennér river canals system.	57,38,810	10,13,191	67,52,001	7,039	396	7,435	57,27,804	10,13,631	67,41,435
6. Arkenkota channel ..	1,40,769	3,976	1,44,445	..	..	..	1,40,769	3,676	1,44,445
7. Thadapalle channel ..	1,64,755	11,050	1,75,805	..	..	..	1,64,755	11,050	1,75,805
8. Kalingarayan channel	1,75,980	4,506	1,80,486	..	..	..	1,75,980	4,506	1,80,486
9. Palar anicut system ..	23,39,649	1,17,105	24,56,754	..	..	..	23,39,649	1,17,105	24,56,754
10. Chembrambakkam tank.	6,51,348	1,12,795	7,64,143	..	..	..	6,51,348	1,12,795	7,64,143
11. Valluru anicut system.	74,366	1,916	76,282	..	..	..	74,366	1,916	76,282
12. Poiney do.	2,88,830	6,879	2,95,209	5,470	244	5,714	2,94,227	8,774	3,03,001
13. Cheyaru do.	4,85,547	11,754	4,97,301	5,433	245	5,678	4,70,419	13,664	4,84,083
14. Tirukkoyilar do.	3,83,105	9,189	3,92,294	301	11	312	3,76,172	9,641	3,85,813
15. Shatiatope do.	9,43,765	57,271	10,01,036	— 1	..	— 1	9,15,365	57,277	9,72,642
16. Toludur project ..	29,60,000	2,50,000	32,10,000	1,60,785	6,070	1,66,855	21,92,638	2,41,083	24,33,721
17. Mehamattar anicut system.	73,403	1,397	75,300	..	..	..	73,372	2,009	75,381
18. Vriddhachalam anicut system.	81,191	2,494	86,685	..	..	..	84,191	2,494	86,685
19. Lower Coleroon anicut system.	18,71,557	71,335	19,42,892	..	..	..	18,71,557	71,335	19,42,892
20. Cauvery delta system.	50,69,016	1,95,509	52,64,525	1,13,604	4,270	1,17,874	45,74,761	2,08,181	47,82,942
21. Nandyar channel system.	63,231	2,484	65,715	..	..	..	63,231	2,484	65,715
22. Periyar system ..	1,04,15,157	3,67,181	1,07,82,338	2,005	114	2,119	1,03,17,323	3,67,746	1,06,85,069
23. Srivaikuntam anicut system.	16,66,397	1,07,065	17,73,462	7,459	425	7,884	16,66,441	1,07,559	17,74,000
24. Marudur anicut system.	58,733	1,265	59,998	..	..	..	50,541	1,265	51,806
Total, A Irrigation 1. Productive Works.	6,81,48,678	54,34,690	7,35,83,368	6,42,593	31,365	6,73,958	6,43,40,819	55,07,672	6,98,48,491
<b>2. Unproductive Works.</b>									
1. Rushikulya system ..	47,41,175	4,13,343	51,54,518	5,719	356	6,075	47,22,464	4,14,776	51,37,240
2. Nagavalli river system.	16,85,000	45,000	17,30,000	7,997	497	8,494	16,77,090	42,081	17,19,171
3. Muniyeru project ..	6,73,715	28,000	7,01,715	..	..	..	5,68,966	29,636	5,98,602
4. Peddinsaidu tank of Chennaraopalem.	68,234	20,726	88,960	..	..	..	62,098	1,397	63,495

## ADMINISTRATIVE ACCOUNTS FOR THE YEAR 1922-23.

## 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 1922-1923.			WORKING EXPENSES DURING 1922-1923.			NET RESULT EXCLUDING INTEREST (DIFFERENCE BETWEEN REVENUE AND WORKING EXPENSES).				Simple interest during 1922-1923.	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.			RS.	RS.	RS.		
64,140	7,324	71,464	21,630	1,132	22,822	48,642	..	17.70	..	8,868	39,774	..	14.47	..
39,39,302	1,92,149	41,31,451	9,81,464	47,771	10,29,225	31,02,226	..	19.23	..	4,85,948	26,16,278	..	16.22	..
37,14,154	1,35,148	38,49,302	6,56,526	26,597	6,82,123	31,67,179	..	18.85	..	5,31,607	26,35,572	..	15.68	..
1,81,470	53,602	2,35,072	1,74,413	9,305	1,83,718	51,354	..	2.49	..	69,080	..	17,726	..	86
5,54,138	60,219	6,14,357	1,40,134	6,214	1,46,398	4,67,959	..	6.94	..	1,91,023	2,76,936	..	4.11	..
18,314	410	18,724	8,905	356	9,261	9,463	..	6.55	..	4,681	4,782	..	3.31	..
62,304	2,900	65,204	19,342	720	20,062	45,142	..	25.67	..	5,478	39,664	..	22.66	..
46,270	483	46,753	7,410	232	7,642	39,111	..	21.67	..	5,852	33,259	..	18.43	..
2,31,952	16,815	2,48,767	63,017	2,127	65,144	1,83,623	..	7.47	..	78,154	1,05,469	..	4.29	..
40,500	908	41,408	3,959	73	4,032	37,376	..	4.89	..	21,919	15,457	..	2.02	..
2,559	1,074	3,633	13,475	500	13,975	..	10,342	..	13.65	2,705	..	13,047	..	17.19
70,833	5,461	76,294	17,394	606	18,000	58,294	..	19.24	..	10,848	47,446	..	15.66	..
75,324	3,352	78,676	41,048	1,657	42,705	35,971	..	7.43	..	16,457	19,514	..	..	4.03
73,637	3,362	76,999	26,878	869	27,747	49,252	..	12.77	..	12,703	36,549	..	9.47	..
1,27,911	15,209	1,43,120	41,988	1,311	43,299	99,821	..	10.26	..	30,441	69,380	..	7.13	..
..	..	..	..	..	..	..	..	..	..	97,934	..	97,934	..	4.02
22,053	51	22,104	4,927	144	5,071	17,033	..	22.60	..	2,496	14,537	..	19.28	..
30,233	294	30,527	6,097	172	6,269	24,258	..	28.02	..	2,799	21,459	..	24.79	..
3,53,392	51,510	4,04,902	1,43,290	4,636	1,47,926	2,56,976	..	13.22	..	62,275	1,94,701	..	10.02	..
9,57,756	1,18,072	10,75,828	5,77,078	20,372	5,97,450	4,78,378	..	10.00	..	1,58,457	3,19,921	..	6.69	..
6,379	54	6,433	— 715	— 57	— 772	7,205	..	10.96	..	2,137	5,068	..	7.71	..
7,81,277	52,580	8,33,857	2,35,401	11,225	2,46,626	5,87,231	..	5.49	..	3,43,516	2,43,715	..	2.28	..
1,64,566	1,490	1,66,056	86,345	4,477	90,822	75,234	..	4.24	..	56,579	18,655	..	1.05	..
1,02,521	270	1,02,791	13,041	460	13,501	89,290	..	172.35	..	1,680	87,610	..	169.11	..
1,16,21,015	7,22,737	1,23,43,752	32,82,147	1,40,899	34,23,046	89,20,706	..	12.77	..	22,03,637	67,17,069	..	9.62	..
1,88,942	4,572	1,93,514	77,543	4,234	81,777	1,11,737	..	2.17	..	1,57,917	..	46,180	..	89
65,773	13,189	78,962	22,475	1,191	23,666	55,296	..	3.22	..	56,442	..	1,146	..	07
22,786	60	22,846	11,408	581	11,989	10,867	..	1.81	..	13,919	..	8,062	..	1.35
2,845	..	2,845	481	22	503	2,393	..	3.77	..	2,065	328	..	52	..

## 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 1922-1923.			To end of 1922-1923.		
				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.
<i>A. Irrigation Works—cont.</i>									
2. Unproductive—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	— 5	..	— 5	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. Koohervu 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	— 6,171	— 460	— 6,631	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 ..	3,72,645	12,565	3,85,210	..	..	..	3,72,250	12,671	3,84,921
24. Kurnool-Cuddapah canal..	2,34,01,294	85,419	2,34,86,713	4,658	347	5,005	2,33,17,625	73,158	2,33,90,783
25. Barur tank'.. ..	4,19,375	23,738	4,43,113	..	..	..	4,19,375	23,738	4,43,113
26. Kannampalem anicut ..	1,33,343	3,757	1,40,100	8,945	399	9,344	1,26,836	3,939	1,30,775
27. Madras Water-supply and Irrigation system.	15,82,203	2,39,508	18,21,711	..	..	..	15,79,536	2,39,578	18,19,114
28. Pelandorai anicut system.	6,43,270	48,747	6,92,017	..	..	..	6,43,270	48,747	6,92,017
29. Panjampatti reservoir project.	3,36,090	68,510	4,04,600	1,450	85	1,535	3,26,855	11,454	3,38,309
Total, A. Irrigation 2. Unproductive.	3,94,04,194	12,82,648	4,06,86,842	22,593	1,224	23,817	3,91,06,628	11,95,505	4,03,02,133
Total, A. Irrigation Works ..	10,75,52,872	67,17,338	11,42,70,210	6,65,186	32,589	6,97,775	10,35,37,447	67,03,177	11,02,40,624
<i>B. NAVIGATION, EMBANKMENT AND DRAINAGE WORKS.</i>									
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 ..	85,72,682	4,88,497	90,61,179	..	..	..	85,66,071	4,89,255	90,55,326
3. Vedaranniyam canal ..	1,32,699	3,733	1,36,432	..	..	..	1,32,699	3,733	1,36,432
Total, 2. Unproductive Works.	88,48,481	5,04,623	93,53,104	..	..	..	88,41,870	5,05,381	93,47,251
Total, B. Navigation, etc., Works.	88,48,481	5,04,623	93,53,104	..	..	..	88,41,870	5,05,381	93,47,251
Total, Construction of Irrigation, etc., Works.	11,64,01,353	72,21,961	12,36,23,314	6,65,186	32,589	6,97,775	11,23,79,317	72,08,558	11,96,87,875

## ADMINISTRATIVE ACCOUNTS FOR THE YEAR 1922-23.

## MADRAS PRESIDENCY.

Unproductive Works, the Capital outlay thereon, the Revenue derived therefrom, the Working Expenses and in respect of those works—cont.

RECEIPTS DURING 1922-1923.			WORKING EXPENSES DURING 1922-1923.			NET RESULT EXCLUDING INTEREST (DIFFERENCE BETWEEN REVENUE AND WORKING EXPENSES).				during 1922-1923.	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.			Simple interest	Excess revenue (surplus).	Excess expenditure (deficit).	Rate per cent.
Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Of excess revenue.	Of excess expenditure.				Of excess revenue.	Of excess expenditure.
1,222	..	1,222	778	41	819	403	..	.56	..	2,038	..	1,635	..	2.28
79	..	79	1,925	108	2,043	..	1,964	..	1.59	3,656	..	5,620	..	4.55
497	3	500	62	2	64	436	..	.81	..	4,149	..	3,713	..	2.65
2,062	..	2,062	5,354	301	5,655	..	3,593	..	1.38	9,819	..	13,412	..	5.15
12,089	3,274	15,363	4,018	195	4,213	11,150	..	.49	..	84,637	..	73,537	..	3.21
3,865	15	3,880	416	14	430	3,450	..	1.10	..	9,270	..	5,820	..	1.67
4,675	..	4,675	4,012	213	4,225	450	..	.21	..	6,882	..	6,432	..	2.97
472	1	473	— 977	— 56	— 1,033	1,506	..	2.05	..	2,384	..	878	..	1.19
1,309	64	1,373	69	..	69	1,304	..	2.06	..	2,053	..	749	..	1.18
..	..	..	..	..	..	..	..	..	..	2,063	..	2,063	..	3.24
— 4,950	4	— 4,946	296	41	337	..	5,283	..	1.14	14,867	..	20,150	..	4.34
..	..	..	..	..	..	..	..	..	..	2,204	..	2,204	..	3.20
7,581	461	8,042	1,874	110	1,984	6,058	..	7.01	..	2,793	3,265	..	3.78	..
2,765	1	2,766	1,951	135	2,086	680	..	.56	..	3,879	..	3,199	..	2.65
3,239	464	3,703	216	4	220	3,483	..	1.29	..	8,345	..	4,862	..	1.80
— 309	..	— 309	760	58	818	..	1,127	..	.83	4,333	..	6,460	..	4.03
..	..	..	1,170	87	1,257	..	1,257	..	.06	26,562	..	27,819	..	3.45
950	..	950	47	..	47	903	..	.82	..	3,568	..	2,666	..	2.43
— 172	..	— 172	604	46	650	..	822	..	.21	12,943	..	13,765	..	3.58
3,41,119	1,960	3,43,079	1,62,010	10,853	1,72,863	1,70,216	..	.73	..	7,84,911	..	6,14,695	..	2.63
18,936	471	19,407	4,690	170	4,860	14,547	..	3.28	..	13,945	602	..	..	1.4
..	..	..	1,189	53	1,242	..	1,242	..	.95	6,094	..	7,336	..	5.61
52,918	462	53,380	26,245	951	27,196	26,184	..	1.44	..	53,231	..	27,047	..	1.49
54,418	76	54,494	15,836	497	16,333	38,111	..	5.50	..	22,084	16,027	..	2.31	..
2,333	381	2,714	116	..	116	2,598	..	.76	..	12,473	..	9,375	..	2.92
7,85,445	25,458	8,10,903	3,44,573	19,851	3,64,429	4,46,474	..	1.11	..	13,34,581	..	8,88,107	..	2.19
1,24,06,400	7,48,195	1,31,54,665	36,26,725	1,60,750	37,87,475	93,67,180	..	8.49	..	35,38,218	53,23,062	..	5.29	..
1,276	..	1,276	481	30	511	765	..	.49	..	4,758	..	3,993	..	2.67
73,814	..	73,814	2,59,099	10,744	2,69,843	..	1,96,029	..	2.16	2,55,872	..	4,81,901	..	5.82
547	..	547	10,374	390	10,764	..	10,217	..	7.49	4,412	..	14,629	..	10.72
75,637	..	75,637	2,69,954	11,164	2,81,118	..	2,05,481	..	2.19	2,95,042	..	5,00,523	..	5.35
75,637	..	75,637	2,69,954	11,164	2,81,118	..	2,05,481	..	2.19	2,95,042	..	5,00,523	..	5.35
1,24,82,097	7,48,195	1,32,30,292	38,96,679	1,71,914	40,68,593	91,61,699	..	7.66	..	38,33,260	53,23,489	..	4.45	..

## IRRIGATION BRANCH.

## PUBLIC WORKS DEPARTMENT

GANJAM MINOR RIVERS SYSTEM—Canal Project.

No. 2.—Capital Account for and to end of 1922–1923.

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.	1922–1923.	Total.		
<b>I. WORKS—</b>	Rs.	Rs.	Rs.	Rs.	Rs.
(1) <i>Head Works—</i>					
C. Works ... ..	3,330	...	3,330	1,647	1,647
<b>Total ...</b>	<b>3,330</b>	<b>...</b>	<b>3,330</b>	<b>1,647</b>	<b>1,647</b>
(2) <i>Main Canals and Branches—</i>					
A. Preliminary expenses ... ..	...	...	...	...	...
B. Land ... ..	7,382	...	7,382	7,382	7,382
D. Regulators ... ..	35,912	...	35,912	35,912	35,912
E. Falls and weirs ... ..	4,701	214	4,915	6,570	6,570
F. (1) Other cross drainage works ... ..	11,676	...	11,676	11,676	11,676
G. Bridges ... ..	2,121	...	2,121	2,121	2,121
H. Escapes ... ..	15,686	...	15,686	15,686	15,686
I. Navigation works ... ..	...	...	...	...	...
K. Buildings ... ..	1,712	...	1,712	1,712	1,712
L. Earthwork ... ..	27,201	...	27,201	27,201	27,201
M. Plantations ... ..	...	...	...	...	...
N. Tanks and reservoirs ... ..	2,941	761	3,702	5,692	2,922
O. Miscellaneous ... ..	2,220	...	2,220	2,220	2,220
P. Maintenance ... ..	...	...	...	...	...
<b>Total ...</b>	<b>1,10,552</b>	<b>975</b>	<b>1,12,527</b>	<b>1,16,172</b>	<b>1,13,402</b>
(3) <i>Distributaries—</i>					
A. Preliminary expenses ... ..	...	...	...	...	...
B. Land ... ..	2,889	...	2,889	2,889	2,889
C. Works ... ..	51,904	...	51,904	54,504	51,904
L. Earthwork ... ..	11,610	...	11,610	11,610	11,610
O. Miscellaneous ... ..	404	...	404	404	404
<b>Total ...</b>	<b>66,807</b>	<b>...</b>	<b>66,807</b>	<b>69,407</b>	<b>66,807</b>
(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
<b>Total ...</b>	<b>27,537</b>	<b>...</b>	<b>27,537</b>	<b>27,537</b>	<b>27,537</b>
(5) <i>Special tools and plant</i> ... ..	...	...	...	...	...
<i>Add—Unclassifiable outlay</i> ... ..	7,929	...	7,929	7,929	7,929
<b>Total Works ...</b>	<b>2,17,155</b>	<b>975</b>	<b>2,18,130</b>	<b>2,22,692</b>	<b>2,17,322</b>
II. ESTABLISHMENT ... ..	45,148	678	45,826	46,625	45,282
III. TOOLS AND PLANT ... ..	208	29	237	320	213
<b>Grand Total ...</b>	<b>2,62,511</b>	<b>1,682</b>	<b>2,64,193</b>	<b>2,69,637</b>	<b>2,62,817</b>
V. <i>Less—RECEIPTS ON CAPITAL ACCOUNT</i> ... ..	...	...	...	...	...
* <b>Net Total ...</b>	<b>2,62,511</b>	<b>1,682</b>	<b>2,64,193</b>	<b>2,69,637</b>	<b>2,62,817</b>
Chargeable to 43. Minor Works and Navigation—Provincial.	2,60,706	...	2,60,706	...	...
Chargeable to 55-A. Irrigation Works—Unproductive.	1,805	1,682	3,487	...	...
<b>Total ...</b>	<b>2,62,511</b>	<b>1,682</b>	<b>2,64,193</b>	<b>...</b>	<b>...</b>

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

GANJĀM MINOR RIVERS SYSTEM—*Canal Project.*  
No. 3.—Revenue Account for and to end of 1922-23.

Receipts.	TOTAL.			Charges.	TOTAL.		
	Previous.	1922-1923.	Total.		Previous.	1922-1923.	Total.
<b>I. DIRECT RECEIPTS—</b>	RS.	RS.	RS.	<b>I. EXTENSIONS AND IMPROVEMENTS—</b>	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 ..	37,382	813	38,195
3. Receipts from sale of water ..	734	..	734	(3) Distributaries ..	79,721	1,869	81,080
5. Receipts from plantations ..	1,448	..	1,448	(4) Drainage and protective works ..	5,713	..	5,713
6. Receipts from other canal produce ..	6,108	11	6,119	(5) Special tools and plant ..	..	..	..
11. Miscellaneous ..	1,031	74	1,105	Total ..	1,23,738	2,172	1,25,910
Total, Revenue realized in Public Works Department ..	9,522	85	9,607	<b>II. MAINTENANCE AND REPAIRS—</b>			
Irrigation Revenue realized in Civil Department ..	17,62,155	64,055	18,26,210	(1) Head works ..	2,686	10,233	12,919
<b>Total, Direct Receipts ..</b>	<b>17,71,677</b>	<b>64,140</b>	<b>18,35,817</b>	(2) Main canals and branches ..	3,38,655	..	3,38,655
<b>II. INDIRECT RECEIPTS—</b>				(3) Distributaries ..	2,14,290	2,799	2,17,089
Share of Land Revenue collected in the Civil Department ..	3,95,939	7,324	4,03,263	(4) Drainage and protective works ..	4,817	..	4,817
				(5) Special tools and plant ..	..	..	..
Total, Public Works and Civil Departments, Revenue ..	21,67,616	71,464	22,39,080	<i>Add—Unclassifiable outlay</i> ..	2,985	..	2,985
				Total ..	5,63,433	13,032	5,76,465
<b>Total, Receipts ..</b>	<b>21,67,616</b>	<b>71,464</b>	<b>22,39,080</b>	Total, Extensions and Improvements and Maintenance and Repairs ..	6,87,171	15,204	7,02,375
				IV. ESTABLISHMENT ..	1,64,101	10,573	1,74,674
				V. TOOLS AND PLANT ..	1,468	460	1,928
				VI. REFUNDS OF REVENUE ..	5	..	5
				<i>Deduct—Recoveries of expenditure</i> ..	..	82	82
				Total, Direct Charges ..	8,52,745	26,155	8,78,900
				Share of collection charges in the Civil department ..	1,07,905	3,569	1,11,474
				Indirect charges ..	32,110	1,632	33,742
				Total, Direct and Indirect Charges ..	9,92,760	31,356	10,24,116
				<i>* Deduct—Old maintenance charges saved to Government.</i>	40,744	8,534	49,278
				Net revenue ..	9,52,016	22,822	9,74,838
				Balance, Net revenue ..	12,15,600	48,642	12,64,242
				Grand Total ..	21,67,616	71,464	22,39,080

* Direct—		RS.
Extensions and improvements ..	..	1,529
Maintenance and repairs ..	..	3,126
Establishment ..	..	3,237
Tools and plant ..	..	142
		<b>8,034</b>
Indirect ..	..	500
		<b>Total .. 8,534</b>

## No. 4.—Interest Account for and to end of 1922-23.

		Amount.			Amount.
		RS.			RS.
Total interest charges to end of 1921-1922 ..	..	2,14,015	Net revenue realized to end of 1921-1922 ..	..	12,15,600
Total interest charges for the year 1922-1923 ..	..	8,868	Net revenue realized during 1922-1923 ..	..	48,642
Balance, net revenue ..	..	10,41,359			
	Total ..	12,64,242		Total ..	12,64,242

## No. 5.—Account of Indirect Charges for and to end of 1922-23.

Particulars.		Previous.	1922-1923.	Total.
		RS.	RS.	RS.
<b>CAPITAL—</b>				
Capitalization of abatement of land revenue ..	..	4,084	..	4,084
Leave and pension allowances ..	..	6,321	95	6,416
Audit and accounts ..	..	11	10	21
	Total ..	10,416	105	10,521
<b>REVENUE—</b>				
Capitalization of abatement of land revenue ..	..	9,050	..	9,050
Leave and pension allowances ..	..	22,961	1,480	24,441
Audit and accounts ..	..	99	152	251
	Total ..	32,110	1,632	33,742
	<b>Grand Total ..</b>	<b>42,526</b>	<b>1,737</b>	<b>44,263</b>

## 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	808	5,370	4,562	2,18,130		
Establishment ..	23,382	21,900	45,282	544	1,343	799	45,826		
Tools and plant ..	..	213	213	24	107	83	237		
Suspense account ..	..	..	..	..	..	..	..		
Total ..	1,26,179	1,36,638	2,62,817	1,376	6,820	5,444	2,64,193	Mis. 51 I., 10th Feb. 1922 ..	2,600
<i>Less—Receipts on Capital account ..</i>	..	..	..	..	..	..	..		
Net Total ..	1,26,179	1,36,638	2,62,817	1,376	6,820	5,444	2,64,193	Mis. 410 I., 20th Oct. 1921 ..	2,770
<i>Indirect charges.</i>									
Capitalized abatement of land revenue ..	..	4,084	4,084	..	..	..	4,084		5,370
Leave and pension allowances ..	3,274	3,066	6,340	76	..	— 76	6,416		
Audit and accounts ..	..	13	13	8	..	— 8	21		
Total ..	3,274	7,163	10,437	84	..	— 84	10,521		
Grand Total ..	1,29,453	1,43,801	2,73,254	1,460	6,820	5,360	2,74,714		

GÖDĀVARI DELTA SYSTEM—*Canal Project.*

## No. 2.—Capital Account for and to end of 1922-1923.

Heads of account.	DIRECT CHARGES.			Cost of construction as now estimated (construction estimate closed on 31st March 1890).	Expenditure against closed estimate.
	Previous.	1922-1923.	Total.		
I	2	3	4	5	6
<b>I. WORKS—</b>	RS.	RS.	RS.	RS.	RS.
(1) <i>Head Works—</i>					
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	72,067	61,467
O. Miscellaneous .. .. .	7,231	..	7,231	11,353	5,304
Total .. .. .	6,07,197	..	6,07,197	6,16,136	5,98,487
(2) <i>Main Canals and Branches—</i>					
A. Preliminary expenses .. .. .	51	..	51	51	51
B. Land .. .. .	64,048	348	64,396	85,827	62,927
D. Regulators .. .. .	48,917	..	48,917	48,172	48,172
E. Falls and weirs .. .. .	22,334	3	22,337	21,976	7,726
F. River and hill torrent works .. .. .	67,459	..	67,459	67,450	67,450
F (1) Other cross drainage works .. .. .	80,068	..	80,068	80,068	80,068
G. Bridges .. .. .	35,399	..	35,399	71,466	36,099
H. Escapes .. .. .	86,212	..	86,212	86,212	86,212
I. Navigation .. .. .	13,02,034	..	13,02,034	13,02,333	12,74,233
K. Buildings .. .. .	41,171	..	41,171	45,671	41,171
L. Earthwork .. .. .	9,47,151	20	9,47,171	9,41,456	9,41,456
O. Miscellaneous .. .. .	21,742	131	21,873	35,711	23,081
Total .. .. .	27,16,577	502	27,17,079	27,86,443	26,68,696
(3) <i>Distributaries—</i>					
A. Preliminary expenses .. .. .	1,139	..	1,139	901	901
B. Land .. .. .	94,397	..	94,397	1,00,340	68,914
C. Works .. .. .	4,54,581	6,846	4,61,427	5,06,739	4,10,719
L. Earthwork .. .. .	3,43,624	5,820	3,49,444	3,96,395	3,17,204
O. Miscellaneous .. .. .	18,679	4,516	23,195	29,202	16,507
P. Maintenance .. .. .	..	..	..	..	..
Total .. .. .	9,12,420	17,176	9,29,596	10,33,577	8,13,245
(4) <i>Drainage and Protective Works—</i>					
A. Preliminary expenses .. .. .	..	..	..	..	..
B. Land .. .. .	1,81,612	3,117	1,84,729	3,06,527	1,20,897
C. Works .. .. .	2,38,682	3,452	2,42,134	2,97,253	1,93,514
H. Escapes .. .. .	..	..	..	..	..
L. Earthwork .. .. .	13,97,981	68,564	14,66,545	20,33,834	12,98,964
O. Miscellaneous .. .. .	14,252	266	14,518	81,321	7,141
Total .. .. .	18,32,527	75,399	19,07,926	27,18,935	16,20,516
(5) <i>Special tools and plant—</i>					
Provision for unforeseen works .. .. .	..	..	..	..	..
Total outlay on current sanctions .. .. .	60,68,622	1,69,200	62,37,822	72,54,091	57,00,944
Old outlay .. .. .	42,99,072	..	42,99,072	42,99,072	42,99,072
Total Works .. .. .	1,03,67,694	1,69,200	1,05,36,894	1,15,53,163	1,00,00,016
II. ESTABLISHMENT .. .. .	25,38,945	99,720	26,38,665	27,03,919	23,70,618
III. TOOLS AND PLANT .. .. .	9,34,255	1,995	9,36,250	9,44,593	9,26,068
IV. SUSPENSE ACCOUNTS .. .. .	..	..	..	..	..
Grand Total .. .. .	1,38,40,894	2,70,915	1,41,11,809	1,52,01,675	1,32,96,702
V. Less—RECEIPTS ON CAPITAL ACCOUNT .. .. .	1,554	..	1,554	1,554	1,554
Net Total .. .. .	1,38,39,340	2,70,915	1,41,10,255	1,52,00,121	1,32,95,148
<i>Apportionment—</i>					
Chargeable to 49. Irrigation .. .. .	1,36,59,041	..	1,36,59,041	..	..
Chargeable to 55-A. Irrigation—1. Productive .. .. .	1,80,299	2,70,915	4,51,214	..	..
Total .. .. .	1,38,39,340	2,70,915	1,41,10,255	..	..

## GÖDÄVARI DELTA SYSTEM—Canal Project.

## No. 3.—Revenue Account for and to end of 1922-1923.

Receipts.	TOTAL.			Charges.	TOTAL.		
	Previous.	1922-1923.	Total.		Previous.	1922-1923.	Total.
<b>I. DIRECT RECEIPTS—</b>	RS.	RS.	RS.	<b>I. EXTENSIONS AND IMPROVEMENTS—</b>	RS.	RS.	RS.
3. Sale of water ..	10,147	1,835	11,982	(1) Head works .. ..	91,359	2,138	93,497
4. Water-supply of towns ..	12,642	2,867	15,509	(2) Main canals and branches ..	5,13,508	5,313	5,18,822
5. Receipts from plantations ..	3,48,765	9,871	3,58,636	(3) Distributaries .. ..	6,96,195	3,196	6,99,391
6. Receipts from other canal produce ..	5,58,034	33,154	5,91,238	(4) Drainage and protective works.	1,18,877	1,513	1,20,390
8. Navigation receipts	43,94,031	1,16,569	45,10,600	(5) Special tools and plant ..	86,768	1,114	87,882
9. Rents of buildings.	13,094	450	13,544	Total ..	15,06,708	13,274	15,19,982
10. Fines .. ..	4,861	138	4,999	<b>II. MAINTENANCE AND REPAIRS—</b>			
11. Miscellaneous ..	3,43,733	11,376	3,55,109	(1) Head works .. ..	15,14,235	23,793	15,38,028
<i>Deduct—Refunds ..</i>	<i>389</i>	<i>268</i>	<i>657</i>	(2) Main canals and branches ..	64,31,022	2,26,092	66,57,114
Total, Revenue realized in Public Works Department .. ..	56,84,968	1,75,992	58,60,960	(3) Distributaries .. ..	33,70,050	79,648	34,49,698
Irrigation Revenue realized in Civil Department .. ..	14,39,64,809	37,62,310	14,77,28,119	(4) Drainage and protective works.	15,41,019	38,787	15,79,806
Total, Direct Receipts.	14,96,49,777	39,39,302	15,35,89,079	(5) Special tools and plant ..	30,46,234	82,830	31,29,064
<b>II. INDIRECT RECEIPTS—</b>				<i>Add—Unclassifiable outlay ..</i>	<i>..</i>	<i>..</i>	<i>..</i>
Share of land revenue collected in the Civil Department ..	1,05,06,280	1,92,149	1,06,98,429	Total ..	1,59,02,560	4,51,150	1,63,53,710
Total, Public Works and Civil Departments, Revenue .. ..	16,01,56,057	41,31,451	16,42,87,508	Total, Extensions and Improvements and Maintenance and Repairs ..	1,74,09,268	4,64,424	1,78,73,692
Total, Receipts ..	16,01,56,057	41,31,451	16,42,87,508	<b>IV. ESTABLISHMENT .. ..</b>	1,19,88,967	3,08,048	1,22,97,015
				<b>V. TOOLS AND PLANT .. ..</b>	26,92,867	11,466	27,04,333
				<b>VI. REFUNDS OF REVENUE ..</b>	19,950	..	19,950
				<i>Deduct—Recovery of Expenditure.</i>	<i>24</i>	<i>83</i>	<i>107</i>
				Total, Direct Charges ..	3,21,11,028	7,83,855	3,28,94,883
				Share of collection charges in the Civil Department .. ..	84,96,429	1,97,599	86,94,028
				Indirect charges .. ..	19,53,888	47,771	20,01,659
				Total, Direct and Indirect Charges.	4,25,61,345	10,29,225	4,35,90,570
				Balance, net revenue ..	11,75,94,712	31,02,226	12,06,96,938
				Grand Total ..	16,01,56,057	41,31,451	16,42,87,508

## No. 4.—Interest Account for and to end of 1922-1923.

	Amount.		Amount.
	RS.		RS.
Total interest charges to end of 1921-22 ..	2,41,10,029	Net revenue realized to end of 1921-22 ..	11,75,94,712
Total interest charges for the year 1922-23 ..	4,85,948	Net revenue realized during 1922-23 ..	31,02,226
Balance, net revenue .. ..	9,61,00,961		
Total ..	12,06,96,938	Total ..	12,06,96,938

## GÖDÄVARI DELTA SYSTEM—Canal Project.

## No. 5.—Account of Indirect Charges for and to end of 1922-1923.

Particulars.	Previous.	1922-1923.	Total.
<b>CAPITAL—</b>			
Capitalization of abatement of land revenue .. ..	Rs. 15,24,142	Rs. ..	Rs. 15,24,142
Leave and pension allowances .. ..	4,74,261	13,961	4,88,222
Audit and accounts .. ..	1,125	1,692	2,817
Total ..	19,99,528	15,653	20,15,181
<b>REVENUE—</b>			
Capitalization of abatement of land revenue .. ..	1,01,936	..	1,01,936
Leave and pension allowances .. ..	18,46,895	43,127	18,89,822
Audit and accounts .. ..	5,257	4,644	9,901
Total ..	19,53,888	47,771	20,01,659
Grand Total ..	39,53,415	63,424	40,16,840

## 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>									
Works ...	Rs. 79,85,366	Rs. 20,14,650	Rs. 1,00,00,016	Rs. 5,36,878	Rs. 15,53,147	Rs. 10,16,269	Rs. 1,05,36,894	275 I., 4th June 1915.	Rs. 8,470
Establishment.	19,55,654	4,14,964	23,70,618	2,68,047	3,33,301	65,254	26,38,665	497 I., 11th Nov. 1915.	10,600
Tools and plant.	8,69,822	56,246	9,26,068	10,182	18,525	8,343	9,36,250	137 I., 23rd Mar. 1916.	2,000
Suspense account	...	...	...	...	...	...	...	183 I., 10th May 1917.	57,702
Total ..	1,08,10,842	24,85,860	1,32,96,702	8,15,107	19,04,973	10,89,866	1,41,11,809	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	24,85,239	1,32,95,148	8,15,107	19,04,973	10,89,866	1,41,10,255	163 I., 14th May 1918.	17,990
<i>Indirect Charges.</i>									
Capitalized abatement of land revenue.	14,95,991	28,151	15,24,142	...	...	...	15,24,142	Mis. 513 I., 13th December 1918.	1,37,000
Leave and pension allowances ...	3,92,601	58,095	4,50,696	37,526	...	— 37,526	4,88,222	Mis. 247 I., 18th August 1918.	11,200
Audit and accounts.	...	146	146	2,671	...	— 2,671	2,817	Mis. 270 I., 17th Sep. 1919.	2,690
Total ...	18,88,592	86,392	19,74,984	40,197	...	— 40,197	20,15,181	Mis. 60 I., 9th Feb. 1920.	4,000
Grand Total ...	1,26,98,501	25,71,631	1,52,70,132	8,55,304	19,04,973	10,49,669	1,61,25,436	Mis. 108 I., 25th March 1920.	9,74,000
								Mis. 276 I., 19th Sep. 1919.	1,300
								Mis. 152 I., 8th May 1920.	1,330
								Mis. 103 I., 21st March 1920.	8,300
								" 219 I., 20th July "	14,250
								" 362 I., 17th November "	1,750
								" 368 I., 9th December "	2,260
								" 151 I., 12th May 1921.	2,150
								" 217 I., 29th June "	2,250
								" 237 I., 8th July "	1,480
								" 323 I., 23rd August "	70,000
								" 356 I., 10th September "	1,750
								" 360 I., 15th "	7,700
								" 415 I., 28th October "	4,500
								" 437 I., 16th September "	10,500
								" 74 I., 27th February 1922.	3,540
								" 34 I., 1st "	10,300
								" 114 I., 31st March "	10,667
								" 30 I., 11th "	1,100
								" 22 I., 24th January 1923.	8,119
								" 67 I., 7th March "	12,900
								Total ..	15,53,147

## IRRIGATION BRANCH.

## PUBLIC WORKS DEPARTMENT.

## KISTNA DELTA SYSTEM—Canal Project.

## No. 2.—Capital Account for and to end of 1922-1923.

Heads of account.	DIRECT CHARGES.			Cost of construction as now estimated (construction estimate closed on 31st March 1898).	Expenditure against closed estimate.
	Previous.	1921-1922.	Total.		
<b>I. Works—</b>					
(1) <i>Head Works—</i>	RS.	RS.	RS.	RS.	RS.
B. Land .. .. .	12,732	..	12,732	12,732	12,732
G. Works .. .. .	6,65,413	..	6,65,413	6,65,413	6,65,413
K. Buildings .. .. .	1,02,702	..	1,02,702	1,02,725	1,02,725
O. Miscellaneous .. .. .	2,971	..	2,971	2,971	2,971
<b>Total ..</b>	<b>7,83,818</b>	<b>..</b>	<b>7,83,818</b>	<b>7,83,841</b>	<b>7,83,841</b>
(2) <i>Main Canals and Branches—</i>					
A. Preliminary expenses .. .. .	1,853	..	1,853	1,203	1,203
B. Land .. .. .	1,09,919	..	1,09,919	1,10,794	1,09,904
D. Regulators .. .. .	2,69,219	3,121	2,72,340	2,70,339	2,82,669
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 .. .. .	1,68,450	11,771	1,80,221	1,89,885	1,68,450
H. Escapes .. .. .	84,128	..	84,128	84,128	84,128
I. Navigation works .. .. .	6,89,753	3,883	6,93,136	6,86,192	6,61,192
K. Buildings .. .. .	1,49,273	384	1,49,657	1,49,301	1,49,301
L. Earthwork .. .. .	19,92,949	..	19,92,949	20,30,095	20,24,705
N. Tanks and reservoirs .. .. .	1,213	..	1,213	1,213	1,213
O. Miscellaneous .. .. .	1,41,715	..	1,41,715	1,44,804	1,41,714
<b>Total ..</b>	<b>41,68,207</b>	<b>18,659</b>	<b>41,86,866</b>	<b>42,27,689</b>	<b>41,34,214</b>
(3) <i>Distributaries—</i>					
A. Preliminary expenses .. .. .	4,171	..	4,171	4,171	4,171
B. Land .. .. .	3,77,180	2,468	3,79,648	3,77,191	3,66,127
C. Works .. .. .	6,67,719	1,755	6,69,474	6,79,874	6,48,876
L. Earthwork .. .. .	8,90,021	1,325	8,91,346	8,94,181	8,74,747
O. Miscellaneous .. .. .	86,719	13	86,732	87,237	85,367
<b>Total ..</b>	<b>20,25,810</b>	<b>5,561</b>	<b>20,31,371</b>	<b>20,42,954</b>	<b>19,79,288</b>
(4) <i>Drainage and Protective Works—</i>					
A. Preliminary expenses .. .. .	774	..	774	774	774
B. Land .. .. .	1,56,107	..	1,56,107	1,98,515	1,38,161
C. Works .. .. .	3,53,506	86	3,53,592	4,72,405	3,42,395
L. Earthwork .. .. .	15,98,062	4	15,98,066	20,42,131	15,42,591
O. Miscellaneous .. .. .	47,598	..	47,598	44,658	41,380
P. Maintenance .. .. .	2,985	..	2,985	2,985	2,985
<b>Total ..</b>	<b>21,59,032</b>	<b>90</b>	<b>21,59,122</b>	<b>27,61,468</b>	<b>20,68,286</b>
(5) <i>Special tools and plant ..</i>	..	..	..	50,000	..
Provision for unforeseen works .. .. .	..	..	..	56,380	..
<b>Total outlay on current sanctions ..</b>	<b>91,38,867</b>	<b>24,310</b>	<b>91,61,177</b>	<b>99,22,332</b>	<b>89,65,629</b>
Old outlay .. .. .	30,81,755	..	30,81,755	30,81,755	30,81,755
<b>Total, Works ..</b>	<b>1,22,18,622</b>	<b>24,310</b>	<b>1,22,42,932</b>	<b>1,30,04,087</b>	<b>1,20,47,384</b>
II. ESTABLISHMENT .. .. .	27,79,745	13,568	27,93,313	29,30,072	26,96,155
III. TOOLS AND PLANT .. .. .	7,00,856	154	7,01,010	7,18,323	7,00,490
<b>Grand Total ..</b>	<b>1,56,99,223</b>	<b>38,032</b>	<b>1,57,37,255</b>	<b>1,66,52,482</b>	<b>1,54,44,029</b>
V. <i>Less—RECEIPTS ON CAPITAL ACCOUNT ..</i>	18,540	..	18,540	18,540	18,540
<b>Net Total ..</b>	<b>1,56,80,683</b>	<b>38,032</b>	<b>1,57,18,715</b>	<b>1,66,33,942</b>	<b>1,54,25,489</b>
<i>Apportionment—</i>					
Chargeable to 49. Irrigation .. .. .	1,55,95,783	..	1,55,95,783	..	..
Chargeable to 55-A. Irrigation—1 Productive.	84,900	38,032	1,22,932	..	..
<b>Total ..</b>	<b>1,56,80,683</b>	<b>38,032</b>	<b>1,57,18,715</b>	<b>..</b>	<b>..</b>

## ADMINISTRATIVE ACCOUNTS FOR THE YEAR 1922-23.

MADRAS PRESIDENCY.

KISTNA DELTA SYSTEM—Canal Project.  
No. 3.—Revenue Account for and to end of 1922-23.

Receipts.	TOTAL.			Charges.	TOTAL.		
	Previous.	1922-1923.	Total.		Previous.	1922-1923.	Total.
<b>I. DIRECT RECEIPTS—</b>	RS.	RS.	RS.	<b>I. EXTENSIONS AND IMPROVEMENTS—</b>	RS.	RS.	RS.
3. Sale of water ..	8,415	997	9,412	(1) Head works .. .. .	1,01,436	140	1,01,576
4. Water-supply of towns ..	55,460	2,685	58,145	(2) Main canals and branches ..	4,13,716	2,803	4,16,519
5. Receipts from plantations ..	3,50,802	6,641	3,57,243	(3) Distributaries .. .. .	5,53,766	11,505	5,65,271
6. Receipts from other canal produce ..	6,91,268	64,400	7,55,668	(4) Drainage and protective works ..	1,29,613	189	1,29,802
7. Water power ..	831	..	831	(5) Special tools and plant—	18,273	1,391	19,664
8. Navigation receipts ..	19,38,972	75,745	20,14,717	Total ..	12,16,804	16,028	12,32,832
9. Rents of buildings ..	69,346	2,474	71,820	<b>II. MAINTENANCE AND REPAIRS—</b>			
10. Fines ..	827	..	827	(1) Head works .. .. .	8,44,249	15,210	8,59,459
11. Miscellaneous ..	1,06,490	6,671	1,13,161	(2) Main canals and branches ..	66,57,403	1,36,885	67,94,288
Deduct Refunds ..	221	242	463	(3) Distributaries .. .. .	31,60,295	89,976	32,50,271
Total, Revenue realized in Public Works Department ..	32,21,990	1,59,371	33,81,361	(4) Drainage and protective works ..	5,40,708	5,046	5,45,754
Irrigation Revenue realized in Civil Department ..	11,12,80,525	35,54,783	11,48,35,308	(5) Special tools and plant ..	1,92,124	38,631	2,30,755
Total, Direct Receipts ..	11,45,02,515	37,14,154	11,82,16,669	Add—Unclassifiable outlay ..	9,10,934	..	9,10,934
<b>II. INDIRECT REVENUE—</b>				Total ..	1,23,05,713	2,85,748	1,25,91,461
Share of land revenue collected in the Civil Department ..	80,08,057	1,35,148	81,43,205	Total, Extensions and Improvements and Maintenance and Repairs ..	1,35,22,517	3,01,776	1,38,24,293
Total, Public Works and Civil Departments Revenue ..	12,25,10,572	38,49,302	12,63,59,874	<b>IV. ESTABLISHMENT</b> .. .. .	94,65,899	1,68,424	96,34,323
Total, Receipts ..	12,25,10,572	38,49,302	12,63,59,874	<b>V. TOOLS AND PLANT</b> .. .. .	18,87,763	1,911	18,89,674
				<b>VI. REFUNDS OF REVENUE</b> .. .. .	25,907	..	25,907
				Deduct Recoveries on Revenue Account ..	285	112	407
				Total, Direct Charges ..	2,49,01,791	4,71,999	2,53,73,790
				Share of collection charges in the Civil Department .. .. .	63,15,060	1,83,527	64,98,587
				Indirect charges .. .. .	14,46,025	26,597	14,72,622
				Total, Direct and Indirect Charges ..	3,26,62,876	6,82,123	3,33,44,999
				Balance, net revenue .. .. .	8,98,47,696	31,67,179	9,30,14,875
				Grand Total ..	12,25,10,572	38,49,302	12,63,59,874

## No. 4.—Interest Account for and to end of 1922-1923.

	Amount.		Amount.
Total interest charges to end of 1921-1922 ..	RS. 2,21,03,436	Net revenue realized to end of 1921-1922 ..	RS. 8,98,47,696
Total interest charges for the year 1922-1923 ..	5,31,607	Net revenue realized during 1922-1923 ..	81,67,179
Balance, net revenue .. .. .	7,03,79,832	Total ..	9,30,14,875
Total ..	9,30,14,875		

## No. 5.—Account of Indirect Charges for and to end of 1922-1923.

Particulars.	Previous.	1922-1923.	Total.
<b>CAPITAL—</b>	RS.	RS.	RS.
Capitalization of abatement of land revenue .. .. .	6,16,315	..	6,16,315
Leave and pension allowances .. .. .	4,67,105	1,900	4,69,005
Audit and Accounts .. .. .	629	243	772
Total ..	10,83,949	2,143	10,86,092
<b>REVENUE—</b>			
Capitalization of abatement of land revenue .. .. .	25,437	..	25,437
Leave and pension allowances .. .. .	14,17,073	23,579	14,40,652
Audit and Accounts .. .. .	3,515	3,018	6,533
Total ..	14,46,025	26,597	14,72,622
Grand Total ..	25,29,974	28,740	25,58,714

## IRRIGATION BRANCH.

## PUBLIC WORKS DEPARTMENT.

## 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 .. ..	94,90,888	25,56,496	1,20,47,384	1,95,548	9,56,708	7,61,155	1,22,42,932	430 I., 25th Sep. 1916.	2,193
Establishment .. ..	22,14,258	4,81,897	26,96,155	97,158	2,33,917	1,36,759	27,93,313	430 I., 25th Sep. 1916.	10,810
Tools and plant .. ..	6,60,944	39,546	7,00,490	520	17,833	17,313	7,01,010	454 I., 11th Oct. 1916.	3,500
Suspense account .. ..	..	..	..	..	..	..	..	588 I., 16th Dec. 1916.	2,350
Total ..	1,23,66,090	30,77,939	1,54,44,029	2,92,226	12,08,453	9,15,227	1,57,37,255	260 I., 26th June 1917.	23,200
Less—Receipts on Capital Account.	15,400	3,140	18,540	..	..	..	18,540	362 I., 26th ..	2,300
Net Total ..	1,23,50,690	30,74,799	1,54,25,489	2,93,226	12,08,453	9,15,227	1,57,18,715	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	2,964	..	— 2,964	6,16,315	Mis. 216 I., 17th June 1918.	3,200
Leave and pension allowances.	3,87,938	67,465	4,55,403	13,602	..	— 13,602	4,69,005	Mis. 379 I., 20th Nov. 1918.	3,600
Audit and Accounts .. ..	..	203	203	569	..	— 569	772	Mis. 46 I., 8th Feb. 1919.	1,650
Total ..	8,40,975	2,27,982	10,68,957	17,135	..	— 17,135	10,86,092	Mis. 160 I., 11th May 1920.	2,150
Grand Total ..	1,31,91,665	33,02,781	1,64,94,446	3,10,361	12,08,453	8,98,092	1,68,04,807	Mis. 195 I., 3rd July 1919.	9,700
								Mis. 268 I., 9th Sep. 1919.	2,493
								Mis. 289 I., 4th Oct. 1919.	1,590
								Mis. 29 I., 4th Oct. 1919.	2,200
								Mis. 178 I., 10th June 1921.	52,000
								Mis. 235 I., 30th June 1920.	20,500
								Mis. 81 I., 1st March 1920.	2,620
								Mis. 133 I., 2nd May 1919.	2,400
								Mis. 89 I., 5th March 1920.	2,060
								Mis. 220 I., 20th June 1918.	1,830
								Mis. 181 I., 11th June 1919.	1,640
								Mis. 153 I., 16th May 1921.	3,350
								Mis. 184 I., 14th June 1921.	12,035
								Mis. 224 I., 1st July 1921.	5,700
								Mis. 249 I., 19th Aug. 1919.	13,200
								Mis. 188 I., 16th June 1921.	14,200
								Mis. 173 I., 7th June 1922.	2,300
								Mis. 192 I., 7th July 1922.	9,400
								Mis. 237 I., 23rd Sep. 1922.	2,160
								Mis. 252 I., 9th Oct. 1922.	7,35,000
								Total ..	9,56,702

## DIVI PUMPING SYSTEM—Canal Project.

## No. 2.—Capital Account for and to end of 1922-1923.

Heads of account.	DIRECT CHARGES.			Cost of construction as now estimated (construction estimate closed on 31st October 1913).	Expenditure against elapsed estimate.
	Previous.	1922-1923.	Total.		
1	2	3	4	5	6
<b>I. WORKS—</b>	RS.	RS.	RS.	RS.	RS.
(1) <i>Head Works—</i>					
A. { Old outlay .. .. .	16,954	..	16,954	17,468	17,468
Preliminary expenses .. .. .	383	..	383		
B. Land .. .. .	10,478	..	10,478	10,480	10,480
C. Works .. .. .	1,42,242	..	1,42,242	1,48,099	1,48,099
K. Buildings .. .. .	4,16,227	— 69	4,16,158	4,10,911	4,10,911
O. Miscellaneous .. .. .	15,520	..	15,520	14,897	14,897
P. Maintenance .. .. .	4,070	..	4,070	4,071	4,071
Unforeseen Works .. .. .	..	..	..	..	..
<b>Total .. .. .</b>	<b>6,05,874</b>	<b>— 69</b>	<b>6,05,805</b>	<b>6,05,926</b>	<b>6,05,926</b>
(2) <i>Main Canals and Branches—</i>					
A. Preliminary expenses .. .. .	..	..	..	..	..
B. Land .. .. .	35,782	..	35,782	38,745	35,781
D. Regulators .. .. .	27,998	..	27,998	29,007	28,412
E. Falls and weirs .. .. .	..	..	..	..	..
F. River and hill torrent works .. .. .	..	..	..	..	..
F. (1) <i>Other cross drainage works</i> .. .. .	..	..	..	..	..
G. Bridges .. .. .	37,526	..	37,526	38,220	37,526
H. Escapes .. .. .	..	..	..	..	..
I. Navigation works .. .. .	..	..	..	..	..
K. Buildings .. .. .	..	..	..	..	..
L. Earthwork .. .. .	1,07,864	..	1,07,864	1,15,595	1,07,866
N. Tanks and reservoirs .. .. .	..	..	..	..	..
O. Miscellaneous .. .. .	2,259	..	2,259	2,533	1,945
P. Maintenance .. .. .	4,516	..	4,516	4,516	4,516
Unforeseen Works .. .. .	..	..	..	..	..
<b>Total .. .. .</b>	<b>2,16,945</b>	<b>..</b>	<b>2,16,945</b>	<b>2,28,616</b>	<b>2,16,046</b>
(3) <i>Distributaries—</i>					
A. Preliminary expenses .. .. .	7,997	..	7,997	4,455	4,455
B. Land .. .. .	42,166	73	42,239	41,488	33,728
C. Works .. .. .	28,226	..	28,226	9,905	9,000
L. Earthwork .. .. .	81,167	..	81,167	98,199	92,619
O. Miscellaneous .. .. .	11,447	43	11,490	21,836	16,891
Unforeseen works .. .. .	..	..	..	..	..
<b>Total .. .. .</b>	<b>1,71,003</b>	<b>116</b>	<b>1,71,119</b>	<b>1,75,883</b>	<b>1,56,693</b>
(4) <i>Drainage and Protective Works—</i>					
A. Preliminary expenses .. .. .	1,564	1,885	3,449	9,639	2,687
B. Land .. .. .	87,245	16	87,261	25,392	19,882
C. Works .. .. .	851	..	851	54,485	41,915
L. Earthwork .. .. .	427	7	434	5,406	1,898
O. Miscellaneous .. .. .	..	..	..	..	..
P. Maintenance .. .. .	..	..	..	..	..
Lump sum provision .. .. .	..	..	..	..	..
<b>Total .. .. .</b>	<b>90,087</b>	<b>1,908</b>	<b>91,995</b>	<b>94,922</b>	<b>66,382</b>
(5) <i>Special tools and plant—</i>					
<b>Total outlay on current sanctions .. .. .</b>	<b>10,94,109</b>	<b>19,165</b>	<b>11,13,274</b>	<b>14,21,647</b>	<b>10,45,047</b>
II. ESTABLISHMENT .. .. .	2,25,405	10,695	2,36,101	2,94,419	1,99,333
III. TOOLS AND PLANT .. .. .	6,73,691	121	6,73,812	6,80,680	6,73,725
<b>Grand Total .. .. .</b>	<b>19,93,205</b>	<b>29,982</b>	<b>20,23,187</b>	<b>23,96,746</b>	<b>19,18,105</b>
V. <i>Less—RECEIPTS ON CAPITAL ACCOUNT .. .. .</i>	<b>377</b>	<b>113</b>	<b>490</b>	<b>377</b>	<b>377</b>
<b>Net Total .. .. .</b>	<b>19,92,828</b>	<b>29,869</b>	<b>20,22,697</b>	<b>23,96,369</b>	<b>19,17,728</b>
<i>Apportionment—</i>					
Chargeable to 49. Irrigation .. .. .	19,56,450	..	19,56,450	..	..
Do. to 43. do. Provincial .. .. .	16,954	..	16,954	..	..
Do. to 55-A do. I. Productive .. .. .	19,424	29,869	49,293	..	..
<b>Total .. .. .</b>	<b>19,92,828</b>	<b>29,869</b>	<b>20,22,697</b>	<b>..</b>	<b>..</b>

## IRRIGATION BRANCH.

## PUBLIC WORKS DEPARTMENT.

DIVI PUMPING SYSTEM—*Canal Project.*

## No. 3.—Revenue Account for and to end of 1922-1923.

Receipts.	TOTAL.			Charges.	TOTAL.		
	Previous.	1922-1923.	Total.		Previous.	1922-1923.	Total.
<b>I. DIRECT RECEIPTS—</b>	RS.	RS.	RS.	<b>I. EXTENSIONS AND IMPROVEMENTS—</b>	RS.	RS.	RS.
3. Sale of water ..	..	..	..	(1) Head works .. ..	2,058	24	2,082
4. Water-supply of towns ..	..	..	..	(2) Main canals and branches ..	1,370	..	1,370
5. Receipts from plantations ..	641	68	709	(3) Distributaries .. ..	8,814	17	8,831
6. Receipts from other canal produce ..	8,393	2,109	10,502	(4) Drainage and protective works ..	4,899	37	4,936
8. Navigation receipts ..	558	12	570	(5) Special tools and plant ..	267	422	689
9. Rents of buildings.	3,346	493	3,839	Total ..	17,408	500	17,908
10. Fines ..	..	..	..	<b>II. MAINTENANCE AND REPAIRS—</b>			
11. Miscellaneous ..	486	128	614	(1) Head works .. ..	7,07,524	1,01,790	8,09,314
Total, Revenue realized in Public Works Department ..	13,374	2,810	16,184	(2) Main canals and branches ..	46,640	6,502	53,142
Irrigation Revenue realized in Civil Department ..	16,63,349	1,78,660	18,42,009	(3) Distributaries .. ..	37,246	4,807	42,053
Total, Direct Receipts.	16,76,723	1,81,470	18,58,193	(4) Drainage and protective works ..	982	33	1,015
<b>II. INDIRECT RECEIPTS—</b>				(5) Special tools and plant ..	16,606	4,124	20,730
Share of land revenue collected in the Civil Department ..	2,66,540	53,602	3,20,142	Add—Unclassifiable outlay ..	..	..	..
Total, Public Works and Civil Departments, Revenue ..	19,43,263	2,35,072	21,78,335	Total ..	8,08,998	1,17,256	9,26,254
				Total, Extensions and Improvements and Maintenance and Repairs ..	8,26,406	1,17,756	9,44,162
				IV. ESTABLISHMENT .. ..	3,51,638	65,721	4,17,409
				V. TOOLS AND PLANT .. ..	59,980	746	60,726
				VI. REFUNDS OF REVENUE .. ..	15	..	15
				Total, Direct Charges ..	12,38,089	1,84,223	14,22,312
				Share of collection charges in the Civil Department ..	87,841	9,245	97,086
				Indirect charges .. ..	50,428	10,379	60,807
				Total, Direct and Indirect Charges ..	13,76,358	2,03,847	15,80,205
				* Deduct—Old maintenance charges saved to Government ..	1,73,502	20,129	1,93,631
				Net Total ..	12,02,856	1,83,718	13,86,574
				Balance, net revenue ..	7,40,407	51,354	7,91,761
Total, Receipts ..	19,43,263	2,35,072	21,78,335	Grand Total ..	19,43,263	2,35,072	21,78,335

## \* Direct—

	RS.
Extension and improvements .. ..	49
Maintenance and repairs .. ..	12,131
Establishment .. ..	6,798
Tools and plant .. ..	77
	19,055
Indirect .. ..	1,074
	20,129

## No. 4.—Interest Account for and to end of 1922-1923.

	Amount.		Amount.
Total interest charges to end of 1921-1922 ..	RS. 9,64,561	Net revenue realized to end of 1921-1922 ..	RS. 7,40,407
Total interest charges for the year 1922-1923 ..	69,080	Net revenue realized during 1922-1923 ..	51,354
		Balance net interest charge .. ..	2,41,880
Total ..	10,33,641	Total ..	10,33,641

## DIVI PUMPING SYSTEM—Canal Project.

## No. 5.—Account of Indirect Charges for and to end of 1922-1923.

Particulars.		Previous.	1921-1922.	Total.
<b>CAPITAL—</b>				
Capitalization of abatement of land revenue	.. ..	Rs. 4,320	Rs. ..	Rs. 4,320
Leave and pension allowances	.. ..	31,557	1,497	33,054
Audit and accounts	.. ..	121	192	313
Total	..	35,998	1,689	37,687
<b>REVENUE—</b>				
Capitalization of abatement of land revenue	.. ..	334	..	334
Leave and pension allowances	.. ..	49,238	9,201	58,439
Audit and accounts	.. ..	856	1,178	2,034
Total	..	50,428	10,379	60,807
Grand Total	..	86,426	12,068	98,494

## 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.
<i>Direct Charges.</i>	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.		Rs.
Works.. ..	9,86,285	58,762	10,45,047	68,227	3,76,600	3,08,373	11,13,274		
Establishment .. ..	1,87,250	12,083	1,99,333	36,768	95,986	58,318	2,36,101		
Tools and plant.. ..	6,71,389	2,336	6,73,725	87	6,955	6,868	6,73,812		
Suspense account .. ..	..	..	..	..	..	..	..		
Total ..	18,44,924	73,181	19,18,105	1,05,082	4,78,641	3,73,559	20,23,187		
<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	1,04,969	4,78,641	3,73,672	20,22,697	Mis. 50 I., dated 19th Feb. 1919.	1,720
<i>Indirect Charges.</i>									
Capitalized abatement of land revenue.	379	3,941	4,320	..	..	..	4,320	Mis. 53 I., dated 21st Feb. 1919.	2,300
Leave and pension allowances .. ..	26,215	1,692	27,907	5,147	..	— 5,147	33,054	Mis. 145 I., dated 7th May 1921.	1,560
Audit and accounts .. ..	..	23	23	290	..	— 290	313	Mis. 288 I., dated 20th June 1918.	5,770
Total ..	26,594	5,656	32,250	5,437	..	— 5,437	37,687	Mis. 220 I., dated 20th October 1918.	1,830
Grand Total ..	18,71,141	78,837	19,49,978	1,10,406	4,78,641	3,68,235	20,60,384	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. 124 I., dated 11th April 1922.	2,850
								Total ..	3,76,600

PENNER RIVER CANALS SYSTEM—*Canal Project.*

## No. 2.—Capital Account for and to end of 1922-1923.

Heads of account.	DIRECT CHARGES.			Cost of construction as now estimated (construction estimate closed on 31st March 1894).	Expenditure against closed estimate.
	Previous.	1922-1923.	Total.		
1	2	3	4	5	6
<b>I. WORKS—</b>	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
<b>Total ..</b>	<b>8,71,273</b>	<b>..</b>	<b>8,71,273</b>	<b>8,71,273</b>	<b>8,71,273</b>
(2) <i>Main Canals and Branches—</i>					
A. Preliminary expenses .. ..	506	..	506	506	506
B. Land .. ..	3,92,241	..	3,92,241	3,87,208	3,87,208
D. Regulators .. ..	2,13,087	..	2,13,572	2,14,182	2,12,582
E. Falls and weirs .. ..	36,643	485	36,643	36,643	36,643
F. River and hill torrent works	1,559	..	1,559	1,559	1,559
F. (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 .. ..	17,967	4,014	21,981	27,109	17,789
K. Buildings .. ..	18,442	..	18,442	18,442	18,442
L. Earthwork .. ..	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
<b>Total ..</b>	<b>15,64,391</b>	<b>4,499</b>	<b>15,73,890</b>	<b>15,76,901</b>	<b>15,65,981</b>
<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
<b>Total ..</b>	<b>77,965</b>	<b>..</b>	<b>77,965</b>	<b>77,965</b>	<b>77,965</b>
(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	..	4,62,950	4,64,608	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
<b>Total ..</b>	<b>12,42,455</b>	<b>..</b>	<b>12,42,455</b>	<b>12,60,407</b>	<b>12,51,307</b>
(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
<b>Total ..</b>	<b>3,33,983</b>	<b>..</b>	<b>3,33,983</b>	<b>3,21,704</b>	<b>3,21,704</b>
(5) <i>Special tools and plant—</i>					
Total outlay on current sanctions	40,95,067	4,499	40,99,566	41,08,250	40,88,230
Old outlay .. ..	5,26,117	..	5,26,117	5,26,117	5,26,117
<b>Total, Works ..</b>	<b>46,21,184</b>	<b>4,499</b>	<b>46,25,683</b>	<b>46,34,367</b>	<b>46,14,347</b>
II. ESTABLISHMENT .. ..	9,58,193	2,511	9,60,704	9,62,757	9,57,921
III. TOOLS AND PLANT .. ..	1,44,246	29	1,44,275	1,44,544	1,44,207
<b>Grand Total ..</b>	<b>57,23,623</b>	<b>7,039</b>	<b>57,30,662</b>	<b>57,41,668</b>	<b>57,16,475</b>
V. <i>Loss—RECEIPTS ON CAPITAL ACCOUNT</i> .. ..	2,858	..	2,858	2,858	2,858
<b>Net Total ..</b>	<b>57,20,765</b>	<b>7,039</b>	<b>57,27,804</b>	<b>57,38,810</b>	<b>57,13,617</b>
<i>Apportionment—</i>					
Chargeable to 49. Irrigation .. ..	57,19,935	..	57,19,935	..	..
Chargeable to 55-A. Irrigation—1. Productive.	830	7,039	7,869	..	..
<b>Total ..</b>	<b>57,20,765</b>	<b>7,039</b>	<b>57,27,804</b>	<b>..</b>	<b>..</b>

PENNER RIVER CANALS SYSTEM—*Canal Project.*  
No. 3.—Revenue Account for and to end of 1922-1923.

Receipts.	TOTAL.			Charges.	TOTAL.		
	Previous.	1922-1923.	Total.		Previous.	1922-1923.	Total.
<b>I. DIRECT RECEIPTS—</b>	RS.	RS.	RS.	<b>I. EXTENSIONS AND IMPROVEMENTS—</b>	RS.	RS.	RS.
5. Receipts from plantations ..	1,886	..	1,886	(1) Head works .. .. .	13,687	196	13,882
6. Receipts from other canal produce ..	72,281	1,863	74,144	(2) Main canals and branches ..	97,870	305	97,675
9. Rents of buildings ..	9,924	639	10,563	(3) Distributaries .. .. .	2,45,562	1,872	2,47,434
10. Fines .. .. .	11	..	11	(4) Drainage and protective works ..	21,423	..	21,423
11. Miscellaneous .. .. .	6,578	957	7,535	(5) Special tools and plant ..	— 207	..	— 207
<i>Deduct—Refunds .. .. .</i>	7	40	47	<i>Add—Unclassifiable outlay ..</i>	8,370	..	8,370
<b>Total, Revenue realized in Public Works Department .. .. .</b>	90,673	3,419	94,092	<b>Total .. .. .</b>	3,86,205	2,372	3,88,577
<b>Irrigation revenue realized in Civil Department ..</b>	1,54,29,822	5,50,719	1,59,80,541	<b>II. MAINTENANCE AND REPAIRS—</b>			
<b>Total, Direct Receipts .. .. .</b>	1,55,20,495	6,54,138	1,60,74,633	(1) Head works .. .. .	4,01,673	10,072	4,11,745
<b>II. INDIRECT RECEIPTS—</b>				(2) Main canals and branches ..	9,35,832	56,901	9,92,733
Share of land revenue collected in the Civil Department ..	19,68,946	60,219	20,29,165	(3) Distributaries .. .. .	9,93,218	24,597	10,17,815
<b>Total, Public Works and Civil Departments, Revenue .. .. .</b>	1,74,89,441	6,14,357	1,81,03,798	(4) Drainage and protective works ..	81,550	6,210	87,760
				(5) Special tools and plant ..	548	1	549
				<i>Add—Unclassifiable outlay ..</i>	23,236	..	23,236
				<b>Total .. .. .</b>	24,36,057	97,781	25,33,838
				<b>III. COMPENSATION .. .. .</b>	7,390	..	7,390
				<b>Total, Extensions and Improvements and Maintenance and Repairs ..</b>	28,29,652	1,00,153	29,29,805
				<b>IV. ESTABLISHMENT .. .. .</b>	14,33,821	55,896	14,89,517
				<b>V. TOOLS AND PLANT .. .. .</b>	28,593	634	29,227
				<b>VI. REFUNDS OF REVENUE .. .. .</b>	1,907	..	1,907
				<b>Total, Direct Charges .. .. .</b>	42,93,773	1,56,683	44,50,456
				<b>Share of collection charges in the Civil Department .. .. .</b>	8,96,387	29,891	9,26,278
				<b>Indirect charges .. .. .</b>	2,47,919	8,827	2,56,746
				<b>Total, Direct and Indirect Charges ..</b>	54,38,079	1,95,401	56,33,480
				<i>* Deduct—Old maintenance charges saved to Government ..</i>	19,12,128	49,003	19,61,131
				<b>Net Total .. .. .</b>	35,25,951	1,46,398	36,72,349
				<b>Balance, net revenue .. .. .</b>	1,89,63,490	4,67,959	1,44,31,449
<b>Total, Receipts .. .. .</b>	1,74,89,441	6,14,357	1,81,03,798	<b>Grand Total .. .. .</b>	1,74,89,441	6,14,357	1,81,03,798

* Direct--						RS.
Extensions and improvements .. .. .	..	..	..	..	..	3,909
Maintenance and repairs .. .. .	..	..	..	..	..	25,744
Establishment .. .. .	..	..	..	..	..	16,549
Tools and plant .. .. .	..	..	..	..	..	188
				<b>Total .. .. .</b>		46,390
Indirect .. .. .	..	..	..	..	..	2,613
				<b>Total, Direct and Indirect .. .. .</b>		49,003

No. 4.—Interest Account for and to end of 1922-1923.

	Amount.		Amount.
	RS.		RS.
Total interest charges to end of 1921-1922 .. .. .	82,59,959	Net revenue realized to end of 1921-1922 .. .. .	1,39,63,490
Total interest charges for the year 1922-1923 .. .. .	1,91,023	Net revenue realized during 1922-1923 .. .. .	4,67,859
Balance, net revenue .. .. .	59,80,467		..
<b>Total .. .. .</b>	1,44,31,449	<b>Total .. .. .</b>	1,44,31,449

## IRRIGATION BRANCH.

## PUBLIC WORKS DEPARTMENT.

PENNER RIVER CANALS SYSTEM—*Canal Project.*  
 No. 5.—Account of Indirect Charges for and to end of 1922-1923.

Particulars.		Previous.	1922-1923.	Total.
<b>CAPITAL—</b>		RS.	RS.	RS.
Capitalization of abatement of land revenue	.. ..	8,56,767	..	8,56,767
Leave and pension allowances	.. ..	1,56,461	351	1,56,812
Audit and accounts	.. ..	7	45	52
Total ..		10,13,235	396	10,13,631
<b>REVENUE—</b>		RS.	RS.	RS.
Capitalization of abatement of land revenue	.. ..	32,761	..	32,761
Leave and pension allowances	.. ..	2,14,178	7,826	2,22,004
Audit and accounts	.. ..	980	1,001	1,981
Total ..		2,47,919	8,827	2,56,746
Grand Total ..		12,61,154	9,223	12,70,377

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 .. ..	37,49,097	8,65,250	46,14,347	11,336	20,020	8,684	46,25,683		
Establishment .. ..	8,05,532	1,52,389	9,57,921	2,783	4,836	2,053	9,60,704		
Tools and plant .. ..	1,42,971	1,236	1,44,207	68	337	269	1,44,275		
Suspense account .. ..	..	..	..	..	..	..	..		
Total ..	46,97,600	10,18,875	57,16,475	14,187	25,193	11,006	57,30,662		
<i>Less—Receipts on Capital Account .. ..</i>	55	2,803	2,858	..	..	..	2,858		
Net Total ..	46,97,545	10,16,072	57,13,617	14,187	25,193	11,006	57,27,804	Mis. 382 I., 12th Sep. 1917.	2,460
<i>Indirect Charges.</i>									
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	388	..	—388	1,56,812	Mis. 81 I., 26th March 1919.	1,280
Audit and accounts .. ..	..	..	..	62	..	— 52	52	Mis. 333 I., 29th Oct. 1920.	1,600
Total ..	9,34,838	78,353	10,13,191	440	..	—440	10,13,631	Mis. 352 I., 7th Sep. 1921.	9,320
Grand Total ..	56,32,383	10,94,425	67,26,808	14,627	25,193	10,566	67,41,435	Mis. 397 I., 18th Oct. 1921.	1,360
								Mis. 501 I., 19th Dec. 1921.	4,000
								Total ..	20,020

## ADMINISTRATIVE ACCOUNTS FOR THE YEAR 1922-23.

## MADRAS PRESIDENCY.

ARKENKOTA CHANNEL—*Canal Project.*

## No. 2.—Capital Account for and to end of 1922-1923.

Heads of account.	DIRECT CHARGES.			Cost of construction as now estimated (construction estimate closed on 31st March 1894).	Expenditure against closed estimate.
	Previous.	1922-1923.	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
E. (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.'

## IRRIGATION BRANCH.

## PUBLIC WORKS DEPARTMENT.

ARRENKOTA CHANNEL—*Canal Project.*  
No. 3.—Revenue Account for and to end of 1922-1923.

Receipts.	TOTAL.			Charges.	TOTAL.		
	Previous.	1922-1923.	Total.		Previous.	1922-1923.	Total.
<b>I. DIRECT RECEIPTS—</b>	RS.	RS.	RS.	<b>I. EXTENSIONS AND IMPROVEMENTS—</b>	RS.	RS.	RS.
Plantations .. .. .	433	..	433	(1) Head works .. .. .	164	200	364
Receipts from other canal produce .. .. .	693	..	693	(2) Main canals and branches .. .. .	8,268	..	8,268
Fines .. .. .	1	..	1	(3) Distributaries .. .. .	882	..	882
Miscellaneous .. .. .	3,364	560	3,924	(4) Drainage and protective works .. .. .	..	..	..
				(5) Special tools and plant .. .. .	..	..	..
				<i>Add—Unclassifiable outlay</i> .. .. .	11,475	..	11,475
<b>Total, Revenue realized in Public Works Department .. .. .</b>	<b>4,491</b>	<b>560</b>	<b>5,051</b>	<b>Total .. .. .</b>	<b>20,789</b>	<b>200</b>	<b>20,989</b>
<b>Irrigation Revenue realized in Civil Department .. .. .</b>	<b>6,09,527</b>	<b>17,754</b>	<b>6,27,281</b>	<b>II. MAINTENANCE AND REPAIRS—</b>			
				(1) Head works .. .. .	297	..	297
				(2) Main canals and branches .. .. .	1,01,737	6,507	1,08,244
				(3) Distributaries .. .. .	2,514	..	2,514
				(4) Drainage and protective works .. .. .	..	..	..
				(5) Special tools and plant .. .. .	..	..	..
				<i>Add—Unclassifiable outlay</i> .. .. .	1,73,223	..	1,73,223
<b>Total, Direct Receipts.</b>	<b>6,14,018</b>	<b>18,314</b>	<b>6,32,332</b>	<b>Total .. .. .</b>	<b>2,77,771</b>	<b>6,507</b>	<b>2,84,278</b>
<b>II. INDIRECT RECEIPTS—</b>				<b>Total, Extensions and Improvements and Maintenance and Repairs .. .. .</b>	<b>2,98,560</b>	<b>6,707</b>	<b>3,05,267</b>
Share of Land Revenue collected in the Civil Department .. .. .	19,817	410	20,227	<b>IV. ESTABLISHMENT .. .. .</b>	<b>70,052</b>	<b>2,458</b>	<b>72,510</b>
				<b>V. TOOLS AND PLANT .. .. .</b>	<b>144</b>	<b>60</b>	<b>204</b>
				<b>VI. REFUNDS OF REVENUE .. .. .</b>	<b>43</b>	<b>..</b>	<b>43</b>
<b>Total, Public Works and Civil Departments, Revenue .. .. .</b>	<b>6,33,835</b>	<b>18,724</b>	<b>6,52,559</b>	<b>Total, Direct Charges .. .. .</b>	<b>3,68,799</b>	<b>9,225</b>	<b>3,78,024</b>
				Share of collection charges in the Civil Department .. .. .	31,469	908	32,377
				Indirect Charges .. .. .	9,810	411	10,261
				<b>Total, Direct and Indirect Charges .. .. .</b>	<b>4,10,108</b>	<b>10,544</b>	<b>4,20,652</b>
<b>Total, Receipts .. .. .</b>	<b>6,33,835</b>	<b>18,724</b>	<b>6,52,559</b>	<i>Deduct—Old maintenance charge saved to Government* .. .. .</i>	<i>11,764</i>	<i>1,283</i>	<i>13,047</i>
				<b>Balance, net revenue .. .. .</b>	<b>3,98,344</b>	<b>9,261</b>	<b>4,07,605</b>
				<b>Net Total .. .. .</b>	<b>2,35,491</b>	<b>9,463</b>	<b>2,44,954</b>
				<b>Grand Total .. .. .</b>	<b>6,33,835</b>	<b>18,724</b>	<b>6,52,559</b>

* Direct—		Rs.	
Extensions and improvements .. .. .	..	793	..
Maintenance and repairs .. .. .	..	100	..
Establishment .. .. .	..	327	..
Tools and plant .. .. .	..	8	..
		<b>1,228</b>	
<b>Indirect .. .. .</b>	<b>..</b>	<b>55</b>	<b>..</b>
		<b>1,283</b>	

## No. 4.—Interest Account for and to end of 1922-1923.

	Amount.		Amount.
<b>Total interest charges to end of 1921-1922 .. .. .</b>	<b>Rs. 2,32,286</b>	<b>Net revenue realized to end of 1921-1922 .. .. .</b>	<b>Rs. 2,35,491</b>
<b>Total interest charges for the year 1922-1923 .. .. .</b>	<b>4,681</b>	<b>Net revenue realized during 1922-1923 .. .. .</b>	<b>9,463</b>
<b>Balance, net revenue .. .. .</b>	<b>7,987</b>		
<b>Total .. .. .</b>	<b>2,44,954</b>	<b>Total .. .. .</b>	<b>2,44,954</b>

## No. 5.—Account of Indirect Charges for and to end of 1922-1923.

Particulars.	Previous.	1922-1923.	Total.
	RS.	RS.	RS.
<b>CAPITAL—</b>			
Leave and pension allowances .. .. .	3,676	..	3,676
<b>Total .. .. .</b>	<b>3,676</b>	<b>..</b>	<b>3,676</b>
<b>REVENUE—</b>			
Leave and pension allowances .. .. .	9,801	344	10,145
Audit and accounts .. .. .	39	67	106
<b>Total .. .. .</b>	<b>9,840</b>	<b>411</b>	<b>10,261</b>
<b>Grand Total .. .. .</b>	<b>13,516</b>	<b>411</b>	<b>13,927</b>

## ARANKOTA 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.
<i>Direct Charges.</i>	RS.	RS.	RS.				RS.		RS.
Works .. .. .	81,578	32,927	1,14,505	..	..	..	1,14,505		
Establishment .. ..	18,760	7,504	26,264	..	..	..	26,264		
Tools and plant .. ..	..	..	..	..	..	..	..		
Suspense account .. ..	..	..	..	..	..	..	..		
Total .. .. .	1,00,338	40,431	1,40,769	..	..	..	1,40,769		
<i>Less—Receipts on capital account .. ..</i>	..	..	..	..	..	..	..		
Net Total .. .. .	1,00,338	40,431	1,40,769	..	..	..	1,40,769		
<i>Indirect Charges.</i>									
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 1922-1923.

Heads of account.	DIRECT CHARGES.			Cost of construction as now estimated (construction estimate closed in 1892).	Expenditure against closed estimate.
	Previous.	1922-1923.	Total.		
	RS.		RS.	RS.	RS.
<b>I. WORKS—</b>					
(1) <i>Head Works—</i>					
C. Works .. .. .	73,406	..	73,406	73,406	73,406
Total .. .. .	73,406	..	73,406	73,406	73,406
(2) <i>Main Canals and Branches—</i>					
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) <i>Distributaries—</i>					
B. Land .. .. .	..	..	..	..	..
C. Works .. .. .	355	..	355	355	355
L. Earthwork .. ..	17,275	..	17,275	17,275	17,275
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 1922-1923.

Receipts.	TOTAL.			Charges.	TOTAL.		
	Previous.	1922-1923.	Total.		Previous.	1922-1923.	Total.
<b>I. DIRECT RECEIPTS—</b>	RS.	RS.	RS.	<b>I. EXTENSIONS AND IMPROVEMENTS—</b>	RS.	RS.	RS.
5. Receipts from plantations ..	2,564	..	2,564	(1) Head works .. ..	4,605	70	4,676
6. Receipt from other canal produce ..	4,826	..	4,826	(2) Main canals and branches ..	26,347	405	26,752
9. Rents of buildings.	835	69	904	(3) Distributaries .. ..	8,199	..	8,199
11. Miscellaneous ..	18,657	1,341	19,998	(4) Drainage and protective works.	..	..	..
				(5) Special tools and plant ..	74	..	74
				<i>Add—Unclassified outlay ..</i>	7,725	..	7,725
				Total ..	46,952	475	47,427
Total, Revenue realized in Public Works Department ..	26,882	1,410	28,292	<b>II. MAINTENANCE AND REPAIRS—</b>			
Irrigation Revenue realized in Civil Department ..	18,48,75	60,894	19,09,644	(1) Head works .. ..	21,995	6,855	28,850
				(2) Main canals and branches ..	2,07,556	7,982	2,15,538
				(3) Distributaries .. ..	8,627	..	8,627
				(4) Drainage and protective works.	..	..	..
				(5) Special tools and plant ..	..	..	..
				<i>Add—Unclassifiable outlay ..</i>	1,99,673	..	1,99,673
				Total ..	4,37,851	14,837	4,52,688
Total, Direct Receipts ..	18,75,632	62,304	19,37,936	Total, Extensions and Improvements and Maintenance and Repairs ..	4,84,803	15,312	5,00,115
<b>II. INDIRECT RECEIPTS—</b>				IV. ESTABLISHMENT .. ..	1,15,116	5,614	1,20,730
Share of Land Revenue collected in the Civil Department ..	1,56,082	2,900	1,58,982	V. TOOLS AND PLANT .. ..	978	136	1,114
				VI. REFUNDS OF REVENUE .. ..	22	..	22
				Total, Direct Charges ..	6,00,919	21,062	6,21,981
Total, Public Works and Civil Departments, Revenue ..	20,31,714	65,204	20,96,918	Share of collection charges in the Civil department .. ..	1,00,241	3,190	1,03,431
				Indirect charges .. ..	16,173	939	17,112
				Total, Direct and Indirect Charges ..	7,17,333	25,191	7,42,524
				<i>Deduct—Old maintenance charges saved to Government* ..</i>	47,032	6,129	52,161
				Net Total ..	6,70,301	20,062	6,90,363
				Balance, net revenue .. ..	13,61,413	45,142	14,06,555
Total, Receipts ..	20,31,714	65,204	20,96,918	Grand Total ..	20,31,714	65,204	20,96,918

\* Direct—

Extensions and improvements .. ..	RS.	3,569
Maintenance and charges .. ..	..	..
Establishment .. ..	..	1,309
Tools and plant .. ..	..	32
		4,910
Indirect .. ..	..	219
		5,129

## No. 4.—Interest Account for and to end of 1922-1923.

	Amount.		Amount.
Total interest charges to end of 1921-1922 ..	RS. 2,65,295	Net revenue realized to end of 1921-1922 ..	RS. 13,61,413
Total interest charges for the year 1922-1923 ..	5,478	Net revenue realized during 1922-1923 ..	45,142
Balance, net revenue .. ..	11,35,782		
Total ..	14,06,555	Total ..	14,06,555

## No. 5.—Account of Indirect Charges for and to end of 1922-1923.

Particulars.	Previous.	1922-1923.	Total.
<b>CAPITAL—</b>			
Capitalization of abatement of Land Revenue .. ..	RS. 6,915	RS. ..	RS. 6,915
Leave and pension allowances .. ..	4,135	..	4,135
Total ..	11,050	..	11,050
<b>REVENUE—</b>			
Leave and pension allowances .. ..	16,072	786	16,858
Audit and accounts .. ..	101	153	254
Total ..	16,173	939	17,112
Grand Total ..	27,223	939	28,162

## 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.
<i>Direct Charges.</i>	RS.	RS.	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		
<i>Less—Receipts on capital account ..</i>	..	..	..	..	..	..	..		
Net Total ..	87,203	77,552	1,64,755	..	..	..	1,64,755		
<i>Indirect Charges.</i>									
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 1922-1923.

Heads of account.	DIRECT CHARGES.			Cost of construction as now estimated (construction estimate closed in 1893).	Expenditure against closed estimate.
	Previous.	1922-1923.	Total.		
<b>I. WORKS—</b>	RS.		RS.	RS.	RS.
(1) <i>Head Works—</i>					
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) <i>Main Canals and Branches—</i>					
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
<b>II. ESTABLISHMENT</b> ..	32,191	..	32,191	32,191	32,191
<b>III. TOOLS AND PLANT</b> ..	..	..	..	..	..
* Grand Total ..	1,75,980	..	1,75,980	1,75,980	1,75,980

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

## IRRIGATION BRANCH.

## PUBLIC WORKS DEPARTMENT.

## KALINGAROYEN CHANNEL—Canal Project.

## No. 3.—Revenue Account for and to end of 1922-1923.

Receipts.	TOTAL.			Charges.	TOTAL.		
	Previous.	1922-1923.	Total.		Previous.	1922-1923.	Total.
<b>I. DIRECT RECEIPTS—</b>	RS.	RS.	RS.	<b>I. EXTENSIONS AND IMPROVEMENTS—</b>	RS.	RS.	RS.
5. Receipts from plantations .. ..	3,290	..	3,290	(1) Head works .. ..	2,665	..	2,665
6. Receipts from other canal produce ..	10,737	..	10,737	(2) Main canals and branches ..	17,629	4	17,633
9. Rents of buildings.	530	13	543	(3) Distributaries .. ..	280	..	280
11. Miscellaneous .. ..	27,414	2,260	29,674	(4) Drainage and protective works ..	..	..	..
				(5) Special tools and plant ..	..	..	..
				Add—Unclassifiable outlay ..	11,569	..	11,569
Total, Revenue realized in Public Works Department .. ..	41,971	2,273	44,244	Total .. ..	32,043	4	32,047
Irrigation revenue realized in Civil Department .. ..	12,29,750	43,997	12,73,747	<b>II. MAINTENANCE AND REPAIRS—</b>			
Total, Direct Receipts ..	12,71,721	46,270	13,17,991	(1) Head works .. ..	68,618	1,150	69,768
<b>II. INDIRECT RECEIPTS—</b>				(2) Main canals and branches ..	1,98,776	6,608	2,05,384
Share of land revenue collected in the Civil Department .. ..	21,790	483	22,273	(3) Distributaries .. ..	..	..	..
				(4) Drainage and protective works ..	..	..	..
Total, Public Works and Civil Departments, Revenue .. ..	12,93,511	46,753	13,40,264	(5) Special tools and plant ..	— 50	..	— 50
				Add—Unclassifiable outlay ..	3,53,846	..	3,53,846
				Total .. ..	6,21,190	7,758	6,28,948
				Total, Extensions and Improvements and Maintenance and Repairs ..	6,53,233	7,762	6,60,995
				<b>IV. ESTABLISHMENT .. ..</b>	1,56,197	2,846	1,59,043
				<b>V. TOOLS AND PLANT .. ..</b>	1,103	69	1,172
				<b>VI. REFUNDS OF REVENUE .. ..</b>	243	..	243
				Total, Direct Charges .. ..	8,10,779	10,677	8,21,456
				Share of collection charges in the Civil Department .. ..	62,578	2,224	64,802
				Indirect charges .. ..	21,926	477	22,403
				Total, Direct and Indirect Charges ..	8,95,283	13,378	9,08,661
				Deduct—Old maintenance charges saved to Government (a) .. ..	52,602	5,736	58,338
				Net Total .. ..	8,42,681	7,642	8,50,323
				Balance, net revenue .. ..	4,50,830	39,111	4,89,941
<b>Total, Receipts ..</b>	<b>12,93,511</b>	<b>46,753</b>	<b>13,40,264</b>	Grand Total .. ..	<b>12,93,511</b>	<b>46,753</b>	<b>13,40,264</b>

(a) Direct—		RS.
Extensions and improvements .. ..	.. ..	3,992
Maintenance and repairs .. ..	.. ..	..
Establishment .. ..	.. ..	1,464
Tools and plant .. ..	.. ..	35
		5,491
Indirect .. ..	.. ..	245
		5,736

## No. 4.—Interest Account for and to end of 1922-1923.

	Amount.		Amount.
	RS.		RS.
Total interest charges to end of 1921-1922 .. ..	1,91,204	Net revenue realized to end of 1921-1922 .. ..	4,50,830
Total interest charges for the year 1922-1923 .. ..	5,852	Net revenue realized during 1922-1923 .. ..	39,111
Balance, net revenue .. ..	2,92,885		
<b>Total ..</b>	<b>4,89,941</b>	<b>Total ..</b>	<b>4,89,941</b>

## KALINGAROYEN CHANNEL—Canal Project.

## No. 5.—Account of Indirect Charges for and to end of 1922-1923.

Particulars.	Previous.	1922-1923.	Total.
<b>CAPITAL—</b>	Rs.	Rs.	Rs.
Leave and pension allowances ... ..	4,506	...	4,506
Total ...	4,506	...	4,506
<b>REVENUE—</b>			
Leave and pension allowances .. ..	21,834	399	22,233
Audit and accounts ... ..	92	78	170
Total ...	21,526	477	22,403
Grand Total ...	26,432	477	26,909

## 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 1922-1923.

Heads of account.	DIRECT CHARGES.			Cost of construction as now estimated (construction estimate closed on 31st March 1896).	Expenditure against estimate.
	Previous.	1922-1923.	Total.		
<b>WORKS—</b>	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 ...	4,37,275	...	4,37,276	4,37,276	4,37,276
(3) <i>Distributaries—</i>					
B. Land ... ..	7,776	...	7,776	7,776	7,776
C. Works ... ..	82,119	...	82,119	82,119	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	1,68,261	1,68,261
(5) Special tools and plant ... ..	...	...	...	...	...
Provision for unforeseen works ... ..	...	...	...	...	...
Total outlay on current sanctions ... ..	8,16,120	...	8,16,120	8,16,120	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	18,43,098	18,43,098
II. ESTABLISHMENT ... ..	4,67,188	...	4,67,188	4,67,188	4,67,188
III. TOOLS AND PLANT ... ..	29,930	...	29,930	29,930	29,930
Grand Total ...	23,40,216	...	23,40,216	23,40,216	23,40,216
V. <i>Less—RECEIPTS ON CAPITAL ACCOUNT</i> ... ..	567	...	567	567	567
Net Total ...	23,39,649	...	23,39,649	23,39,649	23,39,649
Chargeable to 43. Provincial—Irrigation ... ..	23,36,184	...	23,36,184	...	...
Do. to 55-A. Irrigation Works—2. Unproductive. ... ..	3,465	...	3,465	...	...
Total ...	23,39,649	...	23,39,649	...	...

## ADMINISTRATIVE ACCOUNTS FOR THE YEAR 1922-23.

## MADRAS PRESIDENCY.

## PALAR ANICUT SYSTEM—Canal Project.

## No. 3.—Revenue Account for and to end of 1922-1923.

Receipts.	TOTAL.			Charges.	TOTAL.		
	Previous.	1922-1923.	Total.		Previous.	1922-1923.	Total.
<b>I. DIRECT RECEIPTS—</b>	RS.	RS.	RS.	<b>I. EXTENSIONS AND IMPROVEMENTS—</b>	RS.	RS.	RS.
5. Receipts from plantations ..	15,754	429	16,183	(1) Head works .. .. .	2,11,176	..	2,11,176
6. Receipts from other canal produce ..	43,091	62	43,153	(2) Main canals and branches ..	1,71,917	937	1,72,854
9. Rents of buildings.	2,373	150	2,523	(3) Distributaries .. .. .	2,14,757	4,054	2,18,811
10. Fines .. .. .	64	..	64	(4) Drainage and protective works ..	340	..	340
11. Miscellaneous .. .. .	29,223	112	29,335	(5) Special tools and plant .. .. .	..	..	..
Deduct refund .. .. .	1	..	1	Add—Unclassifiable outlay .. .. .	32,342	..	32,342
				Total .. .. .	6,30,532	4,991	6,35,523
Total, Revenue realized in Public Works Department .. .. .	90,504	753	91,257	<b>II. MAINTENANCE AND REPAIRS—</b>			
Irrigation Revenue realized in Civil Department .. .. .	63,46,860	2,31,199	65,78,059	(1) Head works .. .. .	1,42,975	1,329	1,44,304
Total, Direct Receipts .. .. .	64,37,364	2,31,952	66,69,316	(2) Main canals and branches .. .. .	10,01,267	6,141	10,07,408
				(3) Distributaries .. .. .	8,34,759	28,241	8,63,000
<b>II. INDIRECT RECEIPTS—</b>				(4) Drainage and protective works ..	5,742	..	5,742
Share of land revenue collected in the Civil Department .. .. .	9,46,778	16,815	9,63,593	(5) Special tools and plant .. .. .	..	..	..
Total, Public Works and Civil Departments, Revenue .. .. .	73,84,142	2,48,767	76,32,909	Add—Unclassifiable outlay .. .. .	99,655	..	99,655
				Total .. .. .	20,84,398	35,711	21,20,109
				Total, Extensions and Improvements and Maintenance and Repairs .. .. .	27,14,930	40,702	27,55,632
				<b>IV. ESTABLISHMENT .. .. .</b>	6,97,451	13,367	7,10,818
				<b>V. TOOLS AND PLANT .. .. .</b>	15,907	615	16,522
				<b>VI. REFUNDS OF REVENUE .. .. .</b>	10,393	..	10,393
				Total, Direct Charges .. .. .	34,38,681	54,684	34,93,365
				Share of collection charges in the Civil Department .. .. .	3,97,948	12,350	4,10,298
				Indirect charges .. .. .	1,14,653	2,278	1,16,931
				Total, Direct and Indirect Charges .. .. .	39,51,282	69,312	40,20,594
				Deduct—Old maintenance charges saved to Government * .. .. .	2,74,730	4,168	2,78,898
				Net Total .. .. .	36,76,552	65,144	37,41,696
				Balance, net revenue .. .. .	37,07,590	1,83,623	38,91,213
Total, Receipts .. .. .	73,84,142	2,48,767	76,32,909	Grand Total .. .. .	73,84,142	2,48,767	76,32,909

* Extensions and Improvements	..	..	..	..	..	RS.
Maintenance and Repairs	..	..	..	..	..	178
Establishment	..	..	..	..	..	2,909
Tools and Plant	..	..	..	..	..	858
						72
				Total, Direct Charges	..	4,017
Indirect Charges	..	..	..		..	151
				Grand Total	..	4,168

## No. 4.—Interest Account for and to end of 1922-1923.

	Amount.			Amount.	
	RS.	RS.		RS.	RS.
Total interest charges to end of 1921-22 ..	41,88,622		Net revenue realized to end of 1921-1922 ..	37,07,590	
Total interest charges for the year 1922-1923 ..	78,154		Net revenue realized during 1922-1923 ..	1,83,623	
			Balance, net interest charges ..	3,75,563	
Total ..	42,66,776		Total ..	42,66,776	

## IRRIGATION BRANCH.

## PUBLIC WORKS DEPARTMENT:

## PALAR ANICUT SYSTEM—Canal Project.

No. 5.—Account of Indirect Charges for and to end of 1922–1923.

Particulars.	Previous.	1922–1923.	Total.
	Rs.	Rs.	Rs.
<b>CAPITAL—</b>			
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
<b>REVENUE—</b>			
Capitalization of abatement of land revenue ... ..	2,554		2,554
Leave and pension allowances ... ..	1,11,718	1,871	1,13,589
Audit and accounts ... ..	381	407	788
Total ...	1,14,653	2,278	1,16,931
Grand Total ...	2,31,758	2,278	2,34,036

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	...	...	...	18,43,098		
Establishment ... ..	3,99,070	68,118	4,67,188	...	...	...	4,67,188		
Tools and plant ... ..	29,875	55	29,930	...	...	...	29,930		
Suspense account ... ..	...	...	...	...	...	...	...		
Total ...	19,51,823	3,88,393	23,40,216	...	...	...	23,40,216		
Less—Receipts on Capital Account...	...	567	567	...	...	...	567		
Net Total ...	19,51,823	3,87,826	23,39,649	...	...	...	23,39,649		
<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	3,99,901	24,56,754	...	...	...	24,56,754		

CHEMBRAMBAUKAM TANK—*Tank Project.*

## No. 2.—Capital Account for and to end of 1922-1923.

Heads of account.	DIRECT CHARGES.			Cost of construction as now estimated (construction estimate closed on 31st March 1893).	Expenditure against closed estimate.
	Previous.	1922-1923.	Total.		
I. WORKS—	Rs.	Rs.	Rs.	Rs.	Rs.
(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	...	6,49,8 9	...	...
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 1922-1923.

Receipts.	TOTAL.			Charges	TOTAL.		
	Previous.	1922-1923.	Total.		Previous.	1922-1923.	Total.
<b>I. DIRECT RECEIPTS—</b>	RS.	RS.	RS.	<b>I. EXTENSIONS AND IMPROVEMENTS—</b>	RS.	RS.	RS.
5. Receipts from plantations ..	272	116	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.	400	19	419	(3) Distributaries .. .. .	4,448	..	4,448
10. Fines .. .. .	5	..	5	(4) Drainage and protective works ..	..	..	..
11. Miscellaneous ..	7,310	1,047	8,357	(5) Special tools and plant ..	..	..	..
<i>Deduct—Refunds ..</i>	..	5	5	Total ..	48,821	..	48,821
Total, Revenue realized in Public Works Department .. ..	10,247	1,177	11,424	<b>II. MAINTENANCE AND REPAIRS—</b>			
Irrigation Revenue realized in Civil Department .. ..	16,94,703	39,323	17,34,026	(1) Head works .. .. .	37,198	..	37,198
Total, Direct Receipts ..	17,04,950	40,500	17,45,450	(2) Main canals and branches ..	2,94,145	5,981	3,00,126
<b>II. INDIRECT RECEIPTS—</b>				(3) Distributaries .. .. .	14,907	895	15,802
Share of land revenue collected in the Civil Department ..	37,559	908	38,567	(4) Drainage and protective works ..	..	..	..
Total, Public Works and Civil Departments, Revenue ..	17,42,609	41,408	17,84,017	(5) Special tools and plant ..	..	..	..
				<i>Add—Unclassifiable outlay ..</i>	..	..	..
				Total ..	3,46,250	6,876	3,53,126
				Total, Extensions and Improvements and Maintenance and Repairs ..	3,95,071	6,876	4,01,947
				<b>IV. ESTABLISHMENT .. .. .</b>	1,04,455	1,911	1,06,366
				<b>V. TOOLS AND PLANT .. .. .</b>	1,948	160	2,108
				<b>VI. REFUNDS OF REVENUE .. .. .</b>	45	..	45
				Total, Direct Charges ..	5,01,519	8,947	5,10,466
				Share of collection charges in the Civil Department .. .. .	94,487	2,012	96,499
				Indirect charges .. .. .	17,479	336	17,815
				Total, Direct and Indirect charges ..	6,13,485	11,295	6,24,780
				<i>Deduct—Old maintenance charges saved to Government (a) .. .. .</i>	3,60,253	7,263	3,67,516
				Net Total ..	2,53,232	4,032	2,57,264
				Balance, net revenue .. .. .	14,89,377	37,376	15,26,753
<b>Total, Receipts ..</b>	<b>17,42,609</b>	<b>41,408</b>	<b>17,84,017</b>	<b>Grand Total ..</b>	<b>17,42,609</b>	<b>41,408</b>	<b>17,84,017</b>

(a) Extensions and improvements .. .. .	RS.	2,283
Maintenance and Repairs .. .. .	3,097	
Establishment .. .. .	1,495	
Tools and Plant .. .. .	125	
Total, Direct Charges ..	7,000	
Indirect charge .. .. .	263	
Grand Total ..	7,263	

## No. 4.—Interest Account for and to end of 1922-1923.

	Amount.			Amount.	
	RS.			RS.	
Total interest charges to end of 1921-1922 ..	11,94,236		Net revenue realized to end of 1921-1922 ..	14,89,377	
Total interest charges for the year 1922-1923 ..	21,919		Net revenue realized during 1922-1923 ..	37,376	
Balance, net revenue .. .. .	3,10,598				
Total ..	15,26,753		Total ..	15,26,753	

CHEMBRAMBAUKAM TANK—*Tank Project.*

## No. 5.—Account of Indirect Charges for and to end of 1922-1923.

Particulars.	Previous.	1922-1923.	Total.
<b>CAPITAL—</b>	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
<b>Total ...</b>	<b>1,12,795</b>	<b>...</b>	<b>1,12,795</b>
<b>REVENUE—</b>			
Leave and pension allowances ... ..	17,390	267	17,657
Audit and accounts ... ..	89	69	158
<b>Total ...</b>	<b>17,479</b>	<b>336</b>	<b>17,815</b>
<b>Grand Total ...</b>	<b>1,30,274</b>	<b>336</b>	<b>1,30,610</b>

## 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.		
<i>Direct Charges.</i>	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 ... ..	...	...	...	...	...	...	...	
<b>Total ...</b>	<b>6,24,539</b>	<b>26,923</b>	<b>6,51,462</b>	<b>...</b>	<b>...</b>	<b>...</b>	<b>6,51,462</b>	
<i>Less—Receipts on Capital Account ...</i>	114	...	114	...	...	...	114	
<b>Net Total ...</b>	<b>6,24,425</b>	<b>26,923</b>	<b>6,51,348</b>	<b>...</b>	<b>...</b>	<b>...</b>	<b>6,51,348</b>	
<i>Indirect Charges.</i>								
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	
<b>Total ...</b>	<b>1,12,164</b>	<b>631</b>	<b>1,12,795</b>	<b>...</b>	<b>...</b>	<b>...</b>	<b>1,12,795</b>	
<b>Grand Total ...</b>	<b>7,36,589</b>	<b>27,554</b>	<b>7,64,143</b>	<b>...</b>	<b>...</b>	<b>...</b>	<b>7,64,143</b>	



## ADMINISTRATIVE ACCOUNTS FOR THE YEAR 1922-23.

## MADRAS PRESIDENCY.

## VALLURU ANICUT SYSTEM—Canal Project.

## No. 4.—Interest Account for and to end of 1922-1923.

	Amount.		Amount.
Total interest charges to end of 1921-1922 ..	Rs. 1,30,342	Net revenue realized to end of 1921-1922 ..	Rs. 1,28,126
Total interest charges for the year 1922-1923 ..	2,705	Net revenue realized during 1922-1923 ..	— 10,342
	..	Balance, net interest charges ..	15,263
Total ..	1,33,047	Total ..	1,33,047

## No. 5.—Account of Indirect Charges for and to end of 1922-1923.

Particulars.	Previous.	1922-1923.	Total.
<b>CAPITAL—</b>	Rs.	Rs.	Rs.
Leave and pension allowances ... ..	1,916	...	1,916
Audit and accounts ... ..	...	..	...
Total ...	1,916	...	1,916
<b>REVENUE—</b>			
Leave and pension allowances ... ..	1,829	449	2,278
Audit and accounts ... ..	45	115	160
Total ...	1,874	564	2,438
Grand Total ...	3,790	564	4,354

## 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
<i>Direct Charges.</i>	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 I., 14th Feb. 1917.	9,364
<i>Less—Receipts on capital account.</i>	...	...	...	...	...	...	...		
Net Total ...	62,177	12,189	74,366	...	...	...	74,366		
<i>Indirect Charges.</i>									
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 1922–1923.

Heads of account.	DIRECT CHARGES.			Cost of construction as now estimated (construction estimate closed in 1897).	Expenditure against closed estimate.
	Previous.	1922–1923.	Total.		
<b>I. WORKS—</b>	Rs.	Rs.	Rs.	Rs.	Rs.
(1) <i>Head Works—</i>					
C. Works ... ..	74,600	3,975	78,575	78,597	52,597
Total ...	74,600	3,975	78,575	78,597	52,597
(2) <i>Main Canals and Branches—</i>					
B. Land ... ..	...	...	...	500	...
D. Regulators ... ..	1,655	...	1,655	1,596	1,596
E. Falls and weirs ... ..	...	...	...	390	...
F. River and hill torrent works ... ..	...	...	...	3,270	...
K. Buildings ... ..	3,636	...	3,636	3,636	3,636
L. Earthwork ... ..	1,34,832	2	1,34,834	1,31,874	1,22,874
N. Tanks and reservoirs ... ..	6,368	...	6,368	6,368	6,368
Total ...	1,46,491	2	1,46,943	1,47,634	1,34,474
(3) <i>Distributaries—</i>					
B. Land ... ..	...	...	...	...	...
C. Works ... ..	8,563	...	8,563	8,567	6,367
L. Earthwork ... ..	...	...	...	...	...
Total ...	8,563	...	8,563	8,567	6,367
(5) Special tools and plant ... ..	...	...	...	...	...
Total, Works ...	2,29,654	3,977	2,33,631	2,34,798	1,93,438
<b>II. ESTABLISHMENT ... ..</b>	58,879	1,458	60,337	53,407	44,383
<b>III. TOOLS AND PLANT ... ..</b>	224	35	259	625	38
Grand Total ...	2,88,757	5,470	2,94,227	2,88,830	2,37,809
<i>Apportionment—</i>					
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.	17,277	5,470	22,747	...	...
Total ...	2,88,757	5,470	2,94,227	...	...

## POINNEY ANICUT SYSTEM—Canal Project.

## No. 3.—Revenue Account for and to end of 1922-1923.

Receipts.	TOTAL.			Charges.	TOTAL.		
	Previous.	1922-1923.	Total.		Previous.	1922-1923.	Total.
<b>I. DIRECT RECEIPTS—</b>	RS.	RS.	RS.	<b>I. EXTENSIONS AND IMPROVEMENTS—</b>	RS.	RS.	RS.
5. Receipts from plantations .. .. .	3,119	98	3,217	(1) Head works .. .. .	5,231	..	5,231
6. Receipts from other canal produce ..	8,336	19	8,355	(2) Main canals and branches ..	22,729	..	22,729
9. Rents of buildings.	500	20	520	(3) Distributaries .. .. .	40,040	998	41,038
11. Miscellaneous .. .. .	4,543	..	4,543	(4) Drainage and protective works ..	49,029	..	49,029
				(5) Special tools and plant .. .. .	..	..	..
<b>Total, Revenue realized in Public Works Department .. .. .</b>	<b>16,498</b>	<b>137</b>	<b>16,635</b>	<b>Total .. .. .</b>	<b>1,17,029</b>	<b>998</b>	<b>1,18,027</b>
<b>Irrigation Revenue realized in Civil Department ..</b>	<b>23,11,993</b>	<b>70,696</b>	<b>23,82,689</b>	<b>II. MAINTENANCE AND REPAIRS—</b>			
				(1) Head works .. .. .	65,883	833	66,716
<b>Total, Direct Receipts ..</b>	<b>23,28,491</b>	<b>70,833</b>	<b>23,99,324</b>	(2) Main canals and branches ..	82,536	2,494	85,030
				(3) Distributaries .. .. .	1,82,188	8,677	1,90,865
<b>II. INDIRECT RECEIPTS—</b>				(4) Drainage and protective works ..	..	..	..
Share of Land Revenue collected in the Civil Department ..	2,80,172	5,461	2,85,633	(5) Special tools and plant .. .. .	..	..	..
				<i>Add—Unclassifiable outlay ..</i>	<i>2,76,594</i>	<i>..</i>	<i>2,76,594</i>
<b>Total, Public Works and Civil Departments, Revenue ..</b>	<b>26,08,663</b>	<b>76,294</b>	<b>26,84,957</b>	<b>Total .. .. .</b>	<b>6,07,201</b>	<b>12,004</b>	<b>6,19,205</b>
				<b>Total, Extensions and Improvements and Maintenance and Repairs .. .. .</b>	<b>7,24,230</b>	<b>13,002</b>	<b>7,37,232</b>
				<b>IV. ESTABLISHMENT .. .. .</b>	<b>2,14,004</b>	<b>4,767</b>	<b>2,18,771</b>
				<b>V. TOOLS AND PLANT .. .. .</b>	<b>687</b>	<b>116</b>	<b>803</b>
				<b>VI. REFUNDS OF REVENUE .. .. .</b>	<b>461</b>	<b>..</b>	<b>461</b>
				<b>Total, Direct Charges .. .. .</b>	<b>9,39,382</b>	<b>17,885</b>	<b>9,57,267</b>
				Share of collection charges in the Civil Department .. .. .	1,29,561	3,805	1,33,366
				Indirect charges .. .. .	30,508	797	31,305
				<b>Total, Direct and Indirect Charges ..</b>	<b>10,99,451</b>	<b>22,487</b>	<b>11,21,938</b>
				* <i>Deduct—Old maintenance charges saved to Government .. .. .</i>	<i>41,952</i>	<i>4,487</i>	<i>46,439</i>
				<b>Net Total .. .. .</b>	<b>10,57,499</b>	<b>18,000</b>	<b>10,75,499</b>
				<b>Balance, net revenue .. .. .</b>	<b>15,51,164</b>	<b>58,294</b>	<b>16,09,458</b>
<b>Total, Receipts ..</b>	<b>26,08,663</b>	<b>76,294</b>	<b>26,84,957</b>	<b>Grand Total .. .. .</b>	<b>26,08,663</b>	<b>76,294</b>	<b>26,84,957</b>

\* Direct—

Extensions and improvements .. .. .	..	..	..	..	..	RS.	3,057
Maintenance and repairs .. .. .	..	..	..	..	..		66
Establishment .. .. .	..	..	..	..	..		1,145
Tools and plant .. .. .	..	..	..	..	..		28
							<u>4,296</u>
Indirect .. .. .	..	..	..	..	..		191
							<u>4,487</u>

## IRRIGATION BRANCH.

## PUBLIC WORKS DEPARTMENT.

## POINEY ANICUT SYSTEM—Canal Project.

## No. 4.—Interest Account for and to end of 1922-1923.

	Amount.			Amount.	
	RS.			RS.	
Total interest charges to end of 1921-1922 ..	4,66,337		Net revenue realized to end of 1921-1922 ..	16,51,164	
Total interest charges for the year 1922-1923 ..	10,848		Net revenue during 1922-1923 ..	66,294	
Balance, net revenue ..	11,53,273				
Total ..	16,69,458		Total ..	16,09,458	

## No. 5.—Account of Indirect Charges for and to end of 1922-1923.

Particulars.	Previous.	1922-1923.	Total.
<b>CAPITAL—</b>	RS.	RS.	RS.
Capitalization of abatement of land revenue..	165	..	165
Leave and pension allowances .. ..	8,244	204	8,448
Audit and accounts .. ..	121	40	161
Total ..	8,530	244	8,774
<b>REVENUE—</b>			
Capitalization of abatement of land revenue..	403	..	403
Leave and pension allowances .. ..	29,959	667	30,626
Audit and accounts .. ..	146	130	276
Total ..	30,508	797	31,305
Grand Total ..	39,038	1,041	40,079

## 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 .. ..	1,83,435	10,003	1,93,438	40,193	41,360	1,167	2,33,631	322 I., 1st Aug. 1917.	2,900
Establishment .. ..	42,189	2,194	44,383	15,954	9,024	6,930	60,857	431 I., 18th Dec. 1918.	13,160
Tools and plant .. ..	..	38	38	221	587	366	259	Mis. 69 I., 2nd Mar. 1921.	26,000
Suspense account .. ..	..	..	..	..	..	..	..		
Total ..	2,25,624	12,235	2,37,859	56,368	50,971	5,397	2,94,227	Total ..	41,360
<i>Less—Receipts on capital account .. ..</i>	..	..	..	..	..	..	..		
Net Total ..	2,25,624	12,235	2,37,859	56,368	50,971	5,397	2,94,227		
<i>Indirect Charges.</i>									
Capitalized abatement of land revenue..	165	..	165	..	..	..	165		
Leave and pension allowances .. ..	5,907	307	6,214	2,234	..	2,234	8,448		
Audit and accounts .. ..	..	..	..	161	..	161	161		
Total ..	6,072	307	6,379	2,395	..	2,395	8,774		
Grand Total ..	2,31,696	12,542	2,44,238	58,763	50,971	7,792	3,03,001		

CHEYERU ANICUT SYSTEM—*Canal Project.*

## No. 2.—Capital Account for and to end of 1922-1923.

Heads of account.	DIRECT CHARGES.			Cost of construction as now estimated (construction estimate closed on 31st March 1896).	Expenditure against closed estimate.
	Previous.	1922-1923.	Total.		
<b>I. WORKS—</b>	Rs.	Rs.	Rs.	Rs.	Rs.
(1) <i>Head Works—</i>					
C. Works ... ..	56,860	...	56,860	56,860	56,860
<b>Total</b> ...	56,860	...	56,860	56,860	56,860
(2) <i>Main Canals and Branches—</i>					
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
<b>Total</b> ...	2,84,626	...	2,84,626	2,84,626	2,84,626
(3) <i>Distributaries—</i>					
B. Lands ... ..	...	...	...	15,824	...
C. Works ... ..	33,239	3,986	33,239	9,126	5,573
L. Earthwork ... ..	...	...	...	26,593	...
O. Miscellaneous ... ..	...	...	...	1,150	...
<b>Total</b> ...	33,239	3,986	37,225	52,693	5,573
(5) Special tools and plant ... ..	...	...	...	...	...
Provision for unforeseen works ... ..	...	...	...	...	...
<b>Total, Works</b> ...	3,74,725	3,986	3,78,711	3,94,179	3,47,059
II. ESTABLISHMENT ... ..	90,144	1,461	91,605	90,426	78,646
III. TOOLS AND PLANT ... ..	117	36	153	942	...
<b>Grand Total</b> ...	4,64,986	5,483	4,70,469	4,85,547	4,25,705
Less—Receipts on capital account ... ..	...	50	50	...	...
<b>Net Total</b> ...	4,64,986	5,433	4,70,419	4,85,547	4,25,705
<i>Apportionment—</i>					
Chargeable to 49. Irrigation ... ..	58,224	...	58,224	...	...
Do. 43. Irrigation—Provincial ... ..	3,98,916	...	3,98,916	...	...
Do. 55-A. Irrigation—1. Productive. ... ..	7,846	5,433	13,279	...	...
<b>Total</b> ...	4,57,140	5,433	4,70,419	...	...

## IRRIGATION BRANCH.

## PUBLIC WORKS DEPARTMENT.

CHEYERU ANICUT SYSTEM—*Canal Project.*

## No. 3.—Revenue Account for and to end of 1922-1923.

Receipts.	TOTAL.			Charges.	TOTAL.		
	Previous.	1922-1923.	Total.		Previous.	1922-1923.	Total.
	RS.	RS.	RS.		RS.	RS.	RS.
<b>I. DIRECT RECEIPTS—</b>				<b>I. EXTENSIONS AND IMPROVEMENTS—</b>			
5. Receipts from plantation .. .. .	5,027	819	5,846	(1) Head works .. .. .	10,261	..	10,261
6. Receipts from other canal produce .. .. .	9,505	161	5,665	(2) Main canals and branches .. .. .	21,684	110	21,794
9. Rents of buildings .. .. .	937	90	1,027	(3) Distributaries .. .. .	76,291	3,089	79,380
11. Miscellaneous .. .. .	8,179	..	8,179	(4) Drainage and protective works .. .. .	1,919	..	1,919
				(5) Special tools and plant .. .. .	..	..	..
				<i>Add—Unclassifiable outlay</i> .. .. .	39,441	..	39,441
				Total .. .. .	1,49,596	3,199	1,52,795
Total, Revenue realized in Public Works Department .. .. .	23,648	1,070	24,718	<b>II. MAINTENANCE AND REPAIRS—</b>			
Irrigation Revenue realized in Civil Department .. .. .	20,58,781	74,254	21,33,035	(1) Head works .. .. .	37,305	1,497	38,802
				(2) Main canals and branches .. .. .	1,16,955	5,617	1,22,572
				(3) Distributaries .. .. .	4,19,786	19,916	4,39,702
				(4) Drainage and protective works .. .. .	13,489	..	13,489
				(5) Special tools and plant .. .. .	..	..	..
				<i>Add—Unclassifiable outlay</i> .. .. .	2,78,001	..	2,78,001
				Total .. .. .	8,65,536	27,030	8,92,566
				Total, Extensions and Improvements and Maintenance and Repairs .. .. .	10,15,132	30,229	10,45,361
Total, Direct Receipts.	20,82,429	75,324	21,57,753	<b>IV. ESTABLISHMENT</b> .. .. .	2,88,858	11,082	2,99,440
				<b>V. TOOLS AND PLANT</b> .. .. .	1,489	269	1,758
<b>II. INDIRECT RECEIPTS—</b>				<b>VI. REFUNDS OF REVENUE</b> .. .. .	832	..	832
Share of Land Revenue collected in the Civil Department .. .. .	1,98,949	3,352	2,02,301	Total, Direct Charges .. .. .	13,05,811	41,580	13,47,391
				Share of collection charges in the Civil Department .. .. .	1,12,856	3,878	1,16,744
				Indirect charges .. .. .	40,649	1,354	42,503
				Total, Direct and Indirect Charges.	14,59,326	47,812	15,06,638
Total, Public Works and Civil Departments, Revenue .. .. .	22,81,378	78,676	23,60,054	* <i>Deduct—old maintenance charges saved to Government</i> .. .. .	43,067	4,607	47,674
				Net Total .. .. .	14,16,259	42,705	14,58,964
				Balance, net revenue .. .. .	8,65,119	35,971	9,01,090
Total, Receipts .. .. .	22,81,378	78,676	23,60,054	Grand Total .. .. .	22,81,378	78,676	23,60,054

* Direct—		RS.
Extensions and improvements .. .. .	..	2,566
Maintenance and repairs .. .. .	..	640
Establishment .. .. .	..	1,175
Tools and plant .. .. .	..	29
		4,410
Indirect .. .. .	..	197
		Total .. 4,607

## No. 4.—Interest Account for and to end of 1922-1923.

	Amount.		Amount.
	RS.		RS.
Total interest charges to end of 1921-22 .. .. .	6,90,727	Net revenue realized to end of 1921-22 .. .. .	8,65,119
Total interest charges for the year 1922-23 .. .. .	16,457	Net revenue realized during 1922-23 .. .. .	35,971
Balance net revenue .. .. .	1,93,906		
Total .. .. .	9,01,090	Total .. .. .	9,01,090

## CHEYERU ANICUT SYSTEM—Canal Project.

## No. 5.—Account of Indirect Charges for and to end of 1922-1923.

Particulars.	Previous.	1922-1923.	Total.
	RS.	RS.	RS.
<b>CAPITAL—</b>			
Capitalization of abatement of land revenue .. ..	744	..	744
Leave and pension allowances .. ..	12,620	205	12,825
Audit and accounts .. ..	55	40	95
Total ..	13,419	245	13,664
<b>REVENUE—</b>			
Leave and pension allowances .. ..	40,369	1,552	41,921
Audit and accounts .. ..	280	302	582
Total ..	40,649	1,854	42,503
Grand Total ..	54,068	2,099	56,167

## 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 .. ..	3,20,865	26,194	3,47,059	31,652	47,120	15,468	3,78,711		
Establishment .. ..	73,542	5,104	78,646	12,959	11,780	1,179	91,605		
Tools and plant .. ..	..	..	..	153	942	789	153		
Suspense account .. ..	..	..	..	..	..	..	..		
Total ..	3,94,407	31,298	4,25,705	44,764	59,842	15,078	4,70,469	Mis. 166 L, 23rd May 1922.	47 120
<i>Less—Receipts on capital account .. ..</i>	..	..	..	50	..	50	50		
Net total ..	3,94,407	31,298	4,25,705	44,714	59,842	15,128	4,70,419		
<i>Indirect charges.</i>									
Capitalized abatement of land revenue .. ..	744	..	744	..	..	..	744		
Leave and pension allowances .. ..	10,296	714	11,010	1,815	..	1,815	12,825		
Audit and accounts .. ..	..	..	..	95	..	95	95		
Total ..	11,040	714	11,754	1,910	..	1,910	13,664		
Grand Total ..	4,05,447	32,012	4,37,459	46,624	59,842	13,218	4,84,083		

TIRUKKÖYLŪR ANICUT SYSTEM—*Canal Project.*

## No. 2.—Capital Account for and to end of 1922–1923.

Heads of account.	DIRECT CHARGES.			Cost of construction as now estimated (construction estimate closed in March 1895).	Expenditure against closed estimate.
	Previous.	1922–1923.	Total.		
<b>I. Works—</b>	RS.	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 ... ..	19,189	232	19,421	19,586	12,780
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 ...	1,74,518	232	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) Special tools and plant ... ..	...	...	...	...	...
Total, Works ...	3,68,273	232	3,68,505	3,74,640	3,61,870
II. ESTABLISHMENT ... ..	67,579	64	67,643	68,209	64,889
III. TOOLS AND PLANT ... ..	19	5	24	256	...
Grand Total ...	3,75,871	301	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 ... ..	9,112	301	9,413	...	...
	3,75,871	301	3,76,172	...	...

TIRUKKÖYILŪR ANICUT SYSTEM—*Canal Project.*  
No. 3.—Revenue Account for and to end of 1922-1923.

Receipts.	TOTAL.			Charges.	TOTAL.		
	Previous.	1922-1923.	Total.		Previous.	1922-1923.	Total.
<b>I. DIRECT RECEIPTS—</b>	RS.	RS.	RS.	<b>I. EXTENSIONS AND IMPROVEMENTS—</b>	RS.	RS.	RS.
5. Receipts from plantations .. ..	24,735	1,237	25,972	(1) Head works .. ..	4,289	..	4,289
6. Receipts from other canal produce ..	5,227	205	5,432	(2) Main canals and branches ..	42,458	1,981	44,439
9. Rents of buildings ..	616	5	621	(3) Distributaries .. ..	50,322	..	50,322
11. Miscellaneous ..	598	3	601	(4) Drainage and protective works ..	20,015	..	20,015
				(5) Special tools and plants ..	..	..	..
				Total ..	1,17,084	1,981	1,19,065
Total, Revenue realized in Public Works Department ..	31,176	1,450	32,625	<b>II. MAINTENANCE AND REPAIRS—</b>			
Irrigation Revenue realized in Civil Department ..	17,76,206	72,187	18,48,393	(1) Head works .. ..	59,027	2,333	61,260
<b>Total, Direct Receipts ..</b>	<b>18,07,882</b>	<b>73,637</b>	<b>18,81,019</b>	(2) Main canals and branches ..	2,29,833	18,471	2,48,304
<b>II. INDIRECT RECEIPTS—</b>				(3) Distributaries .. ..	1,14,215	..	1,14,215
Share of Land Revenue collected in the Civil Department ..	1,61,374	3,362	1,64,736	(4) Drainage and protective works ..	8,680	..	8,680
				(5) Special tools and plants ..	..	..	..
Total, Public Works and Civil Departments, Revenue.	19,68,756	76,999	20,45,755	Add—Unclassifiable outlay ..	1,95,063	..	1,95,063
				Total ..	6,06,818	20,704	6,27,522
				Total, Extensions and Improvements and Maintenance and Repairs ..	7,23,902	22,685	7,46,587
				<b>IV. ESTABLISHMENT .. ..</b>	<b>2,05,962</b>	<b>6,304</b>	<b>2,12,266</b>
				<b>V. TOOLS AND PLANT .. ..</b>	<b>704</b>	<b>529</b>	<b>1,233</b>
				<b>VI. REFUNDS OF REVENUE .. ..</b>	<b>303</b>	<b>..</b>	<b>303</b>
				Total, Direct Charges ..	9,30,871	29,518	9,60,389
				Share of collection charges in the Civil Department .. ..	96,879	3,777	1,00,656
				Indirect Charges .. ..	29,267	1,110	30,377
				Total, Direct and Indirect Charges.	10,57,017	34,405	10,91,422
				* Deduct—Old maintenance charges saved to Government ..	66,247	6,658	72,905
				Net Total ..	9,90,770	27,747	10,18,517
				Balance, net revenue ..	9,77,986	49,252	10,27,238
<b>Total, Receipts ..</b>	<b>19,68,756</b>	<b>76,999</b>	<b>20,45,755</b>	<b>Grand Total ..</b>	<b>19,68,756</b>	<b>76,999</b>	<b>20,45,755</b>

* Direct—	RS.
Extensions and improvements .. ..	1,972
Maintenance and repairs .. ..	2,960
Establishment .. ..	1,370
Tools and plant .. ..	115
Total ..	6,417
Indirect .. ..	241
<b>Total, Direct and Indirect ..</b>	<b>6,658</b>

No. 4.—Interest Account for and to end of 1922-1923.

	Amount.		Amount.
Total interest charges to end of 1921-1922 ..	RS. 5,35,056	Net revenue realized to end of 1921-1922 ..	RS. 9,77,386
Total interest charges for the year 1922-1923 ..	12,703	Net revenue realized during 1922-1923 ..	49,252
Balance, net revenue .. ..	4,79,479		
<b>Total ..</b>	<b>10,27,238</b>	<b>Total ..</b>	<b>10,27,238</b>

## TIRUKKÖYLÜR ANICUT SYSTEM—Canal Project.

## No. 5.—Account of Indirect Charges for and to end of 1922–1923.

Particulars.	Previous.	1922–1923.	Total.
<b>CAPITAL—</b>	RS.	RS.	RS.
Capitalization of abatement of land revenue ..	105	..	105
Leave and pension allowances .. ..	9,461	9	9,470
Audit and accounts .. ..	64	2	66
Total ..	9,630	11	9,641
<b>REVENUE—</b>			
Capitalization of abatement of land revenue ..	290	..	290
Leave and pension allowances .. ..	28,835	883	29,718
Audit and accounts .. ..	142	227	369
Total ..	29,267	1,110	30,377
Grand Total ..	38,897	1,121	40,018

## 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 .. ..	2,01,591	1,00,279	3,01,870	6,685	12,770	6,135	3,08,505	Mis. 179 I., 11th June 1921 Mis. 321 I., 23rd August 1921. Total ..	6,800 5,970 12,770
Establishment .. ..	46,361	18,528	64,889	2,754	3,320	566	67,643		
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		
<i>Less—Receipts on Capital Account .. ..</i>	..	..	..	..	..	..	..		
Net Total ..	2,47,952	1,18,807	3,66,759	9,413	16,346	6,933	3,76,172		
<i>Indirect Charges.</i>									
Capitalized abatement of Land Revenue .. ..	28	77	105	..	..	..	105		
Leave and pension allowances .. ..	6,490	2,594	9,084	386	..	— 386	9,470		
Audit and accounts .. ..	..	..	..	66	..	— 66	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		

## SHATIATOPE ANICUT SYSTEM—Canal Project.

## No. 2.—Capital Account for and to end of 1922-1923.

Heads of account.	DIRECT CHARGES.			Cost of construction as now estimated (closed in 31st March 1895).	Expenditure against closed estimate.
	Previous.	1922-1923.	Total.		
	RS.	RS.	RS.	RS.	RS.
<b>WORKS—</b>					
(1) <i>Head Works—</i>					
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) <i>Main Canal and Branches—</i>					
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) <i>Distributaries—</i>					
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) <i>Drainage—</i>					
C. Works ... ..	85	— 1	84	23,000	...
(5) <i>Special Tools and Plant—</i>					
Total, Works ... ..	8,10,491	— 1	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 ... ..	9,15,366	— 1	9,15,365	9,43,765	9,15,245
<i>Apportionment—</i>					
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. ... ..	121	— 1	120	...	...
Total ... ..	9,15,366	— 1	9,15,365	...	...

## IRRIGATION BRANCH.

## PUBLIC WORKS DEPARTMENT.

## SHATIATOPE ANICUT SYSTEM—Canal Project.

## No. 3.—Revenue Account for and to end of 1922-1923.

Receipts.	TOTAL.			Charges.	TOTAL.		
	Previous.	1922-1923.	Total.		Previous.	1922-1923.	Total.
<b>I. DIRECT RECEIPTS—</b>	RS.	RS.	RS.		RS.	RS.	RS.
5. Receipts from plantations .. ..	12,567	611	13,178	I. EXTENSIONS AND IMPROVEMENTS—			
6. Receipts from other canal produce ..	4,086	235	4,321	(1) Head works .. ..	3,955	..	3,955
9. Rents of buildings ..	881	84	965	(2) Main canals and branches ..	28,922	5,940	34,862
10. Fines .. ..	4	..	4	(3) Distributaries .. ..	24,481	..	24,481
11. Miscellaneous ..	208	106	314	(4) Drainage and protective works ..	158	..	158
Deduct—Refunds .. ..	..	1	1	(5) Special tools and plant .. ..	..	..	..
Total, Revenue realized in Public Works Department ..	17,746	1,035	18,781	Add—Unclassifiable outlay .. ..	21,316	..	21,316
Irrigation Revenue realized in Civil Department .. ..	42,13,384	1,26,876	43,40,260	Total ..	78,832	5,940	84,772
Total, Direct Receipts ..	42,31,130	1,27,911	43,59,041	II. MAINTENANCE AND REPAIRS—			
<b>II. INDIRECT RECEIPTS—</b>				(1) Head works .. ..	81,979	6,603	88,582
Share of land revenue collected in the Civil Department ..	11,08,705	15,209	11,23,914	(2) Main canals and branches ..	2,37,172	15,908	2,53,080
Total, Public Works and Civil Departments, Revenue.	53,39,835	1,43,120	54,82,955	(3) Distributaries .. ..	89,610	..	89,610
Total, Receipts ..	53,39,835	1,43,120	54,82,955	(4) Drainage and protective works ..	2,934	..	2,934
				(5) Special tools and plant .. ..	..	..	..
				Add—Unclassifiable outlay .. ..	2,87,678	..	2,87,678
				Total ..	7,29,373	22,511	7,51,884
				Total, Extensions and Improvements and Maintenance and Repairs ..	8,08,205	28,451	8,36,656
				IV. ESTABLISHMENT .. ..	2,56,88	7,909	2,64,791
				V. TOOLS AND PLANT .. ..	914	663	1,577
				VI. REFUNDS OF REVENUE .. ..	249	..	249
				Total, Direct Charges ..	10,66,250	37,023	11,03,273
				Share of collection charges in the Civil Department .. ..	2,66,104	7,104	2,73,208
				Indirect charges .. ..	26,600	1,391	27,991
				Total, Direct and Indirect Charges.	13,68,954	45,518	14,14,472
				* Deduct—Old maintenance charges saved to Government .. ..	22,083	2,219	24,302
				Total ..	13,46,871	43,299	13,90,170
				Balance, net revenue .. ..	39,92,964	99,821	40,92,785
				Grand Total ..	53,39,835	1,43,120	54,82,955

\* Direct—

Extensions and improvements .. ..	..	..	..	..	..	..	..	RS.
Maintenance and repairs .. ..	..	..	..	..	..	..	..	64
Establishment .. ..	..	..	..	..	..	..	..	1,580
Tools and plant .. ..	..	..	..	..	..	..	..	457
	..	..	..	..	..	..	..	38
Indirect .. ..	..	..	..	..	..	..	..	2,139
								80
Total ..								2,219

## No. 4.—Interest Account for and to end of 1922-1923.

	Amount.		Amount.
	RS.		RS.
Total interest charges to end of 1921-1922 ..	5,91,060	Net revenue realized to end of 1921-1922 ..	39,92,964
Total interest charges for the year 1922-1923 ..	30,441	Net revenue realized during 1922-1923 ..	99,821
Balance net revenue .. ..	34,71,284		
Total ..	40,92,785	Total ..	40,92,785

## SHATIATOPE ANICUT SYSTEM—Canal Project.

## No. 5.—Account of Indirect Charges for and to end of 1922-1923.

Particulars.	Previous.	1922-1923.	Total.
	RS.	RS.	RS.
<b>CAPITAL—</b>			
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
<b>REVENUE—</b>			
Capitalized abatement of land revenue .. .. .	379	..	379
Leave and pension allowances .. .. .	35,960	1,107	37,067
Audit and accounts .. .. .	261	284	545
Total ..	36,600	1,391	37,991
Grand Total ..	93,877	1,391	95,268

## 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 .. .. .	1,09,182	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		
<i>Less—Receipts on Capital account.</i>	..	..	..	..	..	..	..		
Net Total ..	1,33,884	7,81,361	9,15,245	120	28,520	28,400	9,15,365		
<i>Indirect Charges.</i>									
Capitalized abatement of land revenue .. .. .	..	42,609	42,609	..	..	..	42,609		
Leave and pension allowances .. .. .	3,457	11,205	14,662	5	..	— 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 1922-1923.

Heads of account.	DIRECT CHARGES.			Cost of construction as now estimated.	Expenditure against closed estimate.
	Previous.	1922-1923.	Total.		
1	2	3	4	5	6
<b>I. WORKS—</b>					
(1) <i>Head Works—</i>					
A. Preliminary expenses .. .. .	7,884	217	8,101	9,500	..
B. Land .. .. .	61,179	—835	60,344	66,750	..
C. Works .. .. .	3,79,885	32,415	4,12,300	5,94,560	..
K. Buildings .. .. .	20,701	291	20,992	21,000	..
L. Earthwork .. .. .	6,64,498	66,652	7,31,150	11,65,600	..
O. Miscellaneous .. .. .	6,566	248	6,813	11,900	..
P. Maintenance .. .. .	3,544	507	4,051	5,000	..
Unforeseen works .. .. .	..	..	..	5,000	..
Total .. .. .	11,44,256	99,495	12,43,751	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 .. .. .	14,579	918	15,497	33,600	..
E. Falls and weirs .. .. .	23,046	345	23,391	26,200	..
F. (1) Other cross drainage works .. .. .	7,894	553	8,447	14,280	..
G. Bridges .. .. .	8,805	1	8,806	20,200	..
K. Buildings .. .. .	..	..	..	..	..
L. Earthwork .. .. .	47,328	2,283	49,611	61,880	..
O. Miscellaneous .. .. .	1,036	12	1,048	2,300	..
P. Maintenance .. .. .	2,189	467	2,656	4,950	..
Unforeseen works .. .. .	..	..	..	11,780	..
Total .. .. .	1,44,451	4,579	1,49,030	2,40,690	..
(3) <i>Distributaries—</i>					
A. Preliminary expenses .. .. .	971	..	971	1,200	..
B. Land .. .. .	34,749	3,674	38,423	74,500	..
C. Works .. .. .	26,359	6,742	33,101	72,400	..
L. Earthwork .. .. .	..	..	..	..	..
O. Miscellaneous .. .. .	..	..	..	..	..
P. Maintenance .. .. .	..	..	..	..	..
Unforeseen works .. .. .	..	..	..	2,900	..
Total .. .. .	62,079	10,416	72,495	1,51,000	..
(5) <i>Special Tools and Plant—</i>					
Provision for unforeseen works .. .. .	— 1,397	9,590	8,193	..	..
Total Works .. .. .	13,49,389	1,24,080	14,73,469	22,71,000	..
II. ESTABLISHMENT .. .. .	3,87,214	34,491	4,21,705	3,89,772	..
III. TOOLS AND PLANT .. .. .	3,01,500	2,893	3,04,393	3,01,309	..
(a) Grand Total .. .. .	20,38,103	1,61,464	21,99,567	29,62,081	..
V. Less—Receipts on capital account .. .. .	6,200	679	6,879	2,081	..
(a) Net Total .. .. .	20,31,903	1,60,785	21,92,688	29,60,000	..
Chargeable to 49. Irrigation Works .. .. .	17,48,578	..	17,48,578	..	..
Do. to 55-A. Irrigation Works (Productive).	2,83,325	1,60,785	4,44,110	..	..
Total .. .. .	20,31,903	1,60,785	21,92,688	..	..

## No. 4.—Interest Accounts for and to end of 1922-1923.

	Amount.		Amount
	RS.		RS.
Total interest charges to end of 1921-1922 ..	3,32,208	Net revenue realized to end of 1921-1922 ..	..
Total interest charges for the year 1922-1923.	97,934	Net revenue realized during 1922-1923 ..	..
		Balance net interest charges .. .. .	4,30,142
Total .. .. .	4,30,142	Total .. .. .	4,30,142

## TOLUDUR PROJECT—Tank Project.

## No. 5.—Account of Indirect Charges for and to end of 1922-1923.

Particulars.		Previous.	1922-1923.	Total.
<b>CAPITAL—</b>				
Capitalization of abatement of land revenue	.. ..	Rs. 1,78,809	Rs. ..	Rs. 1,78,809
Leave and pension allowances	.. ..	54,209	4,829	59,038
Audit and accounts	.. ..	1,995	1,241	3,236
Total ..		2,35,013	6,070	2,41,083
<b>REVENUE—</b>				
Capitalization of abatement of land revenue	.. ..	..	..	..
Leave and pension allowances	.. ..	..	..	..
Audit and accounts	.. ..	..	..	..
Total ..		..	..	..
Grand Total ..		2,35,013	6,070	2,41,083

## 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 .. ..	..	..	..	14,73,469	22,71,000	7,97,531	14,73,469	111 L., dated 20th March 1918.	22,71,000
Establishment ..	..	..	..	4,21,705	3,89,772	— 31,938	4,21,705		
Tools and plant ..	..	..	..	3,04,393	3,01,309	— 3,084	3,04,393		
Suspense account ..	..	..	..	..	..	..	..		
Total ..	..	..	..	21,99,567	29,62,081	7,62,514	21,99,567		
<i>Less—Receipts on Capital Account.</i>	..	..	..	6,879	2,081	— 4,798	6,879		
Net Total ..	..	..	..	21,92,688	29,60,000	7,67,312	21,92,688		
<i>Indirect Charges.</i>									
Capitalized abatement of land revenue.	..	..	..	1,78,809	1,95,432	16,623	1,78,809		
Leave and pension allowances.	..	..	..	59,038	54,568	— 4,470	59,038		
Audit and accounts.	..	..	..	3,236	..	— 3,236	3,236		
Total ..	..	..	..	2,41,083	2,50,000	8,917	2,41,083		
Grand Total ..	..	..	..	24,33,771	32,10,000	7,76,229	24,33,771		

## IRRIGATION BRANCH.

## PUBLIC WORKS DEPARTMENT.

MEHAMATTUR ANICUT SYSTEM—*Canal Project.*

## No. 2.—Capital Account for and to end of 1922–1923.

Heads of account.	DIRECT CHARGES.			Cost of construction as now estimated (construction estimate closed in March 1891).	Expenditure against closed estimate.
	Previous.	1922–1923.	Total.		
<b>I. WORKS—</b>	RS.	RS.	RS.	RS.	RS.
(1) <i>Head Works—</i>					
C. Works .. .. .	56,967	..	56,967	56,967	56,967
(2) <i>Main canals and branches—</i>					
E. Falls and weirs .. .. .	1,844	..	1,844	2,080	..
(3) <i>Distributaries—</i>					
C. Works .. .. .	563	..	563	563	563
<b>Total, Works .. .. .</b>	<b>59,374</b>	<b>..</b>	<b>59,374</b>	<b>59,610</b>	<b>57,530</b>
<b>II. ESTABLISHMENT .. .. .</b>	<b>13,990</b>	<b>..</b>	<b>13,990</b>	<b>13,751</b>	<b>13,231</b>
<b>III. TOOLS AND PLANT .. .. .</b>	<b>8</b>	<b>..</b>	<b>8</b>	<b>42</b>	<b>..</b>
(a) <b>Grand Total .. .. .</b>	<b>73,372</b>	<b>..</b>	<b>73,372</b>	<b>73,403</b>	<b>70,761</b>
Chargeable to 43. Provincial Irrigation .. .. .	72,538	..	72,538	..	..
Do. 55-A. Irrigation—2. Unproductive .. .. .	834	..	834	..	..
<b>Total .. .. .</b>	<b>73,372</b>	<b>..</b>	<b>73,372</b>	<b>..</b>	<b>..</b>

## No. 3.—Revenue Account for and to end of 1922–1923.

Receipts.	TOTAL.			Charges.	TOTAL.		
	Previous.	1922–1923.	Total.		Previous.	1922–1923.	Total.
<b>I. DIRECT RECEIPTS—</b>	RS.	RS.	RS.	<b>I. EXTENSIONS AND IMPROVEMENTS—</b>	RS.	RS.	RS.
5. Receipts from plantations .. .. .	1,090	37	1,127	(1) Head works .. .. .	2,920	..	2,920
6. Receipts from other canal produce .. .. .	2,071	299	2,370	(2) Main canals and branches .. .. .	10,931	2,003	12,934
9. Rents of buildings. .. .. .	80	11	91	(3) Distributaries .. .. .	5,042	..	5,042
11. Miscellaneous .. .. .	45	..	45	(4) Drainage and protective works .. .. .	..	..	..
<b>Total, Revenue realized in Public Works Department .. .. .</b>	<b>3,286</b>	<b>347</b>	<b>3,633</b>	(5) Special tools and plant .. .. .	..	..	..
Irrigation revenue realized in Civil Department .. .. .	5,58,927	21,706	5,80,633	<i>Add—Unclassifiable outlay .. .. .</i>	9,521	..	9,521
<b>Total, Direct receipts. .. .. .</b>	<b>5,62,213</b>	<b>22,053</b>	<b>5,84,266</b>	<b>Total .. .. .</b>	<b>28,414</b>	<b>2,003</b>	<b>30,417</b>
<b>II. INDIRECT RECEIPTS—</b>				<b>II. MAINTENANCE AND REPAIRS—</b>			
Share of land revenue collected in the Civil Department .. .. .	2,925	51	2,976	(1) Head works .. .. .	39,813	494	40,307
<b>Total, Public Works and Civil Departments, Revenue .. .. .</b>	<b>5,65,138</b>	<b>22,104</b>	<b>5,87,242</b>	(2) Main canals and branches .. .. .	51,411	1,090	52,501
				(3) Distributaries .. .. .	24,803	..	24,803
				(4) Drainage and protective works .. .. .	..	..	..
				(5) Special tools and plant .. .. .	..	..	..
				<i>Add—Unclassifiable outlay .. .. .</i>	45,826	..	45,826
				<b>Total .. .. .</b>	<b>1,61,853</b>	<b>1,584</b>	<b>1,63,437</b>
				<b>Total, Extensions and Improvements and Maintenance and Repairs .. .. .</b>	<b>1,90,267</b>	<b>3,587</b>	<b>1,93,854</b>
				<b>IV. ESTABLISHMENT .. .. .</b>	<b>45,152</b>	<b>997</b>	<b>46,149</b>
				<b>V. TOOLS AND PLANT .. .. .</b>	<b>161</b>	<b>83</b>	<b>244</b>
				<b>VI. REFUNDS OF REVENUE .. .. .</b>	<b>4</b>	<b>..</b>	<b>4</b>
				<b>Total, Direct Charges .. .. .</b>	<b>2,35,584</b>	<b>4,667</b>	<b>2,40,251</b>
				Share of collection charges in the Civil Department .. .. .	28,092	1,088	29,180
				Indirect charges .. .. .	6,716	175	6,891
				<b>Total, Direct and Indirect Charges .. .. .</b>	<b>2,70,392</b>	<b>5,930</b>	<b>2,76,322</b>
				<i>Deduct—Old maintenance charges saved to Government (a) .. .. .</i>	18,268	859	19,127
				<b>Net Total .. .. .</b>	<b>2,52,124</b>	<b>5,071</b>	<b>2,57,195</b>
				Balance, net revenue .. .. .	3,13,014	17,032	3,30,047
<b>Total, Receipts .. .. .</b>	<b>5,65,138</b>	<b>22,104</b>	<b>5,87,242</b>	<b>Grand Total .. .. .</b>	<b>5,65,138</b>	<b>22,104</b>	<b>5,87,242</b>

(a) Extensions and improvements .. .. .	RS.	126
Maintenance and repairs .. .. .	510	
Establishment .. .. .	177	
Tools and plant .. .. .	16	
<b>Total, Direct Charges .. .. .</b>	<b>828</b>	
Indirect charges .. .. .	31	
<b>Grand Total .. .. .</b>	<b>859</b>	

## MEHAMATUR ANICUT SYSTEM—Canal Project.

## No. 4.—Interest Account for and to end of 1922-1923.

	Amount.			Amount.	
	Rs.			Rs.	
Total interest charges to end of 1921-1922 ..	1,39,406		Net revenue realized to end of 1921-1922	3,13,014	
Total interest charges for the year 1922-1923 ..	2,496		Net revenue realized during 1922-1923	17,033	
Balance, net revenue .. ..	1,38,145				
Total ..	3,30,047		Total	3,30,047	

## No. 5.—Account of Indirect Charges for and to end of 1922-1923.

Particulars.	Previous.	1922-1923.	Total.
<b>CAPITAL—</b>	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
<b>REVENUE—</b>			
Capitalization of abatement of land revenue ...	354	...	354
Leave and pension allowances ... ..	6,318	139	6,457
Audit and accounts ... ..	44	36	80
Total ...	6,716	175	6,891
Grand Total ...	8,725	175	8,900

## 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 ... ..	56,289	1,241	57,530	1,844	2,080	236	59,374		
Establishment ... ..	12,946	285	13,231	759	520	—239	13,990		
Tools and plant ... ..	...	...	...	8	42	34	8		
Suspense account ... ..	...	...	...	...	...	...	...		
Total ...	69,235	1,526	70,761	2,611	2,642	31	73,372	Mis. 308 I., 18th Dec. 1920.	2,080
<i>Less—Receipts on Capital Account ...</i>	..	..	..	..	..	..	..		
Net Total ...	69,235	1,526	70,761	2,611	2,642	31	73,372		
<i>Indirect Charges.</i>									
Capitalized abatement of land revenue ...	...	45	45	...	..	...	45		
Leave and pension allowances ...	1,812	40	1,852	106	...	—106	1,958		
Audit and accounts ...	...	...	...	6	...	—6	6		
Total ...	1,812	85	1,897	112	...	—112	2,009		
Grand Total ...	71,047	1,611	72,658	2,723	2,642	—81	75,381		

## IRRIGATION BRANCH.

## PUBLIC WORKS DEPARTMENT.

## VRIDDHACHALAM ANICUT SYSTEM—Canal Project.

## No. 2.—Capital Account for and to end of 1922-1923.

Heads of account.	DIRECT CHARGES.			Cost of construction as now estimated (construction estimate closed in March 1893).	Expenditure against closed estimate.
	Previous.	1922-1923.	Total.		
<b>I. WORKS—</b>	RS.		RS.	RS.	RS.
(1) <i>Head Works—</i>					
B. Land .. .. .	58,094	..	58,094	58,094	58,094
C. Works .. .. .	..	..	..	..	..
O. Miscellaneous .. .. .	..	..	..	..	..
Total .. .. .	58,094	..	58,094	58,094	58,094
(2) <i>Main Canals and Branches—</i>					
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 .. .. .	15,575	..	15,575	15,575	15,575
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 1922-1923.

Receipts.	TOTAL.			Charges.	TOTAL.		
	Previous.	1922-1923.	Total.		Previous.	1922-1923.	Total.
<b>I. DIRECT RECEIPTS—</b>	RS.	RS.	RS.	<b>I. EXTENSIONS AND IMPROVEMENTS—</b>	RS.	RS.	RS.
5. Receipts from plantations .. .. .	2,596	168	2,764	(1) Head works .. .. .	6,629	..	6,629
6. Receipts from other canal produce .. .. .	1,930	76	2,006	(2) Main canals and branches .. .. .	17,001	397	17,398
9. Rents of buildings .. .. .	44	2	46	(3) Distributaries .. .. .	9,516	..	9,516
11. Miscellaneous .. .. .	71	7	78	(4) Drainage and protective works .. .. .	..	..	..
<i>Deduct—Refunds</i> .. .. .	29	..	29	(5) Special tools and plant .. .. .	..	..	..
Total, Revenue realized in Public Works Department .. .. .	4,612	253	4,865	<i>Add—Unclassifiable outlay</i> .. .. .	1,968	..	1,968
Irrigation revenue realized in Civil Department .. .. .	8,50,501	30,010	8,90,511	Total .. .. .	35,114	397	35,511
Total, Direct Receipts .. .. .	86,513	30,263	8,95,376	<b>II. MAINTENANCE AND REPAIRS—</b>			
<b>II. INDIRECT RECEIPTS—</b>				(1) Head works .. .. .	47,298	636	47,934
Share of land revenue collected in the Civil Department .. .. .	19,166	294	19,460	(2) Main canals and branches .. .. .	61,347	2,488	63,835
Total, Public Works and Civil Departments, Revenue .. .. .	8,56,432	30,557	9,14,836	(3) Distributaries .. .. .	41,346	..	41,346
Total, Receipts .. .. .	8,56,432	30,557	9,14,836	(4) Drainage and protective works .. .. .	1,089	..	1,089
				(5) Special tools and plant .. .. .	..	..	..
				<i>Add—Unclassifiable outlay</i> .. .. .	53,862	..	53,862
				Total .. .. .	2,04,942	3,124	2,08,066
				Total, Extensions and Improvements and Maintenance and Repairs .. .. .	2,40,056	3,521	2,43,577
				IV. ESTABLISHMENT .. .. .	56,660	979	57,639
				V. TOOLS AND PLANT .. .. .	284	82	366
				VI. REFUNDS OF REVENUE .. .. .	..	..	..
				Total, Direct Charges .. .. .	2,97,000	4,582	3,01,582
				Share of collection charges in the Civil Department .. .. .	43,982	1,515	45,497
				Indirect charges .. .. .	8,064	172	8,236
				Total, Direct and Indirect charges .. .. .	3,49,046	6,269	3,55,315
				Balance, net revenue .. .. .	3,35,233	24,288	5,59,521
				Grand Total .. .. .	8,84,279	30,557	9,14,836

## No. 4.—Interest Account for and to end of 1921-1922.

	Amount.			Amount.	
	RS.			RS.	
Total interest charges to end of 1921-1922 .. .. .	1,21,437		Net revenue realized to end of 1921-1922 .. .. .	5,35,233	
Total interest charges for the year 1922-1923 .. .. .	2,799		Net revenue realized during 1922-1923 .. .. .	24,288	
Balance, net revenue .. .. .	4,35,285				
Total .. .. .	5,59,521		Total .. .. .	5,59,521	

## VRIDDHACHALAM ANICUT SYSTEM—Canal Project.

## No. 5.—Account of Indirect Charges for and to end of 1922-1923.

Particulars.	Previous.	1922-1923.	Total.
<b>CAPITAL—</b>	Rs.	Rs.	Rs.
Capitalization of abatement of land revenue ... ..	314	...	314
Leave and pension allowances ... ..	2,180	...	2,180
Audit and accounts ... ..	...	...	...
Total ...	2,494	...	2,494
<b>REVENUE—</b>			
Capitalization of abatement of land revenue ... ..	97	...	97
Leave and pension allowances ... ..	7,929	137	8,066
Audit and accounts ... ..	38	35	73
Total ...	8,064	172	8,236
Grand Total ...	10,558	172	10,730

## 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 ... ..	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		
<i>Less—Receipts on Capital Account.</i>	...	...	...	...	...	...	...		
Net Total ...	48,468	35,723	84,191	...	...	...	84,191		
<i>Indirect Charges.</i>									
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		

LOWER COLEBROON ANICUT SYSTEM—*Canal Project.*  
No. 2.—Capital Account for and to end of 1922–1923.

Heads of account.	DIRECT CHARGES.			Cost of construction as now estimated. Construction estimate closed on 30th June 1903.	Expenditure against closed estimate.
	Previous.	1922–1923.	Total.		
	RS.		RS.	RS.	RS.
<b>I. WORKS—</b>					
(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	2,96,582	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	15,48,415	15,48,415
II. ESTABLISHMENT .. .. .	3,09,063	..	3,09,063	3,09,063	3,09,063
III. TOOLS AND PLANT .. .. .	14,079	..	14,079	14,079	14,079
Grand Total ..	18,71,557	..	18,71,557	18,71,557	18,71,557
<i>Apportionment—</i>					
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	..	..

LOWER COLEROON ANICUT SYSTEM—Canal Project.  
No. 3.—Revenue Account for and to end of 1922-1923.

Receipts.	TOTAL.			Charges.	TOTAL.		
	Previous.	1922-1923.	Total.		Previous.	1922-1923.	Total.
<b>I. DIRECT RECEIPTS—</b>	RS.	RS.	RS.	<b>I. EXTENSIONS AND IMPROVEMENTS—</b>	RS.	RS.	RS.
5. Receipts from plantations ..	33,997	2,846	36,843	(1) Head works .. .. .	1,68,866	..	1,68,866
6. Receipts from other canal produce ..	28,611	879	29,490	(2) Main canals and branches ..	1,28,284	9,332	1,38,216
9. Rents of buildings.	2,298	289	2,587	(3) Distributaries .. .. .	45,872	966	46,838
11. Miscellaneous ..	7,655	1,957	9,612	(4) Drainage and protective works..	2,660	108	2,768
<i>Deduct—Refunds ..</i>	..	166	165	(5) Special tools and plant ..	— 1,800	..	1,800
				<i>Add—Unclassifiable outlay ..</i>	24,873	..	24,873
Total, Revenue realized in Public Works Department .. .. .	72,561	5,805	78,366	Total ..	3,68,755	11,006	3,79,761
Irrigation revenue realized in Civil Department ..	1,43,40,495	3,47,587	1,46,88,082	<b>II. MAINTENANCE AND REPAIRS—</b>			
Total, Direct Receipts ..	1,44,13,056	3,53,392	1,47,66,448	(1) Head works .. .. .	1,61,793	2,073	1,63,866
				(2) Main canals and branches ..	7,57,905	85,231	8,43,136
<b>II. INDIRECT RECEIPTS—</b>				(3) Distributaries .. .. .	2,85,370	3,397	2,88,767
Share of land revenue collected in the Civil Department ..	35,27,168	51,510	35,78,678	(4) Drainage and protective works.	10,753	352	11,105
				(5) Special tools and plant ..	..	..	..
Total, Public Works and Civil Departments, Revenue ..	1,79,40,224	4,04,902	1,83,45,126	<i>Add—Unclassifiable outlay ..</i>	4,82,053	..	4,82,053
				Total ..	16,97,874	91,053	17,88,927
				Total, Extensions and Improvements and Maintenance and Repairs ..	20,66,629	1,02,059	21,68,688
				IV. ESTABLISHMENT .. .. .	6,64,934	28,369	6,93,303
				V. TOOLS AND PLANT .. .. .	2,758	2,379	5,137
				VI. REFUNDS OF REVENUE .. .. .	423	..	423
				Total, Direct Charges ..	27,34,744	1,32,807	28,67,551
				Share of collection charges in the Civil Department .. .. .	8,93,384	19,955	9,13,339
				Indirect charges .. .. .	1,07,082	4,992	1,12,074
				Total, Direct and Indirect Charges ..	37,35,210	1,57,754	38,92,964
				* <i>Deduct—Old maintenance charges saved to Government ..</i>	97,795	9,828	1,07,623
				Net Total ..	36,37,415	1,47,926	37,85,341
				Balance, net revenue .. .. .	1,43,02,809	2,56,976	1,45,59,785
Total, Receipts ..	1,79,40,224	4,04,902	1,83,45,126	Grand Total ..	1,79,40,224	4,04,902	1,83,45,126

RS.

## \* Direct—

Extensions and improvements .. .. .	2,427
Maintenance and repairs .. .. .	4,853
Establishment .. .. .	2,023
Tools and plant .. .. .	169
	9,472
<i>Deduct .. .. .</i>	356
	9,828

## IRRIGATION BRANCH.

## PUBLIC WORKS DEPARTMENT.

LOWER COLEROON ANICUT SYSTEM—Canal Project.  
No. 4.—Interest Account for and to end of 1922-1923.

	Amount.			Amount.	
	RS.			RS.	
Total interest charges to end of 1921-1922 ..	21,30,982		Net revenue realized to end of 1921-1922 ..	1,43,02,809	
Total interest charges for the year 1922-1923 ..	62,275		Net revenue realized during 1922-1923 ..	2,56,976	
Balance net revenue .. .. .	1,23,66,528				
Total ..	1,45,59,785		Total ..	1,45,59,785	

## No. 5.—Account of Indirect Charges for and to end of 1921-1922.

Particulars.	Previous.	1921-1922.	Total.
<b>CAPITAL—</b>	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
<b>REVENUE—</b>			
Capitalization of abatement of land revenue .. .. .	12,916	..	12,916
Leave and pension allowances .. .. .	93,089	3,971	97,060
Audit and accounts .. .. .	1,077	1,021	2,098
Total ..	1,07,082	4,992	1,12,074
Grand Total ..	1,78,417	4,992	1,83,409

## 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.
Works .. .. .	10,67,518	4,80,897	15,48,415	..	..	..	15,48,415		
Establishment .. .. .	2,32,629	76,434	3,09,063	..	..	..	3,09,063		
Tools and plant .. .. .	14,059	20	14,079	..	..	..	14,079		
Suspenses account .. .. .	..	..	..	..	..	..	..		
Total ..	13,14,206	5,57,351	18,71,557	..	..	..	18,71,557		
<i>Less—Receipts on Capital Account.</i>	..	..	..	..	..	..	..		
Net total ..	13,14,206	5,57,351	18,71,557	..	..	..	18,71,557		
<i>Indirect charges.</i>									
Capitalized abatement of land revenue .. .. .	10,946	17,122	28,068	..	..	..	28,068		
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	..	..	..	19,42,892		

CAUVERY DELTA SYSTEM—*Canal Project.*

## No. 2.—Capital Account for and to end of 1922-1923.

Heads of account.	DIRECT CHARGES.			Cost of construction as now estimated (construction estimate closed on 31st March 1889).	Expenditure against closed estimate
	Previous.	1922-1923.	Total.		
<b>I. WORKS—</b>	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 ... ..	7,21,313	47,533	7,68,846	7,90,302	6,74,279
F. (1) Other cross drainage works.	31,305	...	31,305	34,855	31,305
K. Buildings ... ..	21,637	...	21,637	24,304	20,154
L. Earthwork ... ..	61,834	...	61,834	56,832	56,832
O. Miscellaneous ... ..	693	...	693	23,993	693
Total ...	9,10,038	47,533	9,57,571	10,03,542	8,56,519
(3) <i>Distributaries—</i>					
B. Land ... ..	33,640	57	33,697	17,656	14,937
C. Works ... ..	1,46,400	1,060	1,47,460	1,82,904	1,63,504
L. Earthwork ... ..	36,952	...	36,952	29,254	29,254
O. Miscellaneous ... ..	— 22	...	-- 22	3,245	3,245
Total ...	2,16,970	1,117	2,18,087	2,29,135	2,07,016
(4) <i>Drainage and Protective Works—</i>					
B. Land ... ..	32,100	335	32,435	1,13,541	13,941
C. Works ... ..	3,21,381	12,108	3,33,489	4,09,425	2,82,595
L. Earthwork ... ..	2,90,726	23,674	3,14,400	4,65,660	2,37,887
O. Miscellaneous ... ..	36,733	2,534	39,267	81,983	33,426
Total ...	6,80,940	38,651	7,19,591	10,70,609	5,67,849
(5) <i>Special tools and plant—</i>	...	...	...	...	...
Provision for unforeseen works	...	...	...	...	...
Total outlay on current sanctions	28,04,772	87,301	28,92,073	33,03,870	26,31,968
Old outlay	7,76,216	...	7,76,216	7,76,216	7,76,216
Total, Works	35,80,988	87,301	36,68,289	40,80,086	34,08,184
II. ESTABLISHMENT	7,85,315	24,267	8,09,582	8,85,327	73,010
III. TOOLS AND PLANT	96,839	2,036	98,875	1,05,538	96,218
Grand Total	44,63,142	1,13,604	45,76,746	50,71,001	42,34,512
V. <i>Less—RECEIPTS ON CAPITAL ACCOUNT.</i>	1,985	...	1,985	1,985	1,985
(a) Net Total	44,61,157	1,13,604	45,74,761	50,69,016	42,32,527
Chargeable to 49. Irrigation Works	43,53,369	...	43,53,369	...	...
Do. to 55-A. Irrigation Works—					
1. Productive	1,07,788	1,13,604	2,21,392	...	...
Total	44,61,157	1,13,604	45,74,761	...	...

## IRRIGATION BRANCH.

## PUBLIC WORKS DEPARTMENT.

## CAUVERY DELTA SYSTEM—Canal Project.

## No. 3.—Revenue Account for and to end of 1922-1923.

Receipts.	TOTAL.			Charges.	TOTAL.		
	Previous.	1922-1923.	Total.		Previous.	1922-1923.	Total.
<b>I. DIRECT RECEIPTS—</b>	RS.	RS.	RS.	<b>I. EXTENSIONS AND IMPROVEMENTS—</b>	RS.	RS.	RS.
3. Sales of water ..	2,742	357	3,099	(1) Head works .. ..	77,827	1,01,653	1,79,480
5. Receipts from plantations ..	1,31,713	9,578	1,41,291	(2) Main canals and branches ..	2,94,889	8,805	..
6. Receipts from other canal produce ..	89,252	5,053	94,305	(3) Distributaries .. ..	6,42,967	12,902	..
9. Rents of buildings.	10,168	742	10,900	(4) Drainage and protective works.	2,02,274	4,503	..
10. Fines .. ..	291	..	291	(5) Special tools and plant ..	3,572	..	3,572
11. Miscellaneous ..	47,552	1,306	48,858	Add—Unclassifiable outlay ..	35,651	..	35,651
Deduct—Refunds ..	..	143	143	Total ..	12,57,180	1,27,863	13,85,043
Total, Revenue realized in Public Works Department ..	2,81,708	16,893	2,98,601	<b>II. MAINTENANCE AND REPAIRS—</b>			
Irrigation Revenue realized in Civil Department ..	4,12,06,644	9,40,863	4,28,47,507	(1) Head works .. ..	4,05,865	4,121	4,09,486
Total, Direct Receipts ..	4,21,88,352	9,57,756	4,31,46,108	(2) Main canals and branches ..	24,32,562	2,78,729	27,06,291
<b>II. INDIRECT RECEIPTS—</b>				(3) Distributaries .. ..	18,48,030	63,035	19,11,065
Share of land revenue collected in the Civil Department ..	79,87,549	1,18,072	81,05,721	(4) Drainage and protective works ..	6,98,611	34,626	7,33,237
Total, Public Works and Civil Departments, Revenue ..	5,01,76,001	10,75,828	5,12,51,829	(5) Special tools and plant ..	1,770	30	1,800
				Add—Unclassifiable outlay ..	36,27,372	..	36,27,372
				Total ..	90,13,710	3,75,541	93,89,251
				Total, Extensions and Improvements and Maintenance and Repairs ..	1,02,70,890	5,08,404	1,07,74,294
				<b>IV. ESTABLISHMENT .. ..</b>	43,59,931	1,46,462	45,06,393
				<b>V. TOOLS AND PLANT .. ..</b>	1,54,007	11,725	1,65,732
				<b>VI. REFUNDS OF REVENUE .. ..</b>	1,919	..	1,919
				Total, Direct charges ..	1,47,86,747	6,61,591	1,54,48,338
				Share of collection charges in the Civil Department .. ..	28,37,454	52,947	28,90,401
				Indirect charges .. ..	7,28,209	25,539	7,53,748
				Total, Direct and Indirect charges ..	1,83,52,410	7,40,077	1,90,92,487
				* Deduct—Old maintenance charges saved to Government ..	1,19,35,656	1,42,627	1,20,78,283
				Net Total ..	64,16,754	5,97,450	70,14,204
				Balance, net revenue ..	4,37,59,247	4,78,378	4,42,37,625
Total, Receipts ..	5,01,76,001	10,75,828	5,12,51,829	Grand Total ..	5,01,76,001	10,75,828	5,12,51,829

		RS.	
* Direct—			
Maintenance and Repairs .. ..	..	..	1,05,634
Establishment .. ..	..	..	29,363
Tools and Plant .. ..	..	..	2,463
			Total ..
			1,37,460
Indirect .. ..	..	..	5,167
			Total, Direct and Indirect ..
			1,42,627

## No. 4.—Interest Account for and to end of 1922-1923.

		Amount.			Amount.
Total interest charges to end of 1921-1922 ..	..	RS. 49,31,648	Net revenue realized to end of 1921-1922 ..	..	RS. 4,37,59,247
Total interest charges for the year 1922-1923 ..	..	1,58,457	Net revenue realized during 1922-1923 ..	..	4,78,378
Balance net revenue ..	..	3,91,47,620			
	Total ..	4,42,37,625		Total ..	4,42,37,625

## CAUVERY DELTA SYSTEM—Canal Project.

## No. 5.—Account of Indirect Charges for and to end of 1922-1923.

Particulars.	Previous.	1922-1923.	Total.
<b>Capital—</b>	RS.	RS.	RS.
Capitalization of abatement of land revenue .. ..	79,097	..	79,097
Leave and pension allowances .. ..	1,24,057	3,397	1,27,454
Audit and accounts .. ..	757	873	1,630
<b>Total ..</b>	<b>2,03,911</b>	<b>4,270</b>	<b>2,08,181</b>
<b>Revenue—</b>			
Capitalization of abatement of land revenue .. ..	14,829	..	14,829
Leave and pension allowances .. ..	7,08,720	29,505	7,29,225
Audit and accounts .. ..	4,660	5,034	9,694
<b>Total ..</b>	<b>7,28,209</b>	<b>25,539</b>	<b>7,53,748</b>
<b>Grand Total ..</b>	<b>9,32,120</b>	<b>29,809</b>	<b>9,61,929</b>

## 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.
<i>Direct charges.</i>	RS.	RS.	RS.	RS.	RS.	RS.	RS.		RS.
Works .. ..	13,07,547	21,00,637	34,08,184	2,60,105	6,71,902	4,11,797	36,68,289		
Establishment .. ..	3,07,377	4,22,733	7,30,110	79,472	1,55,217	75,745	8,09,582		
Tools and plant .. ..	40,659	55,559	96,218	2,657	9,370	6,713	98,875		
Suspense account .. ..	..	..	..	..	..	..	..		
<b>Total ..</b>	<b>16,55,583</b>	<b>25,78,929</b>	<b>42,34,512</b>	<b>3,42,234</b>	<b>8,36,489</b>	<b>4,94,255</b>	<b>45,76,746</b>		
<i>Less—Receipts on Capital account.</i>	1,985	..	1,985	..	..	..	1,985		
<b>Net Total ..</b>	<b>16,53,598</b>	<b>25,78,929</b>	<b>42,32,527</b>	<b>3,42,234</b>	<b>8,36,489</b>	<b>4,94,255</b>	<b>45,74,761</b>		
<i>Indirect charges.</i>									
Capitalized abatement of land revenue .. ..	66,184	12,918	79,097	..	..	..	79,097	Mis. 188 I., 31st May 1918.	1,470
Leave and pension allowances .. ..	57,144	69,182	1,16,326	11,128	..	— 11,128	1,27,454	36 I., 4th Feb. 1919.	3,270
Audit and accounts .. ..	..	86	86	1,544	..	— 1,544	1,630	290 I., 12th July 1917.	1,80,000
<b>Total ..</b>	<b>1,23,328</b>	<b>72,181</b>	<b>1,95,509</b>	<b>12,672</b>	<b>..</b>	<b>— 12,672</b>	<b>2,08,181</b>	Mis. 102 I., 9th April 1918.	7,360
<b>Grand Total ..</b>	<b>17,76,926</b>	<b>26,51,110</b>	<b>44,28,036</b>	<b>3,54,906</b>	<b>8,26,489</b>	<b>4,81,583</b>	<b>47,82,942</b>	Mis. 288 I., 1st October 1919.	6,560
								Mis. 6 I., 5th Jan. 1920.	2,700
								Mis. 64 I., 11th February 1920.	8,700
								Mis. 400 I., 15th Dec. 1920.	55,300
								Mis. 344 I., 4th Nov. 1920.	13,800
								Mis. 127 I., 21st April 1921.	1,050
								Mis. 168 I., 30th May 1921.	14,350
								Press 175 I., 7th June 1921.	30,700
								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
								Mis. 459 I., 23rd November 1921.	2,63,000
								Mis. 137 I., 2nd May 1921.	4,150
								Mis. 111 I., 31st March 1922.	19,000
								Mis. 40 I., 6th February 1922.	1,700
								Mis. 69 I., 22nd February 1922.	9,800
								Mis. 58 I., 15th February 1922.	1,120
<b>Total ..</b>								<b>Total ..</b>	<b>6,65,449</b>

## IRRIGATION BRANCH.

## PUBLIC WORKS DEPARTMENT.

NANDYAR CHANNEL SYSTEM—*Canal Project.*

## No. 2.—Capital Account for and to end of 1922–1923.

Heads of account.	DIRECT CHARGES.			Cost of construction as now estimated (construction estimate closed).	Expenditure against closed estimate.
	Previous.	1922–1923.	Total.		
	RS.		RS.	RS.	RS.
<b>I. WORKS—</b>					
(2) <i>Main Canals and Branches—</i>					
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."

## ADMINISTRATIVE ACCOUNTS FOR THE YEAR 1922-1923.

MADRAS PRESIDENCY.

## NANDYAR CHANNEL SYSTEM—Canal Project.

## No. 3.—Revenue Accounts for and to end of 1922-1923.

Receipts	TOTAL.			Charges.	TOTAL.		
	Previous.	1922-1923.	Total.		Previous.	1922-1923.	Total.
<b>I. DIRECT RECEIPTS—</b>	RS.	RS.	RS.	<b>I. EXTENSIONS AND IMPROVEMENTS—</b>	RS.	RS.	RS.
5. Receipts from plantation ..	2,531	404	2,935	(1) Head works ..	2,217	..	2,217
6. Receipts from other canal produce ..	1,528	..	1,528	(2) Main canals and branches ..	3,501	..	3,501
9. Rent of buildings ..	16	4	20	(3) Distributaries ..	558	..	558
11. Miscellaneous ..	2,563	..	2,563	(4) Drainage and protective works ..	..	..	..
				(5) Special tools and plant ..	..	..	..
Total, Revenue realized in the Public Works Department ..	6,638	408	7,046	Total ..	6,276	..	6,276
Irrigation revenue realized in the Civil Department.	87,249	5,971	93,220	<b>II. MAINTENANCE AND REPAIRS—</b>			
Total, Direct Receipts ..	93,887	6,379	1,00,266	(1) Head works ..	5,078	..	5,078
<b>II. INDIRECT RECEIPTS—</b>				(2) Main canals and branches ..	47,553	2,574	50,127
Share of Land Revenue collected in the Civil Department ..	1,182	54	1,236	(3) Distributaries ..	7,061	..	7,061
Total, Public Works and Civil Departments, Revenue ..	95,069	6,433	1,01,502	(4) Drainage and protective works ..	..	..	..
				(5) Special tools and plant ..	..	..	..
				Add—Unclassifiable outlay ..	..	..	..
				Total ..	59,692	2,574	62,266
				Total, Extensions and Improvements and Maintenance and Repairs ..	65,968	2,574	68,542
				IV. ESTABLISHMENT ..	17,235	1,501	18,736
				V. TOOLS AND PLANT ..	583	59	642
				VI. REFUNDS OF REVENUE ..	..	..	..
				Total, Direct Charges ..	83,786	4,134	87,920
				Share of collection charges in the Civil Department ..	4,419	301	4,720
				Indirect charges ..	2,592	236	2,828
				Total, Direct and Indirect Charges ..	90,797	4,671	95,468
				* Deduct—Old maintenance charges saved to Government ..	28,047	5,443	33,490
				Net Revenue ..	62,750	772	61,978
				Balance, net revenue ..	32,319	7,205	39,524
Total, Receipts ..	95,069	6,433	1,01,502	Grand Total ..	95,069	6,433	1,01,502

		Rs.	
* Deduct—	Extensions and Improvements ..	..	2,836
	Maintenance and Repairs ..	..	371
	Establishment ..	..	1,870
	Tools and plant ..	..	73
			5,150
	Indirect ..	..	293
	Total ..		5,443

## No. 4.—Interest Account for and to end of 1922-1923.

	Amount.			Amount.	
	RS.	RS.		RS.	RS.
Total interest charges to end of 1920-1921 ..	55,535	..	Net revenue realized to end of 1921-1922 ..	..	32,319
Total interest charges for the year 1921-1922 ..	2,137	..	Net revenue realized during 1922-1923 ..	..	7,205
Balance, net revenue ..	..	..	Balance, net interest charges ..	..	18,148
Total ..	57,672	..	Total ..	..	57,672

## No. 5.—Account of Indirect Charges for and to end of 1922-1923.

Particulars.			Previous.	1921-1922.	Total.
			RS.	RS.	RS.
<b>CAPITAL—</b>					
Capitalization of abatement of land revenue ..	..	..	838	..	838
Leave and pension allowances ..	..	..	1,646	..	1,646
Audit and accounts ..	..	..	..	..	..
Total ..			2,484	..	2,484
<b>REVENUE—</b>					
Capitalization of abatement of land revenue ..	..	..	142	..	142
Leave and pension allowances ..	..	..	2,412	210	2,622
Audit and accounts ..	..	..	38	26	64
Total ..			2,592	236	2,828
Grand Total ..			5,076	236	5,312

## IRRIGATION BRANCH.

## PUBLIC WORKS DEPARTMENT.

## 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.
<i>Direct Charges.</i>	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		
<i>Less—Receipts on Capital Account.</i>	..	..	..	..	..	..	..		
Net Total ..	53,490	9,741	63,231	..	..	..	63,231		
<i>Indirect Charges.</i>									
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		

PERIYAR SYSTEM—*Tank Project.*

## No. 2.—Capital Account for and to end of 1922-1923.

Heads of account.	DIRECT CHARGES.			Amount of construction as now estimated (construction estimate closed on 31st March 1897).	Expenditure against closed estimate.
	Previous.	1922-1923.	Total.		
<b>I. WORKS—</b>	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	..	43,18,518	43,18,519	43,18,519
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 .. .. .	52,34,902	..	52,34,902	52,34,903	52,34,903
(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	1,79,109	1,79,109
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	33,042	33,042
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	15,67,690	15,67,690
(3) <i>Distributaries—</i>					
A. Preliminary expenses .. .. .	10,734	..	10,734	10,734	10,734
B. Land .. .. .	91,939	226	91,713	93,728	90,985
C. Works .. .. .	3,58,990	689	3,59,679	3,70,344	3,51,277
D. Regulators .. .. .	22,401	..	22,401	22,401	22,401
E. Falls and weirs .. .. .	86,010	..	86,010	86,260	86,260
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 .. .. .	6,624	481	7,103	7,050	7,050
L. Earthwork .. .. .	4,01,904	300	4,02,204	4,07,713	4,01,402
O. Miscellaneous .. .. .	27,027	..	27,027	26,844	26,531
P. Maintenance .. .. .	22,858	5	22,863	22,858	22,858
Total .. .. .	10,80,396	1,249	10,81,645	10,99,841	10,71,467
(4) <i>Drainage and Protective works—</i>					
B. Land .. .. .	16,179	..	16,179	43,739	16,179
C. Works .. .. .	1,033	..	1,033	23,163	1,033
L. Earthwork .. .. .	13,272	..	13,272	22,592	13,272
O. Miscellaneous .. .. .	3,882	..	3,882	3,882	3,882
Total .. .. .	34,366	..	34,366	93,376	34,366
(5) <i>Special tools and plant</i> .. .. .	..	..	..	..	..
Provision for unforeseen works .. .. .	..	..	..	..	..
Total, Works .. .. .	79,14,786	1,249	79,16,035	79,95,810	79,08,366
II. ESTABLISHMENT .. .. .	16,51,608	728	16,52,336	16,69,027	16,48,594
III. TOOLS AND PLANT .. .. .	7,66,860	28	7,66,888	7,68,256	7,66,827
Grand Total .. .. .	1,03,33,254	2,005	1,03,35,259	1,04,33,093	1,03,23,787
V. <i>Less—RECEIPTS ON CAPITAL ACCOUNT</i> .. .. .	17,936	..	17,936	17,936	17,936
(a) Net Total .. .. .	1,03,15,318	2,005	1,03,17,323	1,04,15,157	1,03,05,851
Chargeable to 49. Irrigation works .. .. .	1,03,11,093	..	1,03,11,093	..	..
Do. to 55. A. Irrigation works—1. Productive.	4,225	2,005	6,230	..	..
Total .. .. .	1,03,15,318	2,005	1,03,17,323	..	..

## IRRIGATION BRANCH.

## PUBLIC WORKS DEPARTMENT.

## PERIYAR SYSTEM—Tank Project.

## No. 3.—Revenue Account for and to end of 1922–1923.

Receipts.	TOTAL.			Charges.	TOTAL.		
	Previous.	1922–1923.	Total.		Previous.	1922–1923.	Total.
<b>I. DIRECT RECEIPTS—</b>	RS.	RS.	RS.	<b>I. EXTENSIONS AND IMPROVEMENTS—</b>	RS.	RS.	RS.
4. Water-supply of towns .. ..	645	..	645	(1) Head works .. ..	48,531	1,542	50,073
5. Receipts from plantations .. ..	21,191	6,274	27,465	(2) Main canals and branches .. ..	27,097	767	27,864
6. Receipts from other canal produce	1,21,869	10,706	1,32,575	(3) Distributaries .. ..	2,17,329	6,426	2,23,755
8. Receipts from navigation .. ..	9,173	535	9,708	(4) Drainage and protective works .. ..	16,984	..	16,984
9. Rents of buildings.. ..	9,458	253	9,711	(5) Special tools and plant .. ..	1	82	83
10. Fines .. ..	80	..	80	Total .. ..	3,09,942	8,817	3,18,759
11. Miscellaneous .. ..	33,291	915	34,206	<b>II. MAINTENANCE AND REPAIRS—</b>			
Total, Revenue realized in the Public Works Department .. ..	1,95,707	18,683	2,14,390	(1) Head works .. ..	2,39,998	11,986	2,51,984
Irrigation revenue realized in Civil Department .. ..	1,25,68,438	7,62,594	1,33,31,032	(2) Main canals and branches .. ..	3,86,678	48,223	4,34,901
Total, Direct Receipts .. ..	1,27,64,145	7,81,277	1,35,45,422	(3) Distributaries .. ..	5,42,509	33,119	5,75,628
<b>II. INDIRECT RECEIPTS—</b>				(4) Drainage and protective works .. ..	10,209	57	10,266
Share of land revenue collected in the Civil Department .. ..	9,51,689	52,580	10,04,269	(5) Special tools and plant .. ..	11,903	3,199	15,102
Total, Public Works and Civil Departments, Revenue .. ..	1,37,15,834	8,33,857	1,45,49,691	Total .. ..	11,90,297	96,584	12,86,881
				<b>III. COMPENSATION</b> .. ..	11,33,083	42,965	11,76,048
				Total, Extensions and Improvements and Maintenance and Repairs .. ..	2,63,322	1,48,366	2,78,688
				<b>IV. ESTABLISHMENT</b> .. ..	10,40,249	86,529	11,26,778
				<b>V. TOOLS AND PLANT</b> .. ..	80,663	3,373	84,036
				<b>VI. REFUNDS OF REVENUE</b> .. ..	2,619	..	2,619
				Total, Direct Charges .. ..	37,56,853	2,38,268	39,95,121
				Share of collection charges in the Civil Department .. ..	6,42,380	38,721	6,81,101
				Indirect charges .. ..	1,71,743	13,599	1,85,342
				Total, Direct and Indirect Charges .. ..	45,70,976	2,90,588	48,61,564
				Deduct—* Old maintenance charges saved to Government .. ..	7,55,219	43,962	7,99,181
				Net Total .. ..	38,15,757	2,46,626	40,62,383
				Balance, net revenue, .. ..	99,00,077	5,87,231	1,04,87,308
Total, Receipts .. ..	1,37,15,834	8,33,857	1,45,49,691	Grand Total .. ..	1,37,15,834	8,33,857	1,45,49,691

\* Direct—

	RS.
Extensions and improvements .. ..	4,474
Maintenance and repairs .. ..	21,422
Establishment.. ..	15,103
Tools and plant .. ..	589
Total .. ..	41,588
Indirect .. ..	2,374
Total, Direct and Indirect .. ..	43,962

## ADMINISTRATIVE ACCOUNTS FOR THE YEAR 1922-1923.

MADRAS PRESIDENCY.

## PERIYAR SYSTEM—Tank Project.

## No. 4.—Interest Account for and to end of 1922-1923.

	Amount.			Amount.	
	RS.			RS.	
Total interest charges to end of 1921-1922 .. ..	1,02,22,686		Net revenue realized to end of 1921-1922 .. ..		99,00,077
Total interest charges for the year 1922-1923 .. ..	3,43,516		Net revenue realized during 1922-1923.. ..		5,87,231
			Balance, net interest charges .. ..		78,894
Total ..	1,05,66,202		Total ..		1,05,66,202

## No. 5.—Account of Indirect Charges for and to end of 1922-1923.

Particulars.	Previous.	1922-1923.	Total.
<b>CAPITAL—</b>	RS.	RS.	RS.
Capitalization of abatement of land revenue .. ..	1,36,458	..	1,36,458
Leave and pension allowances .. ..	2,31,146	162	2,31,248
Audit and accounts .. ..	28	12	40
Total ..	3,67,632	114	3,67,746
<b>REVENUE—</b>			
Capitalization of abatement of land revenue .. ..	25,601	..	25,601
Leave and pension allowances .. ..	1,44,804	12,115	1,56,919
Audit and accounts .. ..	1,338	1,484	2,822
Total ..	1,71,743	13,599	1,85,342
Grand Total ..	5,39,375	13,713	5,53,088

## 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 estimates.	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 ..	60,69,752	18,38,614	79,08,366	7,669	87,444	79,775	79,16,085		
Establishment ..	13,46,177	3,02,417	16,48,594	3,742	20,433	16,691	16,52,386		
Tools and plant ..	7,28,291	38,536	7,66,827	61	1,429	1,268	7,66,888		
Suspense account ..	..	..	..	..	..	..	..		
Total ..	81,44,220	21,79,567	1,03,23,787	11,472	1,09,306	97,834	1,03,35,259		
Less—Receipts on Capital Account.	14,203	3,733	17,936	..	..	..	17,936		
Net Total ..	81,30,017	21,75,834	1,03,05,851	11,472	1,09,306	97,834	1,03,17,323		
<i>Indirect Charges.</i>									
Capitalized abatement of land revenue.	34,661	1,01,797	1,36,458	..	..	..	1,36,458		
Leave and pension allowances.	1,88,466	42,267	2,30,723	525	..	— 525	2,31,248		
Audit and accounts ..	..	..	..	40	..	— 40	40	Mis. 225 I., 25th June 1918.	1,850
Total ..	2,23,127	1,44,064	3,67,181	565	..	— 565	3,67,746	Mis. 49 I., 28th Jan. 1920.	59,010
Grand Total ..	83,53,144	23,19,888	1,06,73,032	12,037	1,09,306	7,269	1,06,85,089	Mis. 176 I., 1st June 1920.	2,075
								Mis. 287 I., 23rd Sep. 1920.	1,035
								Mis. 298 I., 7th Oct. 1920.	1,650
								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 ..	87,444

## IRRIGATION BRANCH.

## PUBLIC WORKS DEPARTMENT.

SRIVAİKUNTAM ANICUT SYSTEM—*Canal Project.*

## No. 2.—Capital Account for and to end of 1922-1923.

Heads of account.	DIRECT CHARGES.			Cost of construction as now estimated (construction estimate closed on 31st March 1889).	Expenditure against closed estimate.
	Previous.	1922-1923.	Total.		
<b>I. WORKS—</b>	RS.	RS.	RS.	RS.	RS.
(1) <i>Head Works—</i>					
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) <i>Main Canals and Branches—</i>					
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 ... ..	3,57,576	4,644	3,62,220	3,63,378	3,55,198
O. Miscellaneous ... ..	1,312	...	1,312	1,129	1,129
Total ...	7,74,235	4,644	7,78,879	7,80,036	7,71,856
(3) <i>Distributaries—</i>					
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) <i>Drainage and Protective Works—</i>					
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) <i>Special tools and plant</i> ... ..	...	...	...	...	...
Provision for unforeseen works ... ..	...	...	...	...	...
Total, Works ...	13,18,295	4,644	13,22,939	13,24,096	13,15,916
II. ESTABLISHMENT ... ..	3,30,373	2,709	3,33,082	3,31,871	3,30,031
III. TOOLS AND PLANT ... ..	10,683	106	10,789	10,799	10,676
Grand Total ...	16,59,351	7,459	16,66,810	16,66,766	16,56,623
V. <i>Less—RECEIPTS ON CAPITAL ACCOUNT</i> ... ..	369	...	369	369	369
(a) <i>Net Total</i> ...	16,58,982	7,459	16,66,441	16,66,397	16,56,254
Chargeable to 49. Irrigation works—	16,55,399	...	16,55,399	...	...
Do. 55-A. Irrigation works	3,583	7,459	11,042	...	...
—1. Productive.					
Total ...	16,58,982	7,459	16,66,441	...	...

SRIVAİKUNTAM ANICUT SYSTEM—*Canal Project.*  
No. 3.—Revenue Account for and to end of 1922-1923.

Receipts.	TOTAL.			Charges.	TOTAL.		
	Previous.	1922-1923.	Total.		Previous.	1922-1923.	Total.
<b>I. DIRECT RECEIPTS—</b>	RS.	RS.	RS.	<b>I. EXTENSIONS AND IMPROVEMENTS—</b>	RS.	RS.	RS.
Water-supply of towns.	32,831	..	32,831	(1) Head works .. .. .	6,726	..	6,726
Receipts from plantations .. ..	12,870	6,929	19,799	(2) Main canals and branches ..	67,111	741	67,852
Receipts from other canal produce ..	51,421	1,041	52,462	(3) Distributaries .. .. .	30,324	231	30,555
Water power .. .. .	171	..	171	(4) Drainage and protective works ..	10,468	18,308	28,776
Rents of buildings .. .. .	12,416	399	12,815	(5) Special tools and plant .. ..	..	..	..
Fines .. .. .	50	..	50	Total ..	1,14,629	19,250	1,33,909
Miscellaneous .. .. .	8,898	18	8,916	<b>II. MAINTENANCE AND REPAIRS—</b>			
Total, Revenue realized in Public Works Department .. .. .	1,18,657	8,387	1,27,044	(1) Head works .. .. .	75,404	4,901	80,305
Irrigation Revenue realized in Civil Department .. .. .	52,72,390	1,56,179	54,28,569	(2) Main canals and branches ..	5,93,931	11,434	6,10,365
Total, Direct Receipts ..	53,91,047	1,64,566	55,55,613	(3) Distributaries .. .. .	2,05,500	2,487	2,07,987
<b>II. INDIRECT RECEIPTS—</b>				(4) Drainage and protective works ..	43,958	16,314	60,272
Share of land revenue collected in the Civil Department .. .. .	82,259	1,490	83,749	(5) Special tools and plant .. ..	12	..	12
Total, Public Works and Civil Departments, Revenue .. .. .	54,73,306	1,66,056	56,39,362	Add—Unclassifiable outlay ..	..	..	..
Total, Receipts ..	54,73,306	1,66,056	56,39,362	Total ..	9,23,305	35,136	9,58,941
				Total, Extensions and Improvements and Maintenance and Repairs ..	10,38,434	54,416	10,92,850
				IV. ESTABLISHMENT .. .. .	5,35,002	31,736	5,66,738
				V. TOOLS AND PLANT .. .. .	7,796	1,238	9,034
				VI. REFUNDS OF REVENUE .. .. .	660	..	660
				Total, Direct Charges ..	15,81,892	87,390	16,69,282
				Share of collection charges in the Civil Department .. .. .	2,84,296	7,883	2,92,179
				Indirect charges .. .. .	81,716	4,987	86,703
				Total, Direct and Indirect Charges ..	19,47,904	1,00,260	20,48,164
				Deduct—* Old maintenance charges saved to Government .. .. .	3,79,223	9,438	3,88,661
				Net Total ..	15,68,681	90,822	16,59,503
				Balance, net revenue ..	39,04,825	75,234	39,79,859
				Grand Total ..	54,73,306	1,66,056	56,39,362

		RS.					
* Direct—							
Extensions and Improvements	.. .. .						352
Maintenance and Repairs	.. .. .						5,208
Establishment	.. .. .						3,242
Tools and plant	.. .. .						126
							8,928
Indirect	.. .. .						510
							Total .. 9,438

No. 4.—Interest Account for and to end of 1922-1923.

	Amount.		Amount.
	RS.		RS.
Total interest charges to end of 1921-1922 ..	26,70,567	Net revenue realized to end of 1921-1922 ..	39,04,625
Total interest charges for the year 1922-1923 ..	56,579	Net revenue realized during 1922-1923 ..	75,234
Balance, net revenue	12,52,713		
Total ..	39,79,859	Total ..	39,79,859

## IRRIGATION BRANCH.

## PUBLIC WORKS DEPARTMENT.

SRIVAİKUNTAM ANICUT SYSTEM—*Canal Project.*  
No. 5.—Account of Indirect Charges for and to end of 1922-1923.

Particulars.	Previous.	1922-1923.	Total.
Capital—	rs.	rs.	rs.
Capitalization of abatement of land revenue .. .. .	41,229	..	41,229
Leave and pension allowances .. .. .	65,881	379	66,260
Audit and accounts .. .. .	24	46	70
Total ..	1,07,134	425	1,07,559
Revenue—			
Capitalization of abatement of land revenue .. .. .	410	..	410
Leave and pension allowances .. .. .	81,082	4,443	85,525
Audit and accounts .. .. .	224	544	768
Total ..	81,716	4,987	86,703
Grand Total ..	1,88,850	5,412	1,94,262

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 .. .. .	10,50,679	2,65,237	13,15,916	7,023	8,180	1,157	13,22,939	Direct charges—	
Establishment .. .. .	2,90,193	39,833	3,30,031	3,051	1,840	- 1,211	3,33,082		
Tools and plant .. .. .	10,524	152	10,676	113	123	10	10,789		
Suspense account .. .. .	..	..	..	..	..	..	..		
Total ..	13,51,396	3,05,227	16,56,623	10,187	10,143	- 44	16,66,810		
<i>Loss—Receipts on Capital account.</i>	369	..	369	..	..	..	369	Mis. 317 I., 19th Oct. 1920.	8,180
Net Total ..	13,51,027	3,05,227	16,56,254	10,187	10,143	- 44	16,66,441		
<i>Indirect Charges.</i>									
Capitalized abatement of land revenue .. .. .	40,408	821	41,229	..	..	..	41,229		
Leave and pension allowances .. .. .	60,259	5,577	65,836	424	..	- 424	66,260		
Audit and accounts .. .. .	..	..	..	70	..	- 70	70		
Total ..	1,00,667	6,398	1,07,065	494	..	- 494	1,07,559		
Grand Total ..	14,51,694	3,11,625	17,63,319	10,681	10,143	- 538	17,74,000		

## ADMINISTRATIVE ACCOUNTS FOR THE YEAR 1922-1923.

## MADRAS PRESIDENCY.

MARUDUR ANICUT SYSTEM—*Canal Project.*

## No. 2.—Capital Account for and to end of 1922-1923.

Heads of account.	DIRECT CHARGES.			Cost of construction as now estimated (construction estimate closed in 1893).	Expenditure against closed estimate.
	Previous.	1922-1923.	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	25,056	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."

## IRRIGATION BRANCH.

## PUBLIC WORKS DEPARTMENT.

MARUDUR ANICUT SYSTEM—*Canal Project.*  
No. 3.—Revenue Account for and to end of 1922-1923.

Receipts.	TOTAL.			Charges.	TOTAL.		
	Previous.	1922-1923.	Total.		Previous.	1922-1923.	Total.
<b>I. DIRECT RECEIPTS—</b>	RS.	RS.	RS.	<b>I. EXTENSIONS AND IMPROVEMENTS—</b>	RS.	RS.	RS.
5. Receipts from plantations .. ..	3,227	3,328	6,555	(1) Head works .. ..	30	..	30
6. Receipts from other canal produce .. ..	15,768	..	15,768	(2) Main canals and branches .. ..	11,185	625	11,810
Rents of buildings .. ..	..	10	10	(3) Distributaries .. ..	19,377	259	19,636
11. Miscellaneous .. ..	2,603	8	2,611	(4) Drainage and protective works .. ..	4,094	..	4,094
				(5) Special tools and plant .. ..	..	..	..
				Add—Unclassifiable outlay .. ..	11,000	..	11,000
				Total .. ..	36,686	884	37,570
Total revenue realized in Public Works Department .. ..	21,598	3,346	24,944	<b>II. MAINTENANCE AND REPAIRS—</b>			
Irrigation revenue realized in Civil Department .. ..	38,94,211	99,175	39,93,386	(1) Head works .. ..	14,880	2,787	17,667
				(2) Main canals and branches .. ..	1,71,689	48,982	1,76,681
				(3) Distributaries .. ..	99,148	261	99,409
				(4) Drainage and protective works .. ..	7,986	900	8,886
				(5) Special tools and plant .. ..	..	..	..
				Add—Unclassifiable outlay .. ..	1,98,634	..	1,98,634
				Total .. ..	4,92,337	8,840	5,01,177
<b>Total, Direct Receipts ..</b>	<b>39,15,809</b>	<b>1,02,521</b>	<b>40,18,330</b>	Total, Extensions and Improvements and Maintenance and Repairs .. ..	5,29,023	9,724	5,38,747
<b>II. INDIRECT RECEIPTS—</b>				<b>IV. ESTABLISHMENT .. ..</b>	<b>1,23,768</b>	<b>5,671</b>	<b>1,29,439</b>
Share of land revenue collected in the Civil Department .. ..	11,428	270	11,698	<b>V. TOOLS AND PLANT .. ..</b>	<b>217</b>	<b>221</b>	<b>438</b>
				<b>VI. REFUNDS OF REVENUE .. ..</b>	<b>145</b>	<b>..</b>	<b>145</b>
				Total, Direct Charges .. ..	6,53,153	15,616	6,68,769
Total, Public Works and Civil Departments, revenue ..	39,27,257	1,02,791	40,30,028	Share of collection charges in the Civil Department .. ..	1,95,282	4,972	2,00,254
				Indirect charges .. ..	17,835	861	18,726
				Total, Direct and Indirect Charges .. ..	8,66,270	21,479	8,87,749
				Deduct—Old maintenance charges saved to Government (a). .. ..	1,36,916	7,978	1,44,894
				Net Total .. ..	7,29,354	13,501	7,42,855
				Balance, net revenue .. ..	31,97,883	89,290	32,87,173
<b>Total, Receipts ..</b>	<b>39,27,257</b>	<b>1,02,791</b>	<b>40,30,028</b>	<b>Grand Total ..</b>	<b>39,27,237</b>	<b>1,02,791</b>	<b>40,30,028</b>

	RS.
(a) Extensions and improvements .. ..	200
Maintenance and repairs .. ..	4,500
Establishment .. ..	2,741
Tools and plant .. ..	106
Total, Direct Charges .. ..	7,547
Indirect Charges .. ..	431
<b>Grand Total ..</b>	<b>7,978</b>

## No. 4.—Interest Account for and to end of 1922-1923.

	Amount.		Amount.
	RS.		RS.
Total interest charges to end of 1921-1922 .. ..	70,400	Net revenue realized to end of 1921-1922 .. ..	31,97,883
Total interest charges for the year 1922-1923 .. ..	1,680	Net revenue realized during 1922-1923 .. ..	89,290
Balance, net revenue .. ..	32,15,093		
<b>Total ..</b>	<b>32,87,173</b>	<b>Total ..</b>	<b>32,87,173</b>

## No. 5.—Account of Indirect Charges for and to end of 1922-1923.

Particulars.	Previous.	1922-1923.	Total.
<b>CAPITAL—</b>	RS.	RS.	RS.
Leave and pension allowances .. ..	1,265	..	1,265
Audit and accounts .. ..	..	..	..
Total .. ..	1,265	..	1,265
<b>REVENUE—</b>			
Capitalization of abatement of land revenue .. ..	444	..	444
Leave and pension allowances .. ..	17,325	794	18,119
Audit and accounts .. ..	66	97	163
Total .. ..	17,835	891	18,726
<b>Grand Total ..</b>	<b>19,100</b>	<b>891</b>	<b>19,991</b>

## ADMINISTRATIVE ACCOUNTS FOR THE YEAR 1922-1923. MADRAS PRESIDENCY.

## 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.
Works .. ..	32,590	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	..		
Suspense 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		

## RUSHIKULYA SYSTEM—Tank Project.

## No. 2.—Capital Account for and to end of 1922-1923.

Heads of account.	DIRECT CHARGES.			Cost of construction as now estimated (construction estimate closed on 31st March 1901).	Expenditure against closed estimate.
	Previous.	1922-1923.	Total.		
	RS.	RS.	RS.	RS.	RS.
<b>I. WORKS—</b>					
(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	13,62,312	13,55,132
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	15,97,739	15,90,559
(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	..	2,715	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	..	16,68,391	16,80,386	16,70,156
(3) <i>Distributaries—</i>					
A. Preliminary expenses .. .. .	5,577	..	5,577	5,577	5,577
B. Land .. .. .	85,688	2,495	88,183	88,540	84,580
C. Works .. .. .	1,72,892	810	1,73,702	1,80,530	1,66,419
L. Earthwork .. .. .	3,00,483	9	3,00,492	3,00,789	2,96,719
O. Miscellaneous .. .. .	3,619	..	3,619	4,378	3,619
Total .. .. .	5,68,259	3,314	5,71,573	5,79,814	5,55,914
(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 .. .. .	38,38,946	3,314	38,42,260	38,62,083	38,20,773
II. ESTABLISHMENT .. .. .	8,16,689	2,305	8,17,994	8,16,968	8,08,344
III. TOOLS AND PLANT .. .. .	1,27,963	100	1,28,063	1,27,977	1,27,479
Grand Total .. .. .	47,82,598	5,719	47,88,317	48,07,028	47,56,596
V. <i>Loss—RECEIPTS ON CAPITAL ACCOUNT</i> .. .. .	65,853	..	65,853	65,853	65,853
Net Total .. .. .	47,16,745	5,719	47,22,464	47,41,175	46,90,743
Chargeable to "35. Protective Works—Irrigation."	47,07,008	..	47,07,008	..	..
Chargeable to "55. A. Irrigation Works—2 Unproductive."	9,737	5,719	15,456	..	..
Total .. .. .	47,16,745	5,719	47,22,464	..	..

RUSHIKULYA SYSTEM—*Tank Project—cont.*

## No. 3.—Revenue Account for and to end of 1922-1923.

Receipts.	TOTAL.			Charges.	TOTAL.		
	Previous.	1922-1923.	Total.		Previous.	1922-1923.	Total.
<b>I. DIRECT RECEIPTS—</b>	rs.	rs.	rs.	<b>I. EXTENSIONS AND IMPROVEMENTS—</b>	rs.	rs.	rs.
1. Water-rates ..	25	..	25	(1) Head works ..	25,266	1,172	26,438
3. Sale of water ..	1,950	160	2,100	(2) Main canals and branches ..	27,275	1,163	28,438
4. Water supply of town ..	15,525	1,225	16,750	(3) Distributaries ..	57,820	1,089	58,909
5. Receipts from plantations ..	5,317	..	5,317	(4) Drainage and protective works.	892	..	892
6. Receipts from other canal produce ..	18,016	1,162	19,178	(5) Special tools and plant ..	..	..	..
8. Navigation receipts ..	24	..	24	Total ..	1,11,253	3,424	1,14,677
9. Rents of buildings.	3,084	85	3,169	<b>II. MAINTENANCE AND REPAIRS—</b>			
10. Fines ..	17	..	17	(1) Head works ..	8,27,261	12,946	3,40,207
11. Miscellaneous ..	12,760	4	12,764	(2) Main canals and branches ..	5,11,947	20,069	5,32,016
<i>Deduct—Refunds ..</i>	50	..	50	(3) Distributaries ..	2,12,774	8,208	2,20,982
Total Revenue realized in Public Works Department.	56,668	2,626	59,294	(4) Drainage and protective works.	2,045	374	2,419
Irrigation revenue realized in Civil Department ..	35,00,119	1,86,316	36,86,435	(5) Special tools and plant ..	1,383	..	1,383
Total, Direct Receipts.	35,56,787	1,88,942	37,45,729	Total ..	10,55,890	41,597	10,96,987
<b>II. INDIRECT RECEIPTS—</b>				Total, Extensions and Improvements and Maintenance and Repairs ..	11,66,643	45,021	12,11,664
Share of land revenue collected in the Civil Department.	88,187	4,572	92,759	<b>IV. ESTABLISHMENT</b> ..	3,02,981	31,308	3,34,289
Total, Public Works and Civil Departments, Revenue.	36,44,974	1,93,514	38,38,488	<b>V. TOOLS AND PLANT</b> ..	27,906	1,364	29,270
Total, Receipts ..	36,44,974	1,93,514	38,38,488	<b>VI. REFUNDS OF REVENUE</b> ..	88	..	88
				Total, Direct Charges ..	14,97,618	77,693	15,75,311
				Share of collection charges in the Civil Department ..	1,78,440	9,484	1,87,924
				Indirect charges ..	44,130	4,833	48,963
				Total, Direct and Indirect charges ..	17,20,188	92,010	18,12,198
				* <i>Deduct—Old maintenance charge saved to Government</i> ..	49,056	10,233	59,289
				Net total ..	16,71,132	81,777	17,52,909
				Balance, net revenue ..	19,73,842	1,11,787	20,85,629
				Grand Total ..	36,44,974	1,93,514	38,38,488

	rs.	
* Direct—		
Extensions and Improvements ..	..	1,475
Maintenance and Repairs ..	..	4,108
Establishment ..	..	8,882
Tools and plant ..	..	169
Total ..	9,634	
Indirect ..	..	599
		10,233

## No. 4.—Interest Account for and to end of 1922-1923.

	Amount.		Amount.
	rs.		rs.
Total interest charges to end of 1921-1922 ..	51,16,569	Net revenue realized to end of 1921-1922 ..	19,73,842
Total interest charges for the year 1922-1923 ..	1,57,917	Net revenue realized during 1922-1923 ..	1,11,737
Total ..	52,74,486	Balance, net interest charges ..	31,88,907
		Total ..	52,74,486

## IRRIGATION BRANCH.

## PUBLIC WORKS DEPARTMENT.

RUSHIKULYA SYSTEM—Tank Project—cont.  
 No. 5.—Account of Indirect Charges for and to end of 1922-1923.

Particulars.		Previous.	1922-1923.	Total.
<b>Capital—</b>				
Capitalization of abatement of land revenue	.. .. .	RS. 3,00,163	RS. ..	RS. 3,00,163
Leave and pension allowances	.. .. .	1,14,196	323	1,14,519
Audit and accounts	.. .. .	61	83	94
Total		4,14,420	356	4,14,776
<b>Revenue—</b>				
Capitalization of abatement of land revenue	.. .. .	1,240	..	1,240
Leave and pension allowances	.. .. .	42,416	4,383	46,799
Audit and accounts	.. .. .	474	450	924
Total		44,130	4,833	48,963
Grand total		4,58,550	5,189	4,63,739

## 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.
<i>Direct charges.</i>									
Works	RS. 35,19,326	RS. 3,01,447	RS. 38,20,773	RS. 21,487	RS. 41,310	RS. 19,823	RS. 38,42,260		
Establishment	7,46,990	61,354	8,08,344	9,650	8,624	— 1,026	8,17,994		
Tools and plant	1,26,941	538	1,27,479	584	498	— 86	1,28,063		
Suspense account	..	..	..	..	..	..	..		
Total	43,93,257	3,63,339	47,56,596	31,721	50,432	18,711	47,88,317		
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	43,85,406	3,05,337	46,90,743	31,721	50,432	18,711	47,22,464		
<i>Indirect charges.</i>									
Capitalized abatement of land revenue.	2,92,911	7,252	3,00,163	..	..	..	3,00,163	Mis. 146 I., 4th May 1920.	4,570
Leave and pension allowances.	1,04,579	8,589	1,13,168	1,351	..	— 1,351	1,14,519	Mis. 90 I., 12th March 1921.	3,150
Audit and accounts	..	12	12	82	..	— 82	94	Mis. 111 I., 31st March 1921.	7,980
								Mis. 358 I., 12th Sep. 1921.	5,660
								Mis. 422 I., 20th Oct. 1921	6,300
								Mis. 100 I., 21st March 1922.	1,170
Total	3,97,490	15,853	4,13,343	1,433	..	— 1,433	4,14,776		
Grand total	47,82,896	3,21,190	51,04,086	33,154	50,432	17,278	51,37,240	Total	41,310

## NAGAVALLI RIVER SYSTEM—Canal Project.

## No. 2.—Capital Account for and to end of 1922-1923.

Heads of account.	DIRECT CHARGES.			Cost of construction as now estimated.	Expenditure against closed estimates.
	Previous.	1922-1923.	Total.		
<b>I. WORKS—</b>	RS.	RS.	RS.	RS.	RS.
(1) <i>Head Works—</i>					
A. Preliminary expenses .. .. .	48	..	48	48	48
B. Land .. .. .	..	..	..	..	..
C. Works .. .. .	4,50,504	..	4,50,504	4,58,418	4,42,727
K. Buildings .. .. .	20,792	..	20,792	20,792	17,622
O. Miscellaneous .. .. .	..	..	..	..	..
Unforeseen works .. .. .	..	..	..	..	..
<b>Total ..</b>	<b>4,71,344</b>	<b>..</b>	<b>4,71,344</b>	<b>4,79,258</b>	<b>4,60,397</b>
(2) <i>Main Canals and Branches—</i>					
A. Preliminary expenses .. .. .	2,937	..	2,937	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	..	..
F. (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 .. .. .	10,788	..	10,788	11,018	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 .. .. .	295	..	295	7,731	..
<b>Total ..</b>	<b>5,90,179</b>	<b>..</b>	<b>5,90,179</b>	<b>5,90,519</b>	<b>5,70,679</b>
(3) <i>Distributaries—</i>					
B. Land .. .. .	24,662	..	24,662	26,992	20,934
C. Works .. .. .	99,146	..	99,146	98,807	76,674
L. Earthwork .. .. .	1,05,314	4,634	1,09,948	98,789	3,456
O. Miscellaneous .. .. .	6,897	..	6,897	4,907	..
P. Maintenance .. .. .	..	..	..	..	..
Unforeseen works .. .. .	..	..	..	..	..
<b>Total ..</b>	<b>2,36,019</b>	<b>4,634</b>	<b>2,40,653</b>	<b>2,29,495</b>	<b>1,75,269</b>
(5) <i>Special tools and plants—</i>					
Maintenance during construction .. .. .	16,500	..	..	16,500	18,375
General improvements .. .. .	..	..	..	14,259	..
<b>Total Works ..</b>	<b>13,14,042</b>	<b>4,634</b>	<b>13,18,676</b>	<b>13,30,031</b>	<b>12,24,720</b>
II. ESTABLISHMENT .. .. .	2,65,369	3,322	2,68,691	2,65,166	2,42,924
III. TOOLS AND PLANT .. .. .	93,078	141	93,219	93,199	93,355
IV. SUSPENSE ACCOUNTS .. .. .	..	..	..	..	..
<b>Grand Total ..</b>	<b>16,72,489</b>	<b>7,997</b>	<b>16,80,486</b>	<b>16,88,396</b>	<b>15,60,999</b>
V. <i>Loss—RECEIPTS ON CAPITAL ACCOUNT</i> .. .. .	3,396	..	3,396	3,396	1,374
<b>Net Total ..</b>	<b>16,69,093</b>	<b>7,997</b>	<b>16,77,090</b>	<b>16,85,000</b>	<b>..</b>
<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—	14,771	7,997	22,768	..	..
1. Productive.	..	..	..	..	..
<b>Total ..</b>	<b>16,69,093</b>	<b>7,997</b>	<b>16,77,090</b>	<b>..</b>	<b>..</b>

## NAGAVALLI RIVER SYSTEM—Canal Project.

No. 3.—Revenue Account for and to end of 1922-1923—cont.

Receipts.	TOTAL.			Charges.	TOTAL.		
	Previous.	1922-1923.	Total.		Previous.	1922-1923.	Total.
<b>I. DIRECT RECEIPTS—</b>	RS.	RS.	RS.	<b>I. EXTENSIONS AND IMPROVEMENTS—</b>	RS.	RS.	RS.
5. Receipts from plantations .. ..	6	..	6	(1) Head works .. ..	1,390	..	1,390
6. Receipts from other canal produce ..	3,237	331	3,436	(2) Main canals and branches ..	17,014	1,463	18,477
8. Navigation .. ..	1	..	1	(3) Distributaries .. ..	11,162	1,446	12,608
9. Rents of buildings ..	1,349	87	1,446	(4) Drainage and protective works ..	..	..	..
11. Miscellaneous ..	3,436	..	3,436	(5) Special tools and plant ..	..	..	..
<i>Deduct—Refunds ..</i>	<i>55</i>	<i>6</i>	<i>61</i>	Total ..	29,566	2,909	32,475
Total, Revenue realized in Public Works Department ..	7,974	422	8,396	<b>II. MAINTENANCE AND REPAIRS—</b>			
Irrigation Revenue realized in Civil Department ..	5,51,235	65,351	6,16,586	(1) Head works .. ..	55,649	3,796	59,445
<b>Total, Direct Receipts ..</b>	<b>5,59,209</b>	<b>65,773</b>	<b>6,24,982</b>	(2) Main canals and branches ..	79,881	6,230	86,111
<b>II. INDIRECT RECEIPTS—</b>				(3) Distributaries .. ..	22,576	1,058	23,634
Share of Land Revenue collected in the Civil Department ..	55,245	13,189	68,434	(4) Drainage and protective works ..	..	..	..
Total, Public Works and Civil Departments, Revenue ..	6,14,454	78,962	6,93,416	(5) Special tools and plant ..	..	..	..
				<i>Add—Unclassifiable outlay ..</i>	<i>..</i>	<i>..</i>	<i>..</i>
				Total ..	1,53,106	11,084	1,69,190
				Total, Extensions and Improvements and Maintenance and Repairs ..	1,87,872	13,993	2,01,865
				<b>IV. ESTABLISHMENT .. ..</b>	<b>78,901</b>	<b>9,730</b>	<b>88,631</b>
				<b>V. TOOLS AND PLANT .. ..</b>	<b>2,557</b>	<b>424</b>	<b>3,281</b>
				<b>VI. REFUNDS OF REVENUE .. ..</b>	<b>281</b>	<b>..</b>	<b>281</b>
				Total, Direct Charges ..	2,69,711	24,147	2,93,858
				Share of collection charges in the Civil Department .. ..	28,271	3,322	31,593
				Indirect Charges .. ..	11,210	1,502	12,712
				Total, Direct and Indirect Charges.	3,09,192	28,971	3,38,163
				<i>Deduct—Old maintenance charges saved to Government * ..</i>	<i>22,097</i>	<i>5,305</i>	<i>27,402</i>
				Net total ..	2,87,095	23,666	3,10,761
				Balance, net revenue .. ..	3,27,359	55,296	3,82,655
<b>Total Receipts ..</b>	<b>6,14,454</b>	<b>78,962</b>	<b>6,93,416</b>	<b>Grand Total ..</b>	<b>6,14,454</b>	<b>78,962</b>	<b>6,93,416</b>

\* Direct—

Extensions and Improvements .. ..	RS.	1,432
Maintenance and Repairs .. ..	1,402	
Establishment .. ..	2,012	
Tools and Plant .. ..	88	
Total ..	4,994	
Indirect .. ..	311	
	5,305	

No. 4.—Interest Account for and to end of 1922-1923.

	Amount.		Amount.
	RS.		RS.
Total interest charges to end of 1921-1922 ..	7,57,407	Net revenue realized to end of 1921-1922 ..	3,27,359
Total interest charges for the year 1922-1923 ..	56,442	Net revenue realized during 1922-1923 ..	55,296
		Balance net interest charges .. ..	4,31,194
<b>Total ..</b>	<b>8,13,849</b>	<b>Total ..</b>	<b>8,13,849</b>

NAGAVALLI RIVER SYSTEM—Canal Project.  
No. 5.—Account of Indirect Charges for and to end of 1922-1923.

Particulars.	Previous.	1922-1923.	Total.
<b>CAPITAL—</b>			
Capitalization of abatement of land revenue .. ..	RS. 4,340	RS. ..	RS. 4,340
Leave and pension allowances .. ..	37,152	461	37,603
Audit and accounts .. ..	92	46	138
Total ..	41,584	497	42,081
<b>REVENUE—</b>			
Capitalization of abatement of land revenue .. ..	..	..	..
Leave and pension allowances .. ..	11,045	1,362	12,407
Audit and accounts .. ..	165	140	305
Total ..	11,210	1,502	12,712
Grand Total ..	52,794	1,999	54,793

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 ..	12,24,720	..	12,24,720	93,956	1,05,311	11,355	13,18,676		
Establishment ..	2,42,924	..	2,42,924	25,667	22,242	— 3,425	2,68,591		
Tools and plant ..	93,355	..	93,355	— 136	— 156	— 20	93,219		
Suspense account ..	..	..		..	..	..	..		
Total ..	15,60,999	..	15,60,999	1,19,487	1,27,397	7,910	16,80,486		
<i>Less—Receipts on Capital account.</i>	1,374	..	1,374	2,022	2,022	..	3,396		
Net Total ..	15,59,625	..	15,59,625	1,17,465	1,25,375	7,910	16,77,090		
<i>Indirect Charges.</i>									
Capitalized abatement of land revenue ..	3,273	..	3,273	1,067	5,053	3,986	4,340	86 L., dated 10th March 1921.	Direct. 1,06,311
Leave and pension allowances ..	34,009	..	34,009	3,594	2,665	— 929	37,603		
Audit and accounts ..	..	..	..	138	..	— 138	138	Do.	Indirect. 7,718
Total ..	37,282	..	37,282	4,799	7,718	2,919	42,081		
Grand Total ..	15,96,907	..	15,96,907	1,22,264	1,33,093	10,829	17,19,171		

## IRRIGATION BRANCH.

## PUBLIC WORKS DEPARTMENT.

MUNIYERU PROJECT—*Canal Project.*

## No. 2.—Capital Account for and to end of 1922–1923.

Heads of account.	DIRECT CHARGES.			Cost of construction as now estimated; closed in 1901–02.	Expenditure against closed estimate.
	Previous.	1922–1923.	Total.		
	RS.		RS.	RS.	RS.
<b>WORKS—</b>					
(1) <i>Head Works—</i>					
A. Preliminary expenses .. .. .	57	..	57	57	57
C. Works .. .. .	54,547	..	54,547	54,547	54,547
K. Buildings .. .. .	4,205	..	4,205	6,001	4,205
P. Maintenance .. .. .	9,815	..	9,815	9,815	9,815
Total .. .. .	68,624	..	68,624	70,420	68,624
(2) <i>Main Canals and Branches—</i>					
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
F. (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) <i>Distributaries—</i>					
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) <i>Special tools and plant—</i>					
Provision for unforeseen works ..	..	..	..	..	..
Total, Works .. .. .	4,63,179	..	4,63,179	4,64,975	4,63,179
II. ESTABLISHMENT .. .. .	1,03,806	..	1,03,806	1,04,255	1,03,806
III. TOOLS AND PLANT .. .. .	3,713	..	3,713	3,749	3,713
Grand Total .. .. .	5,70,698	..	5,70,698	5,72,979	5,70,698
V. <i>Loss—RECEIPTS ON CAPITAL ACCOUNT</i> ..	1,732	..	1,732	1,732	1,732
(a) Net Total .. .. .	5,68,966	..	5,68,966	5,71,247	5,68,966

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



## IRRIGATION BRANCH.

## PUBLIC WORKS DEPARTMENT.

## 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.	RS.	RS.	<i>Direct Charges.</i>	RS.
Works .. ..	4,63,179	..	4,63,179	..	1,796	1,796	4,63,179		
Establishment ..	1,03,806	..	1,03,806	..	449	449	1,03,806		
Tools and plant ..	3,713	..	3,713	..	36	36	3,713		
Suspense account ..	..	..	..	..	..	..	..		
Total ..	5,70,698	..	5,70,698	..	2,281	2,281	5,70,698		
<i>Less—Receipts on Capital account ..</i>	1,732	..	1,732	..	..	..	1,732		
Net Total ..	5,68,966	..	5,68,966	..	2,281	2,281	5,68,966		
<i>Indirect Charges.</i>									
Capitalized abatement of land revenue ..	15,104	..	15,104	..	..	..	15,104		
Leave and pension allowances ..	14,532	..	14,532	..	..	..	14,532		
Total ..	29,636	..	29,636	..	..	..	29,636		
Grand Total ..	5,98,602	..	5,98,602	..	2,281	2,281	5,98,602	Mis. 87 I., 8th March 1922.	1,796

## PEDDINAYUDU TANK OF CHINNARAOPALEM—Tank Project.

## No. 2.—Capital Account for and to end of 1922–1923.

Heads of account.	DIRECT CHARGES.			Cost of construction as now estimated closed in 1916–17.	Expenditure against closed estimate.
	Previous.	1922–1923.	Total.		
<b>I. WORKS—</b>	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."

## ADMINISTRATIVE ACCOUNTS FOR THE YEAR 1922-23.

MADRAS PRESIDENCY.

PEDDINAYUDU TANK OF CHINNARAOPALEM—*Tank Project.*

## No. 3.—Revenue Account for and to end of 1922-1923.

Receipts.	TOTAL.			Charges.	TOTAL.		
	Previous.	1922-1923.	Total.		Previous.	1922-1923.	Total.
<b>I. DIRECT RECEIPTS—</b>	RS.	RS.	RS.	<b>I. EXTENSIONS AND IMPROVEMENTS—</b>	RS.	RS.	RS.
5. Receipts from plantations .. ..	1,166	2,302	3,468	(1) Head works .. ..	..	..	..
6. Receipts from other canal produce ..	6,747	..	6,747	(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
Receipts for which classification is not obtainable ..	..	..	..	<b>II. MAINTENANCE AND REPAIRS—</b>			
Total revenue realized in the Public Works Department ..	8,822	2,302	11,124	(1) Head works .. ..	198	..	198
Irrigation revenue realized in Civil Department.	4,214	544	4,758	(2) Main canals and branches ..	1,064	..	1,064
<b>Total, Direct Receipts ..</b>	<b>13,036</b>	<b>2,846</b>	<b>15,882</b>	(3) Distributaries .. ..	..	258	258
Total, Public Works and Civil Departments, Revenue ..	13,036	2,846	15,882	(4) Drainage and protective works ..	..	..	..
				(5) Special tools and plant ..	..	..	..
				Add—Unclassifiable outlay ..	..	..	..
				Total ..	1,202	258	1,460
				Total, Extensions and Improvements and Maintenance and Repairs ..	1,506	258	1,764
				<b>IV. ESTABLISHMENT .. ..</b>	934	144	1,078
				<b>V. TOOLS AND PLANT .. ..</b>	..	2	2
				<b>VI. REFUNDS OF REVENUE .. ..</b>	94	..	94
				Total, Direct Charges ..	2,534	404	2,938
				Share of collection charges in the Civil Department.	210	27	237
				Indirect charges .. ..	130	22	152
				Total, Direct and Indirect Charges ..	2,874	453	3,327
				Balance, Net revenue .. ..	10,162	2,393	12,555
<b>Total, Receipts ..</b>	<b>13,036</b>	<b>2,846</b>	<b>15,882</b>	<b>Grand Total ..</b>	<b>13,036</b>	<b>2,846</b>	<b>15,882</b>

## No. 4.—Interest Account for and to end of 1922-1923.

	Amount.			Amount.	
	RS.			RS.	
Total interest charges to end of 1921-1922 ..	27,837		Net revenue realized to end of 1921-1922 ..	10,162	
Total interest charges for the year 1922-1923 ..	2,065		Net revenue realized during 1922-1923 ..	2,393	
			Balance, net interest charges ..	17,347	
Total ..	29,902		Total ..	29,902	

## No. 5.—Account of Indirect Charges for and to end of 1922-1923.

Particulars.	Previous.	1922-1923.	Total.
<b>CAPITAL—</b>	RS.		RS.
Capitalization of abatement of land revenue ..	28	..	28
Leave and pension allowances .. ..	1,369	..	1,369
Total ..	1,397	..	1,397
<b>REVENUE—</b>			
Leave and pension allowances .. ..	130	20	150
Audit and accounts .. ..	..	2	2
Total ..	130	22	152
<b>Grand Total ..</b>	<b>1,527</b>	<b>22</b>	<b>1,549</b>

## IRRIGATION BRANCH.

## PUBLIC WORKS DEPARTMENT.

PEDDINAYUDU TANK OF CHINNARAOPALEM—*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.		
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		
<i>Indirect Charges.</i>									
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 1922-1923.

Heads of account.	DIRECT CHARGES.			Cost of construction as now estimated (construction estimate closed on 31st March 1908).	Expenditure against closed estimate.
	Previous.	1922-1923.	Total.		
<b>I. WORKS—</b>	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 .. .. .	..	..	..	..	..
L. Earthwork .. .. .	6,959	..	6,959	6,959	6,959
O. Miscellaneous .. ..	72	..	72	72	72
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
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."

JANGAMESHWARAPURAM TANK—*Tank Project.*

## No. 3.—Revenue Account for and to end of 1922-1923.

Receipts.	TOTAL.			Charges.	TOTAL.		
	Previous.	1922-1923.	Total.		Previous.	1922-1923.	Total.
<b>I. DIRECT RECEIPTS—</b>	RS.	RS.	RS.	<b>I. EXTENSIONS AND IMPROVEMENTS—</b>	RS.	RS.	RS.
5. Receipts from plantations .. ..	2	..	2	(1) Head works .. ..	175	2	177
6. Receipts from other canal produce ..	1,070	..	1,070	(2) Main canals and branches .. ..	26	..	26
11. Miscellaneous .. ..	..	..	..	(3) Distributaries .. ..	549	..	549
				(4) Drainage and protective works ..	..	..	..
				(5) Special tools and plant .. ..	..	..	..
				Total .. ..	750	2	752
Total, Revenue realized in Public Works Department .. ..	1,072	..	1,072	<b>II. MAINTENANCE AND REPAIRS—</b>			
Irrigation revenue realized in Civil Department ..	11,205	1,222	12,427	(1) Head works .. ..	891	..	891
				(2) Main canals and branches .. ..	334	456	334
Total, Direct Receipts ..	12,277	1,222	13,499	(3) Distributaries .. ..	2,186	..	2,642
<b>II. INDIRECT RECEIPTS—</b>				(4) Drainage and protective works ..	467	..	467
Share of land revenue collected in the Civil Department .. ..	..	..	..	(5) Special tools and plant .. ..	..	..	..
				Add—Unclassifiable outlay .. ..	..	..	..
Total, Public Works and Civil Departments, Revenue .. ..	12,277	1,222	13,499	Total .. ..	3,878	456	4,334
				Total, Extensions and Improvements and Maintenance and Repairs ..	4,628	458	5,086
				<b>IV. ESTABLISHMENT .. ..</b>	1,755	256	2,011
				<b>V. TOOLS AND PLANT .. ..</b>	— 18	3	— 15
				<b>VI. REFUNDS OF REVENUE .. ..</b>	..	..	..
				Total, Direct Charges .. ..	6,365	717	7,082
				Share of collection charges in the Civil Department .. ..	558	61	619
				Indirect charges .. ..	260	41	291
				Total, Direct and Indirect Charges ..	7,173	819	7,992
				Balance, Net revenue .. ..	5,104	403	5,507
Total, Receipts ..	12,277	1,222	13,499	Grand Total ..	12,277	1,222	13,499

## No. 4.—Interest Account for and to end of 1922-1923.

	Amount.		Amount.
	RS.		RS.
Total interest charges to end of 1921-1922 ..	39,043	Net revenue realized to end of 1921-1922 ..	5,104
Total interest charges for the year 1922-1923 ..	2,038	Net revenue realized during 1922-1923 ..	403
	..	Balance, net interest charges .. ..	35,574
Total ..	41,081	Total ..	41,081

## No. 5.—Account of Indirect Charges for and to end of 1922-1923.

Particulars.	Previous.	1922-1923.	Total.
<b>CAPITAL—</b>	RS.	RS.	RS.
Capitalization of abatement of land revenue .. ..	9,194	..	9,194
Leave and pension allowances .. ..	1,217	..	1,217
Total .. ..	10,411	..	10,411
<b>REVENUE—</b>			
Leave and pension allowances .. ..	247	36	283
Audit and accounts .. ..	3	5	8
Total .. ..	250	41	291
Grand Total .. ..	10,661	41	10,702

## IRRIGATION BRANCH.

## 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.*

## No. 2.—Capital Account for and to end of 1922-1923.

Heads of account.	DIRECT CHARGES.			Cost of construction as now estimated (construction estimate closed on 31st August 1907).	Expenditure against closed estimate.
	Previous.	1922-1923.	Total.		
<b>I. WORKS—</b>	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."

ATMAKURU TANK—*Tank Project*—cont.

## No. 3.—Revenue Account for and to end of 1922-1923.

Receipts.	TOTAL.			Charges.	TOTAL.		
	Previous.	1922-1923.	Total.		Previous.	1922-1923.	Total.
<b>I. DIRECT RECEIPTS—</b>	RS.	RS.	RS.	<b>I. EXTENSIONS AND IMPROVEMENTS—</b>	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	..	1	(4) Drainage and protective works .. .. .	..	..	..
8. Navigation receipts. .. .. .	..	..	..	(5) Special tools and plant .. .. .	..	..	..
9. Rents of buildings .. .. .	..	..	..	Total .. .. .	902	..	902
10. Fines .. .. .	..	..	..	<b>II. MAINTENANCE AND REPAIRS—</b>			
11. Miscellaneous .. .. .	5	..	5	(1) Head works .. .. .	2,863	1,234	4,097
Total, Revenue realized in the Public Works Department .. .. .	6	..	6	(2) Main canals and branches .. .. .	..	..	..
Irrigation Revenue realized in Civil Department .. .. .	23,967	79	24,046	(3) Distributaries .. .. .	1,492	..	1,492
Total, Direct Receipts .. .. .	23,973	79	24,052	(4) Drainage and protective works .. .. .	..	..	..
<b>II. INDIRECT RECEIPTS—</b>				(5) Special tools and plant .. .. .	..	..	..
Share of Land Revenue collected in the Civil Department .. .. .	..	..	..	Add—Unclassifiable outlay .. .. .	..	..	..
Total, Public Works and Civil Departments, Revenue .. .. .	23,973	79	24,052	Total .. .. .	4,365	1,234	5,599
Grand Total .. .. .	23,973	79	24,052	Total, Extensions and Improvements and Maintenance and Repairs .. .. .	5,257	1,234	6,491
				<b>IV. ESTABLISHMENT</b> .. .. .	1,497	689	2,186
				<b>V. TOOLS AND PLANT</b> .. .. .	1	8	9
				<b>VI. REFUNDS OF REVENUE</b> .. .. .	..	..	..
				Total, Direct Charges .. .. .	6,576	1,931	8,506
				Share of collection charges in the Civil Department .. .. .	1,197	4	1,201
				Indirect charges .. .. .	215	108	323
				Total, Direct and Indirect Charges .. .. .	8,167	2,043	10,210
				Balance, net revenue .. .. .	15,806	— 1,964	13,842
				Grand Total .. .. .	23,973	79	24,052

## No. 4.—Interest Account for and to end of 1922-23.

	Amount.		Amount.
Total interest charges to end of 1921-1922 .. .. .	RS. 66,772	Net revenue realized to end of 1921-1922 .. .. .	RS. 15,806
Total interest charges for the year 1922-1923 .. .. .	3,656	Net revenue realized during 1922-1923 .. .. .	— 1,964
Balance, net revenue .. .. .	..	Balance, net interest charges .. .. .	56,586
Total .. .. .	70,428	Total .. .. .	70,428

## No. 5.—Account of Indirect Charges for and to end of 1922-1923.

Particulars.	Previous.	1922-1923.	Total.
<b>CAPITAL—</b>	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
<b>REVENUE—</b>			
Leave and pension allowances .. .. .	211	96	307
Audit and accounts .. .. .	4	12	16
Total .. .. .	215	108	323
Grand Total .. .. .	13,643	108	13,751

## IRRIGATION BRANCH.

## PUBLIC WORKS DEPARTMENT.

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.
<i>Direct Charges.</i>	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		
<i>Less—Receipts on Capital Account.</i>	...	...	...	...	...	...	...		
Net Total ...	1,09,951	...	1,09,951	...	...	...	1,09,951		
<i>Indirect Charges.</i>									
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 1922-1923.

Heads of account.	DIRECT CHARGES.			Cost of construction as now estimated (construction estimate closed on 31st March 1903).	Expenditure against closed estimate.
	Previous.	1922-1923.	Total.		
<b>I. WORKS—</b>	RS.		RS.	RS.	RS.
(1) <i>Head Works—</i>					
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) <i>Distributaries—</i>					
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. <i>Less—RECEIPTS ON CAPITAL ACCOUNT</i> ..	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."

## DONDAPAD TANK—Tank Project—cont.

## No. 3.—Revenue Account for and to end of 1922-1923.

Receipts.	TOTAL.			Charges.	TOTAL.		
	Previous.	1922-1923.	Total.		Previous.	1922-1923.	Total.
<b>I. DIRECT RECEIPTS—</b>	RS.	RS.	RS.	<b>I. EXTENSIONS AND IMPROVEMENTS—</b>	RS.	RS.	RS.
5. Receipts from plantations ..	165	..	165	(1) Head works .. ..	73	..	73
6. Receipts from other canal produce ..	631	..	631	(2) Main canals and branches .. ..	..	..	..
11. Miscellaneous ..	230	..	230	(3) Distributaries .. ..	268	24	292
<b>Total, Revenue realized in Public Works Department ..</b>	<b>1,026</b>	<b>..</b>	<b>1,026</b>	(4) Drainage and productive works .. ..	..	..	..
<b>Irrigation Revenue realized in Civil Department ..</b>	<b>16,388</b>	<b>497</b>	<b>16,885</b>	(5) Special tools and plant .. ..	..	..	..
<b>Total, Direct Receipts ..</b>	<b>17,414</b>	<b>497</b>	<b>17,911</b>	<b>Total ..</b>	<b>341</b>	<b>24</b>	<b>365</b>
<b>II. INDIRECT RECEIPTS—</b>				<b>II. MAINTENANCE AND REPAIRS—</b>			
Share of Land Revenue collected in the Civil Department ..	68	3	71	(1) Head works .. ..	6,803	..	6,803
<b>Total, Public Works and Civil Departments, Revenue ..</b>	<b>17,482</b>	<b>500</b>	<b>17,982</b>	(2) Main canals and branches .. ..	144	..	144
				(3) Distributaries .. ..	3,605	..	3,605
				(4) Drainage and productive works .. ..	..	..	..
				(5) Special tools and plant .. ..	..	..	..
				<i>Add—Unclassifiable outlay</i> .. ..	..	..	..
				<b>Total ..</b>	<b>10,552</b>	<b>..</b>	<b>10,552</b>
				<b>Total, Extensions and Improvements and Maintenance and Repairs ..</b>	<b>10,898</b>	<b>24</b>	<b>10,917</b>
				<b>IV. ESTABLISHMENT .. ..</b>	<b>3,334</b>	<b>13</b>	<b>3,347</b>
				<b>V. TOOLS AND PLANT .. ..</b>	<b>28</b>	<b>..</b>	<b>28</b>
				<b>VI. REFUNDS OF REVENUE .. ..</b>	<b>..</b>	<b>..</b>	<b>..</b>
				<b>Total, Direct Charges ..</b>	<b>14,255</b>	<b>37</b>	<b>14,292</b>
				Share of collection charges in the Civil Department .. ..	822	25	847
				Indirect charges .. ..	467	2	469
				<b>Total, Direct and Indirect Charges ..</b>	<b>15,544</b>	<b>64</b>	<b>15,608</b>
<b>Total, Receipts ..</b>	<b>17,482</b>	<b>500</b>	<b>17,982</b>	Balance, net revenue .. ..	1,928	436	2,374
				<b>Grand Total ..</b>	<b>17,482</b>	<b>500</b>	<b>17,982</b>

## No. 4.—Interest Account for and to end of 1922-1923.

	Amount.			Amount.	
	RS.			RS.	
Total interest charges to end of 1921-1922 ..	1,28,679		Net revenue realized to end of 1921-1922 ..	1,938	
Total interest charges for the year 1922-23 ..	4,149		Net revenue realized during 1922-1923 ..	436	
Balance, net revenue ..	..		Balance, net interest charges ..	1,30,454	
<b>Total ..</b>	<b>1,32,828</b>		<b>Total ..</b>	<b>1,32,828</b>	

## No. 5.—Account of Indirect Charges for and to end of 1922-1923.

Particulars.	Previous.	1922-1923.	Total.
<b>CAPITAL—</b>	RS.	RS.	RS.
Capitalization of abatement of land revenue .. ..	12,566	..	12,566
Leave and pension allowances .. ..	2,652	..	2,652
<b>Total ..</b>	<b>15,218</b>	<b>..</b>	<b>15,218</b>
<b>REVENUE—</b>			
Leave and pension allowances .. ..	464	2	466
Audit and accounts .. ..	3	..	3
<b>Total ..</b>	<b>467</b>	<b>2</b>	<b>469</b>
<b>Grand Total ..</b>	<b>15,685</b>	<b>2</b>	<b>15,687</b>

## IRRIGATION BRANCH.

## PUBLIC WORKS DEPARTMENT.

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.
<i>Direct charges.</i>	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		
<i>Less—Receipts on capital account ..</i>	7	..	7	..	..	..	7		
Net Total ..	1,13,531	11,255	1,24,786	..	..	..	1,24,786		
<i>Indirect charges.</i>									
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		

BHAVANASI TANK PROJECT—*Tank Project.*  
No. 2.—Capital Account for and to end of 1922-1923.

Heads of account.	DIRECT CHARGES.			Cost of construction as now estimated.	Expenditure against closed estimate.
	Previous.	1922-1923.	Total.		
<b>J. WORKS—</b>	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	85,250	...
L. Earthwork ... ..	1,16,658	...	1,16,658	270	...
O. Miscellaneous ... ..	124	...	124		...
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	...
<b>II. ESTABLISHMENT</b> ... ..	41,653	...	41,653	30,582	...
<b>III. TOOLS AND PLANT</b> ... ..	25,660	...	25,660	15,307	...
	2,49,747	...	2,49,747	2,02,289	...
<b>V. Less receipts on capital account</b> ...	297	...	297	...	...
(a) Grand Total ...	2,49,450	...	24,950	2,02,289	...
Chargeable to 35. Protective works— Irrigation.	2,49,581	...	2,94,581	...	...
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.

## IRRIGATION BRANCE.

## PUBLIC WORKS DEPARTMENT.

BHAVANASI TANK PROJECT—*Tank Project*—cont.

## No. 3.—Revenue Account for and to end of 1922-1923.

Receipts.	TOTAL.			Charges.	TOTAL.		
	Previous.	1922-1923.	Total.		Previous.	1922-1923.	Total.
<b>I. DIRECT RECEIPTS—</b>	RS.	RS.	RS.	<b>I. EXTENSIONS AND IMPROVEMENTS—</b>	RS.	RS.	RS.
5. Receipts from plantations .. ..	..	..	..	(1) Head works .. .. .	40	21	61
6. Receipts from other canal produce ..	..	..	..	(2) Main canals and branches ..	..	185	185
11. Miscellaneous .. .. .	..	..	..	(3) Distributaries .. .. .	98	197	296
Total, Revenue realized in Public Works Department .. .. .	..	..	..	(4) Drainage and protective works ..	..	..	..
Irrigation revenue realized in Civil Department ..	4,979	2,062	7,041	(5) Special tools and plant .. .. .	..	..	..
Total, Direct Receipts ..	4,979	2,062	7,041	Total ..	133	403	536
<b>II. INDIRECT RECEIPTS—</b>				<b>II. MAINTENANCE AND REPAIRS—</b>			
Share of land revenue collected in the Civil Department .. .. .	..	..	..	(1) Head works .. .. .	990	..	990
Total, Public Works and Civil Departments, Revenue .. .. .	4,979	2,062	7,041	(2) Main canals and branches ..	2,495	1,248	3,743
				(3) Distributaries .. .. .	419	1,770	2,189
				(4) Drainage and protective works ..	1,309	..	1,309
				(5) Special tools and plant .. .. .	..	..	..
				<i>Add</i> —Unclassifiable outlay .. .. .	..	..	..
				Total ..	5,213	3,018	8,231
				Total, Extensions and Improvements and Maintenance and Repairs ..	5,346	3,421	8,767
				<b>IV. ESTABLISHMENT .. .. .</b>	3,244	1,909	5,153
				<b>V. TOOLS AND PLANT .. .. .</b>	3	21	24
				<b>VI. REFUNDS OF REVENUE .. .. .</b>	..	..	..
				<i>Deduct</i> —Recoveries Expenditure .. .. .	..	100	100
				Total, Direct Charges ..	8,593	5,251	13,844
				Share of collection charges in the Civil Department .. .. .	249	103	352
				Indirect charges .. .. .	484	301	785
				Total, Direct and Indirect Charges ..	9,326	5,655	14,981
				Balance, net revenue ..	- 4,347	- 3,593	- 7,940
Total, Receipts ..	4,979	2,062	7,041	Grand Total ..	4,979	2,062	7,041

## No. 4.—Interest Account for and to end of 1922-1923.

	Amount.		Amount.
	RS.		RS.
Total interest charges to end of 1921-1922.	59,993	Net revenue realized to end of 1921-1922.	- 4,347
Total interest charges for the year 1922-1923.	9,819	Net revenue realized during 1922-1923.	- 3,593
		Balance net interest charges .. .. .	77,752
Total ..	69,812	Total ..	69,812

BEHAVANASI TANK PROJECT—*Tank Project*—cont.

## No. 5.—Account of Indirect Charges for and to end of 1922-1923.

Particulars.				Previous.	1922-1923.	Total.
<b>CAPITAL—</b>				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
<b>REVENUE—</b>				..	..	..
Capitalization of abatement of land revenue	..	..	..	454	267	721
Leave and pension allowances	..	..	..	30	34	64
Audit and accounts	..	..	..	..	..	..
Total ..				484	301	785
Grand Total ..				11,342	301	11,643

## 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.
Works .. ..	..	..	..	1,82,434	1,56,400	— 26,034	1,82,434	367 I., 26th Aug. 1916. Direct .. .. 1,56,400 Indirect .. .. 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		
<i>Less—Receipts on Capital account.</i>	..	..	..	297	..	— 297	297		
Net Total .. ..	..	..	..	2,49,450	2,02,289	— 47,161	2,49,450		
<i>Indirect Charges.</i>									
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		

## IRRIGATION BRANCH.

## PUBLIC WORKS DEPARTMENT.

## MOPAD PROJECT—Canal Project.

## No. 2.—Capital Account for and to end of 1922-1923.

Heads of account.	DIRECT CHARGES.			Cost of construction as now estimated.	Expenditure against closed estimate.
	Previous.	1920-1921.	Total.		
<b>I. WORKS—</b>	Rs.	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 ... ..	5,220	— 3	5,217	5,232	...
P. Maintenance ... ..	4,732	...	4,732	4,650	...
Unforeseen works ... ..	...	...	...	...	...
Total ...	3,14,803	— 3	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 ...	16,66,578	— 3	16,66,575	18,51,204	...
II. ESTABLISHMENT ... ..	3,20,383	— 2	3,20,381	3,45,827	...
III. TOOLS AND PLANT ... ..	2,34,213	...	2,34,213	24,648	...
Grand Total ...	22,21,174	— 5	22,21,169	22,21,674	...
V. Less—RECEIPTS ON CAPITAL ACCOUNT.	27,894	...	27,894	24,674	...
(a) Net Total ...	21,93,280	— 5	21,93,275	21,97,000	...
Chargeable to 35. Protective Works— Irrigation.	22,09,835	...	22,09,835	...	...
Chargeable to 55. Irrigation Works— Unproductive.	— 16,555	— 5	— 16,560	...	...
Total ...	21,93,280	— 5	21,93,275	...	...

MOPAD PROJECT—*Canal Project*—cont.  
No. 3.—Revenue Account for and to end of 1922-1923.

Receipts.	TOTAL.			Charges.	TOTAL.		
	Previous.	1922-1923.	Total.		Previous.	1922-1923.	Total.
<b>I. DIRECT RECEIPTS—</b>	RS.		RS.	<b>I. EXTENSIONS AND IMPROVEMENTS—</b>	RS.	RS.	
6. Receipts from other canal produce ..	..	..	..	(1) Head works .. ..	..	..	..
9. Rent of buildings.	89	96	165	(2) Main canals and branches ..	..	..	..
11. Miscellaneous ..	379	755	1,134	(3) Distributaries .. ..	..	..	..
				(4) Drainage and protective works ..	..	..	..
				(5) Special tools and plant ..	..	..	..
				Total ..	..	..	..
<b>Total, Revenue realized in the Public Works Department ..</b>	<b>448</b>	<b>851</b>	<b>1,299</b>	<b>II. MAINTENANCE AND REPAIRS—</b>			
				(1) Head works .. ..	497	588	1,085
				(2) Main canals and branches ..	764	714	1,478
				(3) Distributaries .. ..	..	967	967
				(4) Drainage and protective works ..	..	..	..
				(5) Special tools and plant ..	..	..	..
				<i>Add</i> —Unclassifiable outlay	..	..	..
				Total ..	1,261	2,209	3,470
Irrigation Revenue realized in Civil Department ..	10,890	11,238	22,128	Total, Extensions and Improvements and Maintenance and Repairs ..	1,261	2,209	3,470
<b>Total, Direct Receipts ..</b>	<b>11,338</b>	<b>12,089</b>	<b>23,127</b>	<b>IV. ESTABLISHMENT .. ..</b>	<b>269</b>	<b>1,233</b>	<b>1,502</b>
<b>II. Indirect Receipts</b>				<b>V. TOOLS AND PLANT .. ..</b>	<b>2</b>	<b>14</b>	<b>16</b>
—Share of Land Revenue collected in the Civil Department ..	2,293	3,274	5,572	<b>VI. REFUNDS OF REVENUE .. ..</b>	..	..	..
<b>Total, Public Works and Civil Departments, Revenue ..</b>	<b>13,636</b>	<b>15,363</b>	<b>28,999</b>	Total, Direct Charges ..	1,532	3,456	4,988
				Share of collection charges in the Civil Department ..	544	562	1,106
				Indirect charges .. ..	50	195	245
<b>Total, Receipts ..</b>	<b>13,636</b>	<b>15,363</b>	<b>28,999</b>	<b>Total, Direct and Indirect Charges ..</b>	<b>2,126</b>	<b>4,213</b>	<b>6,339</b>
				Balance, net revenue ..	11,510	11,150	22,660
				<b>Grand Total ..</b>	<b>13,636</b>	<b>15,363</b>	<b>28,999</b>

No. 4.—Interest Account for and to end of 1922-1923.

	Amount.		Amount.
	RS.		RS.
Total interest charges to end of 1921-1922 ..	6,52,867	Net revenue realized to end of 1921-1922 ..	11,510
Total interest charges for the year 1922-1923.	84,687	Net revenue realized during 1922-1923 ..	11,150
		Balance, net interest charges ..	7,14,894
<b>Total ..</b>	<b>7,37,554</b>	<b>Total ..</b>	<b>7,37,554</b>

## IRRIGATION BRANCH.

## PUBLIC WORKS DEPARTMENT.

## MOPAD PROJECT—Canal Project—cont.

## No. 5.—Account of Indirect Charges for and to end of 1922-1923.

Particulars.		Previous.	1922-1923.	Total.
<b>CAPITAL—</b>		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
<b>REVENUE—</b>		..	..	..
Capitalization of abatement of land revenue	.. ..	37	173	210
Leave and pension allowances	.. ..	18	22	35
Audit and accounts	.. ..	..	..	..
Total		50	195	245
Grand Total		96,472	195	96,667

## 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 .. ..	..	..	..	16,66,575	18,51,204	1,84,629	16,66,575	149 I., 12th May 1921. <i>Direct charges.</i>	18,51,204
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 ..	..	..	..	..	..	..	..	<i>Indirect Charges.</i>	1,00,000.
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		
<i>Indirect Charges.</i>									
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	3,578	96,422		
Grand Total ..	..	..	..	22,89,697	22,97,000	7 308	22,89,697		

ADMINISTRATIVE ACCOUNTS FOR THE YEAR 1922-23. MADRAS PRESIDENCY.

HAIJIPURAM TANK—*Tank Project.*

No. 2.—Capital Account for and to end of 1922-1923.

Heads of account.	DIRECT CHARGES.			Cost of construction as now estimated. (Construction estimate closed on 31st March 1911.)	Expenditure against closed estimate.
	Previous.	1922-1923.	Total.		
<b>I. WORKS--</b>					
(1) <i>Head Works--</i>	RS.	RS.	RS.	RS.	RS.
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
L. 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. <i>Less--RECEIPTS ON CAPITAL ACCOUNT</i> .. .. .	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."

## IRRIGATION BRANCH.

## PUBLIC WORKS DEPARTMENT.

HAJIPURAM TANK—*Tank Project*—cont.

## No. 3.—Revenue Account for and to end of 1922-1923.

Receipts.	TOTAL.			Charges.	TOTAL.		
	Previous.	1922-1923.	Total.		Previous.	1922-1923.	Total.
	RS.	RS.	RS.	I. EXTENSIONS AND IMPROVEMENTS—	RS.	RS.	RS.
<b>I. DIRECT RECEIPTS—</b>				(1) Head works .. ..	..	..	..
Receipts from other canal produce ..	101	..	101	(2) Main canals and branches .. ..	..	..	..
Miscellaneous ..	6,118	395	6,513	(3) Distributaries .. ..	..	..	..
Total, Revenue realized in Public Works Department ..	6,219	395	6,614	(4) Drainage and protective works ..	130	..	130
Irrigation Revenue realized in Civil Department ..	20,420	3,470	23,890	(5) Special tools and plant .. ..	..	..	..
Total, Direct Receipts.	26,639	3,865	30,504	Total ..	130	..	130
<b>II. INDIRECT RECEIPTS—</b>				II. MAINTENANCE AND REPAIRS—			
Share of Land Revenue collected in the Civil Department ..	181	15	196	(1) Head works .. ..	1,540	..	1,540
Total, Public Works and Civil Departments, Revenue ..	26,820	3,880	30,700	(2) Main canals and branches .. ..	33	..	33
Total, Receipts ..	26,820	3,880	30,700	(3) Distributaries .. ..	77	155	232
				(4) Drainage and protective works ..	..	..	..
				(5) Special tools and plant .. ..	..	..	..
				Add—Unclassifiable outlay .. ..	..	..	..
				Total ..	1,700	155	1,855
				Total, Extensions and Improvements and Maintenance and Repairs ..	1,830	155	1,985
				IV. ESTABLISHMENT .. ..	702	35	737
				V. TOOLS AND PLANT .. ..	11	1	12
				VI. REFUNDS OF REVENUE .. ..	..	..	..
				Total, Direct Charges ..	2,543	242	2,785
				Share of collection charges in the Civil Department .. ..	1,030	174	1,204
				Indirect charges .. ..	205	14	219
				Total, Direct and Indirect Charges ..	3,778	430	4,208
				Balance, net revenue ..	23,042	3,450	26,492
				Grand Total ..	26,820	3,880	30,700

## No. 4.—Interest Account for and to end of 1922-1923.

	Amount.		Amount.
	RS.		RS.
Total interest charges to end of 1921-1922 ..	1,58,055	Net revenue realized to end of 1921-1922 ..	23,042
Total interest charges for the year 1922-73 ..	9,270	Net revenue realized during 1922-1923 ..	3,450
		Balance, net interest charges ..	1,40,833
Total ..	1,67,325	Total ..	1,67,325

HAJIPURAM TANK—*Tank Project*—cont.

## No. 5.—Account of Indirect Charges for and to end of 1922-1923.

Particulars.	Previous.	1922-1923.	Total.
<b>CAPITAL—</b>	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
<b>REVENUE—</b>			
Capitalization of abatement of land revenue ...	105	...	105
Leave and pension allowances ... ..	97	12	109
Audit and accounts ... ..	3	2	5
Total ...	205	14	219
Grand Total ...	33,314	14	33,328

## 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 ... ..	2,28,024	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		
<i>Less—Receipts on Capital account ..</i>	220	...	220	...	...	...	220		
Net Total ...	2,75,684	3,090	2,78,774	...	...	...	2,78,774		
<i>Indirect Charges.</i>									
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		

## IRRIGATION BRANCH.

## PUBLIC WORKS DEPARTMENT.

PONNALUR TANK—*Tank Project.*

## No. 2.—Capital Account for and to end of 1922-1923.

Heads of account.	DIRECT CHARGES.			Cost of construction as now estimated (construction estimate closed on 31st March 1911).	Expenditure against closed estimate.
	Previous.	1922-1923.	Total.		
<b>I. WORKS—</b>		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	48,726	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
<b>Total ...</b>	<b>1,52,769</b>	<b>...</b>	<b>1,52,769</b>	<b>1,54,209</b>	<b>1,52,769</b>
(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 ... ..	...	...	...	...	...
<b>Total ...</b>	<b>...</b>	<b>...</b>	<b>...</b>	<b>...</b>	<b>...</b>
(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 ... ..	...	...	...	...	...
<b>Total ...</b>	<b>7,124</b>	<b>...</b>	<b>7,124</b>	<b>7,124</b>	<b>7,124</b>
Provision for unforeseen works ...	...	...	...	...	...
<b>Total, Works ...</b>	<b>1,59,893</b>	<b>...</b>	<b>1,59,893</b>	<b>1,61,333</b>	<b>1,59,893</b>
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."

## ADMINISTRATIVE ACCOUNTS FOR THE YEAR 1922-1923.

## MADRAS PRESIDENCY.

PONNALUR TANK—*Tank Project*—cont.

## No. 3.—Revenue Account for and to end of 1922-1923.

Receipts.	TOTAL.			Charges.	TOTAL.		
	Previous.	1922-1923.	Total.		Previous.	1922-1923.	Total.
<b>I. DIRECT RECEIPTS--</b>	RS.	RS.	RS.	<b>I. EXTENSIONS AND IMPROVEMENTS--</b>	RS.	RS.	RS.
5. Receipts from plantations .. ..	..	..	..	(1) Head works .. ..	..	..	..
6. Receipts from other canal produce. ..	..	..	..	(2) Main canals and branches .. ..	..	..	..
11. Miscellaneous .. ..	176	..	176	(3) Distributaries .. ..	..	..	..
<b>Total, Revenue realized in Public Works Department .. ..</b>	<b>176</b>	<b>..</b>	<b>176</b>	(4) Drainage and protective works. ..	..	..	..
<b>Irrigation revenue realized in Civil Department .. ..</b>	<b>47,508</b>	<b>4,675</b>	<b>52,183</b>	(5) Special tools and plant .. ..	..	..	..
<b>Total, Direct Receipts .. ..</b>	<b>47,684</b>	<b>4,675</b>	<b>52,359</b>	<b>Total .. ..</b>	<b>..</b>	<b>..</b>	<b>..</b>
<b>II. INDIRECT RECEIPTS--</b>				<b>II. MAINTENANCE AND REPAIRS--</b>			
Share of land revenue collected in the Civil Department .. ..	..	..	..	(1) Head works .. ..	38,830	2,415	41,245
<b>Total, Public Works and Civil Departments, Revenue .. ..</b>	<b>47,684</b>	<b>4,675</b>	<b>52,359</b>	(2) Main canals and branches .. ..	18,071	..	18,071
				(3) Distributaries .. ..	..	..	..
				(4) Drainage and protective works. ..	..	..	..
				(5) Special tools and plant .. ..	..	..	..
				<i>Add--Unclassifiable outlay</i> .. ..	..	..	..
				<b>Total .. ..</b>	<b>56,901</b>	<b>2,415</b>	<b>59,316</b>
				<b>Total, Extensions and Improvements and Maintenance and Repairs. ..</b>	<b>56,901</b>	<b>2,415</b>	<b>59,316</b>
				<b>IV. ESTABLISHMENT .. ..</b>	<b>12,257</b>	<b>1,348</b>	<b>13,605</b>
				<b>V. TOOLS AND PLANT .. ..</b>	<b>45</b>	<b>16</b>	<b>60</b>
				<b>VI. REFUNDS OF REVENUE .. ..</b>	<b>..</b>	<b>..</b>	<b>..</b>
				<b>Total, Direct Charges .. ..</b>	<b>69,203</b>	<b>3,778</b>	<b>72,981</b>
				Share of collection charges in the Civil Department .. ..	2,377	234	2,611
				Indirect charges .. ..	1,747	213	1,960
				<b>Total, Direct and Indirect Charges. ..</b>	<b>73,327</b>	<b>4,225</b>	<b>77,552</b>
				Balance, net revenue .. ..	25,643	450	25,193
<b>Total, Receipts .. ..</b>	<b>47,684</b>	<b>4,675</b>	<b>52,359</b>	<b>Grand Total .. ..</b>	<b>47,684</b>	<b>4,675</b>	<b>52,359</b>

## No. 4.—Interest Account for and to end of 1922-1923.

	Amount.		Amount.
	RS.		RS.
Total interest charges to end of 1921-1922 .. ..	1,07,110	Net revenue realized to end of 1921-1922 .. ..	25,643
Total interest charges for the year 1922-1923 .. ..	6,882	Net revenue realized during 1922-1923 .. ..	450
		Balance, net interest charges .. ..	1,39,185
<b>Total .. ..</b>	<b>1,13,992</b>	<b>Total .. ..</b>	<b>1,13,992</b>

## No. 5.—Account of Indirect Charges for and to end of 1922-1923.

Particulars.	Previous.	1922-1923.	Total.
<b>CAPITAL--</b>	RS.	RS.	RS.
Capitalization of a statement of land revenue .. ..	21,230	..	21,230
Leave and pension allowances .. ..	4,349	..	4,349
<b>Total .. ..</b>	<b>25,579</b>	<b>..</b>	<b>25,579</b>
<b>REVENUE--</b>			
Leave and pension allowances .. ..	1,717	189	1,906
Audit and accounts .. ..	30	24	54
<b>Total .. ..</b>	<b>1,747</b>	<b>213</b>	<b>1,960</b>
<b>Grand Total .. ..</b>	<b>27,326</b>	<b>213</b>	<b>27,539</b>

## IRRIGATION BRANCH.

## PUBLIC WORKS DEPARTMENT.

## 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.
<i>Direct charges.</i>	RS.	RS.	RS.		RS.	RS.	RS.		RS.
Works .. ..	1,39,349	20,544	1,59,893	..	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		
<i>Less—Receipts on Capital account .. ..</i>	..	..	..	..	..	..	..		
Net Total ..	1,66,362	24,635	1,90,997	..	1,829	1,829	1,90,997		
<i>Indirect charges.</i>									
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		1,440

## ANAMASAMUDRAM-BERAPERU TANK—Tank Project.

## No. 2.—Capital Account for and to end of 1922-1923.

Heads of account.	DIRECT CHARGES.			Cost of construction as now estimated (construction estimate closed on 31st March 1910).	Expenditure against closed estimate.
	Previous.	1922-1923.	Total.		
<b>I. WORKS—</b>	RS.		RS.	RS.	RS.
(2) <i>Main Canals and Branches—</i>					
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
F. (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
<b>II. ESTABLISHMENT .. ..</b>	13,266	..	13,266	13,266	13,266
<b>III. TOOLS AND PLANT .. ..</b>	..	..	..	..	..
Grand Total ..	71,687	..	71,687	71,687	71,687
<b>V. Less—RECEIPTS ON CAPITAL ACCOUNT ..</b>	..	..	..	..	..
(a) Net Total ..	71,687	..	71,687	71,687	71,687

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

## ADMINISTRATIVE ACCOUNTS FOR THE YEAR 1922-1923.

MADRAS PRESIDENCY.

ANAMASAMUDRAM-BERAPERU TANK—Tank Project—cont.  
No. 3.—Revenue Account for and to end of 1922-1923.

Receipts.	TOTAL.			Charges.	TOTAL.		
	Previous.	1922-1923.	Total.		Previous.	1922-1923.	Total.
	RS.	RS.	RS.		RS.	RS.	RS.
<b>DIRECT RECEIPTS—</b>				<b>I. EXTENSIONS AND IMPROVEMENTS—</b>			
6. Receipts from other canal produce ..	..	..	..	(1) Head works .. ..	..	..	..
9. Rents of buildings. ..	..	..	..	(2) Main canals and branches .. ..	..	..	..
11. Miscellaneous ..	32	..	32	(3) Distributaries .. ..	..	..	..
				(4) Drainage and protective works .. ..	..	..	..
				(5) Special tools and plant. .. ..	..	..	..
Total, Revenue realized in Public Works Department ..	32	..	32	Total ..	..	..	..
Irrigation Revenue realized in Civil Department ..	3,027	472	3,499	<b>II. MAINTENANCE AND REPAIRS—</b>			
				(1) Head works .. ..	..	..	..
Total, Direct Receipts ..	3,059	472	3,531	(2) Main canals and branches .. ..	3,205	..	3,205
				(3) Distributaries .. ..	..	..	..
<b>II. INDIRECT RECEIPTS—</b>				(4) Drainage and protective works .. ..	..	..	..
Share of land revenue collected in the Civil Department ..	14	1	15	(5) Special tools and plant .. ..	..	..	..
				Add—Unclassifiable outlay .. ..	..	..	..
Total, Public Works and Civil Departments, Revenue ..	3,073	473	3,546	Total ..	3,205	..	3,205
				Total, Extensions and Improvements and Maintenance and Repairs .. ..	3,205	..	3,205
Total, Receipts ..	3,073	473	3,546	IV. ESTABLISHMENT .. ..	692	..	692
				V. TOOLS AND PLANT .. ..	1	..	1
				VI. REFUNDS OF REVENUE .. ..	..	..	..
				Total, Direct Charges ..	3,898	..	3,898
				Share of collection charges in the Civil department .. ..	153	24	177
				Indirect charges .. ..	100	..	100
				Total, Direct and Indirect Charges. ..	4,151	24	4,175
				* Deduct—			
				Old maintenance charges saved to Government .. ..	4,765	1,057	5,822
				Net total ..	- 614	- 1,033	- 1,647
				Balance, net revenue ..	3,687	1,506	5,193
				Grand Total ..	3,073	473	3,546

* Direct—							RS.
Extensions and improvements .. ..	..	..	..	..	..	..	28
Maintenance and Repairs .. ..	..	..	..	..	..	..	612
Establishment .. ..	..	..	..	..	..	..	357
Tools and Plant .. ..	..	..	..	..	..	..	4
						Total ..	1,001
Indirect .. ..	..	..	..	..	..	..	56
						Total ..	1,057

## No. 4.—Interest Account for and to end of 1922-1923.

	Amount.		Amount.
	RS.		RS.
Total interest charges to end of 1921-1922 ..	37,025	Net revenue realized to end of 1921-1922 ..	3,687
Total interest charges for the year 1922-1923 ..	2,384	Net revenue realized during 1922-1923 ..	1,506
Balance, net revenue .. ..	..	Balance, net interest charges .. ..	34,216
Total ..	39,409	Total ..	39,409

## No. 5.—Account of Indirect Charges for and to end of 1922-1923.

Particulars.	Previous.	1921-1922.	Total.
<b>CAPITAL—</b>	RS.	RS.	RS.
Capitalization of abatement of land revenue .. ..	30	..	30
Leave and pension allowances .. ..	1,856	..	1,856
Total ..	1,886	..	1,886
<b>REVENUE—</b>			
Leave and pension allowances .. ..	97	..	97
Audit and Accounts .. ..	3	..	3
Total ..	100	..	100
Grand Total ..	1,986	..	1,986

## IRRIGATION BRANCH.

## PUBLIC WORKS DEPARTMENT.

ANAMASAMUDRAM-BERAPERU 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.		RS.
Works .. .. .	52,139	6,282	58,421	..	..	..	58,421		
Establishment .. ..	11,915	1,351	13,266	..	..	..	13,266		
Tools and plant .. ..	..	..	..	..	..	..	..		
Suspense account .. ..	..	..	..	..	..	..	..		
Total .. .. .	64,054	7,633	71,687	..	..	..	71,687		
<i>Loss—Receipts on Capital account</i> .. .. .	..	..	..	..	..	..	..		
Net Total .. .. .	64,054	7,633	71,687	..	..	..	71,687		
<i>Indirect Charges.</i>									
Capitalized abatement of land revenue .. ..	30	..	30	..	..	..	30		
Leave and pension allowances .. .. .	1,667	189	1,856	..	..	..	1,856		
Total .. .. .	1,697	189	1,886	..	..	..	1,886		
Grand Total .. .. .	65,751	7,822	73,573	..	..	..	73,573		

YERUR TANK—*Tank Project.*

## No. 2.—Capital Account for and to end of 1922-1923.

Heads of account.	DIRECT CHARGES.			Cost of construction as now estimated (construction estimate closed on 31st March 1907).	Expenditure against closed estimate.
	Previous.	1922-1923.	Total.		
<b>I. WORKS—</b>	RS.		RS.	RS.	RS.
(1) <i>Head Works—</i>					
B. Land .. .. .	..	..	..	..	..
C. Works .. .. .	..	..	10,767	10,767	10,767
K. Buildings .. .. .	..	..	..	..	..
L. Earthwork .. .. .	..	..	39,452	39,452	39,452
O. Miscellaneous .. .. .	..	..	..	..	..
Total .. .. .	..	..	50,219	50,219	50,219
(3) <i>Distributaries—</i>					
B. Land .. .. .	..	..	..	..	..
C. Works .. .. .	..	..	..	..	..
L. Earthwork .. .. .	..	..	..	..	..
O. Miscellaneous .. .. .	..	..	..	..	..
Total .. .. .	..	..	..	..	..
Provision for unforeseen works .. .. .	..	..	..	..	..
Total, Works .. .. .	..	..	50,219	50,219	50,219
II. ESTABLISHMENT .. .. .	..	..	11,522	11,522	11,522
III. TOOLS AND PLANT .. .. .	..	..	..	..	..
Grand Total .. .. .	..	..	61,741	61,741	61,741
V. <i>Loss—RECEIPTS ON CAPITAL ACCOUNT</i> .. .. .	..	..	..	..	..
(a) Net Total .. .. .	..	..	61,741	61,741	61,741

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

## ADMINISTRATIVE ACCOUNTS FOR THE YEAR 1922-1923.

## MADRAS PRESIDENCY.

## YERUR TANK—Tank Project—cont.

## No. 3.—Revenue Account for and to end of 1922-1923.

Receipts.	TOTAL.			Charges.	Total.		
	Previous.	1922-1923.	Total.		Previous.	1922-1923.	Total.
I. DIRECT RECEIPTS—	RS.	RS.	RS.	I. EXTENSIONS AND IMPROVEMENTS—	RS.	RS.	RS.
6. Receipts from other canal produce ..	..	..	..	(1) Head works .. ..	..	..	..
9. Rents of buildings. ..	..	..	..	(2) Main canals and branches ..	..	..	..
11. Miscellaneous ..	..	..	..	(3) Distributaries .. ..	..	..	..
Total, Revenue realized in Public Works Department ..	..	..	..	(4) Drainage and protective works. ..	..	..	..
Irrigation Revenue realized in Civil Department ..	30,341	1,309	31,650	(5) Special tools and plant ..	..	..	..
Total, Direct Receipts.	30,341	1,309	31,650	Total ..	..	..	..
II. INDIRECT RECEIPTS—				II. MAINTENANCE AND REPAIRS—			
Share of land revenue collected in the Civil Department ..	553	64	617	(1) Head works .. ..	13,125	..	13,125
Total, Public Works and Civil Departments, Revenue ..	30,894	1,373	32,267	(2) Main canals and branches ..	..	..	..
				(3) Distributaries .. ..	..	..	..
				(4) Drainage and protective works. ..	..	..	..
				(5) Special tools and plant ..	..	..	..
				Add—Unclassifiable outlay ..	..	..	..
				Total ..	13,125	..	13,125
				Total, Extensions and Improvements and Maintenance and Repairs ..	13,125	..	13,125
				IV. ESTABLISHMENT .. ..	2,320	..	2,320
				V. TOOLS AND PLANT .. ..	58	..	58
				VI. REPUNDS OF REVENUE ..	..	..	..
				Total, Direct Charges ..	15,503	..	15,503
				Share of collection charges in the Civil Department .. ..	1,546	69	1,615
				Indirect charges .. ..	325	..	325
				Total, Direct and Indirect Charges ..	17,374	69	17,443
				Balance, net revenue .. ..	13,520	1,304	14,824
Total, Receipts ..	30,894	1,373	32,267	Grand Total ..	30,894	1,373	32,267

## No. 4.—Interest Account for and to end of 1922-1923.

	Amount.		Amount.
Total interest charges to end of 1921-1922 ..	RS. 36,759	Net revenue realized to end of 1921-1922 ..	RS. 13,520
Total interest charges for the year 1922-1923 ..	2,053	Net revenue realized during 1922-1923 ..	1,304
Balance, net revenue .. ..	..	Balance, net interest charges .. ..	23,988
Total ..	38,812	Total ..	38,812

## No. 5.—Account of Indirect Charges for and to end of 1922-1923.

Particulars.	Previous.	1922-1923.	Total.
CAPITAL—	RS.		RS.
Leave and pension allowances .. ..	1,612	..	1,612
Total ..	1,612	..	1,612
REVENUE—			
Leave and pension allowances .. ..	325	..	325
Total ..	325	..	325
Grand Total ..	1,937	..	1,937

## IRRIGATION BRANCH.

## PUBLIC WORKS DEPARTMENT.

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.		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		
<i>Less—Receipts on capital account .. .. .</i>	..	..	..	..	..	..	..		
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		

VAMULA TANK—*Tank Project.*

## No. 2.—Capital Account for and to end of 1922–1923.

Heads of account.	DIRECT CHARGES.			Cost of construction as now estimated (construction estimate closed on 31st March 1905).	Expenditure against closed estimate.
	Previous.	1922–1923.	Total.		
<b>I. WORKS—</b>	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. <i>Less—RECEIPTS ON CAPITAL ACCOUNT</i> ..	..	..	..	..	..
(a) Net Total ..	62,186	..	62,186	62,186	62,186

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

## ADMINISTRATIVE ACCOUNTS FOR THE YEAR 1922-1923.

## MADRAS PRESIDENCY.

VAMULA TANK—Tank Project—cont.  
No. 3.—Revenue Account for and to end of 1922-1923.

Receipts.	TOTAL.			Charges.	TOTAL.		
	Previous.	1922-1923.	Total.		Previous.	1922-1923.	Total.
<b>DIRECT RECEIPTS—</b>				<b>I. EXTENSIONS AND IMPROVEMENTS—</b>	RS.		RS.
6. Receipts from other canal produce ..	..	..	..	(1) Head works .. .. ..	..	..	..
9. Rents of buildings. ..	..	..	..	(2) Main canals and branches ..	308	..	308
11. Miscellaneous ..	..	..	..	(3) Distributaries .. .. ..	148	..	148
				(4) Drainage and protective works ..	..	..	..
				(5) Special tools and plant ..	..	..	..
				Total ..	454	..	454
Total, Revenue realized in Public Works Department ..	..	..	..	<b>II. MAINTENANCE AND REPAIRS—</b>			
Irrigation Revenue realized in Civil Department ..	..	..	..	(1) Head works .. .. ..	..	..	..
				(2) Main canals and branches ..	..	..	..
				(3) Distributaries .. .. ..	..	..	..
				(4) Drainage and protective works ..	..	..	..
				(5) Special tools and plant ..	..	..	..
				Add—Unclassifiable outlay ..	..	..	..
Total, Direct Receipts. ..	..	..	..	Total ..	..	..	..
<b>II. INDIRECT RECEIPTS—</b>				Total, Extensions and Improvements and Maintenance and Repairs ..	454	..	454
Share of Land Revenue collected in the Civil Department ..	..	..	..	<b>IV. ESTABLISHMENT</b> .. ..	34	..	34
				<b>V. TOOLS AND PLANT</b> .. ..	..	..	..
Total, Public Works and Civil Departments, Revenue ..	..	..	..	<b>VI. REFUNDS OF REVENUE</b> .. ..	..	..	..
				Total, Direct Charges ..	488	..	488
				Share of collection charges in the Civil Department .. ..	..	..	..
				Indirect Charges .. .. ..	5	..	5
				Total, Direct and Indirect Charges.	493	..	493
				Balance, net revenue .. ..	— 493	..	— 493
Total, Receipts ..	..	..	..	Grand Total ..	..	..	..

## No. 4.—Interest Account for and to end of 1922-1923.

	Amount.		Amount.
Total interest charges to end of 1921-1922 ..	RS. 40,428	Net revenue realized to end of 1921-1922 ..	RS. — 493
Total interest charges for the year 1922-1923 ..	2,068	Net revenue realized during 1922-1923 ..	..
		Balance, net interest charges ..	42,989
Total ..	42,496	Total ..	42,496

## No. 5.—Account of Indirect Charges for and to end of 1922-1923.

Particulars.	Previous.	1920-1921.	Total.
<b>CAPITAL—</b>	RS.		RS.
Leave and pension allowances .. ..	1,571	..	1,571
Total ..	1,571	..	1,571
<b>REVENUE—</b>			
Leave and pension allowances .. ..	5	..	5
Audit and accounts .. .. ..	..	..	..
Total ..	5	..	5
Grand Total ..	1,576	..	1,576

## IRRIGATION BRANCH.

## PUBLIC WORKS DEPARTMENT.

## 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.
<i>Direct Charges.</i>									
Works .. .. .	RS. 50,961	..	RS. 50,961	..	..	..	RS. 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		
<i>Indirect Charges.</i>									
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 1922–1923.

Heads of account.	DIRECT CHARGES.			Cost of construction as now estimated (construction estimate closed on 31st March 1907).	Expenditure against closed estimate.
	Previous.	1922–1923.	Total.		
	RS.		RS.	RS.	RS.
<b>I. WORKS—</b>					
(1) <i>Head Works—</i>					
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 ..	91,593	..	91,593	91,593	91,593
(2) <i>Main Canals and Branches—</i>					
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
G. Bridges .. .. .	23,832	..	23,832	23,832	23,832
H. 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) <i>Distributaries—</i>					
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
<b>II. ESTABLISHMENT</b> .. .. .	80,339	..	80,339	80,339	80,339
<b>III. TOOLS AND PLANT</b> .. .. .	12,449	..	12,449	12,449	12,449
Grand Total ..	4,47,109	..	4,47,109	4,47,109	4,47,109
<b>IV. LESS—RECEIPTS ON CAPITAL ACCOUNT</b> ..	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."

## ADMINISTRATIVE ACCOUNTS FOR THE YEAR 1922-1923.

## MADRAS PRESIDENCY.

## SAGILERU SYSTEM—Canal Project.

## No. 3.—Revenue Account for and to end of 1922-1923.

Receipts.	TOTAL.			Charges.	TOTAL.		
	Previous.	1922-1923.	Total.		Previous.	1922-1923.	Total.
	RS.	RS.	RS.		RS.	RS.	RS.
<b>I. DIRECT RECEIPTS—</b>				<b>I. EXTENSIONS AND IMPROVEMENTS—</b>			
5. Receipts from plantations .. ..	53	..	53	(1) Head works .. ..	108	..	108
6. Receipts from other canal produce ..	62	..	62	(2) Main canals and branches .. ..	7,248	..	7,248
9. Rents of buildings ..	438	28	466	(3) Distributaries .. ..	688	..	688
11. Miscellaneous and other receipts ..	146	..	146	(4) Drainage and protective works ..	..	..	..
Total, Revenue realized in Public Works Department ..	699	28	727	(5) Special tools and plant .. ..	..	..	..
Irrigation Revenue realized in Civil Department ..	69,848	— 4,978	64,870	Total ..	8,044	..	8,044
Total, Direct Receipts.	70,547	— 4,950	65,597	<b>II. MAINTENANCE AND REPAIRS—</b>			
<b>II. INDIRECT RECEIPTS—</b>				(1) Head works .. ..	3,240	..	3,240
Share of Land Revenue collected in the Civil Department ..	184	4	188	(2) Main canals and branches .. ..	55,908	2,455	58,363
Total, Public Works and Civil Departments, Revenue ..	70,731	— 4,946	65,785	(3) Distributaries .. ..	3,188	..	3,188
				(4) Drainage and protective works ..	..	..	..
				(5) Special tools and plant .. ..	..	..	..
				Add—Unclassifiable outlay .. ..	..	..	..
				Total ..	62,335	2,455	64,791
				Total, Extensions and Improvements and Maintenance and Repairs .. ..	70,380	2,455	72,835
				IV. ESTABLISHMENT .. ..	20,787	2,464	23,251
				V. TOOLS AND PLANT .. ..	294	36	330
				VI. REPUNDS OF REVENUE .. ..	..	..	..
				Total, Direct Charges ..	91,461	4,955	96,416
				Share of collection charges in the Civil department .. ..	3,500	— 249	3,251
				Indirect charges .. ..	2,936	370	3,306
				Total, Direct and Indirect Charges ..	97,897	5,076	1,02,973
				* Deduct old maintenance charges saved to Government ..	21,623	4,739	26,362
				Balance, net revenue .. ..	76,274	837	76,611
				Grand Total ..	70,731	— 4,946	65,785
					76,274	837	76,611
					— 5,543	— 5,283	— 10,826
					21,623	4,739	26,362
					76,274	837	76,611
					— 5,543	— 5,283	— 10,826
					21,623	4,739	26,362
					76,274	837	76,611
					— 5,543	— 5,283	— 10,826
					21,623	4,739	26,362
					76,274	837	76,611
					— 5,543	— 5,283	— 10,826
					21,623	4,739	26,362
					76,274	837	76,611
					— 5,543	— 5,283	— 10,826
					21,623	4,739	26,362
					76,274	837	76,611
					— 5,543	— 5,283	— 10,826
					21,623	4,739	26,362
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					76,274	837	76,611
					— 5,543	— 5,283	— 10,826
					21,623	4,739	26,362
					76,274	837	76,611
					— 5,543	— 5,283	— 10,826
					21,623	4,739	26,362
					76,274	837	76,611
					— 5,543	— 5,283	— 10,826

## IRRIGATION BRANCH.

## PUBLIC WORKS DEPARTMENT.

SAGILERU 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.		
Works ..	3,54,321	..	3,54,321	..	..	..	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 abatement 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		

TALAPULA VANKA TANK—*Tank Project.*

## No. 2.—Capital Account for and to end of 1922–1923.

Heads of account.	DIRECT CHARGES.			Cost of construction as now estimated (construction estimate closed on 31st March 1907).	Expenditure against closed estimate.
	Previous.	1922–1923.	Total.		
<b>I. WORKS—</b>	rs.		rs.	rs.	rs.
(2) <i>Main Canals and Branches—</i>					
B. Land ..	5,635	..	5,635	5,635	5,635
C. Works ..	4,849	..	4,849	4,849	4,849
K. Buildings ..	..	..	..	..	..
L. Earthwork ..	37,954	..	37,954	37,954	37,954
O. Miscellaneous ..	..	..	..	..	..
Total ..	48,438	..	48,438	48,438	48,438
(3) <i>Distributaries—</i>					
B. Land ..	..	..	..	..	..
C. Works ..	..	..	..	..	..
L. Earthwork ..	5,910	..	5,910	5,910	5,910
O. Miscellaneous ..	..	..	..	..	..
Total ..	5,910	..	5,910	5,910	5,910
(5) <i>Special tools and plant—</i>					
Provision for unforeseen works ..	..	..	..	..	..
Total Works ..	54,348	..	54,348	54,348	54,348
<b>II. ESTABLISHMENT</b> ..	11,204	..	11,204	11,204	11,204
<b>III. TOOLS AND PLANT</b> ..	731	..	731	731	731
Grand Total ..	66,283	..	66,283	66,283	66,283
<b>V. Less—RECEIPTS ON CAPITAL ACCOUNT</b> ..	..	..	..	..	..
Net Total ..	66,283	..	66,283	66,283	66,283
<i>Apportionment—</i>					
Chargeable to 49. Irrigation ..	..	..	..	..	..
Chargeable to 43. Minor Works and Navigation—					
Provincial ..	61,239	..	61,239	..	..
Chargeable to 33. Famine Relief ..	5,044	..	5,044	..	..
Total ..	66,283	..	66,283	..	..

## No. 4.—Interest Account for and to end of 1922–1923.

	Amount.			Amount.	
	rs.			rs.	
Total interest charges to end of 1921–1922 ..	36,346		Net revenue realized to end of 1921–1922 ..	..	..
Total interest charges for the year 1922–1923 ..	2,204		Net revenue realized during 1922–1923 ..	..	..
Balance, net revenue ..	..		Balance, net interest charges ..	..	38,550
Total ..	38,550		Total ..	..	38,550

## ADMINISTRATIVE ACCOUNTS FOR THE YEAR 1922-1923.

## MADRAS PRESIDENCY.

TALAPULA VANKA TANK—*Tank Project.*

## No. 5.—Account of Indirect Charges for and to end of 1922-1923.

Particulars.	Previous.	1922-1923.	Total.
<b>CAPITAL—</b>			
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.
<i>Direct Charges.</i>	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		
Loss—Receipts on Capital Account .. ..									
Net Total ..	66,283		66,283				66,283		
<i>Indirect Charges.</i>									
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 1922-1923.

Heads of account.	DIRECT CHARGES.			Cost of construction as now estimated (construction estimate closed on 31st March 1896).	Expenditure against closed estimate.
	Previous.	1922-1923.	Total.		
<b>I. WORKS—</b>	RS.		RS.	RS.	RS.
(2) <i>Main Canals and Branches—</i>					
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) <i>Distributaries—</i>					
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 ..	31,387		31,387	31,387	31,387
(5) <i>Special tools and plant—</i>					
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. Loss—RECEIPTS ON CAPITAL ACCOUNT .. ..					
(a) Net Total ..	83,985		83,985	83,985	83,985

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

## IRRIGATION BRANCH.

## PUBLIC WORKS DEPARTMENT.

## CUMBUM TANK—Tank Project.

## No. 3.—Revenue Accounts for and to end of 1922-1923.

Receipts.	TOTAL.			Charges.	TOTAL.		
	Previous.	1922-1923.	Total.		Previous.	1922-1923.	Total.
<b>I. DIRECT RECEIPTS—</b>	RS.	RS.	RS.	<b>I. EXTENSIONS AND IMPROVEMENTS—</b>	RS.	RS.	RS.
8. 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 .. .. .	5,140	722	5,862
Irrigation Revenue realized in Civil Department ..	2,44,020	7,581	2,51,601	(4) Drainage and protective works ..	..	..	..
Total, Direct Receipts.	2,44,142	7,581	2,51,723	(5) Special tools and plant ..	..	..	..
<b>II. INDIRECT RECEIPTS—</b>				Add—Unclassifiable outlay ..	7,186	..	7,186
Share of Land Revenue collected in the Civil Department ..	21,401	461	21,862	Total ..	14,677	722	15,399
Total, Public Works and Civil Departments, Revenue ..	2,65,543	8,042	2,73,585	<b>II. MAINTENANCE AND REPAIRS—</b>			
				(1) Head works .. .. .	1,902	2	1,904
				(2) Main canals and branches ..	24,135	798	24,933
				(3) Distributaries .. .. .	22,114	..	22,114
				(4) Drainage and protective works ..	1,047	..	1,047
				(5) Special tools and plant ..	..	..	..
				Add—Unclassifiable outlay ..	24,128	..	24,128
				Total ..	73,326	800	74,126
				Total, Extensions and Improvements and Maintenance and Repairs.	88,003	1,522	89,525
				IV. ESTABLISHMENT .. .. .	24,727	1,527	26,254
				V. TOOLS AND PLANT .. .. .	757	22	779
				VI. REFUNDS OF REVENUE .. .. .	..	..	..
				Total, Direct Charges ..	1,13,487	3,071	1,16,558
				Share of collection charges in the Civil department .. .. .	13,271	402	13,673
				Indirect charges .. .. .	6,235	229	6,464
				Total, Direct and Indirect Charges.	1,32,993	3,702	1,36,695
				(a) Deduct—Old maintenance charges saved to Government .. .. .	24,000	1,718	25,718
				Net Total ..	1,08,993	1,984	1,10,977
				Balance, net revenue .. .. .	1,56,550	6,058	1,62,608
Total, Receipts ..	2,65,543	8,042	2,73,585	Grand Total ..	2,65,543	8,042	2,73,585

(a) Extensions and Improvements .. .. .	RS.	..	..	..	..	..	..	..
Maintenance and Repairs .. .. .	..	..	..	..	..	..	..	793
Establishment .. .. .	..	..	..	..	..	..	..	795
Tools and plant .. .. .	..	..	..	..	..	..	..	11
								1,599
Indirect charges .. .. .	..	..	..	..	..	..	..	119
								1,718
								Grand Total
								1,718

## No. 4.—Interest Account for and to end of 1922-1923.

	Amount.			Amount.	
	RS.			RS.	
Total interest charges to end of 1921-1922 ..	1,02,045		Net revenue realized to end of 1921-1922 ..	1,56,550	
Total interest charges for the year 1922-1923 ..	2,793		Net revenue realized during 1922-1923 ..	6,058	
Balance, net revenue .. .. .	57,770				
Total ..	1,62,608		Total ..	1,62,608	

## No. 5.—Account of Indirect Charges for and to end of 1922-1923.

Particulars.	Previous.	1922-1923.	Total
<b>CAPITAL—</b>			
Capitalization of abatement of Land Revenue ..	RS. 206	RS. ..	RS. 206
Leave and pension allowances .. .. .	2,182	..	2,182
Total ..	2,388	..	2,388
<b>REVENUE—</b>			
Capitalization of abatement of Land Revenue ..	2,764	..	2,764
Leave and pension allowances .. .. .	3,462	214	3,676
Audit and account .. .. .	9	15	24
Total ..	6,235	229	6,464
Grand Total ..	8,623	229	8,852

CUMBUM TANK—*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.		
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		

MARRAPUR TANK PROJECT—*Tank Project.*

## No. 2.—Capital Account for and to end of 1922-1923.

Heads of account.	DIRECT CHARGES.			Cost of construction as now estimated. Construction estimate closed on 31st March 1911.	Expenditure against closed estimate.
	Previous.	1922-1923.	Total.		
<b>I. WORKS—</b>	RS.		RS.	RS.	RS.
(1) <i>Head Works—</i>					
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) <i>Main Canals and Branches—</i>					
B. Land .. ..	2,499	..	2,499	2,499	2,499
C. Works .. ..	8,949	..	8,949	16,567	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. <i>Less—RECEIPTS ON CAPITAL ACCOUNT</i>	..	..	..	..	..
Net Total * .. ..	1,16,657	..	1,16,657	1,26,332	1,16,657

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

## IRRIGATION BRANCH.

## PUBLIC WORKS DEPARTMENT.

MARKAPUR TANK PROJECT—*Tank Project.*

## No. 3.—Revenue Account for and to end of 1922-1923.

Receipts.	TOTAL.			Charges.	TOTAL.		
	Previous.	1922-1923.	Total.		Previous.	1922-1923.	Total.
<b>I. DIRECT RECEIPTS—</b>	RS.	RS.	RS.	<b>I. EXTENSIONS AND IMPROVEMENTS—</b>	RS.	RS.	RS.
5. Receipts from plantations ..	..	..	..	(1) Head works ..	665	..	665
6. Receipts from other canal produce ..	41	30	71	(2) Main canals and branches ..	3,325	..	3,325
11. Miscellaneous ..	233	..	233	(3) Distributaries ..	23	..	23
<b>Total, Revenue realized in Public Works Department ..</b>	<b>274</b>	<b>30</b>	<b>304</b>	(4) Drainage and protective works ..	..	..	..
<b>Irrigation Revenue realized in Civil Department ..</b>	<b>51,696</b>	<b>2,786</b>	<b>54,431</b>	(5) Special tools and plant ..	..	..	..
<b>Total, Direct Receipts ..</b>	<b>51,970</b>	<b>2,766</b>	<b>54,736</b>	<b>Total ..</b>	<b>4,013</b>	<b>..</b>	<b>4,013</b>
<b>II. INDIRECT RECEIPTS—</b>				<b>II. MAINTENANCE AND REPAIRS—</b>			
Share of Land Revenue collected in the Civil Department ..	10	1	11	(1) Head works ..	7,712	505	8,217
<b>Total, Public Works and Civil Departments, Revenue ..</b>	<b>51,980</b>	<b>2,766</b>	<b>54,746</b>	(2) Main canals and branches ..	6,942	552	7,494
				(3) Distributaries ..	925	84	1,009
				(4) Drainage and protective works ..	..	..	..
				(5) Special tools and plant ..	..	..	..
				<b>Add—Unclassifiable outlay ..</b>	<b>..</b>	<b>..</b>	<b>..</b>
				<b>Total ..</b>	<b>15,579</b>	<b>1,141</b>	<b>16,720</b>
				<b>Total, Extensions and Improvements and Maintenance and Repairs ..</b>	<b>19,592</b>	<b>1,141</b>	<b>20,733</b>
				<b>IV. ESTABLISHMENT ..</b>	<b>7,969</b>	<b>1,145</b>	<b>9,114</b>
				<b>V. TOOLS AND PLANT ..</b>	<b>76</b>	<b>17</b>	<b>93</b>
				<b>VI. REFUNDS OF REVENUE ..</b>	<b>..</b>	<b>..</b>	<b>..</b>
				<b>Total, Direct Charges ..</b>	<b>27,637</b>	<b>2,303</b>	<b>29,940</b>
				<b>Share of collection charges in the Civil Department ..</b>	<b>2,583</b>	<b>137</b>	<b>2,720</b>
				<b>Indirect Charges ..</b>	<b>1,133</b>	<b>171</b>	<b>1,304</b>
				<b>Total, Direct and Indirect Charges ..</b>	<b>31,353</b>	<b>2,611</b>	<b>33,964</b>
				<b>Deduct—Old maintenance charges saved to Government * ..</b>	<b>2,597</b>	<b>525</b>	<b>2,922</b>
				<b>Net Total ..</b>	<b>28,956</b>	<b>2,086</b>	<b>31,042</b>
				<b>Balance, net revenue ..</b>	<b>23,024</b>	<b>680</b>	<b>23,704</b>
<b>Total, Receipts ..</b>	<b>51,980</b>	<b>2,766</b>	<b>54,746</b>	<b>Grand Total ..</b>	<b>51,980</b>	<b>2,766</b>	<b>54,746</b>

*Direct—		RS.
Extensions and improvements ..	..	29
Maintenance and repairs ..	..	213
Establishment ..	..	243
Tools and plant ..	..	4
<b>Total ..</b>	<b>..</b>	<b>489</b>
<b>Indirect ..</b>	<b>..</b>	<b>36</b>
<b>Total ..</b>	<b>..</b>	<b>525</b>

## No. 4.—Interest Account for and to end of 1922-1923.

	Amount.			Amount.	
	RS.			RS.	
Total interest charges to end of 1921-1922 ..	55,263		Net revenue realized to end of 1921-1922 ..	23,024	
Total interest charges for the year 1922-1923 ..	3,879		Net revenue realized during 1922-1923 ..	680	
Balance, net revenue ..	..		Balance, net interest charges ..	35,438	
<b>Total ..</b>	<b>59,142</b>		<b>Total ..</b>	<b>59,142</b>	

## No. 5.—Account of Indirect Charges for and to end of 1922-1923.

Particulars.	Previous.	1922-1923.	Total.
	RS.	RS.	RS.
<b>CAPITAL—</b>			
Capitalization of abatement of land revenue ..	1,038	..	1,038
Leave and pension allowances ..	2,963	..	2,963
<b>Total ..</b>	<b>4,001</b>	<b>..</b>	<b>4,001</b>
<b>REVENUE—</b>			
Leave and pension allowances ..	1,115	160	1,275
Audit and accounts ..	18	11	29
<b>Total ..</b>	<b>1,133</b>	<b>171</b>	<b>1,304</b>
<b>Grand Total ..</b>	<b>5,134</b>	<b>171</b>	<b>5,305</b>

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.		
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 I., 24th Mar. 1923.	7,618
Less—Receipts on Capital account .. .. .	..	..	..	..	..	..	..		
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 1922-1923.

Heads of account.	DIRECT CHARGES.			Cost of construction as now estimated.	Expenditure against closed estimate.
	Previous.	1921-1922.	Total.		
<b>I. WORKS—</b>	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."

## IRRIGATION BRANCH.

## PUBLIC WORKS DEPARTMENT.

YELLANUR TANK PROJECT—*Tank Project.*  
No. 3.—Revenue Account for and to end of 1922-1923.

Receipts.	TOTAL.			Charges.	TOTAL.		
	Previous.	1922-1923.	Total.		Previous.	1922-1923.	Total.
	RS.	RS.	RS.		RS.	RS.	RS.
<b>DIRECT RECEIPTS—</b>				<b>I. EXTENSIONS AND IMPROVEMENTS—</b>			
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
				<b>II. MAINTENANCE AND REPAIRS—</b>			
Total, Revenue realized in Public Works Department ..	..	..	..	(1) Head works .. ..	150	..	150
Irrigation Revenue realized in Civil Department ..	5,148	3,239	8,387	(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 ..	532	27	559
Total, Direct Receipts ..	5,148	3,239	8,387	Total, Extensions and Improvements and Maintenance and Repairs .. ..	551	27	578
<b>II. INDIRECT RECEIPTS—</b>				<b>IV. ESTABLISHMENT</b> .. ..	411	27	438
Share of land revenue collected in the Civil Department ..	124	464	588	<b>V. TOOLS AND PLANT</b> .. ..	6	..	6
				<b>VI. REFUNDS OF REVENUE</b> .. ..	..	..	..
Total, Public Works and Civil Departments, Revenue ..	5,272	3,703	8,975	Total, Direct Charges ..	968	54	1,022
				Share of collection charges in the Civil department .. ..	257	162	419
				Indirect charges .. ..	59	4	63
				Total, Direct and Indirect Charges ..	1,284	220	1,504
				* Deduct—			
				Old maintenance charges saved to Government .. ..	..	..	..
				Net total ..	1,284	220	1,504
				Balance, net revenue ..	3,988	3,483	7,471
Total, Receipts ..	5,272	3,703	8,975	Grand Total ..	5,272	3,703	8,975

## No. 4.—Interest Account for and to end of 1922-1923.

	Amount.		Amount.
	RS.		RS.
Total interest charges to end of 1921-1922 ..	84,653	Net revenue realized to end of 1921-1922 ..	3,988
Total interest charges for the year 1922-1923 ..	8,345	Net revenue realized during 1922-1923 ..	3,483
		Balance, net interest charges ..	85,527
Total ..	92,998	Total ..	92,998

YELLANUR TANK PROJECT—*Tank Project.*  
No. 5.—Account of Indirect Charges for and to end of 1922-1923.

Particulars.	Previous.	1922-1923.	Total.
<b>CAPITAL—</b>	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
<b>REVENUE—</b>			
Leave and pension allowances .. ..	58	4	62
Audit and account .. ..	1	..	1
Total ..	59	4	63
Grand Total ..	30,574	4	30,578

## 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>									
Works .. .. .	..	..	..	RS. 1,91,292	1,90,698	— 594	RS. 1,91,292	25 I., 16th Jan. 1918.	RS. 1,90,698
Establishment .. .. .	..	..	..	41,156	37,893	— 3,263	41,156		
Tools and plant .. .. .	..	..	..	7,087	7,120	83	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>									
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 1922-1923.

Heads of account.	DIRECT CHARGES.			Cost of construction as now estimated, construction estimate closed on 31st March 1919.	Expenditure against closed estimate.
	Previous.	1922-1923.	Total.		
<b>I. WORKS—</b>					
(1) <i>Head Works—</i>					
B. Land .. .. .	..	..	..	RS. 9,714	9,724
C. Works .. .. .	..	..	..	39,331	39,331
K. Buildings .. .. .	..	..	..	1,238	1,238
L. Earthwork .. .. .	..	..	..	42,981	42,981
O. Miscellaneous .. .. .	..	..	..	17	17
P. Maintenance .. .. .	..	..	..	..	..
Total .. .. .	..	..	..	93,281	93,281
(2) <i>Main Canals and Branches—</i>					
B. Land .. .. .	..	..	..	..	..
C. Works .. .. .	..	..	..	2,339	2,339
D. Regulators .. .. .	..	..	..	5,826	5,826
L. Earthwork .. .. .	..	..	..	15	15
O. Miscellaneous .. .. .	..	..	..	..	..
Total .. .. .	..	..	..	8,180	8,180
(5) <i>Special tools and plant</i>	..	..	..	..	..
Provision for unforeseen works .. .. .	..	..	..	..	..
Total, Works .. .. .	..	..	..	1,01,461	1,01,461
II. ESTABLISHMENT .. .. .	..	..	..	22,158	22,158
III. TOOLS AND PLANT .. .. .	..	..	..	1,046	1,046
Grand Total .. .. .	..	..	..	1,24,665	1,24,665
V. Less—Receipts on Capital account .. .. .	..	..	..	60	60
Net Total* .. .. .	..	..	..	1,24,605	1,24,605

\* Chargeable to "48. Minor Works and Navigation—Provincial."

## IRRIGATION BRANCH.

## PUBLIC WORKS DEPARTMENT.

KOCHERUVU TANK PROJECT—*Tank Project.*

## No. 3.—Revenue Account for and to end of 1922-1923.

Receipts.	TOTAL.			Charges.	TOTAL.		
	Previous.	1922-1923.	Total.		Previous.	1922-1923.	Total.
	RS.	RS.	RS.		RS.	RS.	RS.
<b>DIRECT RECEIPTS—</b>				<b>I. EXTENSIONS AND IMPROVEMENTS—</b>			
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	..	603
				(4) Drainage and protective works ..	..	..	..
				(5) Special tools and plant ..	..	..	..
				Total ..	704	..	704
Total, Revenue realized in Public Works Department ..	21	..	21	<b>II. MAINTENANCE AND REPAIRS—</b>			
Irrigation Revenue realized in Civil Department ..	-216	-309	-524	(1) Head works .. .. ..	4,306	384	4,690
				(2) Main canals and branches ..	..	..	..
				(3) Distributaries .. .. ..	..	..	..
				(4) Drainage and protective works ..	..	..	..
				(5) Special tools and plant ..	..	..	..
				Add—Unclassifiable outlay ..	..	..	..
Total, Direct Receipts ..	-194	-309	-503	Total ..	4,306	384	4,690
<b>II. INDIRECT RECEIPTS—</b>				Total, Extensions and Improvements and Maintenance and Repairs .. .. ..	5,010	384	5,394
Share of Land Revenue collected in the Civil Department ..	..	..	..	<b>IV. ESTABLISHMENT</b> .. .. ..	3,716	385	4,101
				<b>V. TOOLS AND PLANT</b> .. .. ..	53	6	59
Total, Public Works and Civil Departments, Revenue ..	-194	-309	-503	<b>VI. REFUNDS OF REVENUE</b> .. .. ..	4	..	4
				Total, Direct Charges ..	8,783	775	9,558
				Share of collection charges in the Civil Department .. .. ..	- 11	-15	- 26
				Indirect charges .. .. ..	529	58	587
				Total, Direct and Indirect Charges.	9,301	818	10,119
				Balance, net revenue .. .. ..	- 9,495	- 1,127	- 10,622
Total, Receipts ..	-194	-309	-503	Grand Total ..	- 194	-309	- 503

## No. 4.—Interest Account for and to end of 1922-23.

	Amount.			Amount.	
	RS.			RS.	
Total interest charges to end of 1921-22 ..	41,655		Net revenue realized to end of 1921-1922 ..	9,495	
Total interest charges for the year 1922-23 ..	4,333		Net revenue realized during 1922-1923 ..	1,127	
Balance, net revenue .. .. ..	..		Balance, net interest charges.. ..	56,610	
Total ..	45,988		Total ..	45,988	

KOCHERUVU TANK PROJECT—*Tank Project.*

## No. 5.—Account of Indirect Charges for and to end of 1922-1923.

Particulars.	Previous.	1922-1923.	Total.
<b>CAPITAL—</b>	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
<b>REVENUE—</b>			
Leave and pension allowances ... ..	519	54	573
Audit and accounts ... ..	10	4	14
Total ...	529	58	587
Grand total ...	11,658	58	11,716

## 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.		
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	...	...	...	1,24,605		
<i>Less—Receipts on Capital Account...</i>	60	...	60	...	...	...	60		
Net Total ...	1,24,605	...	1,24,605	...	...	...	1,24,605		
<i>Indirect Charges.</i>									
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		

## IRRIGATION BRANCH.

## PUBLIC WORKS DEPARTMENT.

SIDDAPUR TANK PROJECT—*Tank Project.*

## No. 2.—Capital Account for and to end of 1922–1923.

Head of account.	DIRECT CHARGES.			Cost of construction as now estimated (construction estimate closed on 31st October 1919).	Expenditure against closed estimate.
	Previous.	1922–1923.	Total.		
<b>I. WORKS—</b>	Rs.	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 ... ..	1,023	29	1,052	1,052	1,052
C. Works ... ..	...	...	...	...	...
L. Earthwork ... ..	...	...	...	...	...
O. Miscellaneous ... ..	...	...	...	...	...
Total ... ..	1,023	29	1,052	1,052	1,052
(5) <i>Special tools and plant.</i>	— 53,947	— 3,087	— 57,034	— 57,034	— 57,034
Provision for unforeseen works ... ..	...	...	...	...	...
Total works ... ..	5,25,809	— 3,058	5,22,751	5,22,751	5,22,751
<b>II. ESTABLISHMENT</b> ... ..	99,323	— 3,068	96,255	96,255	96,255
<b>III. TOOLS AND PLANT</b> ... ..	1,72,519	— 45	1,72,474	1,72,474	1,72,474
Total ... ..	7,97,651	— 6,171	7,91,480	7,91,480	7,91,480
<b>V. Less—RECEIPTS ON CAPITAL ACCOUNT</b> ... ..	442	...	442	442	442
Net Total ... ..	7,97,209	— 6,171	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 ... ..	434	— 6,171	— 5,737	...	...
	7,97,209	— 6,171	7,91,038	...	...

\* Represents expenditure incurred on preliminary investigation, etc.

SIDDAPUR TANK PROJECT—*Tank Project.*

## No. 3.—Revenue Account for and to end of 1922-1923.

Receipts.	TOTAL.			Charges.	TOTAL.		
	Previous.	1922-1923.	Total.		Previous.	1922-1923.	Total.
<b>I. DIRECT RECEIPTS—</b>	RS.	RS.	RS.	<b>I. EXTENSIONS AND IMPROVEMENTS—</b>	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	..	916	(5) Special tools and plant ..	..	..	..
Total, Direct Receipts ..	916	..	916	Total ..	233	..	233
<b>II. INDIRECT RECEIPTS—</b>				<b>II. MAINTENANCE AND REPAIRS—</b>			
Share of Land Revenue collected in the Civil Department ..	916	..	916	(1) Head works .. ..	1,547	580	2,127
Total, Public Works and Civil Departments, Revenue ..	..	..	..	(2) Main canals and branches ..	171	..	171
				(3) Distributaries .. ..	..	..	..
				(4) Drainage and protective works.	..	..	..
				(5) Special tools and plant ..	..	..	..
				Add—Unclassifiable outlay ..	..	..	..
				Total ..	1,718	580	2,298
				Total, Extensions and Improvements and Maintenance and Repairs ..	1,951	580	2,531
				<b>IV. ESTABLISHMENT</b> .. ..	1,474	582	2,056
				<b>V. TOOLS AND PLANT</b> .. ..	20	8	28
				<b>VI. REFUNDS OF REVENUE</b> .. ..	..	..	..
				Total, Direct Charges ..	3,445	1,170	4,615
				Share of collection charges in the Civil Department .. ..	46	..	46
				Indirect Charges .. ..	212	87	299
				Total, Direct and Indirect Charges ..	3,708	1,257	4,960
				Balance, net revenue .. ..	- 2,787	- 1,257	- 4,044
Total, Receipts ..	916	..	916	Grand Total ..	916	..	916

## No. 4.—Interest Account for and to end of 1922-23.

	Amount.			Amount.	
	RS.			RS.	
Total interest charges to end of 1921-1922 ..	2,33,733		Net revenue realized to end of 1921-1922 ..	- 2,787	
Total interest charges for the year 1922-1923 ..	26,562		Net revenue realized during 1922-1923 ..	- 1,267	
			Balance, net interest charges ..	2,64,339	
Total ..	2,60,295		Total ..	2,60,295	

## IRRIGATION BRANCH.

## PUBLIC WORKS DEPARTMENT.

SIDDAPUR TANK PROJECT—*Tank Project.*

## No. 5.—Account of Indirect Charges for and to end of 1922-1923.

Particulars.	Previous.	1922-1923.	Total.
<b>CAPITAL—</b>	Rs.	Rs.	Rs.
Capitalization of abatement of land revenue ... ..	13,905	—430	13,475
Leave and pension allowances ... ..	3	— 30	— 27
Audit and accounts ... ..			
Total ...	13,908	— 460	13,448
<b>REVENUE—</b>			
Capitalization of abatement of land revenue ... ..	206	81	287
Leave and pension allowances ... ..	6	6	12
Audit and accounts ... ..			
Total ...	212	87	299
Grand Total ...	14,120	— 373	13,747

## 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.
<i>Direct Charges.</i>	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		
<i>Less—Receipts on capital account.</i>	295	— 147	442	...	...	...	442		
Net Total ...	8,14,196	— 23,158	7,91,038	...	...	...	7,91,038		
<i>Indirect Charges.</i>									
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		

NAGAVARAM ANICUT AND SUPPLY CHANNEL—*Tank Project.*

## No. 2.—Capital Account for and to end of 1922-1923.

Heads of account.	DIRECT CHARGES.			Cost of construction as now estimated (construction estimate closed on 31st December 1918).	Expenditure against closed estimate.
	Previous.	1922-1923.	Total.		
<b>I. WORKS—</b>	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 ... ..	...	...	...	...	...
<b>Total ...</b>	<b>67,683</b>	<b>...</b>	<b>67,683</b>	<b>67,683</b>	<b>67,683</b>
(2) <i>Main Canals and Branches—</i>					
A. Preliminary expenses ...	...	...	445	445	445
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 ... ..	...	...	...	...	...
<b>Total ...</b>	<b>21,074</b>	<b>...</b>	<b>21,074</b>	<b>21,074</b>	<b>21,074</b>
(3) <i>Distributaries—</i>					
B. Land ... ..	...	...	...	...	...
C. Works ... ..	...	...	...	...	...
L. Earthwork ... ..	...	...	...	...	...
O. Miscellaneous ... ..	...	...	...	...	...
P. Maintenance ... ..	...	...	...	...	...
<b>Total ...</b>	<b>...</b>	<b>...</b>	<b>...</b>	<b>...</b>	<b>...</b>
Provision for unforeseen works ...	...	...	...	...	...
<b>Total, Works ...</b>	<b>88,757</b>	<b>...</b>	<b>88,757</b>	<b>88,757</b>	<b>88,757</b>
II. ESTABLISHMENT ... ..	18,538	...	18,538	18,538	18,538
III. TOOLS AND PLANT ... ..	...	...	...	...	...
<b>* Grand Total ...</b>	<b>1,07,295</b>	<b>...</b>	<b>1,07,295</b>	<b>1,07,295</b>	<b>1,07,295</b>

\* Chargeable to '48. Minor Works and Navigation—Provincial'.

## IRRIGATION BRANCH.

## PUBLIC WORKS DEPARTMENT.

NAGAVARAM ANICUT AND SUPPLY CHANNEL—*Tank Project.*

## No. 3.—Revenue Account for and to end of 1922-1923.

Receipts.	TOTAL			Charges.	TOTAL.		
	Previous.	1922-1923.	Total.		Previous.	1922-1923.	Total.
	RS.	RS.	RS.		RS.	RS.	RS.
<b>DIRECT RECEIPTS—</b>				<b>I. EXTENSIONS AND IMPROVEMENTS—</b>			
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 ..	..	..	..
Total, Revenue realized in Public Works Department ..	..	..	..	<b>II. MAINTENANCE AND REPAIRS—</b>			
Irrigation Revenue realized in Civil Department ..	3,618	950	4,568	(1) Head works .. ..	..	..	..
				(2) Main canals and branches ..	..	..	..
Total, Direct Receipts.	3,618	950	4,568	(3) Distributaries .. ..	..	..	..
<b>II. INDIRECT RECEIPTS—</b>				(4) Drainage and protective works.	..	..	..
Share of Land Revenue collected in the Civil Department ..	..	..	..	(5) Special tools and plant ..	..	..	..
				<i>Add—Unclassifiable outlay</i> ..	..	..	..
Total, Public Works and Civil Departments, Revenue ..	3,618	950	4,568	Total ..	..	..	..
				Total, Extensions and Improvements and Maintenance and Repairs ..	..	..	..
				<b>IV. ESTABLISHMENT</b> .. ..	..	..	..
				<b>V. TOOLS AND PLANT</b> .. ..	..	..	..
				<b>VI. REFUNDS OF REVENUE</b> .. ..	..	..	..
				Total, Direct Charges ..	..	..	..
				Share of collection charges in the Civil Department ..	181	47	228
				Indirect Charges .. ..	..	..	..
				Total, Direct and Indirect Charges ..	181	47	228
				Balance, net revenue .. ..	3,437	903	4,340
Total, Receipts ..	3,618	950	4,568	Grand Total ..	3,618	950	4,568

## No. 4.—Interest Account for and to end of 1922-23.

	Amount.		Amount.
	RS.		RS.
Total interest charges to end of 1921-1922 ..	31,786	Net revenue realized to end of 1921-1922 ..	3,437
Total interest charges for the year 1922-1923 ..	3,568	Net revenue realized during 1922-1923 ..	903
Balance, net revenue .. ..	..	Balance, net interest charges .. ..	31,014
<b>Total ..</b>	<b>35,354</b>	<b>Total ..</b>	<b>35,354</b>

## ADMINISTRATIVE ACCOUNTS FOR THE YEAR 1922-1923. MADRAS PRESIDENCY.

NAGAVARAM ANICUT AND SUPPLY CHANNEL—*Tank Project.*

## No. 5.—Account of Indirect Charges for and to end of 1922-1923.

Particulars.	Previous.	1922-1923.	Total.
	RS.		RS.
CAPITAL—			
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.	
	Expenditure against construction estimate.	Expenditure against open capital 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.		
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		
<i>Less—</i> Receipts on Capital Account .. ..	..	..	..	..	..	..	..		
Net Total ..	1,07,295	..	1,07,295	..	..	..	1,07,295		
<i>Indirect charges.</i>									
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		

VENKATAPURAM TANK PROJECT—*Tank Project.*

No. 2.—Capital Account for and to end of 1922–1923.

Heads of account.	DIRECT CHARGES.			Cost of construction as now estimated (construction estimate closed on 31st March 1918).	Expenditure against closed estimate.
	Previous.	1922–1923.	Total.		
<b>I. WORKS—</b>	Rs.		Rs.	Rs.	Rs.
(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	52,543
K. Buildings ... ..	1,884	...	1,884	1,884	1,053
L. Earthwork ... ..	2,30,139	...	2,30,139	2,30,357	2,28,400
O. Miscellaneous ... ..	332	...	332	333	251
<b>Total ...</b>	<b>2,86,463</b>	<b>...</b>	<b>2,86,463</b>	<b>2,86,682</b>	<b>2,84,028</b>
(2) <i>Main Canals and Branches—</i>					
A. Preliminary expenses ...	19	...	19	19	...
B. Land ... ..	2,702	...	2,702	2,953	...
C. Works .. ...	7,878	...	7,878	8,378	7,696
D. Regulators ... ..	...	...	...	...	...
F. Rivers and Hill Torrents ...	...	...	...	...	...
F. (1) Other cross drainage works.	...	...	...	...	...
G. Bridges ... ..	...	...	...	...	...
K. Buildings ... ..	...	...	...	...	...
L. Earthwork ... ..	6,890	...	6,890	6,975	6,130
O. Miscellaneous ... ..	41	...	41	40	2,954
P. Maintenance ... ..	...	...	...	...	...
<b>Total ...</b>	<b>17,530</b>	<b>...</b>	<b>17,530</b>	<b>18,365</b>	<b>16,780</b>
(3) <i>Distributaries—</i>					
B. Land ... ..	...	...	...	...	...
C. Works .. ...	...	...	...	...	...
L. Earthwork ... ..	...	...	...	...	...
O. Miscellaneous ... ..	...	...	...	...	...
P. Maintenance ... ..	...	...	...	...	...
<b>Total ...</b>	<b>...</b>	<b>...</b>	<b>...</b>	<b>...</b>	<b>...</b>
(5) <i>Special tools and plant—</i>					
Provision for unforeseen works ...	1	...	1	1	...
<b>Total, Works ...</b>	<b>3,03,994</b>	<b>...</b>	<b>3,03,994</b>	<b>3,05,048</b>	<b>3,00,808</b>
II. ESTABLISHMENT ... ..	64,539	...	64,539	63,854	62,353
III. TOOLS AND PLANT ... ..	4,236	...	4,236	4,262	4,205
<b>Grand Total ...</b>	<b>3,72,769</b>	<b>...</b>	<b>3,72,769</b>	<b>3,73,164</b>	<b>3,67,366</b>
V. <i>Less—RECEIPTS ON CAPITAL ACCOUNT.</i>	519	...	519	519	519
(a) <i>Net Total ...</i>	<b>3,72,250</b>	<b>...</b>	<b>3,72,250</b>	<b>3,72,645</b>	<b>3,66,847</b>
Chargeable to 35. Protective Works— Irrigation.	3,71,838	...	3,71,838	...	...
Chargeable to 55. Irrigation Works— Unproductive.	412	...	412	...	...
<b>Total ...</b>	<b>3,72,250</b>	<b>...</b>	<b>3,72,250</b>	<b>...</b>	<b>...</b>

## ADMINISTRATIVE ACCOUNTS FOR THE YEAR 1922-1923.

## MADRAS PRESIDENCY.

VENKATAPURAM TANK PROJECT—*Tank Project*—cont.

## No. 3.—Revenue Account for and to end of 1922-1923.

Receipts.	Total.			Charges.	Total.		
	Previous.	1922-1923.	Total.		Previous.	1922-1923.	Total.
<b>DIRECT RECEIPTS—</b>				<b>I. EXTENSIONS AND IMPROVEMENTS—</b>	RS.	RS.	RS.
6. Receipts from other canal produce ..	..	..	..	(1) Head works .. .. ..	..	..	..
9. Rents of buildings.	..	..	..	(2) Main canals and branches ..	54	..	54
11. Miscellaneous ..	..	..	..	(3) Distributaries .. .. ..	..	..	..
				(4) Drainage and protective works ..	..	..	..
				Total ..	54	..	54
Total, Revenue realized in Public Works Department ..	..	..	..	<b>II. MAINTENANCE AND REPAIRS—</b>			
Irrigation Revenue realized in Civil Department ..	674	— 172	502	(1) Head works .. .. ..	956	304	1,260
				(2) Main canals and branches ..	1,212	..	1,212
				(3) Distributaries .. .. ..	..	..	..
				(4) Drainage and protective works ..	..	..	..
Total, Direct Receipts.	674	— 172	502	Add—Unclassifiable outlay ..	..	..	..
<b>II. INDIRECT RECEIPTS—</b>				Total ..	2,168	304	2,472
Share of Land Revenue collected in the Civil Department ..	..	..	..	Total, Extensions and Improvements and Maintenance and Repairs .. .. ..	2,222	304	2,526
				IV. ESTABLISHMENT .. .. ..	1,745	305	2,050
Total, Public Works and Civil Departments, Revenue ..	674	— 172	502	V. TOOLS AND PLANT .. .. ..	24	4	28
				VI. REFUNDS OF REVENUE .. .. ..	..	..	..
				Total, Direct Charges ..	3,991	613	4,604
				Share of collection charges in the Civil Department .. .. ..	34	— 9	25
				Indirect Charges .. .. ..	255	46	301
				Total, Direct and Indirect Charges.	4,280	650	4,930
				Balance, Net revenue .. .. ..	— 3,606	— 822	— 4,428
Total, Receipts ..	674	— 172	502	Grand total ..	674	— 172	502

## No. 4.—Interest Account for and to end of 1922-1923.

	Amount.		Amount.
Total interest charges to end of 1921-1922 ..	RS. 1,23,164	Net revenue realized to end of 1921-1922 ..	— 3,606
Total interest charges for the year 1922-1923.	12,943	Net revenue realized during 1922-1923 ..	— 822
		Balance net interest charges .. ..	1,40,535
Total ..	1,36,107	Total ..	1,36,107

## IRRIGATION BRANCH.

## PUBLIC WORKS DEPARTMENT.

VENKATAPURAM TANK PROJECT—*Tank Project*—cont.  
No. 5.—Account of Indirect Charges for and to end of 1922-1923.

Particulars.	Previous.	1922-1923.	Total.
<b>CAPITAL—</b>			
Capitalization of abatement of land revenue .. ..	RS. 3,635	RS. ..	RS. 3,635
Leave and pension allowances .. ..	9,034	..	9,034
Audit and accounts .. ..	2	..	2
Total ..	12,671	..	12,671
<b>REVENUE—</b>			
Capitalization of abatement of land revenue .. ..	..	.. 43	.. 287
Leave and pension allowances .. ..	244	3	14
Audit and accounts .. ..	11	..	..
Total ..	255	46	301
Grand total ..	12,926	46	12,972

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 or 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 .. ..	3,00,808	..	3,00,808	3,186	4,240	1,054	3,03,994		
Establishment .. ..	62,353	..	62,353	2,186	1,501	— 685	64,539		
Tools and plant .. ..	4,205	..	4,205	31	57	26	4,236		
Suspense account .. ..	..	..	..	..	..	..	..		
Total ..	3,67,366	..	3,67,366	5,403	5,798	395	3,72,769		
<i>Less—Receipts on Capital Account .. ..</i>	519	..	519	..	..	..	519		
Net total ..	3,66,847	..	3,66,847	5,403	5,798	395	3,72,250	76 I., 5th March 1921.	
<i>Indirect Charges.</i>								Direct .. ..	4,240
Capitalized abatement of land revenue .. ..	3,627	..	3,627	8	..	— 8	3,635	Indirect .. ..	210
Leave and pension allowances .. ..	8,728	..	8,728	306	210	— 96	9,034		
Audit and accounts .. ..	..	..	..	2	..	— 2	2		
Total ..	12,355	..	12,355	316	210	— 106	12,671		
Grand total ..	3,79,202	..	3,79,202	5,719	6,008	289	3,84,921		

## KURNOOL-CUDDAPAH CANAL—Canal Project.

## No. 2.—Capital Account for and to end of 1922-1923.

Heads of account.	DIRECT CHARGES.			Cost of construction as now estimated (construction estimate closed).	Expenditure against closed estimate.
	Previous.	1922-1923.	Total.		
<b>I. WORKS—</b>					
(1) <i>Head Works—</i>	RS.	RS.	RS.	RS.	RS.
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	17,268	..
K. Buildings .. .. .	3,700	..	3,700	3,706	..
L. Earthwork .. .. .	352	..	352	185	..
O. Miscellaneous .. .. .	3,802	..	3,802	4,552	..
P. Maintenance .. .. .	200	..	200	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 .. .. .	72,020	163	72,183	1,71,367	1,45,567
E. Falls and weirs .. .. .	20,974	..	20,974	16,952	..
F. River and Hill torrent work .. .. .	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 .. .. .	2,63,489	295	2,63,785	2,29,738	29,087
M. Plantation .. .. .	..	..	..	..	..
N. Tanks and reservoirs .. .. .	1,076	..	1,076	..	..
O. Miscellaneous .. .. .	33,080	537	33,617	30,462	15,462
P. Maintenance .. .. .	4,250	..	4,250	3,000	..
Total .. .. .	6,39,467	996	6,40,463	7,95,247	2,41,561
(3) <i>Distributaries—</i>					
A. Preliminary expenses .. .. .	205	..	205	..	..
B. Land .. .. .	39,669	..	39,669	..	..
C. Works .. .. .	3,51,210	1,312	3,52,522	..	..
F (1). Other cross drainage works .. .. .	1,024	..	1,024	6,07,877	1,09,020
L. Earthwork .. .. .	2,31,883	..	2,31,883	..	..
O. Miscellaneous .. .. .	10,655	..	10,655	..	..
P. Maintenance .. .. .	856	..	856	..	..
Unforeseen works .. .. .	25	..	25	..	..
Total .. .. .	6,35,527	1,312	6,36,839	6,07,877	1,09,020
(5) <i>Special tools and plant—</i>					
Provision for unforeseen works .. .. .	—257	..	—257	11,337	..
Total, Works .. .. .	1,90,84,487	2,308	1,90,86,795	1,92,22,784	1,81,82,720
II. ESTABLISHMENT .. .. .	3,76,538	2,316	3,78,854	3,11,901	90,433
III. TOOLS AND PLANT .. .. .	3,001	34	3,035	12,438	279
Loss by exchange .. .. .	40,80,918	..	40,80,918	40,80,918	40,80,918
Grand total .. .. .	2,35,44,944	4,658	2,35,49,602	2,36,28,041	2,23,04,350
V. <i>Less—RECEIPTS ON CAPITAL ACCOUNT</i> .. .. .	2,31,977	..	2,31,977	2,26,747	2,26,747
Net total .. .. .	2,33,12,967	4,658	2,33,17,625	2,34,01,294	2,20,77,603
<i>Apportionment—</i>					
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." .. .. .	18,010	4,653	22,668	..	..
Total .. .. .	2,33,12,967	4,658	2,33,17,625	..	..

## IRRIGATION BRANCH.

## PUBLIC WORKS DEPARTMENT.

**KURNOOL-CUDDAPAH CANAL—Canal Project.**  
**No. 3.—Revenue Account for and to end of 1922–1923.**

Receipts.	TOTAL.			Charges.	TOTAL.		
	Previous.	1922-1923.	Total.		Previous.	1922-1923.	Total.
<b>I. DIRECT RECEIPTS—</b>	RS.	RS.	RS.	<b>I. EXTENSIONS AND IMPROVEMENTS—</b>	RS.	RS.	RS.
1. Water-rates from irrigation ..	35,98,514	..	35,98,514.	(1) Head works .. ..	46,982	..	46,982
3. Sale of water ..	93	..	93	(2) Main canals and branches ..	3,46,692	1,086	3,47,778
4. Water-supply of towns ..	66,762	1,529	68,291	(3) Distributaries .. ..	75,691	624	76,315
5. Receipts from plantations ..	24,242	..	24,242	(4) Drainage and protective works ..	13,251	..	13,251
6. Receipts from other canal produce ..	1,42,795	6,736	1,49,531	(5) Special tools and plant ..	— 74	— 94	— 168
6. Navigation receipts ..	78,771	828	79,529	Add—Unclassifiable outlay ..	565	..	565
9. Rents of buildings ..	31,887	781	32,668	Total ..	4,83,107	1,616	4,84,723
10. Fines ..	72	..	72	<b>II. MAINTENANCE AND REPAIRS—</b>			
11. Miscellaneous ..	99,139	3,732	1,02,871	(1) Head works .. ..	2,07,356	1,663	2,09,019
Deduct Refunds ..	..	87	87	(2) Main canals and branches ..	26,72,551	60,919	27,33,470
Total, Revenue realized in Public Works Department ..	40,42,275	13,519	40,55,794	(3) Distributaries .. ..	3,63,882	9,647	3,73,529
Irrigation Revenue realized in Civil Department ..	34,95,354	3,27,600	38,22,954	(4) Drainage and protective works ..	20,108	..	20,108
<b>Total, Direct Receipts ..</b>	<b>75,37,629</b>	<b>3,41,119</b>	<b>78,78,748</b>	(5) Special tools and plant ..	4,913	1,258	6,171
<b>II. INDIRECT RECEIPTS—</b>				Add—Unclassifiable outlay ..	11,150	..	11,150
Share of land revenue collected in the Civil Department ..	23,164	1,960	25,124	Total ..	32,79,960	73,487	33,53,447
Total, Public Works and Civil Departments, Revenue ..	75,60,793	3,43,079	79,03,872	Total, Extensions and Improvements and Maintenance and Repairs ..	37,63,067	75,103	38,38,170
<b>Total, Receipts ..</b>	<b>75,60,793</b>	<b>3,43,079</b>	<b>79,03,872</b>	<b>IV. ESTABLISHMENT .. ..</b>	<b>14,70,099</b>	<b>75,369</b>	<b>15,45,468</b>
				<b>V. TOOLS AND PLANT .. ..</b>	<b>1,08,522</b>	<b>1,099</b>	<b>1,09,621</b>
				<b>VI. REFUNDS OF REVENUE .. ..</b>	<b>14,592</b>	<b>..</b>	<b>14,592</b>
				Deduct Recoveries on Revenue Account ..	196	..	196
				Total, Direct Charges ..	53,56,084	1,51,571	55,07,655
				Share of collection charges in the Civil Department ..	1,85,787	16,470	2,02,257
				Indirect Charges .. ..	2,12,978	11,303	2,24,281
				Total, Direct and Indirect Charges ..	57,54,849	1,79,344	59,34,193
				Deduct old maintenance charges saved to Government * .. ..	29,982	6,481	36,463
				Net total ..	57,24,867	1,72,863	58,97,730
				Balance, net revenue ..	18,35,926	1,70,216	20,06,142
				Grand total ..	75,60,793	3,43,079	79,03,872

\* Direct—

Extensions and improvements .. ..	232
Maintenance and repairs .. ..	2,757
Establishment .. ..	2,999
Tools and plant .. ..	43

Indirect .. ..	450
Total ..	6,481
Total, Direct and Indirect ..	6,481

**No. 4.—Interest Account for and to end of 1922–1923.**

	Amount.		Amount.
	RS.		RS.
Total interest charges to end of 1921-1922	3,29,24,391	Net revenue realized to end of 1921-1922 ..	18,35,926
* Total interest charges for the year 1922-1923	7,84,911	Net revenue realized during 1922-1923 ..	1,70,216
		Balance net interest charges .. ..	3,17,03,160
Total	3,37,09,302	Total ..	3,37,09,302

## KURNOOL-CUDDAPAH CANAL--Canal Project.

## No. 5.—Account of Indirect Charges for and to end of 1922-1923.

Particulars.	Previous.	1922-1923.	Total.
<b>CAPITAL—</b>			
Capitalization of abatement of land revenue .. ..	Rs. 19,983	Rs. ..	Rs. 19,983
Leave and pension allowances .. ..	52,734	324	53,058
Audit and accounts .. ..	94	23	117
Total ..	72,811	347	73,158
<b>REVENUE—</b>			
Capitalization of abatement of land revenue .. ..	5,653	..	5,653
Leave and pension allowances .. ..	2,06,243	10,552	2,16,795
Audit and accounts .. ..	1,082	751	1,833
Total ..	2,12,978	11,303	2,24,281
Grand total ..	2,85,789	11,650	2,97,439

## 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 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 .. ..	1,77,82,139	2,50,581	1,81,32,720	9,54,075	10,90,064	1,35,989	1,90,86,795	851 I., 8th Oct. 1900.	2,32,200
Establishment .. ..	..	90,433	90,433	2,88,421	2,21,468	— 66,953	3,78,564		
Tools and plant .. ..	..	279	279	..	12,159	9,403	3,035		
Suspense account .. ..	..	..	..	..	..	..	40,80,918		
Loss by exchange .. ..	40,80,918	..	40,80,918	..	..	..	..		
Total ..	2,18,63,057	4,41,293	2,23,04,350	12,45,252	13,23,691	78,439	2,35,49,559	487 I., 21st Nov. 1916.	7,42,514
Less—Receipts on Capital Account.	2,24,115	2,632	2,26,747	5,230	..	— 5,230	2,31,977	156 I., 10th April 1916.	80,000
								17 I., 8th Jan. 1918.	25,800
								Mis. 483 I., 10th December 1921.	9,550
								Total ..	10,90,064
Net Total ..	2,16,38,942	4,38,661	2,20,77,603	12,40,022	13,23,691	83,669	2,33,17,625	<i>Indirect Charges.</i>	
<i>Indirect Charges.</i>								851 I., 8th Oct. 1900.	23,000
Capitalized abatement of land revenue.	..	2,377	2,377	17,606	41,098	23,492	19,983	487 I., 21st Nov. 1916.	42,096
Leave and pension allowances.	..	12,660	12,660	40,398	29,276	— 11,122	53,058	156 I., 10th April 1916.	5,278
Audit and accounts.	..	8	8	109	..	— 109	117	Total ..	70,374
Total ..	..	15,045	15,045	58,113	70,374	12,261	73,158		
Grand Total ..	2,16,38,942	4,53,706	2,20,92,648	12,38,135	13,94,065	95,930	2,33,90,783		

## IRRIGATION BRANCH.

## PUBLIC WORKS DEPARTMENT.

BARUR TANK—*Tank Project.*

## No. 2.—Capital Account for and to end of 1922-1923.

Heads of account.	DIRECT CHARGES.			Cost of construction as now estimated (construction estimate closed on 31st March 1891).	Expenditure against closed estimate.
	Previous.	1922-1923.	Total.		
<b>I. WORKS—</b>	Rs.	Rs.	Rs.	Rs.	Rs.
(1) <i>Head Works—</i>					
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
<b>Total</b> ...	<b>45,673</b>	...	<b>45,673</b>	<b>45,673</b>	<b>45,673</b>
(2) <i>Main Canals and Branches—</i>					
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
<b>Total</b> ...	<b>1,25,675</b>	...	<b>1,25,675</b>	<b>1,25,675</b>	<b>1,25,675</b>
(2-A) <i>Reservoirs—</i>					
C. Works ... ..	2,949	...	2,949	2,949	2,949
L. Earthwork ... ..	66,826	...	66,826	66,826	66,826
<b>Total</b> ...	<b>69,775</b>	...	<b>69,775</b>	<b>69,775</b>	<b>69,775</b>
(3) <i>Distributaries—</i>					
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
<b>Total</b> ...	<b>94,642</b>	...	<b>94,642</b>	<b>94,642</b>	<b>94,642</b>
(5) Special tools and plant ... ..	...	...	...	...	...
Provision for unforeseen works ... ..	...	...	...	...	...
<b>Total, Works</b> ...	<b>3,35,765</b>	...	<b>3,35,765</b>	<b>3,35,765</b>	<b>3,35,765</b>
II. ESTABLISHMENT ... ..	76,701	...	76,701	76,701	76,701
III. TOOLS AND PLANT ... ..	6,931	...	6,931	6,931	6,931
<b>Grand total</b> ...	<b>4,19,397</b>	...	<b>4,19,397</b>	<b>4,19,397</b>	<b>4,19,397</b>
V. <i>Less—RECEIPTS ON CAPITAL ACCOUNT</i> ... ..	22	...	22	22	22
(a) <i>Net total</i> ...	<b>4,19,375</b>	...	<b>4,19,375</b>	<b>4,19,375</b>	<b>4,19,375</b>

(a) Chargeable to 49. Irrigation .. .. .	Rs.	4,02,176
Do. to 43. Minor Works and Navigation—Provincial .. .. .		17,199
<b>Total</b> ..		<b>4,19,375</b>

BARUR TANK—*Tank Project*—cont.

## No. 3.—Revenue Account for and to end of 1922-1923.

Receipts.	TOTAL.			Charges.	TOTAL.		
	Previous.	1922-1923.	Total.		Previous.	1922-1923.	Total.
<b>I. DIRECT RECEIPTS—</b>	RS.	RS.	RS.	<b>I. EXTENSIONS AND IMPROVEMENTS—</b>	RS.	RS.	RS.
5. Receipts from plantations ..	41	..	41	(1) Head works .. .. .	4,441	..	4,441
6. Receipts from other canal produce ..	8,795	1,464	10,259	(2) Main canals and branches ..	17,574	..	17,574
9. Rents of buildings.	526	51	577	(3) Distributaries .. .. .	2,561	..	2,561
				(4) Drainage and protective works ..	1,661	..	1,661
				(5) Special tools and plant ..	..	..	..
				Total ..	23,237	..	26,237
11. Miscellaneous ..	1,740	4	1,744	<b>II. MAINTENANCE AND REPAIRS—</b>			
Deduct Refunds ..	..	24	24	(1) Head works .. .. .	17,824	2,774	2,05,998
Total, Revenue realized in Public Works Department ..	11,102	1,495	12,597	(2) Main canals and branches ..	98,456	..	95,453
Irrigation Revenue realized in Civil Department ..	4,35,269	17,441	4,52,710	(3) Distributaries .. .. .	10,068	..	10,068
				(4) Drainage and protective works ..	666	..	666
				(5) Special tools and plant ..	..	..	..
				Total ..	1,27,014	2,774	1,29,788
Total, Direct Receipts ..	4,46,371	18,936	4,65,307	Total, Extensions and Improvements and Maintenance and Repairs ..	1,53,251	2,774	1,56,025
<b>II. INDIRECT RECEIPTS—</b>				<b>IV. ESTABLISHMENT</b> .. .. .	58,713	1,017	59,735
Share of land revenue collected in the Civil Department ..	8,852	471	9,323	<b>V. TOOLS AND PLANT</b> .. .. .	367	25	392
				<b>VI. REFUNDS OF REVENUE</b> .. .. .	54	..	54
Total, Public Works and Civil Departments, Revenue ..	4,55,223	19,407	4,74,630	Total, Direct Charges ..	2,12,390	3,816	2,16,206
				Share of collection charges in the Civil Department .. .. .	21,831	874	22,705
				Indirect charges .. .. .	8,381	170	8,551
				Total, Direct and Indirect Charges.	2,42,602	4,860	2,47,462
				Balance, Net revenue .. .. .	2,12,621	14,547	2,27,168
Total, Receipts ..	4,55,223	19,407	4,74,630	Grand Total ..	4,55,223	19,407	4,74,630

## No. 4.—Interest Account for and to end of 1922-1923.

	Amount.			Amount.	
	RS.			RS.	
Total interest charges to end of 1921-1922 ..	5,49,766		Net revenue realized to end of 1921-1922 ..	2,12,621	
Total interest charges for the year 1922-1923 ..	13,946		Net revenue realized during 1922-1923 ..	14,547	
			Balance net interest charges .. .. .	3,36,548	
Total ..	5,63,711		Total ..	5,63,711	

## IRRIGATION BRANCH.

## PUBLIC WORKS DEPARTMENT.

BARUR TANK—*Tank Project*—cont.

## No. 5.—Account of Indirect Charges for and to end of 1922-1923.

Particulars.	Previous.	1922-1923.	Total.
<b>CAPITAL—</b>	RS.	RS.	RS.
Capitalization of abatement of land revenue .. ..	13,000	..	13,000
Leave and pension allowances .. ..	10,788	..	10,788
Audit and accounts .. ..	..	..	..
Total ..	23,738	..	23,738
<b>REVENUE—</b>			
Capitalization of abatement of land revenue .. ..	130	..	130
Leave and pension allowances .. ..	8,221	142	8,363
Audit and accounts .. ..	30	28	58
Total ..	8,381	170	8,551
Grand Total ..	32,119	170	32,289

## 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.		
<i>Direct charges.</i>	RS.	RS.	RS.				RS.	
Works .. ..	3,11,681	24,084	3,35,765	..	..	..	3,35,765	
Establishment .. ..	71,688	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	
<i>Indirect charges.</i>								
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	

KANNIAMPALIAM ANICUT—*Tank Project.*

## No. 2.—Capital Account for and to end of 1922-1923.

Heads of account.	DIRECT CHARGES.			Cost of construction as now estimated.	Expenditure against closed estimate
	Previous.	1922-1923.	Total.		
<b>I. WORKS—</b>	RS.	RS.	RS.	RS.	
(1) <i>Head Works—</i>					
A. Preliminary expenses ...	1,762	...	1,762	1,762	...
B. Land ... ..	...	...	...	...	...
C. Works ... ..	68,580	6,042	74,622	74,146	...
K. Buildings ... ..	1,000	— 1,000	...	...	...
L. Earthwork ... ..	...	...	...	...	...
O. Miscellaneous ... ..	...	...	...	...	...
Total ...	71,342	5,042	76,384	75,908	...
(2) <i>Main Canals and Branches—</i>					
A. Preliminary expenses ...	...	...	...	...	...
B. Land ... ..	...	...	...	...	...
C. Works ... ..	683	461	1,144	7,400	...
D. Regulators ... ..	...	...	...	...	...
F. Rivers and Hill Torrents.	640	— 640	...	...	...
F. (1) Other cross drainage works ... ..	11,136	640	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 ...	20,924	1,461	22,385	31,449	...
(3) <i>Distributaries—</i>					
B. Land ... ..	...	...	...	...	...
C. Works ... ..	...	...	...	...	...
L. Earthwork ... ..	...	...	...	...	...
O. Miscellaneous ... ..	...	...	...	...	...
P. Maintenance ... ..	...	...	...	...	...
Total ...	...	...	...	...	...
(5) Special tools and plant ...	...	...	...	...	...
Provision for unforeseen works ...	...	...	...	...	...
Total, Works ...	92,266	6,503	98,769	1,07,357	...
II. ESTABLISHMENT ... ..	25,172	2,384	27,556	26,839	...
III. TOOLS AND PLANT ... ..	453	58	511	2,147	...
Grand Total ...	1,17,891	8,945	1,26,836	1,36,343	...
V. Less receipts on capital account ...	...	...	...	...	...
Net Total ...	1,17,891	8,945	1,26,836	1,36,343	...
Chargeable to "43. Irrigation—Provincial"	1,15,679	...	1,15,679	...	...
Chargeable to 55—A. Irrigation works—2. Unproductive ... ..	2,212	8,945	11,157	...	...
Total ...	1,17,891	8,945	1,26,836	...	...

## IRRIGATION BRANCH.

## PUBLIC WORKS DEPARTMENT.

KANNIAMPALIAM ANICUT—*Tank Project.*

## No. 3.—Revenue Account for and to end of 1922-23.

Receipts.	TOTAL.			Charges.	TOTAL.		
	Previous.	1922-1923.	Total.		Previous.	1922-1923.	Total.
<b>I. DIRECT RECEIPTS—</b>				<b>I. EXTENSIONS AND IMPROVEMENTS—</b>		RS.	RS.
6. Receipts from other canal produce ..	..	..	..	(1) Head works ..	..	..	..
9. Rent of buildings ..	..	..	..	(2) Main canals and branches ..	..	..	..
11. Miscellaneous ..	..	..	..	(3) Distributaries ..	..	..	..
				(4) Drainage and protective works ..	..	..	..
				(5) Special tools and plant ..	..	..	..
				Total ..	..	..	..
Total, Revenue realized in the Public Works Department ..	..	..	..	<b>II. MAINTENANCE AND REPAIRS—</b>			
				(1) Head works ..	..	865	865
Irrigation Revenue realized in Civil Department ..	..	..	..	(2) Main canals and branches ..	..	..	..
				(3) Distributaries ..	..	..	..
Total, Direct receipts ..	..	..	..	(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 ..	..	..	..	Total ..	..	865	865
				Total, Extensions and Improvements and Maintenance and Repairs ..	..	865	865
Total, Public Works and Civil Departments, Revenue ..	..	..	..	IV. ESTABLISHMENT ..	..	317	317
				V. TOOLS AND PLANT ..	..	7	7
				VI. REFUNDS AND REVENUE ..	..	..	..
Total, Receipts ..	..	..	..	Total, Direct charges ..	..	1,189	1,189
				Share of collection charges in the Civil Department ..	..	..	..
				Indirect charges ..	..	53	53
				Total, Direct and Indirect charges ..	..	1,242	— 1,242
				Balance, Net revenue ..	..	— 1,242	— 1,242
				Grand total ..	..	..	..

## No. 4.—Interest Account for and to end of 1922-1923.

	Amount.		Amount.
	RS.		RS.
Total interest charges to end of 1921-1922 ..	19,888	Net revenue realized to end of 1921-1922 ..	..
Total interest charges for the year 1922-1923 ..	6,094	Net revenue realized during 1922-1923 ..	— 1,242
		Balance net interest charges ..	..
		Total ..	27,224
Total ..	25,982	Total ..	25,982

KANNIAMPALIAM ANICUT—*Tank Project.*

## No. 5.—Account of Indirect Charges for and to end of 1922-1923.

Particulars.	Previous.	1922-1923.	Total.
<b>CAPITAL—</b>	RS	RS.	RS.
Capitalization of abatement of Land Revenue	...	...	...
Leave and pension allowances ...	3,525	334	3,859
Audit and accounts ... ..	15	65	80
Total ...	3,540	399	3,939
<b>REVENUE—</b>			
Capitalization of abatement of Land Revenue	...	...	...
Leave and pension allowances ...	...	44	44
Audit and accounts ... ..	...	9	9
Total ...	...	53	53
Grand Total ...	3,540	452	3,992

## 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 ... ..	...	...	...	98,769	1,07,357	8,588	98,769		
Establishment ...	...	...	...	27,556	26,839	717	27,556		
Tools and plant ...	...	...	...	511	2,147	1,636	511		
Suspense account.	...	...	...	...	...	...	...		
Total ...	...	...	...	1,25,836	1,36,343	9,507	1,26,836	375 L., 27th Sep. 1921.	1,07,667
Less—Receipts on capital account.	...	...	...	...	...	...	...		
Net Total ...	...	...	...	1,26,836	1,36,343	9,507	1,26,836		
<i>Indirect Charges.</i>								<i>Indirect Charges.</i>	
Capitalized abatement of Land Revenue.	...	...	...	...	...	..	...	375 L., 27th Sep. 1921.	3,757
Leave and pension allowances.	...	...	...	3,859	3,757	102	3,859		
Audit and accounts	...	...	...	80	...	80	80		
Total ...	...	...	...	3,939	3,757	182	3,939		
Grand Total ...	...	...	...	1,30,775	1,40,100	9,325	1,30,775		

MADRAS WATER-SUPPLY AND IRRIGATION SYSTEM—*Tank Project.*

## No. 2.—Capital Account for and to end of 1922-23.

Heads of account.	DIRECT CHARGES.			Cost of construction as now estimated (closed in 1893).	Expenditure against closed estimate.
	Previous.	1922-23.	Total.		
<b>I. WORKS—</b>	RS.	RS.	RS.	RS.	RS.
(1) <i>Head Works—</i>					
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) <i>Main Canals and Branches—</i>					
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	...	53,739	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	...	3,52,150	3,54,450	3,52,150
<i>Reservoirs—</i>					
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) <i>Distributaries—</i>					
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) <i>Drainage and protective works—</i>					
C. Works ... ..	2,672	...	2,672	2,672	2,672
(5) Special tools and plant ... ..	...	...	...	...	...
Provision for unforeseen works ... ..	...	...	...	...	...
Total, Works ... ..	13,51,752	...	13,51,752	13,53,857	13,49,457
II. ESTABLISHMENT ... ..	2,22,262	...	2,22,262	2,22,782	2,21,762
III. TOOLS AND PLANT ... ..	6,824	...	6,824	6,866	6,790
Grand Total ... ..	15,80,838	...	15,80,838	15,83,505	15,78,009
V. <i>Less—RECEIPTS ON CAPITAL ACCOUNT</i> ... ..	1,302	...	1,302	1,302	1,302
(a) Net Total ... ..	15,79,536	...	15,79,536	15,82,203	15,76,707

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

MADRAS WATER-SUPPLY AND IRRIGATION SYSTEM—*Tank Project.*

## No. 3.—Revenue Account for and to end of 1922-23.

Receipts.	TOTAL.			Charges.	TOTAL.		
	Previous.	1922-23.	Total.		Previous.	1922-23.	Total.
<b>I. DIRECT RECEIPTS—</b>	RS.	RS.	RS.	<b>I. EXTENSIONS AND IMPROVEMENTS—</b>	RS.	RS.	RS.
3. Sales of water ..	8,28,354	34,073	8,62,427	(1) Head works .. .. .	6,704	..	6,704
5. Receipts from plan- tations ..	1,663	92	1,755	(2) Main canals and branches ..	36,101	..	36,101
6. Receipts from other canal produce ..	4,792	..	4,792	(3) Distributaries .. .. .	3,277	..	3,277
9. Rents of buildings.	1,068	43	1,111	(4) Drainage and protective works ..	613	..	613
10. Fines .. .. .	39	..	39	(5) Special tools and plant ..	22	..	22
11. Miscellaneous ..	4,161	313	4,474	Total ..	46,717	..	46,695
Total, Revenue realized in Public Works De- partment .. .. .	8,40,077	34,521	8,74,598	<b>II. MAINTENANCE AND REPAIRS—</b>			
Irrigation revenue real- ized in Civil Depart- ment .. .. .	5,38,284	18,397	5,56,681	(1) Head works .. .. .	61,876	..	61,876
<b>Total, Direct Revenue ..</b>	<b>13,78,361</b>	<b>52,918</b>	<b>14,31,279</b>	(2) Main canals and branches ..	5,97,241	23,244	6,20,485
<b>II. INDIRECT RECEIPTS—</b>				(3) Distributaries .. .. .	3,980	..	3,980
Share of land revenue collected in the Civil De- partment ..	22,105	462	22,567	(4) Drainage and protective works ..	2,008	..	2,008
Total Public Works and Civil Departments. Revenue .. .. .	14,00,466	53,380	14,53,846	(5) Special tools and plant .. .. .	..	..	..
				<i>Add—Unclassifiable outlay</i> ..	..	..	..
				Total ..	6,65,105	23,244	6,88,349
				Total, Extensions and Improvements and Maintenance and Repairs ..	7,11,822	23,244	7,35,066
				IV. ESTABLISHMENT .. .. .	2,36,523	6,461	2,42,984
				V. TOOLS AND PLANT .. .. .	8,197	542	8,739
				VI. REFUNDS OF REVENUE .. .. .	88	..	88
				Total Direct Charges ..	9,56,630	30,247	9,86,877
				Share of collection charges in the Civil Department .. .. .	30,208	943	31,151
				Indirect charges .. .. .	34,342	1,137	35,479
				Total, Direct and Indirect Charges ..	10,21,180	32,327	10,53,507
				<i>Deduct—Old maintenance charges saved to Government (a) ..</i>	2,52,600	5,131	2,57,731
				Net Total ..	7,68,580	27,196	7,95,776
				Balance, Net revenue ..	6,31,886	26,184	6,58,070
<b>Total, Receipts ..</b>	<b>14,00,466</b>	<b>53,380</b>	<b>14,53,846</b>	<b>Grand Total ..</b>	<b>14,00,466</b>	<b>53,380</b>	<b>14,53,846</b>

	RS.
(a) Extensions and improvements .. .. .	3,600
Maintenance and repairs .. .. .	200
Establishment .. .. .	1,056
Tools and plant .. .. .	89
Total, Direct charges ..	4,945
Indirect charges .. .. .	186
Grand Total ..	5,131

## No. 4.—Interest Account for and to end of 1922-23.

	Amount.		Amount.
Total interest charges to end of 1921-22 ..	RS. 30,68,327	Net revenue realized to end of 1921-22 ..	6,31,886
Total interest charges for the year 1922-23 ..	53,281	Net revenue realized during 1922-23 ..	26,184
		Balance, Net interest charges ..	24,63,488
<b>Total ..</b>	<b>31,21,558</b>	<b>Total ..</b>	<b>31,21,558</b>

## IRRIGATION BRANCH.

## PUBLIC WORKS DEPARTMENT.

MADRAS WATER-SUPPLY AND IRRIGATION SYSTEM—*Tank Project.*

## No. 5.—Account of Indirect Charges for and to end of 1922–1923.

Particulars.	Previous.	1922–1923.	Total.
	Rs.	Rs.	Rs.
<b>CAPITAL—</b>			
Capitalization of abatement of land revenue ... ..	2,08,120	...	2,08,120
Leave and pension allowances ... ..	31,458	...	31,458
Audit and accounts ... ..	...	...	...
Total ...	2,39,578	...	2,39,578
<b>REVENUE—</b>			
Capitalization of abatement of land revenue ... ..	1,095	...	1,095
Leave and pension allowances ... ..	32,960	905	33,865
Audit and accounts ... ..	287	232	519
Total ...	34,342	1,137	35,479
Grand Total ...	2,73,920	1,137	2,75,057

## 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.
	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.		Rs.
<i>Direct Charges.</i>									
Works ... ..	12,97,799	51,658	13,49,457	2,295	4,400	2,105	13,51,752		
Establishment ... ..	2,12,547	9,215	2,21,762	500	1,020	520	2,22,262		
Tools and plant ... ..	6,648	142	6,790	34	76	42	6,824		
Suspense account. ... ..	...	...	...	...	...	...	...		
Total ...	15,16,994	61,015	15,78,009	2,829	5,496	2,667	15,80,838		
<i>Less—Receipts on Capital Account.</i>	1,167	135	1,302	...	...	...	1,302		
Net Total ...	15,15,827	60,880	15,76,707	2,829	5,496	2,667	15,79,536		
<i>Indirect Charges.</i>									
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	70	...	—70	31,458	Mis. 483 I., 9th Dec. 1921.	2,100
Total ...	2,38,218	1,290	2,39,508	70	...	—70	2,39,578		
Grand Total ...	17,54,045	62,170	18,16,215	2,899	5,496	2,597	18,19,114		4,400

## PELANDORAI ANICUT SYSTEM—Canal Project.

## No. 2.—Capital Account for and to end of 1922-1923.

Heads of account.	DIRECT CHARGES.			Cost of construction as now estimated (closed in 1893).	Expenditure against closed estimate.
	Previous.	1922-1923.	Total.		
<b>I. WORKS—</b>	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	9,958	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	2,06,931	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	5,20,637	5,20,637
II. ESTABLISHMENT ... ..	1,17,367	...	1,17,367	1,17,367	1,17,367
III. TOOLS AND PLANT ... ..	6,064	...	6,064	6,064	6,064
Grand Total ...	6,44,068	...	6,44,068	6,44,068	6,44,068
V. Less—RECEIPTS ON CAPITAL ACCOUNT ... ..	798	...	798	798	798
* Net Total ...	6,43,270	...	6,43,270	6,43,270	6,43,270

## IRRIGATION BRANCH.

## PUBLIC WORKS DEPARTMENT.

## PELANDORAI ANICUT SYSTEM—Canal Project.

## No. 3.—Revenue Account for and to end of 1922-1923.

Receipts.	TOTAL.			Charges.	TOTAL.		
	Previous.	1922-1923.	Total.		Previous.	1922-1923.	Total.
<b>I. DIRECT RECEIPTS—</b>	RS.	RS.	RS.	<b>I. EXTENSIONS AND IMPROVEMENTS—</b>	RS.	RS.	RS.
5. Receipts from plantations ..	5,982	412	6,394	(1) Head works .. ..	16,572	12	16,584
6. Receipts from other canal produce ..	6,406	172	6,578	(2) Main canals and branches ..	43,546	901	44,447
9. Rents of buildings.	731	116	847	(3) Distributaries .. ..	18,178	..	18,178
10. Fines .. ..	1	..	1	(4) Drainage and protective works ..	..	..	..
11. Miscellaneous ..	666	42	708	(5) Special tools and plant ..	..	..	..
Deduct—Refunds ..	5	1	6	Total ..	78,296	913	79,209
Total, Revenue realized in Public Works Department .. ..	13,781	741	14,522	<b>II. MAINTENANCE AND REPAIRS—</b>			
Irrigation Revenue realized in Civil Department .. ..	12,47,733	53,677	1,01,410	(1) Head works .. ..	2,94,692	2,520	2,97,212
Total, Direct receipts ..	12,61,514	54,418	13,15,932	(2) Main canals and branches ..	3,05,949	6,838	3,12,787
<b>II. INDIRECT RECEIPTS—</b>				(3) Distributaries .. ..	38,056	..	38,056
Share of land revenue collected in the Civil Department.	4,423	76	4,499	(4) Drainage and protective works ..	123	..	123
Total, Public Works and Civil Departments, Revenue .. ..	12,65,937	54,494	13,20,431	(5) Special tools and plant— Add—Unclassifiable outlay ..	..	..	..
Total, Receipts ..	12,65,937	54,494	13,20,431	Total ..	6,38,820	9,358	6,48,178
				Total, Extensions and Improvements and Maintenance and Repairs ..	7,17,116	10,271	7,27,387
				<b>IV. ESTABLISHMENT .. ..</b>	1,72,591	2,855	1,75,446
				<b>V. TOOLS AND PLANT .. ..</b>	4,543	240	4,783
				<b>VI. REFUNDS OF REVENUE .. ..</b>	30	..	30
				Deduct—Revenue of expenditure ..	..	16	16
				Total, Direct charges ..	8,94,280	13,350	9,07,630
				Share of collection charges in the Civil Department .. ..	63,402	2,688	66,090
				Indirect charges .. ..	28,415	503	28,918
				Total, Direct and Indirect charges ..	9,86,097	16,541	10,02,638
				Deduct—(a) Old maintenance charges saved to Government ..	7,167	158	7,325
				Net Total ..	9,78,930	16,383	9,95,313
				Balance, Net revenue ..	2,87,007	38,111	3,25,118
				Grand Total ..	12,65,937	54,494	13,20,431

	RS.
(a) Extensions and improvements .. ..	59
Maintenance and repairs .. ..	58
Establishment .. ..	32
Tools and plant .. ..	3
Total, Direct charges ..	152
Indirect charges .. ..	6
Grand Total ..	158

## No. 4.—Interest Account for and to end of 1922-1923.

	Amount.		Amount.
	RS.		RS.
Total interest charges to end of 1921-1922 ..	8,59,906	Net revenue realized to end of 1921-1922 ..	2,37,007
Total interest charges for the year 1922-1923 ..	22,084	Net revenue realized during 1922-1923 ..	38,111
Total ..	8,81,990	Balance, net interest charges ..	5,56,872
		Total ..	8,81,990

## No. 5.—Account of Indirect Charges for and to end of 1922-1923.

Particulars.	Previous.	1922-1923.	Total.
<b>CAPITAL—</b>	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
<b>REVENUE—</b>			
Capitalization of abatement of land revenue .. ..	1,043	..	1,043
Leave and pension allowances .. ..	27,273	400	27,673
Audit and accounts .. ..	99	103	202
Total ..	28,415	503	28,918
Grand Total ..	77,162	503	77,665

## ADMINISTRATIVE ACCOUNTS FOR THE YEAR 1922-23.

## MADRAS PRESIDENCY.

## PELANDORAI 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.		
<i>Direct Charges.</i>	RS.	RS.	RS.				RS.	
Works .. ..	3,32,345	1,88,292	5,20,637	..	..	..	5,20,637	
Establishment .. ..	78,999	43,368	1,17,367	..	..	..	1,17,367	
Tools and plant .. ..	4,488	1,626	6,064	..	..	..	6,064	
Suspense account .. ..	..	..	..	..	..	..	..	
Total ..	4,10,782	2,33,286	6,44,068	..	..	..	6,44,068	
Less—Receipts on Capital Account.	798	..	798	..	..	..	798	
Net Total ..	4,09,984	2,33,286	6,43,270	..	..	..	6,43,270	
<i>Indirect Charges.</i>								
Capitalized abatement of land revenue.	27,489	418	27,907	..	..	..	27,907	
Leave and pension allowances.	14,760	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	..	..	..	6,92,017	

## PANJAMPATTI RESERVOIR—Tank Project.

## No. 2.—Capital Account for and to end of 1922-1923.

Heads of account.	DIRECT CHARGES.			Cost of construction as now estimated.	Expenditure against closed estimate.
	Previous.	1922-1923.	Total.		
<b>I. WORKS—</b>	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 .. ..	67	11	78	5,310	..
L. Earthwork .. ..	1,46,924	..	1,46,924	1,65,664	..
O. Miscellaneous (Unforeseen works) ..	11,916	3	11,919	7,960	..
P. Maintenance .. ..	1,223	911	2,134	486	..
Total ..	2,45,449	925	2,46,374	2,52,954	..
(3) Distributaries—					
A. Preliminary Expenses .. ..	425	..	425	880	..
B. Land .. ..	2,517	..	2,517	..	..
C. Works .. ..	1,460	..	1,466	..	..
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 ..	2,27,174	925	2,28,099	2,64,839	..
II. ESTABLISHMENT .. ..	42,624	540	43,164	42,927	..
III. TOOLS AND PLANT .. ..	56,258	21	56,279	28,324	..
Grand Total ..	3,26,056	1,486	3,27,542	3,36,090	..
V. Less—RECEIPTS ON CAPITAL ACCOUNT.	651	36	687	..	..
(a) Net Total ..	3,25,405	1,450	3,26,855	3,36,090	..
Chargeable to 43. Provincial Irrigation ..	3,24,486	..	3,24,486	..	..
Do. to 55-A. Irrigation 2. Unproductive.	919	1,450	2,369	..	..
Total ..	3,25,405	1,450	3,26,855	..	..

## IRRIGATION BRANCH.

## PUBLIC WORKS DEPARTMENT.

PANJAMPATTI RESERVOIR—*Tank Project.*

## No. 3.—Revenue Account for and to end of 1922-23.

Receipts.	TOTAL.			Charges.	TOTAL.		
	Previous.	1922-23.	Total.		Previous.	1922-23.	Total.
<b>I. DIRECT RECEIPTS—</b>	RS.	RS.	RS.	<b>I. EXTENSIONS AND IMPROVEMENTS—</b>	RS.	RS.	RS.
5. Receipts from plantations .. ..	..	..	..	(1) Head works .. ..	..	..	..
6. Receipts from other canal produce ..	..	..	..	(2) Main canals and branches ..	..	..	..
11. Miscellaneous ..	..	..	..	(3) Distributaries .. ..	..	..	..
Total, Revenue realized in Public Works Department .. ..	..	..	..	(4) Drainage and protective works ..	..	..	..
Irrigation revenue realized in Civil Department ..	2,600	2,333	4,933	(5) Special tools and plant ..	..	..	..
Total, Direct Receipts ..	2,600	2,333	4,933	Total ..	..	..	..
<b>II. INDIRECT RECEIPTS—</b>				<b>II. MAINTENANCE AND REPAIRS—</b>			
Share of land revenue collected in the Civil Department .. ..	..	381	381	(1) Head works .. ..	..	..	..
Total, Public Works and Civil Department, Revenue .. ..	2,600	2,714	5,314	(2) Main canals and branches ..	..	..	..
				(3) Distributaries .. ..	..	..	..
				(4) Drainage and protective works ..	..	..	..
				(5) Special tools and plant ..	..	..	..
				<i>Add</i> —Unclassifiable outlay ..	..	..	..
				Total ..	..	..	..
				Total, Extensions and Improvements and Maintenance and Repairs ..	..	..	..
				<b>IV. ESTABLISHMENT</b> .. ..	..	..	..
				<b>V. TOOLS AND PLANT</b> .. ..	..	..	..
				<b>VI. REFUNDS OF REVENUE</b> .. ..	..	..	..
				Total, Direct Charges ..	..	..	..
				Share of collection charges in the Civil Department .. ..	130	116	246
				Indirect charges .. ..	..	..	..
				Total, Direct and Indirect Charges ..	130	116	246
				Balance, net revenue ..	2,470	2,598	5,068
Total, Receipts ..	2,600	2,714	5,314	Grand Total ..	2,600	2,714	5,314

PANJAMPATTI RESERVOIR—*Tank Project.*

## No. 4.—Interest Account for and to end of 1922-23.

	Amount.		Amount.
	RS.		RS.
Total interest charges to end of 1921-1922 ..	75,669	Net revenue realized to end of 1921-1922 ..	2,470
Total interest charges for the year 1922-1923 ..	12,473	Net revenue realized during 1922-1923 ..	2,598
	..	Balance, net interest charges ..	83,074
Total ..	88,142	Total ..	88,142

## No. 5.—Accounts of Indirect Charges for and to end of 1922-1923.

Particulars.	Previous.	1922-1923.	Total.
<b>CAPITAL—</b>			
Capitalization of abatement of land revenue .. .. .	RS. 5,396	RS. ..	RS. 5,396
Leave and pension allowances .. .. .	5,967	76	6,043
Audit and accounts .. .. .	6	9	15
Total ..	11,369	85	11,454
Grand Total ..	11,369	85	11,454

## 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 .. .. .	..	..	..	2,28,099	2,64,839	36,740	2,28,099	228 I., 11th June 1917.	2,64,839
Establishment .. .. .	..	..	..	43,164	42,927	— 237	43,164		
Tools and plant .. .. .	..	..	..	56,279	28,324	— 27,955	56,279		
Suspense account .. .. .	..	..	..	..	..	..	..		
Total ..	..	..	..	3,27,542	3,36,090	8,548	3,27,542		
<i>Less—Receipts on Capital Account</i> .. .. .	..	..	..	687	..	— 687	687		
Net total ..	..	..	..	3,26,855	3,36,090	9,235	3,26,855		
<i>Indirect Charges.</i>								<i>Indirect Charges.</i>	
Capitalized abatement of land revenue .. .. .	..	..	..	5,396	62,500	57,104	5,396	228 I., 11th June 1917.	68,510
Leave and pension allowances .. .. .	..	..	..	6,043	6,010	— 33	6,043		
.. .. .	..	..	..	15	..	— 15	15		
Total ..	..	..	..	11,454	68,510	57,056	11,454		
Grand Total ..	..	..	..	3,38,309	4,04,600	66,291	3,38,309		



## ADMINISTRATIVE ACCOUNTS FOR THE YEAR 1922-1923. MADRAS PRESIDENCY.

## GANJAM-GOPALPUR CANAL—Canal Project.

## No. 5.—Account of Indirect Charges for and to end of 1922-1923.

Particulars.	Previous.	1922-1923.	Total.
	Rs.	Rs.	Rs.
<b>CAPITAL—</b>			
Capitalization of abatement of Land Revenue.	7,100	...	7,100
Leave and Pension Allowances ... ..	5,293	...	5,293
Audit and accounts ... ..	...	...	...
Total ...	12,393	...	12,393
<b>REVENUE—</b>			
Capitalization of abatement of Land Revenue.	303	...	303
Leave and Pension Allowances ... ..	186	27	213
Audit and accounts ... ..	3	3	6
Total ...	492	30	522
Grand Total ...	12,885	30	12,915

## 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.		
<i>Direct Charges.</i>	Rs.		Rs.				Rs.	
Works ... ..	1,02,675	...	1,02,675	...	...	...	1,02,675	
Establishment ... ..	37,799	...	37,799	...	...	...	37,799	
Tools and plant ... ..	2,733	...	2,733	...	...	...	2,733	
Total ...	1,43,207	...	1,43,207	...	...	...	1,43,207	
<i>Less—Receipts on Capital Account.</i>	107	...	107	...	...	...	107	
Net Total ...	1,43,100	...	1,43,100	...	...	...	1,43,100	
<i>Indirect Charges.</i>								
Capitalized abatement of land revenue ... ..	7,100	...	7,100	...	...	...	7,100	
Leave and pension allowances ... ..	5,293	...	5,293	...	...	...	5,293	
Total ...	12,393	...	12,393	...	...	...	12,393	
Grand Total ...	1,55,493	...	1,55,493	...	...	...	1,55,493	

BUCKINGHAM CANAL—*Canal Project.*

## No. 2.—Capital Account for and to end of 1922-1923.

Heads of account.	DIRECT CHARGES.			Cost of construction as now estimated (construction estimate closed in March 1897).	Expenditure against closed estimate
	Previous.	1922-1923.	Total.		
<b>I. WORKS—</b>	Rs.	Rs.	Rs.	Rs.	Rs.
(2) <i>Main Canals and Branches—</i>					
A. Preliminary expenses ...	10,642	...	10,642	10,642	10,642
B. Land ... ..	3,81,557	...	3,81,557	3,81,624	3,80,244
D. Regulators ... ..	1,230	...	1,230	1,230	1,230
E. Falls and weirs ... ..	3,182	...	3,182	3,182	3,182
F. River and hill torrent works.	11,020	...	11,020	11,020	11,020
F. (1) Other cross drainage works ... ..	87,717	...	87,717	87,717	87,717
G. Bridges ... ..	2,48,996	...	2,48,996	2,48,996	2,48,996
H. Escapes ... ..	22,022	...	22,022	28,622	28,622
I. Navigation works ... ..	12,74,994	...	12,74,994	12,74,994	12,74,994
K. Buildings ... ..	54,660	...	54,660	56,051	54,661
L. Earthwork ... ..	41,77,311	...	41,77,311	41,73,152	41,40,122
O. Miscellaneous ... ..	22,982	...	22,982	22,982	22,982
Total ...	62,96,313	...	62,96,313	63,00,212	62,64,412
(5) Special tools and plant ...	...	...	...	...	...
Provision for unforeseen works ...	...	...	...	...	...
Total outlay on current sanctions ...	62,96,313	...	62,96,313	63,00,212	62,64,412
Old outlay ... ..	5,04,091	...	5,04,091	5,04,091	5,04,091
Total, Works ...	68,00,404	...	68,00,404	68,04,303	67,68,503
II. ESTABLISHMENT ... ..	16,09,073	...	16,09,073	16,11,427	16,03,667
III. TOOLS AND PLANT ... ..	1,80,959	...	1,80,959	1,81,317	1,80,807
Grand Total ...	85,90,436	...	85,90,436	85,97,047	85,52,977
V. <i>Less—RECEIPTS ON CAPITAL ACCOUNT</i> ... ..	24,365	...	24,365	24,365	24,365
(a) Net Total ...	85,66,071	...	85,66,071	85,72,682	85,28,612
(a) Chargeable to 35. Protective Major Works ... ..	6,66,112	...	6,66,112	...	...
Chargeable to 43. Minor Works and Navigation—Provincial ...	78,97,097	...	78,97,097	...	...
Chargeable to 55-B. Navigation, etc.—2. Unproductive ...	2,862	...	2,862	...	...
Total ...	85,66,071	...	85,66,071	...	...

## BUCKINGHAM CANAL—Canal Project.

## No. 3.—Revenue Account for and to end of 1922-1923.

Receipts.	TOTAL.			Charges.	TOTAL.		
	Previous.	1922-1923.	Total.		Previous.	1922-1923.	Total.
<b>I. DIRECT RECEIPTS—</b>	RS.	RS.	RS.	<b>I.—EXTENSIONS AND IMPROVEMENTS—</b>	RS.	RS.	RS.
3. Sale of water ..	450	50	500	(1) Head works .. ..	..	..	..
5. Receipts from plantations ..	9,586	543	10,129	(2) Main canals and branches ..	1,11,936	6,698	1,18,034
6. Receipts from other canal produce ..	71,167	221	71,388	(3) Distributaries .. ..	352	..	352
8. Navigation receipts..	33,76,576	72,203	34,48,779	(4) Drainage and protective works ..	..	..	..
9. Rents of buildings ..	7,501	44	7,545	(5) Special tools and plant ..	..	..	..
10. Fines .. ..	1,369	..	1,369	Total ..	1,11,688	6,698	1,18,386
11. Miscellaneous ..	20,377	769	21,146	<b>II.—MAINTENANCE AND REPAIRS—</b>			
Deduct—Refunds ..	339	16	355	(1) Head works .. ..	..	..	..
Receipts for which classification is not obtainable ..	14,11,168	..	14,11,168	(2) Main canals and branches ..	43,00,147	1,85,493	44,85,640
Total revenue realized in the Public Works Department ..	48,97,855	73,814	49,71,669	(3) Distributaries .. ..	..	..	..
<b>Total, Direct receipts ..</b>	<b>48,97,855</b>	<b>73,814</b>	<b>49,71,669</b>	(4) Drainage and protective works ..	..	..	..
Total, Public Works and Civil Departments, Revenue ..	48,97,855	73,814	49,71,669	(5) Special tools and plant ..	3,125	..	3,125
				Add—Unclassifiable outlay .. ..	2,88,470	..	2,88,470
				Total ..	45,91,742	1,85,493	47,77,235
				Total, Extensions and Improvements and Maintenance and Repairs ..	47,03,430	1,92,191	48,95,621
				<b>IV. ESTABLISHMENT .. ..</b>	<b>13,37,715</b>	<b>63,012</b>	<b>14,00,727</b>
				<b>V. TOOLS AND PLANT .. ..</b>	<b>1,30,128</b>	<b>3,900</b>	<b>1,34,028</b>
				<b>VI. REFUNDS OF REVENUE .. ..</b>	<b>22,074</b>	<b>..</b>	<b>22,074</b>
				Deduct Recoveries of Expenditure ..	..	4	4
				Total, Direct Charges ..	61,93,347	2,59,099	64,52,446
				Share of collection charges in the Civil Department .. ..	..	..	..
				Indirect charges .. ..	1,88,992	10,744	1,99,736
				Total, Direct and Indirect Charges ..	63,82,339	2,69,843	66,52,182
				Balance, net revenue .. ..	-14,84,484	-1,96,029	-16,80,513
<b>Total, Receipts ..</b>	<b>48,97,855</b>	<b>73,814</b>	<b>49,71,669</b>	<b>Grand Total ..</b>	<b>48,97,855</b>	<b>73,814</b>	<b>49,71,669</b>

## No. 4.—Interest Account for and to end of 1922-1923.

	Amount.		Amount.
Total interest charges to end of 1921-1922 ..	RS. 1,33,50,922	Net revenue realized to end of 1921-1922 ..	RS. — 14,84,484
Total interest charges for the year 1922-1923 ..	2,85,872	Net revenue realized during 1922-1923 ..	— 1,96,029
Balance, net revenue .. ..	..	Balance, net interest charges .. ..	1,53,17,307
Total ..	1,36,36,794	Total ..	1,36,36,794

## IRRIGATION BRANCH.

## PUBLIC WORKS DEPARTMENT.

## BUCKINGHAM CANAL—Canal Project.

## No. 5.—Account of Indirect Charges for and to end of 1922–1923.

Particulars.	Previous.	1922–1923	Total.
<b>CAPITAL—</b>	Rs.	Rs.	Rs.
Capitalization of abatement of land revenue ... ..	2,62,365	...	2,62,365
Leave and pension allowances ... ..	2,26,866	...	2,26,866
Audit and accounts ... ..	24	...	24
<b>Total ...</b>	<b>4,89,255</b>	<b>...</b>	<b>4,89,255</b>
<b>REVENUE—</b>			
Capitalization of abatement of land revenue ... ..	363	...	363
Leave and pension allowances ... ..	1,86,665	8,822	1,95,487
Audit and accounts ... ..	1,964	1,922	3,886
<b>Total ...</b>	<b>1,88,992</b>	<b>10,744</b>	<b>1,99,736</b>
<b>Grand Total ...</b>	<b>6,78,247</b>	<b>10,744</b>	<b>6,88,991</b>

## 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 ... ..	66,72,338	96,165	67,68,503	31,901	35,800	3,899	68,00,404	74 I.,	
Establishment ... ..	15,85,806	17,861	16,03,667	5,406	7,760	2,354	16,09,073	21st Feb.	
Tools and plant ... ..	1,80,720	87	1,80,807	152	510	358	1,80,959	1917.	
Suspense account.	...	...	...	...	...	...	...	Mis. 84 I.,	
<b>Total ...</b>	<b>84,38,864</b>	<b>1,14,113</b>	<b>85,52,977</b>	<b>37,459</b>	<b>44,070</b>	<b>6,611</b>	<b>85,90,436</b>	28th Mar.	1,380
<i>Less—Receipts on Capital Account.</i>	4,502	19,863	24,365	...	...	...	24,365	Mis. 518 I.,	2,230
<b>Net Total ...</b>	<b>84,34,362</b>	<b>94,250</b>	<b>85,28,612</b>	<b>37,459</b>	<b>44,070</b>	<b>6,611</b>	<b>85,66,071</b>	15th Feb.	
<i>Indirect Charges.</i>								1917.	
Capitalized abatement of land revenue ... ..	2,62,365	...	2,62,365	...	...	...	2,62,365	Mis. 378 I.,	30,800
Leave and pension allowances ... ..	2,23,608	2,500	2,26,108	758	...	— 758	2,26,866	22nd Dec.	
Audit and accounts.	...	24	24	...	...	...	24	1919.	
<b>Total ...</b>	<b>4,85,973</b>	<b>2,524</b>	<b>4,88,497</b>	<b>758</b>	<b>...</b>	<b>— 758</b>	<b>4,89,255</b>	Mis. 306 I.,	
<b>Grand Total ...</b>	<b>89,20,335</b>	<b>96,774</b>	<b>90,17,109</b>	<b>38,217</b>	<b>44,070</b>	<b>5,853</b>	<b>90,55,326</b>	15th Oct.	
								1920.	
								Mis. 318 I.,	1,390
								20th Aug.	
								1921.	
								<b>Total ...</b>	<b>35,800</b>

## VEDARANNIYAM CANAL.—Canal Project.

## No. 2.—Capital Account for and to end of 1922-1923.

Heads of account.	DIRECT CHARGES.			Cost of construction as now estimated closed in 1893.	Expenditure against closed estimate.
	Previous.	1922-1923.	Total.		
<b>I. WORKS—</b>	RS.		RS.	RS.	RS.
(2) Main Canals and Branches—					
Unclassifiable outlay .. ..	1,07,885	..	1,07,885	1,07,885	1,07,885
Total .. ..	1,07,885	..	1,07,885	1,07,885	1,07,885
Total, Works .. ..	1,07,885	..	1,07,885	1,07,885	1,07,885
<b>II. ESTABLISHMENT</b> .. ..	24,814	..	24,814	24,814	24,814
(a) Grand Total .. ..	1,32,699	..	1,32,699	1,32,699	1,32,699

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

## No. 3.—Revenue Accounts for and to end of 1922-1923.

Receipts.	TOTAL.			Charges.	TOTAL.		
	Previous.	1922-1923.	Total.		Previous.	1922-1923.	Total.
<b>I. DIRECT RECEIPTS—</b>	RS.	RS.	RS.	<b>I. EXTENSIONS AND IMPROVEMENTS—</b>	RS.	RS.	RS.
5. Receipts from plantations .. ..	123	8	131	(1) Head works .. ..	..	..	..
6. Receipts from other canal produce ..	677	..	677	(2) Main canals and branches .. ..	3,516	..	3,516
8. Navigation receipts.	35,003	539	35,542	(3) Distributaries .. ..	..	354	364
10. Fines .. ..	145	..	145	(4) Drainage and protective works ..	638	..	638
11. Miscellaneous .. ..	14	..	14	(5) Special tools and plant .. ..	— 114	..	— 114
Total, Revenue realized in Public Works Department .. ..	35,962	547	36,509	Total .. ..	4,040	364	4,404
Total, Direct Receipts .. ..	35,962	547	36,509	<b>II. MAINTENANCE AND REPAIRS—</b>			
Total, Public Works and Civil Departments, Revenue .. ..	35,962	547	36,509	(1) Head works .. ..	..	..	..
				(2) Main canals and branches .. ..	1,84,881	7,608	1,92,489
				(3) Distributaries .. ..	..	..	..
				(4) Drainage and protective works ..	3,591	..	3,591
				(5) Special tools and plant .. ..	53	..	53
				Add—Unclassifiable outlay .. ..	..	..	..
				Total .. ..	1,88,525	7,608	1,96,133
				Total, Extensions and Improvements and Maintenance and Repairs ..	1,92,565	7,972	2,00,537
				<b>IV. ESTABLISHMENT</b> .. ..	50,607	2,216	52,823
				<b>V. TOOLS AND PLANT</b> .. ..	7,560	186	7,746
				<b>VI. REFUNDS OF REVENUE</b> .. ..	41	..	41
				Total, Direct Charges .. ..	2,50,773	10,374	2,61,147
				Share of collection charges in the Civil department .. ..	..	..	..
				Indirect charges .. ..	7,807	390	8,197
				Total, Direct and Indirect Charges ..	2,58,580	10,764	2,69,344
				Balance, net revenue .. ..	— 2,22,618	— 10,217	— 2,32,835
Total, Receipts .. ..	35,962	547	36,509	Grand Total .. ..	35,962	547	36,509

## No. 4.—Interest Account for and to end of 1922-1923.

	Amount.		Amount.
Total interest charges to end of 1921-1922 ..	RS. 2,78,161	Net revenue realized to end of 1921-1922 ..	— 2,22,618
Total interest charges for the year 1922-1923 ..	4,412	Net revenue realized during 1922-1923 ..	— 10,217
Balance, net revenue .. ..	..	Balance, net interest charges .. ..	5,15,403
Total .. ..	2,82,573	Total .. ..	2,82,573

## IRRIGATION BRANCH.

## PUBLIC WORKS DEPARTMENT.

## VEDARANNIYAM CANAL—Canal Project.

## No. 5.—Account of Indirect Charges for and to end of 1922–1923.

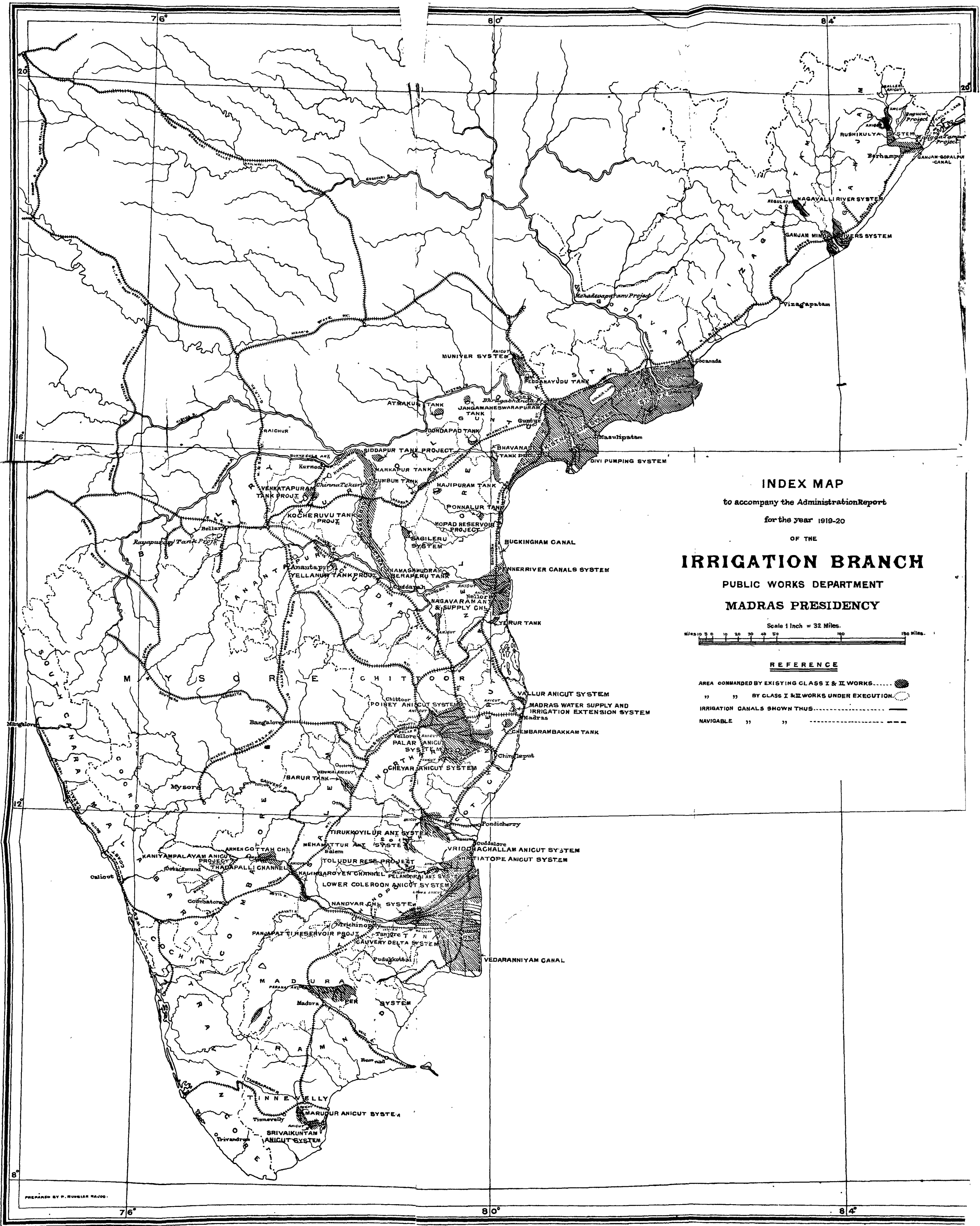
Particulars.	Previous.	1922–1923.	Total.
<b>CAPITAL—</b>	Rs.	Rs.	Rs.
Capitalization of abatement of land revenue ... ..	259	...	259
Leave and pension allowances ... ..	3,474	...	3,474
Audit and accounts ... ..	...	...	...
Total ...	3,733	...	3,733
<b>REVENUE—</b>			
Capitalization of abatement of land revenue ... ..	655	...	655
Leave and pension allowances ... ..	7,066	310	7,376
Audit and accounts ... ..	86	80	166
Total ...	7,807	390	8,197
<b>Grand Total ...</b>	<b>11,540</b>	<b>390</b>	<b>11,930</b>

## 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 ... ..	1,07,885	...	1,07,885	..	...	...	1,07,885		
Establishment ... ..	24,814	...	24,814	...	...	...	24,814		
Tools and plant ... ..	...	...	...	...	...	...	...		
Suspense account.	...	...	...	...	...	...	...		
Total ...	1,32,699	...	1,32,699	...	...	...	1,32,699		
<i>Less—Receipts on Capital Account.</i>	...	...	...	...	...	...	...		
Net Total ...	1,32,699	...	1,32,699	...	...	...	1,32,699		
<i>Indirect Charges.</i>									
Capitalized abatement of land revenue ... ..	...	259	259	...	...	...	259		
Leave and pension allowances ... ..	3,474	...	3,474	...	...	...	3,474		
Total ...	3,474	259	3,733	...	...	...	3,733		
<b>Grand Total ...</b>	<b>1,36,173</b>	<b>259</b>	<b>1,36,432</b>	...	...	...	<b>1,36,432</b>		

MADRAS,  
12th November 1923.

M. SUBRAHMANYAN,  
Deputy Accountant-General.



INDEX MAP  
to accompany the Administration Report  
for the year 1919-20

OF THE  
**IRRIGATION BRANCH**  
PUBLIC WORKS DEPARTMENT  
MADRAS PRESIDENCY

Scale 1 Inch = 32 Miles.  
Miles 0 10 20 30 40 50 100 150

- REFERENCE**
- AREA COMMANDED BY EXISTING CLASS I & II WORKS.....
  - " " BY CLASS I & II WORKS UNDER EXECUTION.....
  - IRRIGATION CANALS SHOWN THUS.....
  - NAVIGABLE " ".....

PREPARED BY P. RUSIAR NAUD.

NOTE—Reproduced from original received from the Chief Engineer for Irrigation Madras.

Vandyke, Survey Office, Madras, 1921.

Fig. No. 698  
Copies 250