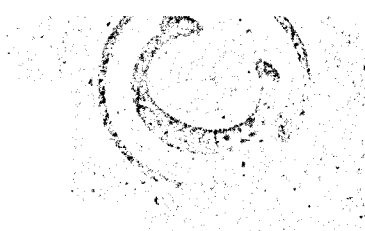


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Public works Department
Madras Presidency.

Administration Report
for the year 1917-1918

Part II IRRIGATION

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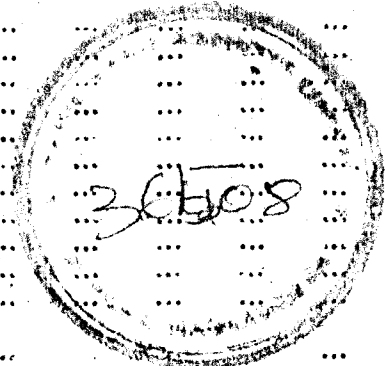
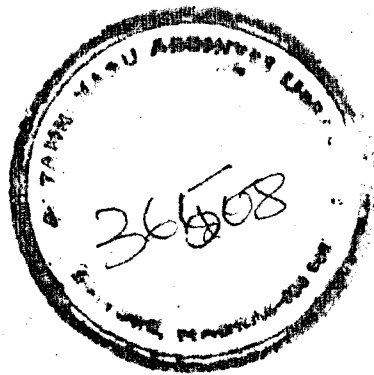
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 * செப்பவிடுவதற்காக எடுத்த
 * கொள்ளப்பட்ட க. அ. கி.
 * நினை மாதம் 1991 வரும்
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PUBLIC WORKS DEPARTMENT, MADRAS PRESIDENCY.

ADMINISTRATION REPORT

FOR THE YEAR 1917-1918.

PART II—IRRIGATION.

CHAPTER I—GENERAL.

The Hon'ble Col. W. M. Ellis, C.I.E., R.E., continued to hold the office of the **Personnel.** Chief Engineer for Irrigation up to the 14th October 1917, when he retired and was succeeded by the Hon'ble Mr. W. J. J. Howley. Mr. F. E. Morgan, Executive Engineer, continued as Assistant Chief Engineer for Irrigation throughout the year.

2. Irrigation works in this Presidency are divided into four classes:—

Class I.—Imperial—Major Productive and Protective works.

Class II.—Provincial—Minor works and Navigation for which Capital and **works.**

Revenue accounts are kept.

Class III.—Provincial—Minor works for which neither Capital nor Revenue accounts are kept.

Class IV.—Provincial—Agricultural works.

3. The total outlay incurred on, and the total revenue derived from, irrigation **Gross** works during 1917-18 were Rs. 78,99,191 and Rs. 2,75,26,363 against Rs. 71,61,302 **outlay,** and Rs. 2,63,27,903, respectively, in the previous year. The area charged as irriga- **revenue** ted was 7,358,829 acres against 7,279,619 acres in the previous year. **and area** **irrigated.**

4. (1) There are sixteen works of this class of which only one—the Toludur **Class I.** project—is under execution. The canals of the Gōdāvari and the Kistna delta **Productive** systems and the Kurnool-Cuddapah canal are used not only for irrigation but also **works.** for navigation. The rest are purely irrigation systems. **Number of** **works.**

Toludur project (South Arcot district).—The sanction of the Secretary of State **Work under** to the revised estimate for the project amounting to Rs. 32,90,900 (including direct **construction.** and indirect charges) was received in February 1918. The expenditure incurred during the year under review was Rs. 1,56,465 and to the end of the year rupees 11,41,199. The masonry of the regulator was completed and the bridge opened for traffic. The bridge over the main supply channel was also completed and seven out of the eight vents of the head sluice were fitted with shutters. The excavation of the main supply channel was completed with the exception of a portion near the head works. Taking into account the scarcity of labour, fair progress was made with the reservoir bund, the work on which was accelerated by the use of a drag-line excavator obtained in the previous year and by the employment of buffaloes for conveyance of earth. Land required for most of the distributaries was acquired. Frequent freshes in the river during the best part of the working season, scarcity of labour and epidemics hindered the progress of work on the regulator and the reservoir bund.

Labour continued to be difficult to procure locally and did not exceed a maximum of 1,000 a day. To attract labourers, advances were made up to a total limit of Rs. 2,500, and up to Rs. 7,500 for purchasing bulls, buffaloes and donkeys.

The principal work that remains to be done consists in the fitting up of the shutters and the provision of an additional apron for the regulator, and the completion of the main supply channel. The manufacture and fitting of the shutters has had to be postponed on account of the war and will be taken up as soon as it is practicable to do so. The other items are expected to be completed in 1918-19. The reservoir bund will probably not be completed till 1923, although the project is expected to come into operation in 1920-21.

Capital
outlay.

(2) The capital outlay (direct and indirect) on productive works during the year under review was Rs. 8,54,995 against Rs. 7,81,805, the average of the triennium ending 1916-17. The expenditure was incurred mainly on the Gōdāvari and the Kistna delta systems, the Kurnool-Cuddapah canal, the Toludur project and the Cauvery Delta system. Details of the work carried out are given in Chapter II. The Kurnool-Cuddapah canal and the Barur tank not having fulfilled the conditions of a productive work, the capital expenditure on these systems is met from Provincial funds. The capital outlay to the end of the year on these two systems from both Imperial and Provincial funds was Rs. 2,33,53,212, excluding indirect charges, as shown below:—

The Kurnool-Cuddapah canal—

	Imperial	Provincial	Total
Rs.	2,18,63,673	10,70,164	2,29,33,837

The Barur tank—

	Imperial	Provincial	Total
Rs.	4,02,176	17,199	4,19,375

Grand total ... 2,33,53,212

Length of
canals.

(3) The total length of main and branch canals of the productive systems at the end of the year under review was 3,891 miles. Of this length 1,023 miles were for irrigation and navigation combined and the remainder for irrigation only. The length of distributaries was 8,276 miles.

Area
irrigated.

(4) The total area charged as irrigated (first and second crop) was 3,525,831 acres, which is 55,566 acres more than in the previous year and 72,233 acres than the average of the previous triennium. The increase occurred chiefly under first crop in the Cauvery delta system and under second crop in the Gōdāvari and the Kistna delta systems.

	First crop.	Second crop.
ACS.	ACS.	
1917-18 ...	3,002,950	523,881
1916-17 ...	2,985,600	485,665
Average for the three years ending 1916-17.	2,991,982	462,566

Revenue.

(5) The gross revenue of the year, including that due to old irrigation, amounted to Rs. 1,60,66,679, against Rs. 1,55,87,521, the average of the previous triennium. As compared with the previous year, the increase was Rs. 6,40,463 which occurred chiefly under the Gōdāvari, the Kistna and the Cauvery delta systems.

Working
expenses.

(6) The gross working expenses of the year, inclusive of old maintenance charges, amounted to Rs. 34,11,769, which was Rs. 14,331 more than the average of the actuals of the previous three years. The working expenses showed an increase of Rs. 3,00,560 when compared with the previous year. The increase was mainly due to the diversion of the right flood bank of the Kistna river at Pratur and to the restoration of the anicut across the Pennar river at Adinimayapalli, which was breached in October 1916.

Financial
results.

(7) The net revenue derived and the profits realized after deducting interest charges amounted to Rs. 86,79,653 and Rs. 58,40,646, against Rs. 82,05,130 and Rs. 52,53,503, respectively, the averages of the previous triennium.

The profit of the year, after deducting interest charges, viz., Rs. 58,40,646 is Revenue and 6.70 per cent on the capital outlay of Rs. 8,72,37,856. The return would be working increased to 10.32 per cent if the Kurnool-Cuddapah canal and the Barur tank, which expenses per accounted for a total loss of Rs. 7,49,716, were excluded. The accumulated profits are. to the end of the year amounted to Rs. 16,76,10,403.

(8) The average revenue per acre amounted to Rs. 4.88 on the gross area and Rs. 5.29 on new irrigation. The working expenses per acre were Re. 0.97 on the gross area and Rs. 1.30 on new irrigation.

(9) The remissions granted during the year amounted to Rs. 1,92,580 against Remissions. Rs. 2,36,569 in the previous year.

(10) The estimated value of crops irrigated amounted to Rs. 21,94,62,585, Value of against Rs. 18,29,16,584 in the preceding year. crops.

5. (1) There are four protective works in the Presidency—

- The Rushikulya system in Ganjam.
- The Bhavanasi tank project in Guntūr.
- The Mopad reservoir project in Nellore.
- The Venkatapuram tank project in Kurnool.

Class I.
Protective
works.
Number of
works.

The Rushikulya system was in operation and the Venkatapuram tank project was completed during the year. The other two projects were still under construction.

Bhavanasi tank project (Guntūr district).—The reservoir bund was practically completed during the year. The excavation of the irrigation channel from 4/2 to 6/4 and the construction of all the masonry works excepting two small drops were completed. Unusual rains in January 1918 somewhat impeded the progress of works. The difficulty in procuring labour continued. The expenditure during the year was Rs. 45,030, and to the end of the year Rs. 2,32,227, against the estimate of Rs. 2,09,000. A revised estimate was under the consideration of the Chief Engineer for Irrigation. The project is expected to be completed and brought into operation in 1918-19.

Mopad reservoir project (Nellore district).—The project is estimated to cost Rs. 21.97 lakhs. Good progress was made with the reservoir bund, but a heavy flood in May 1917 breached the work in progress at the river-crossing and necessitated the postponement of the river closure to the following dry season. The closure was taken up again at the earliest opportunity in 1918 and though it received another setback, owing to a small breach caused by a flood in March 1918, the bund was raised to a sufficient height to bring the temporary escape into operation. The main channel was practically completed. A third branch channel was completed and the works on another started. To attract labour, sanction was accorded to the giving of advances up to a limit of Rs. 4,000 and a Government grain depot was opened. The expenditure during the year was Rs. 1,91,345 and to the end of the year Rs. 19,23,203. The project is expected to be completed and brought into operation in 1920.

(2) The outlay (direct and indirect) incurred during the year under this head Capital was Rs. 2,66,223 against Rs. 3,52,520, the average of the previous triennium. The outlay. bulk of the outlay was spent on the projects under construction.

(3) The lengths of canals and distributaries of the Rushikulya system were 80 miles and 151 miles, respectively. Lengths of canals.

(4) The area irrigated under this system was 106,866 acres against 107,111 Area acres, the average of the preceding three years. irrigated.

(5) The gross revenue including old irrigation revenue and the working expenses Revenue, were Rs. 2,60,421 and Rs. 66,106, against Rs. 2,36,591 and Rs. 80,183, respectively, working of the previous year. The net revenue under the head, after deducting interest expenses, charges, showed a deficit of Rs. 1,07,913, against Rs. 1,24,837 in the previous year. remissions The remissions granted amounted to Rs. 1,215 against Rs. 4,386 in the previous year. and value The value of the crops raised under this class of works is estimated at Rs. 45,69,312, against Rs. 44,88,674 in the previous year. of crops.

Class II.
Minor
Works and
Navigation
Number of
works.

6. (1) There are forty works of this class in the Presidency. The following five-works have not been commenced :—

	Amount of estimate (direct and indirect).
	Rs.
(i) Baguva project (Ganjām district)	7,93,695
(ii) Mahadevapuram project (Gōdāvari district)	1,06,400
(iii) Prughubhanda project (Guntūr district)	1,36,466
(iv) Chinna Tekur project (Kurnool district)	1,25,000
(v) Rayapuram tank project (Bellary district)	95,000

Items (i), (ii), (iv) and (v) have been sanctioned under '33. Famine relief' to be taken up only when the necessity for famine relief arises; while item (iii), although sanctioned under 'Provincial—43. Minor Works and Navigation,' is also proposed to be undertaken only under similar circumstances.

The construction estimates of the undermentioned seven works were open during the year under review :—

- (1) Yellanur tank project (Anantapur district).
- (2) Kocheruvu tank project (Kurnool district).
- (3) Siddapur tank project (Kurnool district).
- (4) Nagavaram anicut and supply channel (Cuddapah district).
- (5) Kaniyampalayam anicut project (Coimbatore district).
- (6) Panjapatti reservoir project (Trichinopoly district).
- (7) Muniyeru project (Guntūr district).

Items (1) to (3), were practically completed. Items (4) and (7) were completed; the completion report for the former, which was under the consideration of the Chief Engineer for Irrigation in the previous year was, after scrutiny, returned to the Superintending Engineer for revision; while that for item (7) was still in preparation. Items (5) and (6) were in progress. The construction estimates of the remaining twenty-eight works have been closed.

Works under construction. *Kaniyampalayam Anicut Project.*—Though untimely floods somewhat retarded the progress of work, yet fair progress was made during the year on the restoration of the anicut and the improvements to cross drainage works. The expenditure during the year was Rs. 20,138 and to the end of the year Rs. 49,250, against the estimate of Rs. 96,744. The project is expected to be completed in 1919-20.

Panjapatti Reservoir Project.—A second revised estimate for the project, amounting to Rs. 4,04,600, was sanctioned in June 1917. The expenditure during the year was Rs. 32,063 and to the end of the year Rs. 2,91,216. The stream-crossing was closed and the dam raised to 1½ feet above the F.T.L. Water was for the first time stored in the reservoir and about 40 acres of land were irrigated.

Navigation works. The following four works are intended solely for navigation purposes :—

- (1) Chilka lake canal.
- (2) Ganjām-Gopalpur canal.
- (3) Buckingham canal.
- (4) Vedaranniyam canal.

The question of transferring the Chilka lake canal to the Salt Department was still under consideration.

Capital outlay. (2) The capital outlay direct and indirect during the year was Rs. 1,61,240, against Rs. 2,54,796, the average of the actuals of the previous triennium. The bulk of the outlay was incurred on the Siddapur tank, the Kaniyampalayam anicut and the Panjapatti reservoir projects.

Length of canals. (3) The total length of main and branch canals of Class II works at the end of the year under review was 1,004 miles, of which 304½ miles were entirely for navigation purposes and the rest for irrigation. The length of distributaries was 488½ miles.

Area irrigated. (4) The area irrigated by Class II works during 1917-18 was 370,496 acres, which is 10,950 acres more than the average of the previous triennium.

Revenue and working expenses. (5) The gross revenue, inclusive of old irrigation revenue, amounted to Rs. 15,17,368, against Rs. 14,14,605 in the previous year and Rs. 14,78,318, the average of the actuals of the three years ending 1916-17. The increase occurred mainly under the Cumbum tank and the Palar anicut system and was due

to the favourable character of the season. The gross working expenses of the year, inclusive of old maintenance charges, amounted to Rs. 4,43,077, against Rs. 3,88,646 in the previous year and Rs. 4,35,130, the average of the previous three years. The increase was due to the restoration of the tanks under the Palar anicut system damaged by the cyclone of 1916 and to increased expenditure on the Buckingham canal in order to maintain it in a more efficient state for traffic.

(6) The net revenue due to improvements during the year under review Financial amounted to Rs. 4,87,452 against Rs. 4,46,579, the average of the previous triennium. results. This represents a return of 2.41 per cent on the capital outlay of Rs. 2,02,53,756 to the end of the year.

(7) The average revenue per acre irrigated by works of this class (excluding Revenue and purely navigation works) amounted to Rs. 3.88 on the gross area and Rs. 5.24 working on new irrigation. The working expenses came to Rs. 0.79 per acre on the gross expenses per acre and Rs. 1.59 on new irrigation.

(3) The remissions granted during the year amounted to Rs. 6,141, against Remissions. Rs. 8,102, the average of the previous triennium. The bulk of the remissions was granted under the Ganjām minor rivers system and the Palar anicut system.

(9) The estimated value of the crops irrigated by this class of works Value of amounted to Rs. 2,25,63,733 against Rs. 1,82,18,072 in the previous year. crops.

7. (1) Navigation was carried on as usual on the Chilka lake canal, the Duma- Navigation gudem, Gōdāvari, Kistna, Kurnool-Cuddapah, Buckingham, West Coast and Veda- canals. ranniyam canals. Excluding the Chilka lake canal and the West Coast canals, for Receipts. which figures are not available, the total receipts amounted to Rs. 2,69,359, and were Rs. 21,881 more than in the preceding year; the increase occurred chiefly under the Kistna and the Buckingham canals and was due to larger traffic and to more revenue being realized on wharfage fees owing to the restriction of railway traffic on account of the war conditions.

(2) Compared with the figures of the previous year, there was an increase Traffic. under 'number of passengers,' 'ton-mileage' and 'value of goods', which was due to the restriction of railway traffic.

8. The outlay incurred on, the area irrigated under, and the revenue derived Class III— from, this class of works are compared below with the averages of the previous Minor Works for years :—

	Outlay incurred.	Area irrigated.	Gross revenue.
	Rs.	Acres.	Rs.
During 1917-18	28,51,552	3,354,636	95,76,747
" 1916-17	24,35,469	3,347,047	91,57,003
Average of the three years ending 1916-17	25,12,800	3,357,978	93,77,005

for which neither Capital nor Revenue Accounts are kept.

The increase in area and revenue as compared with the previous year was due to the favourable character of the season.

9. The area in the Presidency to be investigated under the Tank Restoration Tank Scheme is calculated to be about 103,750 square miles. Restoration Scheme

The area of minor basins entered upon at the beginning of the year was 83,157 square miles, of which 77,558 square miles had been investigated. 455 square miles were newly entered upon during the year. The area investigated was increased to 78,015 square miles and the remaining 5,597 square miles were under investigation.

In the area completely investigated, works were executed for 69,536 square miles and in progress for 4,369 square miles; for the balance of 4,110 square miles works were not commenced.

Thus about 75.19 per cent of the total area of 103,750 square miles affected by the scheme had been investigated up to the 31st March 1918, leaving at that date a balance of 25,735 square miles. The estimates sanctioned for Tank Restoration Scheme works during the year amounted to Rs. 3,08,624 against Rs. 2,98,555 in the previous year.

The total amount of estimates sanctioned from the beginning of the Tank Restoration Scheme operations up to the end of the year was Rs. 1,40,74,920, against which the total expenditure incurred was Rs. 1,21,40,253, excluding charges for establishment and tools and plant. The expenditure during the year amounted to Rs. 3,40,086.

**Class IV—
Agricultural
Works.**

10. The outlay on and the revenue derived from these works are compared below with the averages of the previous triennium:—

	Outlay incurred. RS.	Revenue derived. RS.
During 1917-18	6,69,695	1,05,148
During 1916-17	6,55,973	93,488
Average of the three years ending 1916-17	7,29,804	75,072

Floods in the Gōdāvari, occurred at frequent intervals and lasted longer than usual and caused damage to certain river 'sets', chiefly at Maskapalli and at Ravulapalem. The whole margin at these two sets slipped into the river and breaches in the flood banks were apprehended, but were prevented by the timely action taken. In the Kistna, serious erosion commenced during the flood season at the Madhura-puram set and the margin for a width of about 60 feet was carried away in a short time. Protective works were carried out and the erosion was successfully stopped. The conservancy operations carried on in the Cauvery, Coleroon and Tambraparni rivers were generally satisfactory.

Projects.

11. (1) The sanction of the Secretary of State to the estimate for the Cauvery reservoir project is awaited. The revision of the plans and estimates for the Kistna reservoir project was still in abeyance, pending a decision as regards the Cauvery reservoir project. The Vengalapuram project in the Nellore district, the Velgode project in the Kurnool district and improvements to the Kurnool-Cuddapah canal were still under consideration. The Uttaramerur tank project in the Chingleput district was abandoned.

**Small
projects.**

(2) In the Ganjam district, plans and estimates for improvements to the Girisola channel and the Korathala Tampara were under preparation. Investigation in connexion with improvements to the Jayamangalam channel was still in progress. The revenue aspect of the Vamsadhara project was under examination by the local officers. In the Gōdāvari district, the estimates for the extension of irrigation to the Coringa and Polavaram islands were revised by the Superintending Engineer. In the Guntur district detailed investigation connected with the Pratur pumping scheme was completed and plans and estimates were under preparation. Plans and estimates for resluicing the Amaravati channels in the Coimbatore district were under consideration. The report of the Board of Revenue on the revenue forecast of the Amaravati project was under the consideration of Government. In connexion with the Meengarai and the Malapuzha projects in the Malabar district, gauge readings were taken to ascertain the quantity of water available. The estimate prepared for works designed to render the Nilambar river suitable for the transport of forest produce was under consideration. The proposal connected with a supply channel from the Neenjal madugu to the Kolathur tank was still under the consideration of the Local Government. Further information called for on the Thambipettai odai and the Uppalavadi projects in the South Arcot district was collected by the local officers. In connexion with the Chidambaram drainage scheme, detailed plans and estimates for improvements to the Veeranam tank were submitted to the Chief Engineer for Irrigation. The plans and estimates for works necessary to prevent damage by floods caused by the spill of the Vellar above the Shatiatope regulator were under consideration. Detailed plans and estimates for improvements to the Vadavar were also under preparation. In the Trichinopoly district an estimate amounting to Rs. 1,85,000 for improvements to the Ponneri channel was sanctioned. The Ladapuram project was abandoned.

The question of improvements to drains in the Gōdāvari, Kistna and Cauvery deltas continued to engage the attention of Government. Programmes of drainage works in the Gōdāvari delta and the Kistna Western delta were approved, while that for the Kistna Eastern delta was under consideration. In the Gōdāvari delta, improvements to the Ainapur, Neelacodu and Bondada drains and to the drains connected with the Kovvur-Manjair Junction Canal were sanctioned. The estimates

for improvements to the Panchanadi, Kowsika and Vasalatippa drains were under the consideration of the Chief Engineer for Irrigation. In the Kistna delta, improvements to the drainage of the Murukondapad block were sanctioned, while those for the Repalli main drain were under preparation. In the Cauvery delta, estimates were sanctioned for improvements to Lawford's straight cut and to the Sittanai-perumal drain.

12. Both the south-west and north-east monsoons were on the whole favourable to agricultural operations and led to an increase in cultivation in many of the districts, but excess rainfall in both monsoons affected the outturn of crops in some districts. The average rainfall for the Presidency was 42.09 inches against 42.96 inches in 1916-17 and 37.41 inches, the average for the five years ending 1916-17.

13. During the year the highest flood in the Gōdāvari was 11.6 feet on the crest of the Dowlaishweram anicut on the 10th September 1917, against the recorded maximum of 17.0 feet in 1891 above the then crest level (the present crest is 0.75 feet higher). In the Kistna, the maximum flood was 12.5 feet on the crest of the Bezvada anicut on the 4th September 1917, against the highest recorded flood of 23.50 feet in October 1903. In the Tungabhadra the highest reading was 5.70 feet on the crest of the Sunkasela anicut on the 23rd October 1917, the previous recorded maximum being 9 feet on the 17th October 1889. The maximum depth over the Adinimayapalli anicut across the Penner was 6 feet on 22nd October 1917, the highest recorded being 13.86 feet on the 26th October 1874. The Cauvery rose to 9.20 feet on the Cauvery Dam north gauge on the 27th September 1917, against the recorded maximum of 14.87 feet in July 1911.

14. There were no serious breaches or accidents during the year. The heavy floods of May 1917 in the Vasishtanadi river in the Salem district caused a set-back to the repair works in progress to some of the anicuts across the river. The floods in the Manneru river during October 1917 caused some damage to the flood banks and the leading channel of the Manneru lock on the Buckingham canal.

15. The ayacut maps of the Gōdāvari delta were printed and those for the Kistna delta were still under revision by the special staff appointed for the purpose. The ayacut maps of the Kurnool-Cuddapah canal were mostly completed. Block maps of the Cauvery delta were completed and printed.

CHAPTER II—CLASS I. MAJOR PRODUCTIVE AND PROTECTIVE WORKS.

PRODUCTIVE WORKS.

No. 1 Nagavalli River System.

The expenditure under the head during the year was Rs. 13,776, which was incurred chiefly on the following works:—

- (i) *Improvements to the Nagavalli head works* (estimate Rs. 17,800).—The outlay during the year was Rs. 6,142 and to the end of the year Rs. 8,997.
(ii) *Excavating field distributaries* (estimate Rs. 80,000).—The outlay during and to the end of the year was Rs. 4,443 and Rs. 26,208 respectively.

2. The expenditure under "Extensions and Improvements" was Rs. 1,941, against Rs. 1,381 in the previous year. The expenditure under "Maintenance and Repairs" was Rs. 15,633 against Rs. 13,577, the average of the previous triennium.

3. The area irrigated was as shown below:—

Crop.	Average of the triennium ending 1916-17.	During 1916-17.	During 1917-18.	Area irrigated.
First crop	ACS. 18,863	ACS. 19,334	ACS. 20,121	
Second crop	10,855	6,966	6,239	

4. The gross revenue excluding that due to old irrigation amounted to Rs. 52,313 and the working expenses to Rs. 23,698. The net revenue was therefore Rs. 28,615, which represents a return of 1.69 per cent on the capital outlay, against .76 per cent in the previous year.

* "Working expenses" include (1) Extensions and improvements, (2) Maintenance and repairs, (3) Establishment, (4) Tools and plant, (5) Refunds of revenue and (6) Indirect charges. But in this and the following chapters under the head "Working expenses" only items (1), (2) and (3) are referred to.

General.

5. The season was generally good and rainfall well distributed. The highest flood in the Nagavalli river during the year was 6.9 feet over the sill of the Thotapalli regulator, on the 2nd September 1917, the maximum recorded flood being 20.7 feet on the 24th September 1911.

No. 2 Godavari Delta System.

Capital outlay.

6. The expenditure (direct and indirect) amounted to Rs. 1,67,422. The following were the more important works in progress during the year :—

Eastern and Central Deltas.

Works in progress.

(1) *Excavating a new approach channel to the Bobberlanka lock (estimate Rupees 61,200).*—The outlay during the year was Rs. 22,090 and to the end of the year Rs. 52,443. The work was almost completed.

(2) *Restoring the Kovur-Manjair Junction Canal (estimate Rs. 42,670).*—The outlay during and to the end of the year was Rs. 11,974 and Rs. 26,330 respectively.

(3) *Improvements to the mouth of the Tuliabagha drain (estimate Rs. 31,709).*—The outlay during the year was Rs. 7,656 and to the end of the year Rs. 25,430.

(4) *Protecting with steel sheet piles the lower margin of the impervious apron below the Dowlaishwaram headsluice and constructing a retaining wall below the headsluice (estimate Rs. 28,148).*—The outlay to the end of the year was Rs. 28,765. The work was practically completed.

(5) *Constructing an outfall sluice at 45-2-615 of the Vasista left bank at Pedatippa (estimate Rs. 13,900).*—The outlay during the year was Rs. 3,110 and to the end of the year Rs. 10,049.

(6) *Raising the groyne at the left flank of the Bobberlanka undersluice (estimate Rs. 6,049).*—An outlay of Rs. 3,354 was incurred in collecting materials and on the excavation of foundations.

(7) *Remodelling the Tossipudi north side channel (estimate Rs. 57,702).*—The work was started during the year and the outlay was Rs. 2,664.

(8) *Excavating the Nedunur drain (estimate Rs. 4,800).*—The work was started during the year and the outlay was Rs. 3,741.

Western Delta.

(9) *Improvements to the Yenamadurru drain from the short cut to the Gostanadi infall (estimate Rs. 3,73,500).*—The outlay during the year was Rs. 46,869 and to the end of the year Rs. 3,52,694.

(10) *Remodelling the Chinchinada channel (estimate Rs. 51,330).*—The expenditure during and to the end of the year was Rs. 12,622 and Rs. 18,746 respectively.

(11) *Constructing a lock and regulator on the Kakaraparru canal (estimate Rs. 47,000).*—An outlay of Rs. 3,811 was incurred on the collection of materials.

(12) *Improvements to the Neelacodu and Bondadu drains (estimate Rs. 13,450).*—The work was started during the year and the outlay incurred was Rs. 1,758.

Working expenses.

7. (a) *Extensions and improvements.*—The expenditure amounted to Rs. 40,886 against Rs. 37,928 during 1916-17 and Rs. 62,795, the average of the triennium ending 1916-17. The high triennial average was due to the reconstruction of the Vizeswaram lock during 1914-15.

(b) *Maintenance and repairs.*—The outlay incurred under this head was Rs. 3,00,061 against Rs. 2,82,057 in 1916-17 and Rs. 3,03,486, the average of the previous triennium.

(c) *Tools and plant.*—The outlay amounted to Rs. 83,742 against Rs. 22,129 in 1916-17 and Rs. 41,532, the average of the previous triennium. The low expenditure in the previous year was due to the credit afforded by the transfer of five barges and one steamer to the Military Department.

Navigation.

8. The total receipts and maintenance charges amounted to Rs. 1,05,556 and Rs. 93,622 against Rs. 1,09,862 and Rs. 90,143 respectively in 1916-17. The ton-mileage and value of goods were 6,055,562 and Rs. 11,25,48,109 against 4,766,420 and Rs. 8,36,25,603 respectively of the previous year.

9. The area irrigated compares as shown below :—

Area irrigated.

Crop.	Average of the triennium ending 1916-17.	During 1916-17.	During 1917-18.
First crop	ACS 758,091	ACS 763,537	ACS 751,948
Second crop	229,787	244,087	273,800

The increase under second crop is due to the fact that a larger extent than usual was grown, owing to damage to first crop by submersion. The extent of sugarcane cultivation was 5,798 acres against 5,792 acres in the previous year.

10. The gross revenue after deducting old irrigation revenue amounted to Rs. 42,74,225, which is Rs. 1,56,973 more than the average of the triennium ending 1916-17. The working expenses after deducting old maintenance charges were Rs. 9,92,791 or Rs. 32,621 more than the average of the previous triennium. After paying the interest charges on the capital outlay, the net profit amounted to Rs. 28,27,511, against Rs. 27,73,498 in 1916-17 and Rs. 28,40,216 in 1915-16. The percentage of profit was 18.70 per cent against 18.55 per cent and 19.16 per cent in 1916-17 and 1915-16 respectively.

11. The supply during the first crop season was ample. Owing to heavy rains, some damage was done to crops. The supply during the second crop season was sufficient.

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

Canals.	Date of closure.	Date of re-opening.
Eastern Delta canals	1st May 1917.	1st June 1917.
Central Delta canals	15th April "	18th May "
Western Delta canals	1st May "	31st May "
Dumagudem canal	25th March "	10th June "

The verification of the existing ayacut under each canal and channel in the Western delta was under inquiry during the year.

No. 3 Kistna Delta System.

12. The expenditure under this head during the year was Rs. 1,26,586 against Rs. 46,254 in 1916-17 and Rs. 73,433 in 1915-16.

The following are the more important works carried out during the year :—

(1) *Providing steel lock-gates for the Sitanagaram head sluice.*—The work was completed at a cost of Rs. 14,764 against the estimate of Rs. 18,150.

(2) *Excavating the Lankalakalva Gunta drain.*—The outlay during the year was Rs. 2,088 and to the end of the year Rs. 5,511, against the estimate of Rs. 3,000.

(3) *Improvements to the Kollipara channel.*—The work was completed at a cost of Rs. 11,831 against the estimate of Rs. 13,000.

(4) *Constructing a supplemental aqueduct and undertunnel to carry the Vellatur channel over the Bhatiprole drain.*—The work was completed at a cost of Rs. 6,650 against the estimate of Rs. 7,400.

(5) *Excavating the Ponnupalli channel and the Nadimpalli drain.*—The work was started and the expenditure was Rs. 9,387, against the estimate of Rs. 13,000.

(6) *Improvements to the Bhatiprole drain from 12 miles to 16 miles 6 furlongs 44 feet.*—The work was started and the outlay was Rs. 15,517, against the estimate of Rs. 34,000.

(7) *Remodelling the Donepudi block.*—The work was put in hand under an estimate of Rs. 23,200, the outlay being Rs. 10,091.

(8) *Improvements to the drainage of the Murukondapad block.*—The work was started very late in the year and the outlay was Rs. 243, against the estimate of Rs. 11,800.

(9) *Raising and strengthening the right and left flood banks of the Kistna river.*—The outlay during the year was Rs. 48,205 and to the end of the year Rs. 50,205, against the estimate of Rs. 79,200.

Working expenses.

13. (a) *Extensions and improvements.*—The outlay was Rs. 55,481, against Rs. 11,986 in 1916-17 and Rs. 72,385, the average of the previous triennium. Heavy outlay was incurred in 1914-15 on the reconstruction of the Bezwada head-works and on the renewal of the Bezwada lock-gates.

(b) *Maintenance and repairs.*—The expenditure under this head was Rupees 2,41,851, against Rs. 2,47,582 in 1916-17 and Rs. 2,87,986 the average of the triennium ending 1916-17. Heavy outlay was incurred in 1914-15 in repairing flood damages.

(c) *Tools and plant.*—The outlay amounted to Rs. 30,570, against Rs. 26,208 in 1916-17 and Rs. 38,369, the average of the previous triennium.

Navigation.

14. The total receipts and maintenance charges amounted to Rs. 78,275 and Rs. 75,253, against Rs. 61,498 and Rs. 86,790 in the previous year. Under 'ton-mileage' and 'value of goods,' the figures were 5,323,773 and Rs. 5,74,89,712 against 805,758 and Rs. 1,09,50,702 respectively in the previous year. Canal traffic increased during the year owing to the restriction of goods traffic on the railways.

Area irrigated.

15. The area irrigated compares as shown below :—

Crop.	Average of the triennium ending 1916-17.	During 1916-17.	During 1917-18.
First crop	ACS. 721,260	ACS. 723,018	ACS. 723,378
Second crop	1,788	3,656	5,578

The increase under second crop is explained in paragraph 17 below. The extent of sugarcane cultivation was 25 acres against 19 acres in the previous year.

Financial results.

16. The gross revenue exclusive of that credited to old irrigation amounted to Rs. 37,11,499 and the working expenses to Rs. 8,20,238. The net revenue was Rs. 28,91,211, against Rs. 27,05,503, the average of the previous triennium. The profits after deducting interest charges amounted to Rs. 23,59,218, which represents a return of 14.35 per cent on the capital outlay against 14.02 per cent in 1916-17 and 13.52 per cent in 1915-16.

General.

17. The rainfall during the year was, on the whole, normal. The Budameru river breached the Ellore canal in the third mile on the 15th November 1917 and some damage was done to channels lower down, but cultivation was not affected, except in the neighbourhood of the Collair lake. In the Western delta the outturn of the crops was somewhat affected by heavy rain in November 1917. Water for second crop was supplied to the fields bordering on the Collair lake in view of the loss sustained by ryots on account of submersion of their crops by late floods. The harvest was reported to have been satisfactory.

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

Canals.	Date of closure.	Date of re-opening.
Eastern Delta canals. { Bandar and Ryves canals.	15th March 1918.	1st June 1918.
{ Ellore and Pulleru canals.	15th April "	
Western Delta canal	15th March "	1st " "

The report of the committee appointed in February 1917 to inquire into the causes of certain breaches in the right flood bank of the Kistna river was considered during the year. The recommendations of the committee were generally approved and effect was given to them.

The localization of irrigable wet lands in the Kistna Eastern delta was in progress during the year.

No. 4. Divi Pumping System.

18. The expenditure during the year amounted to Rs. 21,704, which was incurred chiefly on the following works :—

(1) *Improvements to the drainage channel of the Central basin.*—The outlay during the year was Rs. 4,504 and to the end of the year Rs. 16,375, against the estimate of Rs. 22,000.

Capital outlay. Works in progress.

(2) *Improvements to the drainage of the Uppukalva basin.*—The total outlay to the end of the year was Rs. 10,529, against the estimate of Rs. 19,500.

(3) *Improvements to the Sitapathi tank drainage basin.*—The outlay during the year was Rs. 1,773 and to the end of the year Rs. 3,791, against the estimate of Rs. 7,964.

19. (a) *Extensions and improvements.*—The expenditure under the head amounted to Rs. 2,054 against Rs. 3,301 in 1916-17 and Rs. 1,117 in 1915-16. Working expenses.

(b) *Maintenance and repairs.*—The outlay was Rs. 47,378, against Rs. 42,338 in the previous year and Rs. 38,949, the average of the triennium ending 1916-17.

(c) *Tools and plant.*—The expenditure was Rs. 2,875, as compared with Rs. 5,342 in 1916-17 and Rs. 4,147, the average of the previous three years.

20. The area irrigated was as shown below :—

Crop.	Average of the triennium ending 1916-17.	During 1916-17.	During 1917-18.	Area irrigated.
First crop	ACS. 26,785	ACS. 26,966	ACS. 32,139	
Second crop	5	10	..	

The increase is attributed to the improvement of the drainage and to the high prices ruling for paddy.

21. The gross revenue and working expenses amounted to Rs. 1,68,415 and Rs. 66,183 respectively, against Rs. 1,26,116 and Rs. 59,777 in the previous year. Financial results.

The net revenue was Rs. 1,02,232 which is 5.24 per cent on the capital outlay.

22. The rainfall of 56.45 inches for the year under review was above the average and was fairly well distributed during the irrigation season. On the 11th June there were slight freshes in the river and pumping was commenced on the 15th June and stopped on the 30th November 1917. Transplantation commenced on the 1st July, a little earlier than usual, and was completed by the 17th September. The irrigation season lasted for 163 days against 167 and 156 days respectively in 1916-17 and 1915-16. Pumping was necessary for 121 days against 116 days in 1916-17. Supply by direct flow from the river was obtained on six days and on 42 days no supply was required for the ayacut.

No. 5. Penner River Canals System.

23. The capital outlay (direct and indirect) amounted to Rs. 9,436, which was incurred chiefly on the following works :—

(1) *Improvements to the Thollaguntavagu drain.*—The work was completed at a cost of Rs. 5,370, against the estimate of Rs. 6,300.

(2) *Excavating field channels from the branch channel of the Uyyalakalva.*—The expenditure on the work to the end of the year was Rs. 6,874, against the estimate of Rs. 10,560.

(3) *Excavating a supply channel to the Mudivertipalem tank (estimate rupees 2,050).*—Land compensation charges to the extent of Rs. 859 were paid during the year.

24. Under 'Extensions and Improvements' and 'Maintenance and Repairs' the expenditure was Rs. 2,623 and Rs. 55,970 respectively, against Rs. 5,126 and Rs. 54,501, the averages of the previous triennium. Working expenses.

25. The area irrigated was as shown below :—

Crop.	Average of the triennium ending 1916-17.	During 1916-17.	During 1917-18.	Area irrigated.
First crop	ACS. 173,035	ACS. 153,407	ACS. 152,854	
Second crop	26,468	36,260	40,546	

The increase under second crop was due to the favourable character of the season. The extent of indigo cultivation was 7,866 acres, against 14,278 acres in the previous year.

Capital outlay. Works in progress.

Financial results.

26. The gross revenue after deducting the old irrigation revenue amounted to Rs. 6,28,127, against Rs. 5,89,637 in 1916-17 and Rs. 5,89,202, the average of the previous triennium. The revenue, after deducting working expenses amounting to Rs. 1,05,384, came to Rs. 5,22,743, as compared with Rs. 4,86,060, the average of the previous three years. The profit after deducting interest charges was rupees 3,24,870, which represents a return of 4.34 per cent on the capital outlay, against 4.38 per cent in 1916-17 and 4.47 per cent in 1915-16.

No. 6. Kurnool-Cuddapah Canal.**Capital outlay.**

27. The canal as a whole not having fulfilled the conditions of a productive public work, the current capital outlay thereon is met from Provincial funds, as in the case of minor works for which capital and revenue accounts are kept.

The Ukkayyapalli project, a subsidiary work under the canal, sanctioned as a productive public work, was completed during the year at a cost of Rs. 78,103, against the estimate of Rs. 80,000 for "works." The Chopad project, another subsidiary work, having failed to fulfill the conditions of a productive public work, the current capital outlay thereon is met from Provincial funds.

Working expenses.

The expenditure during the year was Rs. 67,371, inclusive of indirect charges.

28. (a) *Extensions and improvements* and (b) *Maintenance and repairs*.—The outlay under these heads together amounted to Rs. 1,50,409 against Rs. 77,485 of the previous year and Rs. 86,932, the average of the triennium ending 1916-17. The increase was due to the expenditure incurred on repairing damage caused by floods to the canal and to the anicut across the Penner river at Adinimayapalli.

Navigation.

29. The navigation receipts and charges, the ton-mileage and value of goods carried on the canal are given in the statistical statement D-I.

Area irrigated.

30. The area irrigated compares as shown below :—

Crop.		Average of the triennium ending 1916-17.	During 1916-17.	During 1917-18.
First crop	.. .. .	ACS. 51,184	ACS. 52,145	ACS. 52,176
Second crop	.. .. .	9,757	12,745	12,046

Financial results.

31. The gross revenue and working expenses amounted to Rs. 2,69,979 and Rs. 2,23,557, against Rs. 2,07,407 and Rs. 1,33,207, respectively, the averages of the previous triennium. The net revenue for the year was Rs. 46,422 and this fell short of the interest paid during the year by Rs. 7,48,934, which is 3.26 per cent of the capital outlay, against 2.75 per cent in 1916-17 and 3.01 per cent in 1915-16.

No. 7. Barur Tank.**Capital outlay.**

32. The capital outlay on this work is being met from Provincial funds, as it has not fulfilled the conditions of a productive public work. No work under the head was carried out during the year under review.

Working expenses.

33. No outlay was incurred under 'Extensions and Improvements'. Under Maintenance and Repairs, the expenditure was Rs. 3,542, against Rs. 5,528, the average of the previous triennium.

Area irrigated.

34. The area irrigated compares as shown below :—

Crop		Average of the triennium ending 1916-17.	During 1916-17.	During 1917-18.
First crop	.. .. .	ACS. 3,712	ACS. 3,753	ACS. 3,754
Second crop	.. .. .	2,907	1,899	1,584

Financial results.

35. The gross revenue exclusive of that from old sources amounted to rupees 20,570 and the net revenue after deducting the working expenses to Rs. 13,783, against Rs. 8,916 in the previous year and Rs. 9,475, the average of the previous

triennium. The net revenue for the year was short of the interest paid by Rs. 782 which is .17 per cent on the capital outlay, against 1.11 per cent in 1916-17 and .86 per cent in 1915-16.

36. There were sufficient floods in the Ponnar river to fill the tank. The General. highest flood of the year was 2.68 feet over the crest of the Nedungal anicut, against the maximum recorded flood of 11.78 feet in 1903. The rainfall during the year was 34.20 inches.

No. 8 Poiney Anicut System.

37. The expenditure under the head amounted to Rs. 1,250, which was incurred Capital outlay. on the following works :—

(1) *Fitting up the Poiney eastern channel head sluice with lift shutters* (estimate Rs. 15,400).—A small sum of Rs. 22 was spent during the year. The execution of Progress. the work was deferred till the conclusion of the war owing to the difficulty of obtaining the materials required.

(2) *Improvements to the Nellikuppam jungle stream and the southern channel of the Poiney anicut system*.—The work was put in hand during the year under an estimate of Rs. 8,460 and an outlay of Rs. 985 was incurred.

38. The outlay was Rs. 2,921 under 'Extensions and Improvements' and Working Rs. 10,312 under 'Maintenance and Repairs,' against Rs. 1,803 and Rs. 8,510, expenses, respectively, the averages of the previous triennium.

39. The area irrigated was as shown below :—

Crop.		Average of the triennium ending 1916-17.	During 1916-17.	During 1917-18.	Area irrigated.
First crop	.. .. .	ACS. 23,978	ACS. 24,406	ACS. 23,657	
Second crop	.. .. .	7,986	8,104	7,994	

40. The gross revenue and working expenses amounted to Rs. 78,267 and Financial Rs. 21,345, respectively, against Rs. 85,220 and Rs. 18,574, the averages of the results. previous triennium. The net revenue of the year was Rs. 56,922. The profit after paying interest charges was Rs. 48,640, which is 19.81 per cent on the capital outlay, against 21.88 per cent in 1916-17 and 27.23 per cent in 1915-16.

41. The highest flood occurred on the 28th September 1917, when 0.40 foot of General. water passed over the crest of the anicut, against the recorded maximum of 7.71 feet on the 1st November 1888. The rainfall during the year was on the whole favourable for irrigated crops.

No. 9 Cheyyar Anicut System.

42. No expenditure was incurred under this head.

Capital outlay.

43. The expenditure under 'Extensions and Improvements' and 'Maintenance Working and Repairs' was Rs. 5,517 and Rs. 38,577, respectively, against Rs. 4,118 and expenses. Rs. 35,967 in 1916-17, and Rs. 2,294 and Rs. 22,411, the averages of the previous three years. The increase under 'Maintenance and Repairs' was due to the restoration of the tanks under the system, affected by the cyclone of November 1916.

44. The following table shows the area irrigated :—

Crop.		Average of the triennium ending 1916-17.	During 1916-17.	During 1917-18.	Area irrigated.
First crop	.. .. .	ACS. 21,787	ACS. 20,032	ACS. 20,870	
Second crop	.. .. .	14,473	12,611	11,480	

45. The gross revenue and working expenses amounted to Rs. 64,878 and Financial Rs. 58,298, respectively. The net revenue was Rs. 6,580, against Rs. 9,136 in the results. previous year. The net revenue for the year fell short of the interest paid during the year by Rs. 8,205, which is 1.88 per cent on the capital outlay, against 1.12 per cent in the previous year. The decrease was due to the heavy 'working expenses' already noticed above.

General.

46. The highest flood for the year occurred on the 18th August 1917, when 2·80 feet of water passed over the crest of the anicut, the maximum recorded being 12·9 feet on the 31st December 1903.

No. 10 Tirukkoyilur Anicut System.**Capital outlay.****Working expenses.**

47. There was no expenditure under this head.

48. There was a minus outlay of Rs. 423 under 'Extensions and Improvements', against the expenditure of Rs. 1,717 in the previous year. The outlay under 'Maintenance and Repairs' was Rs. 17,289 against Rs. 12,560, the average of the previous three years. The increase under 'Maintenance and Repairs' was due to repairing the damage caused by the cyclone of November 1916.

Area irrigated.

49. The area irrigated was as follows :—

Crop.	Average of the triennium ending 1916-17.	During 1916-17.	During 1917-18.
First crop	ACS. 26,343	ACS. 26,638	ACS. 26,871
Second crop	4,763	4,916	5,168

The extent of sugarcane cultivation was 411 acres, against 281 acres in the previous year.

Financial results.

50. The gross revenue and working expenses amounted to Rs. 58,666 and Rs. 21,668, respectively. The net revenue was thus Rs. 36,998, against Rs. 35,115, the average of the previous triennium. The profit after paying interest charges amounted to Rs. 24,260, which is 6·45 per cent on the capital outlay, against 6·67 per cent in 1916-17.

General.

51. The highest flood during the year was 5·20 feet over the crest of the anicut on the 26th July 1917, against the recorded maximum of 11·70 feet on the 31st December 1903. The season was favourable for irrigation.

No. 11. Shatiatope anicut system.**Capital outlay.****Working expenses.**

52. No expenditure was incurred under this head.

53. (a) *Extensions and Improvements.*—The expenditure under the head was Rs. 504, against Rs. 536 in the previous year and Rs. 716, the average of the triennium ending 1916-17.

(b) *Maintenance and Repairs.*—The outlay was Rs. 15,318, against Rs. 19,490 in the previous year and Rs. 25,734, the average of the previous triennium. Heavy outlay was incurred in 1914-15 in repairing damage caused by the abnormal floods of November 1913.

Area irrigated.

54. The area irrigated compares as shown below :—

Crop.	Average of the triennium ending 1916-17.	During 1916-17.	During 1917-18.
First crop	ACS. 31,662	ACS. 31,566	ACS. 31,439
Second crop	3,696	4,146	5,337

Financial results.

55. The gross revenue and working expenses amounted to Rs. 1,16,749 and Rs. 29,924, respectively. The net revenue thus amounted to Rs. 86,825, against Rs. 78,090 in 1916-17 and Rs. 67,737, the average of the previous triennium. The profit after deducting interest charges amounted to Rs. 55,039, which is 5·65 per cent on the capital outlay, against 4·93 per cent in 1916-17 and 4·79 per cent in 1915-16.

General.

56. The floods were much below normal. The highest flood level during the year was 8·70 feet over the anicut crest on the 15th September 1917, against the recorded maximum of 19·50 feet in 1880. There were timely rains and the rainfall was well distributed.

Capital outlay.**No. 12. Lower Coleroon Anicut System.**

57. No expenditure was incurred under this head.

58. (a) *Extensions and Improvements.*—The expenditure amounted to Rs. 4,514, against Rs. 9,737 in 1916-17 and Rs. 4,863, the average of the previous triennium. The large outlay in the previous year was due to the acquisition of land required for the diversion of the Coleroon right bank from 93/0 to 93/2.

(b) *Maintenance and Repairs.*—The outlay was Rs. 48,428, against Rs. 34,755 in 1916-17 and Rs. 61,902, the average of the previous triennium. The high triennial average was due to the heavy expenditure incurred in 1914-15 in repairing the damage caused by the heavy floods of November and December 1913.

59. The area irrigated is as shown below :—

Crop.	Average of the triennium ending 1916-17.	During 1916-17.	During 1917-18.	Area irrigated.
First crop	ACS. 109,077	ACS. 108,685	ACS. 110,178	
Second crop	3,786	4,931	5,014	

The extent of sugarcane cultivation was 320 acres.

60. The gross revenue and working expenses amounted to Rs. 3,07,610 and Rs. 89,743, respectively, against Rs. 2,99,563 and Rs. 1,05,284, the averages of the previous triennium. The net revenue for the year was Rs. 2,17,867. The profit after deducting interest charges was Rs. 1,52,936, representing a return of 7·87 per cent on the capital outlay, against 8·21 per cent in 1916-17.

61. The maximum flood level at the Lower Anicut was 10·6 feet on the 27th September 1917, against the recorded maximum of 17·10 feet in 1896. The season was on the whole favourable for irrigation.

No. 13. Toludur Project.

62. Details regarding this project are given in paragraph 4 of chapter I.

No. 14. Cauvery Delta System.

63. The capital outlay (direct and indirect) amounted to Rs. 63,239, which was incurred principally on the following works :—

(1) *Improvements to the Manniar between the six vents surplus on the Cauvery and four vents surplus sluice on the Coleroon.*—The work was completed at a cost of Rs. 13,723, against the estimate of Rs. 18,200.

(2) *Improvements to the Vellapalem Uppanar.*—The outlay during the year was Rs. 6,265 and to the end of the year Rs. 38,309, against the estimate of Rs. 53,000.

(3) *Constructing a syphon for the Vellapalem channel with a foot bridge combined across the proposed straight cut for the Uppanar.*—The work was completed at a cost of Rs. 11,148, against the estimate of Rs. 11,000.

(4) *Improvements to the Kannappamulai calingula across the Kadaliar.*—The work was completed at a cost of Rs. 6,017, against the estimate of Rs. 7,150.

(5) *Improvements to the tail end of the Vellapar.*—The outlay during the year was Rs. 7,939 and to the end of the year Rs. 10,376, against the estimate of Rs. 16,000.

(6) *Improvements to the Vali odai.*—The outlay to the end of the year was Rs. 5,458, against the estimate of Rs. 12,300.

(7) *Excavating a new side channel from above the Pandi regulator across the Marakkakorayar.*—The work was started during the year and the outlay incurred was Rs. 7,765, against the estimate of Rs. 12,500.

64. (a) *Extensions and Improvements.*—The outlay was Rs. 23,491, against Rs. 41,641 in the previous year and Rs. 35,926, the average of the past three years.

(b) *Maintenance and Repairs.*—The expenditure was Rs. 1,49,921, against Rs. 1,21,163 in 1916-17 and Rs. 1,48,737, the average of the previous triennium.

65. The following table shows the area irrigated :—

Crop.	Average of the triennium ending 1916-17.	During 1916-17.	During 1917-18.	Area irrigated.
First crop	ACS. 894,349	ACS. 887,139	ACS. 892,851	
Second crop	80,884	86,553	86,931	

The extent of sugarcane cultivation was 872 acres against 787 acres in the previous year.

Financial results. 66. The gross revenue, exclusive of that from old sources, was Rs. 10,00,208, against Rs. 9,37,012 in 1916-17 and Rs. 9,75,435, the average of the previous triennium. The working expenses amounted to Rs. 1,84,021, against Rs. 1,58,823 in the previous year and Rs. 1,96,206, the average of the past three years. The net revenue of the year was Rs. 8,16,187 against Rs. 7,79,229, the average of the previous triennium. The profit after deducting interest charges amounted to Rs. 6,71,463, which is 15.29 per cent on the capital outlay, against 14.85 per cent in 1916-17 and 15.75 per cent in 1915-16.

General. 67. No damage was caused by floods. Unusual rains in January and February 1918 affected the outturn of crops to some extent.

No. 15, Periyar System.

Capital outlay. 68. The expenditure under this head amounted to Rs. 3,341, which was incurred chiefly on the following works :—

Works in progress. (1) *Raising the platform, altering the gearing and roller arrangements and shifting the head of the Periyar regulator.*—The outlay to the end of the year was Rs. 64,045, against the estimate of Rs. 66,200. The work was almost completed.

(2) *Improvements to the emergency shutter of the Periyar headworks at Tekkadi.*—The work was completed at a cost of Rs. 5,299, against the estimate of Rs. 5,050.

Working expenses. 69. (a) *Extensions and improvements.*—The outlay was Rs. 4,491, against Rupees 6,708 in 1916-17 and Rs. 7,801, the average of the previous triennium.

(b) *Maintenance and repairs.*—The expenditure amounted to Rs. 93,351, against Rs. 94,606 in the previous year and Rs. 94,860, the average of the past three years. The amount included Rs. 42,965, the annual rent paid to the Travancore Darbar for the land occupied by the Periyar lake.

Area irrigated. 70. The area irrigated compares as shown below :—

Crop.	Average of the triennium ending 1916-17.	During 1916-17.	During 1917-18.
First crop	ACS. 128,257	ACS. 130,051	ACS. 128,745
Second crop	46,689	41,575	44,786

Financial results. 71. The gross revenue exclusive of that from old sources amounted to Rs. 6,13,327 and the working expenses to Rs. 1,48,882. The net revenue was Rs. 4,64,445, against Rs. 4,14,006 in 1916-17 and Rs. 4,40,633, the average of the previous triennium. The profit after deducting interest charges was Rs. 1,06,873, which is 1.00 per cent on the capital outlay against 0.70 per cent in 1916-17.

General. 72. The rainfall was below the average. The highest flood during the year in the Vaigai at Peranai was recorded on the 27th January 1918. The front reading at the regulator with nine shutters raised 10 feet was 8.5 feet above the sill and the rear reading was 7.5 feet.

The highest level in the Periyar was R. L. 152.02 on the 30th November 1917. The head sluice was opened for irrigation at lake level 130.15 feet on the 13th June 1917. Owing to the late commencement of irrigation under the first two reaches of the canal, the head sluice was not closed until the 28th March 1918.

No. 16, Srivaikuntam Anicut System.

Capital outlay. 73. The capital outlay (direct and indirect) amounted to Rs. 24,355 and was incurred mainly on 'Improvements to the Attur and Kiranur tanks and supply channel.' The outlay on the work to the end of the year was Rs. 37,687, against the estimate of Rs. 40,450.

Working expenses. 74. There was a minus outlay of Rs. 1,070 under "Extensions and Improvements," against the expenditure of Rs. 5,000 in the previous year. The outlay under "Maintenance and Repairs" was Rs. 32,406, against Rs. 56,215 in 1916-17.

and Rs. 61,110, the average of the previous triennium. Heavy expenditure was incurred in previous years in repairing the damage caused by the floods of December 1914.

75. The area irrigated is as shown below :—

Crop.	Average of the triennium ending 1916-17.	During 1916-17.	During 1917-18.	Area irrigated.
First crop	ACS. 24,759	ACS. 24,793	ACS. 25,259	
Second crop	12,742	17,097	18,323	

76. The gross revenue and working expenses amounted to Rs. 1,57,774 and Rs. 50,385 respectively, against Rs. 1,53,432 and Rs. 90,933, the averages of the previous triennium. The net revenue for the year was Rs. 1,07,389. The profit after deducting interest charges was Rs. 51,310, which is 2.96 per cent on the capital outlay, against 0.33 per cent in 1916-17.

General. 77. The rainfall was below the average. In the Tambraparni, the floods were below normal up to the 31st December 1917 and above normal in January 1918. The highest flood in the river for the year was recorded on the 27th January 1918, the depth on the Srivaikuntam anicut crest being 5.60 feet. The highest recorded depth was 12.50 feet on the 4th December 1914.

PROTECTIVE WORKS.

No. 17, Rushikulya System.

78. The capital expenditure during the year amounted to Rs. 8,514, and was incurred on the following works :—

(1) *Improvements to the apron in rear of the scouring sluice of the Goomsur anicut.*—The outlay to the end of the year was Rs. 2,801, against the estimate of Rs. 3,100.

(2) *Improvements to the Russellkonda reservoir surplus channel.*—The work was started and an outlay of Rs. 1,211 incurred, against the estimate of Rs. 7,130.

(3) *Improvements to the outfall nullah below the aqueduct at 1 mile 6 furlongs of the Mahanadi canal (estimate Rs. 9,000).*—The work was started during the year and the outlay was Rs. 1,211.

79. (a) *Extensions and improvements.*—The outlay was Rs. 4,738, against Rs. 4,091, the average of the previous three years.

(b) *Maintenance and repairs.*—The expenditure amounted to Rs. 41,123, against Rs. 52,121 in 1916-17 and Rs. 49,167, the average of the previous triennium.

80. The following table shows the area irrigated :—

Crop.	Average of the triennium ending 1916-17.	During 1916-17.	During 1917-18.	Area irrigated.
First crop	ACS. 101,379	ACS. 101,951	ACS. 105,112	
Second crop	2,733	2,692	1,754	

The extent of sugarcane cultivation was 1,033 acres.

81. The gross revenue and working expenses, excluding those relating to old sources, amounted to Rs. 1,93,421 and Rs. 59,071 respectively. The net revenue, viz., Rs. 1,34,350 fell short on the interest paid during the year by Rs. 28,126, equivalent to .55 per cent on the capital outlay, as compared with Rs. 57,612, or 1.13 per cent in the previous year.

82. The average rainfall over the system was 55.84 inches, against 60.04 inches in the previous year. The highest floods during the year were 9 feet over the 2 feet planks fitted on the crest of the Janamilli anicut in the Rushikulya river, 3.8 feet over the crest of the Goomsur anicut in the Mahanadi river, and 2 feet over the crest of the Gulleri anicut in the Gulleri river against the maximum recorded floods of 10 feet, 12.3 feet and 13.25 feet, respectively.

No. 18, Bhavanasi Tank Project.**No. 19, Mopad Reservoir Project.**

Projects under construction. 83. The details regarding the above two projects are given in paragraph 5 of Chapter I.

No. 20, Venkatapuram Tank Project.

Capital outlay. Area irrigated. 84. The project was practically completed. The expenditure during the year was Rs. 21,334 and to the end of the year Rs. 3,79,202, against the estimate of Rs. 3,46,600. During the year 192 acres of dry lands were irrigated under the project against 220 acres in the previous year.

CHAPTER III.—CLASS II. MINOR WORKS AND NAVIGATION FOR WHICH CAPITAL AND REVENUE ACCOUNTS ARE KEPT.

No. 21, Ganjam Minor Rivers System.

No expenditure was incurred under this head.

Capital outlay. Working expenses. 2. The outlay under 'Extensions and Improvements' and 'Maintenance and Repairs' amounted to Rs. 3,650 and Rs. 16,242 respectively, against Rs. 4,004 and Rs. 20,740 in the previous year.

Area irrigated. 3. The area irrigated was 62,703 acres first crop and 12,232 acres second crop, against 64,740 acres and 7,615 acres in the previous year. The extent of sugarcane cultivation was 496 acres.

Financial results. 4. The gross revenue exclusive of that from old sources amounted to Rupees 63,704 and the working expenses to Rs. 21,812. The net revenue thus amounted to Rs. 41,892, which is 15.61 per cent of the capital outlay, against Rs. 30,451 or 11.34 per cent in the previous year.

No. 22, Muniyeru Project.

5. There was no expenditure under this head.

Capital outlay. Working expenses. 6. The expenditure amounted to Rs. 503 under 'Extensions and Improvements' and Rs. 6,616 under 'Maintenance and Repairs', against Rs. 3 and Rs. 6,013 in the previous year.

Area irrigated. 7. The area irrigated was 6,261 acres first crop and 19 acres second crop, against 5,484 acres and 19 acres respectively in the previous year.

Financial results. 8. The gross revenue and working expenses amounted to Rs. 23,705 and Rs. 9,752 respectively, thus bringing the net revenue to Rs. 13,953, which is 2.33 per cent of the capital outlay, as compared with Rs. 12,514, or 2.00 per cent in the previous year.

No. 23, Peddanayudu Tank of Chinnaraopalem.

9. No expenditure was incurred under this head.

Capital outlay. Working expenses. 10. There was no expenditure under 'Extensions and Improvements'. Under 'Maintenance and Repairs' the outlay was Rs. 98, against Rs. 301 in the preceding year.

Area irrigated. 11. The area irrigated was 129 acres first crop, against 113 acres first crop and 10 acres second crop in the previous year.

Financial results. 12. The net revenue after deducting working expenses amounted to Rs. 386, which is .61 per cent of the capital outlay, against Rs. 37, or .06 per cent in the preceding year.

No. 24, Bhrugubhandā Project.

Project in abeyance. 13. This work has not been commenced, having been ordered to be taken up only when necessity for famine-relief arises.

No. 25, Jangamaheswarapuram Tank.

Capital outlay. 14. A small sum of Rs. 83 was spent under this head on 'Improvements to the Gurazala tank distributary channel.' The work was completed at a cost of Rs. 1,568, against the estimate of Rs. 1,590.

15. The expenditure under 'Maintenance and Repairs' was same as in the Working previous year, viz., Rs. 101. expenses.

16. The area irrigated was 785 acres first crop and 67 acres second crop against Area 620 acres and 106 acres in the preceding year. irrigated.

17. The net revenue after deducting working expenses amounted to Rs. 1,547, Financial which is 2.16 per cent on the capital outlay, against Rs. 2,289 or 3.2 per cent in the results. previous year.

No. 26, Atmakur Tank.

18. No expenditure was incurred under this head.

19. An expenditure of Rs. 101 was incurred under 'Maintenance and Repairs', Working against Rs. 523 in the previous year. The heavy expenditure in 1916-17 was due expenses. to certain urgent works carried out to the tank.

20. The area irrigated was 671 acres first crop and 1 acre second crop, Area against 656 acres and 258 acres respectively in 1916-17. The fall under second irrigated. crop was due to the failure of the early rains to fill the tank.

21. The net revenue after deducting working expenses amounted to Rs. 2,577, or Financial 2.09 per cent on the capital outlay, against Rs. 3,034 or 3.46 per cent in the previous results. year.

No. 27, Dondapad Tank.

22. There was no expenditure under this head.

23. A sum of Rs. 403 was spent under 'Maintenance and Repairs,' against Working Rs. 100 in the previous year. expenses.

24. The area irrigated was 403 acres first crop and 96 acres second crop, Area against 297 acres and 151 acres respectively in the previous year. irrigated.

25. The net revenue after deducting working expenses amounted to Rs. 1,393, Financial or .99 per cent, on the capital outlay, against Rs. 1,254 or .89 per cent, in the results. previous year.

No. 28, Hajipuram Tank.

26. No expenditure was incurred under these heads.

27. The area irrigated was 679 acres first crop and 487 acres second crop, against Area 496 acres and 40 acres respectively in the previous year. The irrigation under the irrigated. tank is gradually developing.

28. The net revenue amounted to Rs. 5,390, which is 1.73 per cent on the Financial capital outlay, against Rs. 2,989, or 0.96 per cent in the previous year. results.

No. 29, Ponnalur Tank.

29. The expenditure under the head amounted to Rs. 16,170, which was incurred Capital on improvements to the Ponnalur tank and supply channel and excavating distribu- outlay. taries from No. 2 channel of the tank.

30. A small sum of Rs. 28 was spent under 'Maintenance and Repairs.' Working expenses.

31. The area irrigated was 807 acres first crop and 376 acres second crop, against Area 691 acres and 131 acres respectively in the previous year. irrigated.

32. The net revenue amounted to Rs. 4,486 which is 2.16 per cent on the Financial capital outlay, against a deficit of Rs. 2,727 in the previous year. results.

No. 30, Anamasamudram-Beraperu Tank.

33. No expenditure was incurred under these heads.

34. The area irrigated was 999 acres first crop and 438 acres second crop, against Area 975 acres and 50 acres respectively in the preceding year. The increase under irrigated. second crop was due to the favourable character of the season.

Financial results.

35. The net revenue amounted to Rs. 2,251, which is 3.06 per cent on the capital outlay, against Rs. 304 or .41 per cent in the previous year.

No. 31, Yerur Tank.

Capital outlay. Working expenses.

36. No expenditure was incurred under these heads.

Area irrigated.

37. The area irrigated was 1,352 acres first crop and 1 acre, second crop against 1,336 acres and 2 acres respectively in the previous year.

Financial results.

38. The net revenue amounted to Rs. 3,000, which is 4.74 per cent on the capital outlay against Rs. 2,658 or 4.20 per cent in the previous year.

No. 32, Sagileru System.

Capital outlay. Working expenses.

39. No expenditure was incurred under this head.

Area irrigated.

40. The expenditure under the head amounted to Rs. 1,953 against Rs. 2,853 in the previous year.

Financial results.

41. The area irrigated was 4,357 acres first crop and 2,994 acres second crop, against 4,364 acres and 3,194 acres in the previous year.

42. The net revenue amounted to Rs. 7,185, which is 1.55 per cent on the capital outlay, against Rs. 5,558 or 1.20 per cent in the previous year.

No. 33, Nagavaram Anicut and Supply Channel.

Capital outlay. Working expenses.

43. There was no expenditure under these heads.

Area irrigated.

44. The area irrigated was 942 acres against 1,000 acres in the previous year.

No. 34, Kocheruvu Tank Project.

Capital outlay.

45. The expenditure during the year was Rs. 2,791 and to the end of the year Rs. 1,29,145 against the estimate of Rs. 1,31,500.

Area irrigated.

46. The area irrigated was 94 acres against 330 acres in the previous year.

No. 35, Siddapur Project.

Progress of work.

47. The reservoir bund was practically completed and the project was brought into operation during the year under report. Enough water was stored to irrigate 400 acres but only about 53 acres were brought under irrigation.

Area irrigated. Capital outlay.

The expenditure during the year was Rs. 62,049 and to the end of the year Rs. 8,62,845 against the estimate of Rs. 9,48,600. The bund is not quite completed in places and the excavation of distributaries is proceeding.

No. 36, Cumbum Tank.

Capital outlay.

48. There was no expenditure under this head during the year.

Working expenses.

49. The outlay under 'Extensions and Improvements' and 'Maintenance and Repairs' was Rs. 20 and Rs. 2,020, against Rs. 14 and Rs. 985 in the previous year.

Area irrigated.

50. The area irrigated was 5,581 acres first crop and 4,723 acres second crop against 5,466 acres and 4,360 acres in the previous year. The extent of sugarcane cultivation was 1,230 acres against 1,198 acres in the previous year.

Financial results.

51. The net revenue amounted to Rs. 21,275, which is 24.63 per cent on the capital outlay, against Rs. 5,732 or 6.64 per cent in the preceding year.

No. 37, Markapur Tank.

Capital outlay.

52. No expenditure was incurred under this head.

53. Rupees 3,053 was spent under 'Maintenance and Repairs' against Working Rs. 1,391 in the previous year. expenses.

54. The area irrigated was 1,126 acres first crop and 610 acres second crop Area against 953 acres and 486 acres in the previous year. irrigated.

55. The net revenue amounted to Rs. 1,672, which represents a return of 1.39 Financial per cent on the capital outlay, against Rs. 1,993 or 1.65 per cent in the preceding results. year.

No. 38 Yellanur Tank Project.

56. A revised estimate for the work amounting to Rs. 2,65,800 was sanctioned Capital in January 1918. The expenditure during the year was Rs. 3,411 and to the end of outlay. the year Rs. 2,54,052.

An extent of about 110 acres was irrigated under the project during the year. Area irrigated.

No. 39 Arkenkota Channel.

57. No work was carried out under this head.

Capital outlay.

58. The expenditure under 'Extensions and Improvements' and 'Maintenance and Repairs' amounted to Rs. 201 and Rs. 5,008, against Rs. 377 and Rs. 5,051 Working expenses. in the previous year.

59. The area irrigated was 4,694 acres first crop and 529 acres second crop Area against 4,667 acres and 435 acres in the preceding year. irrigated.

60. The net revenue due to improvements amounted to Rs. 13,903, which is Financial 9.63 per cent on the capital outlay, as compared with Rs. 11,949, or 8.27 per cent, results. in the preceding year.

No. 40 Thadapalli Channel.

61. There was no outlay under this head.

Capital outlay.

62. The expenditure amounted to Rs. 400 under 'Extensions and Improve- Working ments' and Rs. 10,023 under 'Maintenance and Repairs', against Rs. 801 and expenses. Rs. 10,099 in the preceding year.

63. The area irrigated was 14,811 acres first crop and 1,756 acres second crop, Area against 14,948 acres and 1,642 acres in the previous year. irrigated.

64. The net revenue due to improvements amounted to Rs. 50,011, which is Financial 28.45 per cent on the capital outlay, against Rs. 42,115 or 23.96 per cent in the results. previous year.

No. 41 Kalingarayan Channel.

65. No expenditure was incurred under this head.

Capital outlay.

66. The outlay under 'Extensions and Improvements' and 'Maintenance and Repairs' was Rs. 2,559 and Rs. 9,915, against Rs. 3,189 under 'Maintenance and Working Repairs' in the previous year. expenses.

67. The area irrigated was 11,966 acres first crop and 8,460 acres second crop, Area against 11,922 acres and 8,510 acres in the preceding year. irrigated.

68. The net revenue amounted to Rs. 35,433, which is 19.63 per cent on the Financial capital outlay, against Rs. 30,402 or 16.84 per cent in the previous year. results.

No. 42 Kaniyampalaiyam Anicut Project.

69. Details regarding this project are given in paragraph 6 of Chapter I.

Project under construction.

No. 43 Palar Anicut System.

70. The expenditure under this head amounted to Rs. 3,112, which was Capital incurred on the following works:—

(1) *Improvements to the Sivankodal tank.*—The work was completed at a cost of Rs. 2,384 against the estimate of Rs. 2,750.

(2) *Constructing a rough stone Kondam across the Kaveripauk tank supply channel.*—The work was completed at a cost of Rs. 941, against the estimate of Rs. 1,100.

Working expenses.

71. The expenditure amounted to Rs. 11,550 under 'Extensions and Improvements' and Rs. 53,235 under 'Maintenance and Repairs,' against Rs. 8,517 and Rs. 35,385 respectively in the previous year, and Rs. 6,317 and Rs. 34,509, the averages of the previous triennium. The increase under 'Extensions and Improvements' was due to certain improvements carried out to the anicut and to the reconstruction of the inspection bungalow at the anicut. The heavy expenditure under 'Maintenance and Repairs' was due to repairing the damage caused by the cyclone of November 1916.

Area irrigated.

72. The area irrigated was 80,666 acres first crop and 36,766 acres second crop, against 77,893 acres and 35,824 acres respectively in the preceding year.

Financial results.

73. The net revenue was Rs. 1,47,616, equivalent to 6.04 per cent on the capital outlay, against Rs. 1,58,567 or 6.50 per cent in the previous year.

General.

74. The highest flood during the year occurred on the 21st September 1917 with 0.10 foot of water over the crest of the anicut, against the maximum recorded flood level of 7.85 feet on the 12th November 1903.

No. 44 Vallurn Anicut System.

Capital outlay.

75. The expenditure under the head amounted to Rs. 5,362, which was incurred on certain improvements to the anicut.

Working expenses.

76. The outlay under 'Extensions and improvements' and 'Maintenance and repairs' amounted to Rs. 2,036 and Rs. 849, respectively, against Rs. 487 under 'Maintenance and repairs' in the preceding year.

Area irrigated.

77. The area irrigated was 5,147 acres first crop and 250 acres second crop against 5,172 acres and 231 acres in the previous year.

Financial results.

78. The net revenue amounted to Rs. 1,332, which is 1.89 per cent on the capital outlay, against Rs. 4,389, or 6.73 per cent, in the preceding year.

No. 45 Madras Water-supply and Irrigation System.

Capital outlay.

79. The expenditure under the head amounted to Rs. 495, which was incurred on improvements to the drains below the Red Hills tank. The work was completed at a cost of Rs. 3,178 against the estimate of Rs. 3,210.

Working expenses.

80. The outlay under 'Extensions and improvements' and 'Maintenance and repairs' amounted to Rs. 1,272 and Rs. 5,218, respectively, against Rs. 1,197 and Rs. 9,579 in the previous year.

Area irrigated.

81. The area irrigated was 7,438 acres first crop and 3,603 acres second crop against 7,517 acres and 3,463 acres in the preceding year.

Financial results.

82. The net revenue amounted to Rs. 40,203, equivalent to a return of 2.25 per cent on the capital outlay, as compared with Rs. 33,771, or 1.89 per cent, in 1916-17. The miscellaneous revenue, including that from the water-supply to the town, amounted to Rs. 30,164 against Rs. 31,802 in the previous year.

No. 46 Chembrambakkam Tank.

Capital outlay.

83. No expenditure was incurred under this head.

Working expenses.

84. The outlay under 'Extensions and improvements' and 'Maintenance and repairs' amounted to Rs. 12,407 against Rs. 13,508 in the previous year and Rupees 12,384, the average of the previous triennium.

Area irrigated.

85. The area irrigated was 13,327 acres first crop and 8,525 acres second crop against 13,405 acres and 4,189 acres in 1916-17, and 13,333 acres and 6,729 acres, the averages of the previous triennium.

Financial results.

86. The net revenue amounted to Rs. 43,207, equivalent to 5.75 per cent on the capital outlay, as compared with Rs. 27,937, or 3.72 per cent, in 1916-17.

No. 47 Mohamatur Anicut System.

87. There was no outlay under this head.

Capital outlay.

88. The expenditure under 'Extensions and improvements' and 'Maintenance and repairs' amounted to Rs. 157 and Rs. 3,365, respectively, against Rs. 223 and Rs. 3,004 in the previous year.

Working expenses.

89. The area irrigated was 4,430 acres first crop and 158 acres second crop against 4,213 acres and 218 acres in the preceding year. The extent of sugar cane cultivation was 126 acres.

Area irrigated.

90. The net revenue was Rs. 11,804, which is 16.25 per cent on the capital outlay, against Rs. 10,619, or 14.61 per cent, in 1916-17.

Financial results.

91. The highest flood was on the 15th September 1917, when it rose to 3 feet over the crest of the anicut, against the highest recorded level of 6.40 feet on the 10th November 1913.

General.

No. 48 Vriddhachalam Anicut System.

92. No expenditure was incurred under this head.

Capital outlay.

93. The expenditure under 'Extensions and improvements' and 'Maintenance and repairs' amounted to Rs. 52 and Rs. 8,411, respectively, against Rs. 219 and Rs. 5,511 in the previous year.

Working expenses.

94. The area irrigated was 8,258 acres first crop and 309 acres second crop, against 8,282 acres and 305 acres in the preceding year. The extent of sugarcane cultivation was 32 acres.

Area irrigated.

95. The net revenue amounted to Rs. 13,037, which is 15.04 per cent on the capital outlay, against Rs. 16,455, or 18.98 per cent, in 1916-17.

Financial results.

96. The floods were normal. The highest flood level was 3.30 feet on the 15th September 1917, the maximum recorded level being 13.25 feet on the 10th November 1913. The season was favourable for agricultural operations.

General.

No. 49 Pelandorai Anicut System.

97. The expenditure under the head was Rs. 11,517, which was incurred on providing cross drainage works across the Pelandorai Main channel between the third and fourth mile.

Capital outlay.

98. The outlay under 'Extensions and improvements' and 'Maintenance and repairs' was Rs. 460 and Rs. 24,127, respectively, against Rs. 1,846 and Rs. 16,133 in 1916-17.

Working expenses.

99. The area irrigated was 11,952 acres first crop and 390 acres second crop against 11,762 acres and 503 acres in the previous year.

Area irrigated.

100. The net revenue amounted to Rs. 11,603, representing a return of 1.73 per cent on the capital outlay, against Rs. 17,912, or 2.72 per cent, in 1916-17.

Financial results.

101. The highest flood level was 9 feet over the crest of the anicut on the 19th October 1917 against the maximum of 22.50 feet recorded on the 10th November 1913.

General.

No. 50 Nandyar Channel System.

102. The expenditure under the head amounted to Rs. 1,629, which was incurred on 'providing a second apron and ramp to the Kandradithan tank'. The outlay work was completed at a cost of Rs. 1,825 against the estimate of Rs. 2,100.

Capital outlay.

103. No outlay was incurred under 'Extensions and improvements.' The expenditure under 'Maintenance and repairs' was Rs. 2,466 against Rs. 2,997 in 1916-17.

Working expenses.

104. The area irrigated was 6,108 acres first crop and 1,759 acres second crop against 5,989 acres and 1,980 acres in the previous year.

Area irrigated.

105. The net revenue amounted to Rs. 5,738, representing a return of 8.81 per cent on the capital outlay, against Rs. 4,351, or 6.76 per cent, in 1916-17.

Financial results.

No. 51 Panjapatti Reservoir Project.

Project under construction. 106. Details regarding this project are given in paragraph 6 of chapter I.

No. 52 Marudur Anicut System.

Capital outlay. 107. No expenditure was incurred under this head.

Working expenses. 108. The outlay under 'Extensions and improvements' and 'Maintenance and repairs' was Rs. 1,662 and Rs. 10,617, respectively, against Rs. 112 and Rs. 15,974 in the previous year.

Area irrigated. 109. The area irrigated was 17,409 acres first crop and 13,888 acres second crop against 17,263 acres and 13,715 acres in 1916-17.

Financial results. 110. The net revenue amounted to Rs. 78,051, which is 150.06 per cent on the capital outlay, against Rs. 75,867, or 146.44 per cent, in the previous year.

No. 53 Mahadevapuram Project.**No. 54 Baguva Project.****No. 55 Chinna Tekur Project.****No. 56 Rayapuram Tank Project.**

Projects in abeyance. 111. These have been sanctioned as famine-relief works, i.e., works to be undertaken only when any necessity for relief measures arises.

No. 57 Chilka Lake Canal.

112. The canal is 8 miles long. The question of transferring the canal to the Salt department was under consideration.

No. 58 Ganjam-Gopalpur Canal.

113. The gross receipts amounted to Rs. 118 and the working expenses to Rs. 185. The canal was therefore worked at a loss of Rs. 67, the average loss of the previous triennium being Rs. 132.

No. 59 Buckingham Canal.

Capital outlay. 114. This canal, which is 262 miles long, is intended solely for navigation. The capital expenditure amounted to Rs. 2,420 and was incurred on improvements to the canal from Adyar to Papanchavadi.

Working expenses. 115. (a) *Extensions and improvements* and (b) *Maintenance and repairs*.—The expenditure was Rs. 404 and Rs. 1,02,577 against Rs. 764 and Rs. 92,144, respectively, in the preceding year and Rs. 491 and Rs. 1,10,129, the averages of the previous triennium.

Navigation receipts. 116. The navigation receipts, ton-mileage and the number of passengers carried compare as follows with those of the previous year :—

	1917-18.	1916-17.
Receipts	Rs. 79,154	67,215
Ton-mileage	8,692,870	6,783,384
Value of goods	Rs. 84,27,206	81,00,969
Number of passengers	92,561	90,724

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

Financial results. 117. The following table compares the gross receipts and working expenses of the year with those of the previous triennium :—

	Average of the triennium ending 1916-17.	During 1916-17.	During 1917-18.
	Rs.	Rs.	Rs.
Gross receipts	68,025	66,999	78,798
Working expenses	1,46,486	1,23,533	1,42,328
Net revenue	— 78,461	— 56,534	— 63,525

No. 60 Vedaranniyam Canal.

118. This canal is 34½ miles long and is maintained partly in the interests of salt traffic. The gross receipts amounted to Rs. 622 and the working expenses to Rs. 8,573. There was thus a loss of Rs. 7,951 to Government on the working of the canal during the year against Rs. 5,453 in the previous year. Greater expenditure than in the previous year was incurred in clearing the canal of silt to render it more efficient for traffic. The canal being valuable as a means of communication, the District Board contributes equally with Provincial funds towards its maintenance. The net loss to the district board on the maintenance of the canal during the year was Rs. 5,625 (receipts Rs. 622 and expenditure Rs. 6,247).

CHAPTER IV.—CLASSES III AND IV—MINOR WORKS AND NAVIGATION FOR WHICH NEITHER CAPITAL NOR REVENUE ACCOUNTS ARE KEPT AND AGRICULTURAL WORKS.

CLASS III WORKS.

The number of works in this class during the year was 36,783 as shown in the table below :—

	Channels.	Tanks.	Other works.	Total.
Class III (a)	549	2,696	81	3,326
Do. (b)	5,608	24,607	3,282	33,497
Total	6,057	27,303	3,363	36,783

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 1917-18 on class III works by departmental heads.

	Ordinary minor works			Old maintenance charges.	Tank Restoration works.	Total.
	Public Works Department.	Revenue Department.	Works in charge of Civil officers acting as Public Works disbursers.			
	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.
Original works	1,76,272	18,435	4,586	41,957	..	2,43,250
Repairs	6,27,494	24,840	19,604	2,08,038	3,40,056	12,20,082
Establishment	1,73,593	8,587	..	3,26,404	72,672	5,81,256
Tools and plant	13,734	598	..	3,319	5,071	22,722
Refunds of revenue	417	..	..	..	..	417
Total	9,93,510	52,460	24,190	5,78,718	4,17,829	20,67,707
Add outlay incurred by Civil officers on Minor Irrigation works.	..	..	..	..	..	7,80,922
Total	..	..	..	..	..	28,48,629

(ii)
Statement showing by districts the expenditure incurred by Civil officers acting as Public Works disbursers during 1917-18.

Districts.	Original works.	Repairs.	Total.
	Rs.	Rs.	Rs.
Collector of North Arcot	47	6,746	6,793
.. Chingleput	1,120	3,095	4,215
.. Tinnevely	1,087	1,314	2,227
.. Ganjam	..	2,560	2,560
.. South Arcot	1,960	3,777	5,737
.. Cuddapah	..	2,112	2,112
.. Tanjore	2,546	..	2,546
Total	4,586	19,604	24,190

Progress
of works.

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

VIZAGAPATAM DIVISION.

(1) *Improvements to the Narsapur channel.*—The outlay during the year was Rs. 1,096 and to the end of the year Rs. 6,535 against the estimate of Rs. 9,700.

GODAVARI NORTHERN DIVISION.

(2) *Restoration of the Edira tank.*—The expenditure to the end of the year was Rs. 4,668 against the estimate of Rs. 6,000.

(3) *Restoration of the Venkatarreddidora tank.*—The work was put in hand during the year under an estimate of Rs. 14,250, the outlay being Rs. 2,046.

BELLARY DIVISION.

(4) *Improvements to the Gandiganur tank.*—The outlay to the end of the year was Rs. 11,834 against the estimate of Rs. 11,850. The work was practically completed.

NELLORE DIVISION.

(5) *Constructing a head sluice to the Battipad channel and excavating a branch channel therefrom.*—The work was completed at a cost of Rs. 8,533 against the estimate of Rs. 8,580.

(6) *Providing a regulating dam across the Pulikalva taking off from the Swarnamukhi river.*—The work was started towards the close of the year under an estimate of Rs. 13,700 and an outlay of Rs. 1,206 was incurred.

(7) *Constructing a fish farm in the Ipur tank.*—The work was completed at a cost of Rs. 25,372 against the estimate of Rs. 26,910.

SOUTH ARCOT DIVISION.

(8) *Reconstructing and extending the Kothambakkam anicut.*—The work was put in hand under an estimate of Rs. 15,800 and the outlay was Rs. 12,021.

TRICHINOPOLY DIVISION.

(9) *Improvements to the Nangavaram kattuvai.*—The expenditure to the end of the year was Rs. 20,866 against the estimate of Rs. 33,700.

(10) *Improvements to the head sluice of the Wyacondan channel.*—The work was completed at a cost of Rs. 10,568 against the estimate of Rs. 11,000.

TINNEVELLY DIVISION.

(11) *Improvements to the Vilattikulam Feriyakulam tank and supply channel.*—The expenditure to the end of the year was Rs. 39,322 against the estimate of Rs. 40,850. The work was almost completed.

(12) *Extending the Pottlapudur anicut across the Viranadhi river.*—The work was completed at a cost of Rs. 14,140 against the estimate of Rs. 9,400.

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

	1917-18.	1916-17.
	RS.	RS.
Irrigation revenue	95,15,706	91,11,396
Receipts collected	61,041	45,607
	95,76,747	91,57,003

Financial
results.

6. The net revenue for the year was Rs. 67,25,195 against Rs. 61,21,534 of

Tank
Restora-
tion
Scheme
works.

7. The progress made in the irrigation Scheme works is dealt with in paragraphs by districts the work done during the year

meeting the charges amounted to Rs. 1,10,000 during the year.

and execution of Tank Restoration Scheme works. The following table shows the progress of the work done during the year 1917-18.

Statement showing the area investigated and the number and amount of estimates sanctioned during and up to the end of the year 1917-18 by districts.

Circle.	Districts.	Approximate area investigated in square miles.		Number of estimates sanctioned.		Amount of estimates sanctioned in rupees.	
		During the year 1917-18.	To the end of the year 1917-18.	During the year 1917-18.	To the end of the year 1917-18.	During the year 1917-18.	To the end of the year 1917-18.
I Circle	Godavari	..	818	54	450	78,663	3,25,638
	Vizagapatam	..	525	..	144	..	1,49,653
	Kistna	..	300	..	69	..	51,451
II Circle	Guntur	..	4,411	..	257	..	2,04,727
	Kurnool	..	7,646	..	340	..	3,33,862
III Circle	Cuddapah	240	3,466	2	1,111	1,332	7,91,411
	Bellary	168	8,908	11	72	9,865	60,495
	Anantapur	..	7,636	18	686	21,689	9,06,304
IV Circle	Coimbatore	..	8,097	..	149	..	3,10,079
	Salem	5	5,277	22	1,104	42,297	8,07,380
V Circle	Chingleput	4	1,964	10	1,821	20,622	21,61,117
	Nellore	..	7,306	..	474	..	6,13,994
	Trichinopoly	..	2,808	1	287	27,688	5,88,134
VI Circle	Madura	..	4,836	..	1,642	..	14,88,614
	Tinnevely	..	1,742	3	762	2,776	9,24,970
	Ramanad	..	1,643	..	..	..	..
	North Arcot	22	4,374	33	1,740	73,785	20,31,895
VII Circle	South Arcot	1	567	1	638	3,177	12,64,320
	Chittoor	17	4,555	24	180	23,265	2,69,006
	Tanjore	..	1,140	..	610	3,566	7,93,915
Total		457	78,015	179	12,225	3,03,624	1,40,74,920

CLASS IV. AGRICULTURAL WORKS.

8. The receipts, which are realized mainly by the sale of plantations and produce of trees along river embankments, amounted to Rs. 1,05,148 against Rs. 93,488 in 1916-17.

9. The expenditure incurred amounted to Rs. 6,69,695 against Rs. 6,55,973 in the previous year as shown below :—

	1917-18.	1916-17.
	RS.	RS.
Works	1,05,224	38,629
Repairs	4,32,981	4,91,209
Establishment	1,18,149	1,13,797
Tools and plant	11,614	11,136
Refunds of revenue	1,727	1,202
	6,69,695	6,55,973

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

THE GODAVARI RIVER.

(1) *Fixing permanent stations on the banks of the Godavari river.*—The expenditure to the end of the year was Rs. 10,244 against the estimate of Rs. 20,250.

THE KISTNA RIVER.

(2) *Raising the Divi left flood bank from 3/0 to 10/0 miles.*—The work was completed at a cost of Rs. 21,698 against the estimate of Rs. 21,700.

(3) *Improvements to the Divi right flood bank from head to 14/0 mile.*—The work was started during the year under an estimate of Rs. 55,000 and the outlay was Rs. 37,519.

THE CAUVERY RIVER.

(4) *Diverting the Cauvery right bank at 45/0 mile.*—The expenditure to the end of the year was Rs. 3,345 against the estimate of Rs. 5,920.

(5) *Training the river Korayar from 69/3 to 72/0 miles.*—An expenditure of Rs. 1,535 was incurred during the year, the total outlay being Rs. 7,003 against the estimate of Rs. 9,500.

(6) *Protective works at the Murungapet set between 32 and 33 3/4 B.M. Cauvery right bank.*—The work was completed at a cost of Rs. 19,401 against the estimate of Rs. 20,510.

(7) *Protective works at the Melur set between 5 1/4 and 6 1/2 B.M. Cauvery left bank.*—The work was completed at a cost of Rs. 7,456 against the estimate of Rs. 11,610.

W. J. J. HOWLEY,
Chief Engineer for Irrigation.

14th December 1918.

Appendix I.

STATISTICAL STATEMENTS—(Prescribed by the Secretary of State).

A-I.—Statement of Canals in the Madras Presidency for the year 1917-1918.

APPENDIX I.																	
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17
Source of supply of water ..	River Nagavalli.	River Godavari.	River Krishna.	Pumping from river Krishna.	Pennar river canals system.	Kuricol-Andapah canal.	Polney ancient system.	Choyeru ancient system.	Thak-koyilar ancient system.	Shatia-tope ancient system.	Lower Coleroon ancient system.	Cauvery delta system.	Sivakuntam ancient system.	Ganjam minor rivers system.	Muniyera system.	Sagilaru system.	
Minimum discharge of river .. c. ft.	54	935,631	55	..	164,469	2,000	..	..	269,813	234,326	Not known.	..	..	..	..	19,200	
Maximum discharge of main canals, as designed.	618	18,155	13,284	718	8,392	1,931	3,274	3,318	1,271	850	Do.	43,750	1,860	Not known.	300	477	
Maximum discharge during the year.	374	12,179	11,886	557	4,425	..	1,362	417	708	757	Not available	23,960	1,353	..	293	477	
Average rainfall for the year. inches.	54.25	55.53	50.94	50.55	50.92	..	33.34	38.14	30.42	40.81	39.24	34.88	31.71	54.76	47.64	377	
Gross area commanded .. Acres.	49,020	1,267,200	1,250,400	100,000	258,600	381,515	42,500	29,461	54,895	108,069	158,026	1,766,023	80,000	64,000	14,471	33,576	
Culturable area commanded ..	31,200	961,363	300,000	50,000	100,000	355,953	23,824	23,461	46,977	43,662	117,233	969,034	33,500	64,000	13,024	29,676	
Area irrigable by complete project.	27,667	840,100	725,000	50,000	105,356	124,662	23,824	23,461	46,977	43,662	110,308	908,375	23,014	63,000	10,580	4,064	
Area irrigable at present ..	25,000	745,922	734,153	49,000	117,274	121,398	22,462	22,463	30,454	34,025	107,929	900,924	23,014	59,000	10,000	4,664	
Sanctioned estimate—																	
Direct charges .. Rs.	17,47,770	1,10,32,322	1,12,13,013	19,40,000	47,55,289	1,70,35,000	2,07,178	4,42,955	3,08,759	9,15,246	15,69,597	16,62,925	13,61,620	2,58,182	6,71,424	4,47,108	
Indirect do. ..	68,650	19,34,864	9,81,100	48,000	10,06,003	1,70,35,000	6,379	11,764	8,189	57,271	71,259	1,65,767	1,15,286	10,263	28,000	17,619	
Interest during construction ..	2,93,217	1,11,38,032	1,28,24,716	3,23,817	22,88,413	..	..	..	..	..	..	..	7,49,677	..	..	..	
Total, Estimate ..	21,09,537	2,41,62,248	2,80,18,886	23,21,517	80,74,863	1,76,35,000	2,13,557	4,47,979	3,75,948	9,72,516	16,40,856	18,29,692	22,26,383	2,68,365	6,99,434	4,64,727	
Expenditure to end of 1917-1918—																	
Direct charges ..	18,48,938	1,31,51,815	1,55,79,949	19,20,437	57,02,173	2,29,33,887	2,39,078	4,25,705	3,66,769	9,15,245	18,69,597	14,98,012	16,26,635	2,58,182	5,68,966	4,47,108	
Indirect do. ..	39,912	19,60,866	10,57,373	29,710	10,12,513	61,051	6,409	11,754	9,189	57,271	71,259	1,92,344	1,05,816	10,203	29,636	17,619	
Interest during construction.†	2,04,627	90,82,357	95,15,259	3,09,819	25,84,125	..	..	..	..	..	..	13,37,765	8,67,927	..	..	..	
Total, Expenditure ..	18,93,527	2,51,00,968	2,66,52,591	22,69,966	92,99,111	2,29,84,888	2,45,488	4,37,459	3,75,948	9,72,516	19,40,856	17,58,121	26,00,078	2,68,365	5,98,602	4,64,727	
Works as now sanctioned—																	
Main canals, irrigation .. Miles.	23	511	349	50	31	413	55	21	57	3	194	1,607	28	119	26	12	
Branch canals do. ..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	
Distributaries ..	..	1,993	2,182	115	477	263	78	40	80	38	292	1,971	46	225	34	..	
Of above—																	
Navigable ..	..	420	234	..	..	190	..	..	..	..	..	..	..	..	..	..	
Works completed at end of 1917-1918—																	
Main canals, irrigation ..	23	511	349	50	31	403	55	21	57	3	194	1,607	28	119	26	12	
Branch canals do. ..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	
Distributaries ..	75	1,993	2,182	115	477	263	78	40	80	38	292	1,971	46	225	34	..	
Of above—																	
Navigable ..	..	420	234	..	..	190	..	..	..	..	..	..	..	..	..	..	

* This area having been exceeded, a revised ultimate irrigable area will be proposed shortly.

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

A-I.—Statement of Canals in the Madras Presidency for the year 1917-1918—cont.

	18	19	20	21	22	23	24	25	26	27	28	29	30	31
Source of supply of water ..	River Bhavani.	River Bhavani.	River Bhavani.	River Palar.	River Kortayar.	River Manimuk-tanadi.	River Manimuk-tanadi.	River Vellar.	River Nandiyar.	River Tambraparni.	Chilka lake canal.	Ganjapur canal.	Buckingham canal.	Vedra-raini-yam canal.
Minimum discharge of river .. c. ft.	..	..	..	..	..	23,291	53,954	159,392	..	..	..	..	..	..
Maximum discharge during the year ..	552	725	893	7,698	113	263	328	563	237	..	..	..	..	..
Average rainfall for the year .. Inches.	762	1,063	1,181	5,683	36	191	272	476	209	1,061	..	..	..	..
Gross area commanded .. Acres.	8,000	32,86	41,59	34,69	72,96	31,31	41,46	40,51	40,53	36,77	..	..	..	..
Culturable area commanded ..	6,000	16,125	15,875	141,031	10,124	13,792	19,993	60,670	9,480	35,940	..	..	..	..
Area irrigable by complete project ..	5,000	16,000	15,000	106,032	6,794	10,651	16,359	16,677	9,480	17,920	..	..	..	..
Area irrigable at present ..	4,760	15,000	12,000	78,068	5,216	4,555	8,899	12,887	6,620	17,920	..	..	..	..
Sanctioned estimate—														
Direct charges .. Rs.	1,47,006	1,70,380	1,78,780	23,28,482	74,535	70,751	84,191	6,42,823	63,281	50,541	30,240	1,43,100	85,56,015	1,32,699
Indirect do. ..	3,676	11,050	4,506	1,16,752	1,666	1,897	2,494	47,800	2,484	1,265	787	12,383	4,88,256	3,733
Interest during construction ..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Total, Estimate ..	1,50,682	1,81,430	1,83,286	24,45,234	76,201	72,653	86,685	6,90,623	65,715	51,806	31,027	1,55,493	90,44,271	1,36,432
Expenditure to end of 1917-1918—														
Direct charges ..	1,40,739	1,64,755	1,75,980	23,26,160	68,823	70,701	84,191	6,22,35	63,281	50,541	30,240	1,43,100	85,20,455	1,32,699
Indirect do. ..	3,676	11,050	4,506	1,16,780	1,793	1,897	2,494	47,959	2,484	1,265	787	12,383	4,88,315	3,733
Interest during construction ..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Total, Expenditure ..	1,44,415	1,75,805	1,80,486	24,42,940	70,616	72,658	86,685	6,70,394	65,715	51,806	31,027	1,55,493	90,08,770	1,36,432
Works as now sanctioned—														
Main canals, irrigation .. Miles.	20	48	57	196	5	7	17	15	7	29	8	..	262	34
Branch canals do. ..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Distributaries ..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Of above—														
Navigable canals ..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Works completed at end of 1917-1918—														
Main canals, irrigation ..	20	48	57	196	5	7	17	15	7	29	8	..	262	34
Branch canals do. ..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Distributaries ..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Of above—														
Navigable ..	..	..	..	..	..	..	..	..	..	..	..	..	..	..

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

W. J. J. Howley,
Chief Engineer for Irrigation.

A-II.—Statement of Reservoir Projects in the Madras Presidency for the year 1917-1918.

Source of supply of water ..	Barur tank.	Periyar system.	Rushikulya system.	Jangamabeswarapuram tank.	Atmakur tank.	Dondapad tank.	Pedda-nadu tank of Chinna-palem.	Hajipuram tank.	Ponnalar tank.	Annamalai dam.	Yerur tank.	Cumbum tank.	Marka-par tank.	Madras water-supply and irrigation system.	Chem-bram-bakan tank.
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
Ponnalar river and local rains.	2,082	232	1,750	60	105	56	26-64	100	32-14	23-62	60-50	430	270-25	34	100
II { Area of catchment. Sq. miles. supplied by { Average annual rainfall. Inches. Contents of tank between Mills. c. ft. levels of surface of full supply and sill of canal head sluice.	34-20	80-27	55-84	28-21	23-15	25-84	32-16	24-42	32-55	29-17	33-78	2,942	13-29	57-06	52-26
Gross area commanded ..	6,887	7,157	4,948	619	575	705	501	1,500	719	474	3,286	6,597	811	5,361	6,722
Culturable area commanded ..	6,887	7,157	4,948	980	1,700	3,240	784	2,900	1,973	1,000	1,236	7,860	1,931	16,129	32,554
Area irrigable by complete project.	6,887	7,157	4,948	980	1,160	2,850	726	1,420	1,973	1,000	1,236	6,000	1,700	10,165	24,478
Do. at present ..	6,887	113,000	105,000	980	1,160	1,839	210	700	1,000	981	1,143	5,980	1,583	9,552	18,000
Wells supplied by tanks ..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Sanctioned estimate—	4,00,000	84,71,000	45,53,000	61,253	1,09,951	1,24,785	58,234	2,78,774	1,00,887	71,587	61,741	83,985	1,16,657	15,47,123	6,48,970
Direct charges ..	25,300	2,79,000	3,42,520	10,411	13,428	15,218	20,726	33,109	25,011	1,886	1,612	2,388	4,001	2,38,915	1,12,547
Indirect do. ..	41,439	16,23,506	14,31,004	..	..	..	..	..	..	..	..	..	..	..	..
Interest during construction ..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Total, Estimate ..	4,66,739	1,03,73,606	64,36,524	71,664	1,23,379	1,40,004	88,960	3,11,883	2,16,898	73,473	63,353	86,373	1,20,658	17,86,068	7,61,517
Expenditure to end of 1917-18—	4,19,375	1,02,47,378	46,82,457	61,253	1,09,951	1,24,786	62,008	2,78,774	1,82,141	71,667	61,741	83,985	1,16,657	15,47,123	6,39,251
Direct charges ..	23,738	3,66,528	4,12,878	10,411	13,428	15,218	1,397	33,109	25,402	1,886	1,612	2,388	4,001	2,38,915	1,12,547
Indirect do. ..	80,175	16,06,402	18,69,901	..	..	..	..	..	..	..	..	..	..	..	..
Interest during construction.* ..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Total, Expenditure ..	5,23,238	1,22,70,308	67,55,234	71,664	1,23,379	1,40,004	63,456	3,11,883	2,07,543	73,573	63,353	86,373	1,20,658	17,86,068	7,61,708
Works as now sanctioned—	28 (earth).	173 (earth).	50 (earth).	24 (partly earth and partly masonry).	23 (partly earth and partly masonry).	22 (partly earth and partly masonry).	..	6 (masonry).	21 (partly earth and partly masonry).	..	..	56 (earth).	22 (earth).	30 (earth).	25 (earth).
Dam (earth or masonry) total Feet height.	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Canals ..	11	145	50	..	..	..	..	..	..	..	..	..	..	..	..
Distributaries ..	26	106	218	..	..	..	..	..	..	..	..	..	..	..	..
Works completed to end of 1917-18—	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Dam (height completed). Feet.	28	173	50	24	23	22	..	6	21	..	..	56	22	30	25
Canals ..	11	145	80	..	..	..	..	..	..	..	..	..	..	..	..
Distributaries ..	26	106	151	..	..	..	..	..	..	..	..	..	..	..	..

* Represent interest charges up to date of closure of construction estimates of the works.
(a) Rasikonda reservoir.

W. J. J. HOWLEY,
Chief Engineer for Irrigation.

B-I.—Capital Accounts of Irrigation and Navigation Works, Class I, "Major" (Productive and Protective) and Class II, "Minor Works and Navigation" for which Capital and Revenue Accounts are kept in the Madras Presidency for and to the end of 1917-1918.

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.					
1	2	3	4	5	6	7	8	9		
CLASS I.—MAJOR PRODUCTIVE WORKS.										
Nagavalli river system	To end of previous year ..	12,89,524	2,55,585	92,719	1,377	16,35,551	39,583	16,76,134	4,74,926	
	During 1917-1918 ..	11,097	2,350	..	..	13,447	329	13,776	57,036	
Godavari delta system	To end of previous year ..	97,80,781	22,84,747	9,24,272	1,526	1,29,88,274	19,62,815	1,49,61,089	2,17,88,426	
	During 1917-1918 ..	1,35,820	27,721	..	..	1,63,541	3,881	1,67,422	4,53,923	
Kistna do.	To end of previous year ..	1,19,22,645	26,51,790	7,00,074	18,540	1,52,55,959	10,54,767	1,63,10,736	1,94,48,118	
	During 1917-1918 ..	1,05,982	17,938	..	..	1,23,920	2,606	1,26,526	6,31,983	
Divi pumping system	To end of previous year ..	10,31,265	1,95,917	6,73,427	377	19,00,233	28,210	19,28,443	6,28,346	
	During 1917-1918 ..	16,921	3,283	..	..	20,204	1,669	21,764	56,346	
Pennar river canals system	To end of previous year ..	45,95,645	9,54,801	1,44,158	2,858	56,92,746	10,12,754	67,05,500	72,86,580	
	During 1917-1918 ..	9,065	421	..	..	9,427	59	9,486	1,97,873	
Kurnool-Cuddapah canal	To end of previous year ..	1,88,00,956	2,11,171	40,81,306	2,24,115	2,28,68,418	49,099	2,29,17,517	2,89,61,940	
	During 1917-1918 ..	57,132	10,613	306	2,632	65,419	1,362	67,371	7,95,356	
Barur tank	To end of previous year ..	3,35,785	76,701	6,931	22	4,19,375	23,738	4,43,113	4,78,418	
	During 1917-1918 ..	..	..	..	..	..	..	..	14,665	
Poiney ancient system	To end of previous year ..	1,93,438	44,383	..	..	2,37,859	6,379	2,44,238	4,19,907	
	During 1917-1918 ..	1,007	213	38	..	1,220	30	1,250	8,282	
Choyar do.	To end of previous year ..	3,47,059	78,646	..	..	4,25,705	11,754	4,37,459	6,15,174	
	During 1917-1918 ..	..	..	..	..	..	..	..	14,785	
Thirukkoyilar ancient system	To end of previous year ..	3,01,870	64,859	..	..	3,66,729	9,189	3,75,918	4,72,382	
	During 1917-1918 ..	..	..	..	..	..	..	..	12,738	
Shattapore do.	To end of previous year ..	8,10,406	1,04,724	115	..	9,15,245	57,271	9,72,516	4,35,347	
	During 1917-1918 ..	..	..	..	..	..	..	..	31,786	
Lower Coleroon do.	To end of previous year ..	15,47,017	3,08,521	14,059	..	18,69,697	71,269	19,40,966	18,12,542	
	During 1917-1918 ..	..	..	..	..	..	..	..	64,931	
Toludur project	To end of previous year ..	4,61,535	60,691	3,65,538	1,155	8,27,010	1,57,724	9,84,734	46,626	
	During 1917-1918 ..	1,23,299	19,428	..	..	1,42,727	24,247	1,66,974	31,018	
Cauvery delta system	To end of previous year ..	33,43,046	6,99,358	16,901	1,985	41,36,250	1,90,867	43,27,117	41,92,871	
	During 1917-1918 ..	52,240	9,522	7,55,782	14,997	61,762	1,477	63,239	1,44,724	
Periyar system	To end of previous year ..	78,97,265	16,45,088	7,229	2,937	1,02,94,139	3,66,426	1,06,60,565	84,68,262	
	During 1917-1918 ..	5,449	729	..	..	3,299	102	3,341	3,57,572	
Sivaraikuntam ancient system	To end of previous year ..	12,76,834	3,15,831	10,524	2,389	16,02,820	1,05,076	17,07,896	23,88,073	
	During 1917-1918 ..	19,453	3,862	..	..	23,815	540	24,355	56,079	
Total	To end of previous year ..	6,39,34,244	99,52,183	78,15,844	2,67,321	8,14,36,960	514,911	8,65,82,861	9,72,17,818	
	During 1917-1918 ..	5,37,905	96,140	..	6,427	6,18,272	86,723	6,54,995	28,39,007	

B-I.—Capital Accounts of Irrigation and Navigation Works, Class I, "Major" (Productive and Protective) and Class II, "Minor Works and Navigation" for which Capital and Revenue Accounts are kept in the Madras Presidency for and to the end of 1917-1918—cont.

Works or systems.	Direct charges (net expenditure).						Indirect charges.	Total excluding interest.	Simple interest.	
	Establishment.			Tools and plant.		Deduct receipts on capital account.				Total.
	Works.	3	4	5	6						7
1	2	3	4	5	6	7	8	9		
CLASS II.—MINOR WORKS AND NAVIGATION—WORKS FOR WHICH CAPITAL AND REVENUE ACCOUNTS ARE KEPT—cont.										
Pelandurai ancient system ..	RS. 4,95,335	1,10,602	5,938	798	6,11,077	47,800	6,58,877	..	..	
{ To end of previous year ..	10,221	1,137	..	..	11,358	189	11,547	..	..	
{ During 1917-1918 ..	50,167	11,474	..	..	61,641	2,446	64,086	..	..	
Nandiyar channel system ..	1,369	281	..	..	1,650	39	1,689	..	..	
{ To end of previous year ..	41,500	9,041	..	..	50,541	1,265	51,806	..	..	
Marudur ancient system ..	1,71,845	23,873	55,199	328	2,50,589	8,564	2,59,153	..	..	
{ To end of previous year ..	26,258	5,413	749	116	31,806	758	32,563	..	..	
Panjapatti reservoir ..	24,450	5,624	166	..	30,240	767	31,007	..	..	
{ To end of previous year ..	1,02,675	37,799	2,733	107	1,43,300	12,393	1,55,493	..	..	
Chilka lake canal ..	67,59,547	16,02,111	1,80,762	24,326	85,18,094	4,88,256	90,06,350	..	..	
{ To end of previous year ..	1,943	418	..	..	2,361	59	2,420	..	..	
Buckingham canal ..	1,07,855	24,814	..	..	1,32,669	3,733	1,36,402	..	..	
{ To end of previous year ..	..	..	..	..	..	..	..	..	..	
Vedatanniya canal ..	1,49,12,374	33,83,129	5,89,827	28,892	1,88,06,438	12,86,078	2,00,92,516	..	..	
{ To end of previous year ..	1,72,594	36,732	— 51,700	379	1,65,238	6,002	1,61,240	..	..	
Total ..	..	..	..	..	..	..	..	..	..	
NAVIGATION WORKS.										
Chilka lake canal ..	..	..	..	..	..	..	..	..	..	
Gaujam-Gopalpur canal ..	..	..	..	..	..	..	..	..	..	
Buckingham canal ..	..	..	..	..	..	..	..	..	..	
Vedatanniya canal ..	..	..	..	..	..	..	..	..	..	

R. SRINIVASA AYYAR,
Deputy Accountant-General.

APPENDIX I.

C-I.—Statement showing the financial results of Irrigation and Navigation Works, Class I "Major" (Productive and Protective) and Class II "Minor Works and Navigation" for which Capital and Revenue Accounts are kept in the Madras Presidency for the year ending the 31st March 1918.

Works or systems.	Revenue (actual receipts).										Working expenses.			
	Revenue (actual receipts).										Revenue management.			
	Revenue (actual receipts).										Establishment.			
Irrigation.	Share of land revenue.			Total.			Miscellaneous.			Total.			Direction, Execution.	
	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
CLASS I.—MAJOR PRODUCTIVE WORKS.														
Nagavalli river system ..	87,198	1,093	86,291	1,06,560	..	1,442	89,733	20	89,713	37,400	52,313	1,073	4,290	2,545
Godavari delta system ..	40,69,416	1,92,905	42,62,321	1,06,560	..	27,373	43,58,496	271	43,58,225	1,24,000	42,74,225	61,577	2,06,306	2,06,306
Kistna ..	36,25,137	1,34,844	37,60,041	78,301	..	26,202	37,82,687	188	37,82,499	71,000	37,11,499	44,723	1,78,892	1,78,892
Divi pumping system ..	1,63,108	22,156	1,85,264	..	..	1,447	1,86,716	1	1,86,715	20,300	1,66,415	2,004	8,017	7,652
Pennar river canal system ..	8,21,978	59,660	8,81,638	..	..	2,460	8,84,127	..	8,84,127	2,58,000	6,26,127	9,906	38,623	38,623
Karnool-Guddapah canal ..	2,91,702	1,833	2,93,535	1,584	..	11,361	3,04,896	1,184	3,03,712	35,872	2,67,840	3,751	15,003	12,881
Bartr tank ..	23,391	458	23,849	..	..	1,221	25,070	..	25,070	4,500	20,570	306	1,220	946
Poorey ancient system ..	1,10,408	3,451	1,13,859	..	..	410	1,14,269	..	1,14,269	38,000	76,269	1,333	5,331	3,891
Cheyar ..	1,00,218	3,314	1,03,532	..	..	346	1,03,878	..	1,03,878	39,000	64,878	1,210	4,838	3,226
Trunkoyil ancient system ..	1,13,023	3,362	1,16,385	..	..	263	1,16,648	..	1,16,648	60,000	56,648	1,402	5,606	2,819
Shattoppe ..	1,20,728	15,209	1,35,937	..	..	743	1,36,680	..	1,36,680	20,000	1,16,680	1,464	5,859	5,707
Lower Coleroon do. ..	4,06,282	31,610	4,37,892	..	..	576	4,38,468	..	4,38,468	1,55,000	2,83,468	4,970	10,381	15,140
Toludur project ..	42,89,951	1,18,072	44,08,023	..	..	7,260	44,00,222	14	44,00,208	34,000	43,66,208	51,472	2,05,880	49,403
Caundry delta system ..	7,64,229	42,795	8,07,024	..	..	8,698	8,15,726	49	8,15,677	2,04,000	6,11,677	9,874	37,497	28,623
Pennar system ..	2,29,605	1,490	2,31,095	..	..	5,879	2,36,974	..	2,36,974	79,000	1,57,974	2,862	11,450	7,605
Sivakuntam ancient system ..	1,60,98,461	6,53,252	1,67,51,713	1,89,818	..	93,749	1,60,98,468	1,729	1,60,96,739	45,44,072	1,15,52,667	1,87,426	7,49,702	5,56,263
Total ..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
MAJOR PROTECTIVE WORKS.														
Rushikulya system ..	2,53,587	4,455	2,58,042	..	..	2,216	2,60,258	..	2,60,258	67,000	1,93,258	47	188	9,497
Bhuvanai tank project ..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Mopad tank project ..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Verkatapuram tank project ..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Total ..	2,53,587	4,455	2,58,042	..	..	2,216	2,60,258	..	2,60,258	67,000	1,93,258	47	188	9,497
CLASS II.—MINOR WORKS AND NAVIGATION—WORKS FOR WHICH CAPITAL AND REVENUE ACCOUNTS ARE KEPT.														
Ganjam minor rivers system ..	1,51,198	7,324	1,58,522	..	..	182	1,58,704	..	1,58,704	95,000	63,704	6	24	3,176
Munjeru project ..	26,360	60	26,420	..	..	795	27,215	..	27,215	2,500	23,715	15	53	1,146
Peddana tank ..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Palem ..	535	..	535	..	..	..	535	..	535	..	535	..	..	27
Jangamabeswarapuram tank ..	2,261	..	2,261	..	..	..	2,261	..	2,261	..	2,261	..	..	88
Amakur tank ..	2,844	..	2,844	..	..	..	2,844	..	2,844	..	2,844	..	..	142
Dondapad tank ..	1,990	..	1,990	..	..	..	1,990	..	1,990	..	1,990	..	..	100
Hajipuram tank ..	4,595	15	4,610	..	..	2	4,612	..	4,612	..	4,612	..	..	230
Ponnalur tank ..	4,769	..	4,769	..	..	..	4,769	..	4,769	..	4,769	..	..	238

C-I.—Statement showing the financial results of Irrigation and Navigation Works, Class I "Major" (Productive and Protective) and Class II "Minor Works and Navigation" for which Capital and Revenue Accounts are kept in the Madras Presidency for the year ending the 31st March 1918—cont.

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APPENDIX I.

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.		Plantation.	Total cost of maintenance.		Indirect charges.	Total.	Total.	Due to improvements.		
	Direction.	Execution.	Total.													
17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	
CLASS I.—MAJOR PRODUCTIVE WORKS.																
Nagavalli river system ..	693	2,771	3,464	1,941	15,638	34	..	21,072	922	29,902	5,803	401	6,204	23,698	59,811	28,616
Godavari delta system ..	13,317	53,268	66,585	40,886	3,00,081	83,742	..	4,91,272	46,432	10,01,291	7,450	1,050	8,500	9,92,791	33,69,834	32,81,434
Kistna do. ..	11,197	44,780	55,985	55,481	2,41,851	30,670	..	3,83,588	39,188	8,26,158	4,260	640	4,900	8,20,288	29,57,311	28,91,211
Divi pumping system ..	2,041	8,156	10,207	2,034	47,378	2,873	..	52,514	2,883	62,359	10,128	638	16,787	66,183	1,05,798	1,02,232
Pennar river canals system ..	2,438	9,750	12,188	2,631	55,970	272	..	71,053	5,950	1,23,777	51,450	3,042	54,492	1,65,384	7,24,251	6,22,743
Karnool-Cuddapah canal ..	6,855	26,250	32,825	33,567	1,16,842	1,687	..	1,90,921	7,221	2,29,777	6,829	391	6,220	2,23,557	76,074	46,122
Barrak tank ..	152	610	762	..	3,542	..	..	4,304	320	7,056	270	38	308	7,387	17,076	13,783
Pokey anicut system ..	554	2,218	2,770	2,921	10,312	..	..	16,003	1,322	27,889	6,121	414	6,535	31,345	88,387	56,922
Cheyar do. ..	1,893	7,573	9,465	5,517	38,577	..	..	53,550	2,172	65,003	6,283	425	6,708	71,298	39,872	6,850
Tirukkoyil anicut system ..	749	2,955	3,714	—	17,389	..	..	20,810	1,549	31,983	9,668	652	10,318	42,686	86,680	36,998
Shakti do. ..	595	2,384	2,980	504	15,318	..	..	18,802	1,442	33,364	3,223	217	3,440	36,924	1,05,386	86,856
Lower Coleroon do. ..	2,095	8,381	10,475	4,544	48,428	..	..	63,470	6,051	1,09,518	18,254	1,521	19,775	89,743	3,53,092	2,17,867
Toludur project ..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Cauvery delta system ..	5,551	22,203	27,754	23,491	1,49,921	1,860	..	2,03,092	39,919	5,49,100	3,33,948	31,740	3,65,688	1,84,021	38,50,459	8,16,187
Poriyar system ..	2,151	8,606	10,757	4,491	33,351	3,298	..	1,11,807	9,096	1,96,407	44,092	2,433	46,585	1,48,882	6,21,860	4,64,445
Sivakuntam anicut system ..	1,322	5,288	6,608	—	32,405	..	..	37,944	2,929	62,780	11,574	531	12,405	74,685	1,73,984	1,07,389
Total ..	51,314	2,05,256	2,56,570	1,82,527	11,86,879	1,24,366	..	17,50,312	1,68,036	34,11,769	5,44,422	44,538	5,98,815	28,42,964	1,26,54,910	86,79,653
MAJOR PROTECTIVE WORKS.																
Rushikulya system ..	1,743	6,970	8,713	4,738	41,123	547	..	55,121	1,253	66,106	6,867	168	7,035	59,071	1,94,315	1,34,350
Bhavani tank project ..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Mopad tank project ..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Venkatapuram tank project ..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Total ..	1,743	6,970	8,713	4,738	41,123	547	..	55,121	1,253	66,106	6,867	168	7,035	59,071	1,94,315	1,34,350
CLASS II.—MINOR WORKS AND NAVIGATION—WORKS FOR WHICH CAPITAL AND REVENUE ACCOUNTS ARE KEPT.																
Ganjam minor rivers system ..	803	3,211	4,014	3,650	16,242	..	..	23,908	566	27,678	5,726	140	5,866	21,812	1,31,026	41,892
Muniyur project ..	295	1,181	1,476	503	6,315	..	..	8,695	217	10,032	273	7	280	9,752	16,172	13,963
Peddanadu tank of Chennarow-palem ..	4	17	21	..	98	..	..	119	8	149	..	..	..	149	356	386
Jangamahaswarapuram tank ..	4	18	22	..	101	..	..	123	3	214	..	..	..	214	2,047	1,547
Attakur tank ..	4	17	21	..	101	..	..	122	3	287	..	..	..	287	2,677	2,677
Dondapad tank ..	13	69	87	..	403	..	..	490	12	602	..	..	..	602	1,383	1,383
Rajipuram tank ..	..	..	..	..	..	..	..	..	..	380	..	..	..	380	5,390	5,390
Pornalur tank ..	..	5	6	..	..	..	..	..	..	273	..	..	..	273	4,486	4,486

C-I.—Statement showing the financial results of Irrigation and Navigation Works, Class I "Major" (Productive and Protective) and Class II "Minor Works and Navigation" for which Capital and Revenue Accounts are kept in the Madras Presidency for the year ending the 31st March 1918—cont.

Works or systems.	Revenue (actual receipts).														
	Irrigation.						Working expenses.								
	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.			
												Establishment.	Direction.	Execution.	Civil officers.
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
CLASS II.—MINOR WORKS AND NAVIGATION—WORKS FOR WHICH CAPITAL AND REVENUE ACCOUNTS ARE KEPT—cont.															
Anasamudram-Biraperu tank ..	5,089	1	5,090	..	..	32	5,122	..	5,122	3,600	1,522	1	2	74	77
Yerru tank ..	3,519	64	3,583	..	..	..	3,583	..	3,583	425	3,158	..	..	153	158
Vandla tank ..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Sagileru tank ..	24,958	4	24,962	..	17	27	25,006	..	25,006	17,800	7,206	1	..	358	362
Talupulavanka tank ..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Cumbum tank ..	53,555	461	54,017	..	..	..	54,017	..	54,017	30,000	24,017	..	..	1,201	1,201
Markapur tank project ..	7,557	1	7,558	..	..	12	7,570	..	7,570	2,130	5,440	..	1	271	272
Yellanur do. ..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Kooburvu do. ..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Siddapur do. ..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Nagavaram anicut and supply channel ..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Arakkota channel ..	38,575	410	39,085	..	..	223	39,308	..	39,308	19,000	20,293	..	4	1,004	1,026
Thadapalli do. ..	1,33,885	2,900	1,36,785	..	..	820	1,37,605	..	1,37,601	76,000	61,601	..	16	3,039	3,121
Kalingarayan do. ..	1,27,432	483	1,27,915	..	..	5,811	1,33,726	..	1,33,726	85,000	48,726	116	466	2,146	2,728
Kaniyampalayam anicut ..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Palar anicut system ..	3,41,136	16,733	3,57,869	..	..	2,404	3,61,302	..	3,61,302	1,55,000	2,06,302	69	276	11,537	11,941
Valluru do. ..	7,234	1,074	8,308	..	57	57	8,432	..	8,432	5,000	3,432	2	9	165	176
Madras water-supply and irrigation system ..	27,928	482	28,390	..	88	30,154	58,642	1	58,641	11,000	47,641	605	2,420	270	3,895
Chennuram anicut tank ..	69,522	908	70,430	..	..	64	70,484	..	70,484	16,000	54,484	1	4	2,722	2,727
Mahamatur anicut system ..	20,014	51	20,065	..	119	5	20,189	..	20,189	4,000	16,189	3	11	803	817
Vaddachalam do. ..	32,822	294	33,116	..	210	4	33,330	..	33,330	8,500	24,830	4	17	1,231	1,252
Pandorai do. ..	45,811	76	45,887	..	645	773	47,305	5	47,300	3,000	44,300	28	110	2,144	2,292
Nandayur channel system ..	21,587	54	21,651	..	..	448	22,101	..	22,101	17,000	5,101	9	36	233	278
Marudur anicut system ..	2,06,730	270	2,06,990	..	..	1,090	2,07,090	..	2,07,090	1,15,000	92,090	22	87	4,650	4,669
Panjaputti reservoir ..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
NAVIGATION WORKS.															
Chilka Lake canal ..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Ganjam-Gopalpur canal ..	..	..	..	..	106	12	118	..	118	..	..	..	..	..	..
Buckingham canal ..	..	..	..	75,626	612	3,001	79,239	441	78,798	..	78,798	1,585	6,389	..	7,924
Vedarraniyam canal (a) ..	..	..	..	606	13	4	622	..	622	..	622	12	50	..	62
Total, Minor Works and Navigation ..	13,59,207	31,648	13,91,645	76,331	2,898	47,060	15,17,834	465	15,17,368	6,36,455	8,80,913	2,622	10,088	37,713	60,323

(a) The District Board's share of the receipts from the canal amounted to Rs. 622 and that of the expenditure on the canal amounted to Rs. 6247.

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R. SRINIVASA AYYAR,
Deputy Accountant-General.

C-II.--Statement showing the financial results of irrigation works for, and up to the end of, 1917-1918.

Note.—In the cases of items 8 to 12, 14 and 16 under class I works, no entries have been made in column 6 (b) as information is not available.

Note.—In the cases of items 8 to 12, 14 and 16 under class I works, no entries have been made in column 6 (b) as information is not available.

C-II.—Statement showing the financial results of irrigation works for, and up to the end of, 1917-1918—cont.

Financial results of the year 1917-1918.											
No.	Name of work.	Gross receipts (direct and indirect).	Working expenses (direct and indirect).	Net revenue.	Percentage on capital outlay, column 7.	Percentage on sum-at-charge, column 10.	Interest at 3.4730 per cent on direct capital outlay to end of previous year, plus half the outlay of the year.	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.	ACR.	PER CENT.
PRODUCTIVE WORKS— <i>Irrigation</i> —cont.											
1	Nagaralli project	52,313	23,698	28,615	1.69	1.39	67,036	28,421	28,421	10,830	45.30
2	Godavari delta system	42,74,225	9,92,791	32,81,434	21.70	21.70	4,53,924	..	..	869,598	22.22
3	Kistna do.	37,11,499	8,20,288	28,91,211	17.59	17.59	6,31,993	..	..	658,246	22.10
4	Divi Pumping system	1,63,415	55,153	1,08,262	5.24	4.61	60,846	..	..	22,239	39.30
5	Pennér river canals system	6,28,127	1,05,864	5,22,263	7.75	7.75	1,97,878	..	..	93,110	16.78
6	Kurucol-Cuddapah canal	2,69,979	2,23,567	46,412	20	0.3	..	7,48,934	7,48,934	63,117	82.81
7	Bairat tank	20,570	6,767	13,783	3.11	1.82	14,565	..	..	12,701	32.99
8	Poincy anicut system	78,267	21,345	56,922	23.19	23.19	8,282	..	..	15,760	89.86
9	Cheygar do.	64,876	58,298	6,578	1.50	1.50	14,785	8,206	8,206	15,939	36.93
10	Tirukkoyilár anicut system	58,366	21,668	36,698	9.84	9.84	12,738	..	..	29,616	26.63
11	Swathatope do.	1,16,749	29,924	86,825	8.92	8.92	31,783	..	..	70,262	29.17
12	Lower Coleroon do.	3,07,610	89,743	2,17,867	11.22	11.22	64,691	1,52,536	31,618	..	..
13	Toludur project	..	..	..	..	..	3,018	..	..	..	..
14	Canvey delta system	10,06,208	1,84,021	8,16,187	18.69	18.69	1,44,724	6,71,403	..	200,162	18.4
15	Periyar system..	6,13,327	1,48,582	4,64,745	4.36	3.86	3,57,572	1,06,873	..	91,781	34.27
16	Srivakuntam anicut system	1,57,774	50,365	1,07,409	6.20	6.20	66,079	51,870	..	23,157	31.93
	Total, Productive Works	1,15,22,607	28,42,954	86,79,653	9.95	7.35	26,39,007	58,40,642	..	2,179,876	24.67
PROTECTIVE WORKS— <i>Irrigation</i> —cont.											
1	Rushikulya system	1,93,421	59,071	1,34,350	2.64	1.67	1,62,476	..	28,128	48,706	30.54
2	Bhavanasi project	..	..	..	..	..	6,969	..	6,969	..	..
3	Nopad project	..	..	..	..	..	60,469	..	60,469	..	..
4	Venkatapuram tank	..	..	..	..	..	12,379	..	12,379	..	..
	Total, Protective Works	1,93,421	59,071	1,34,350	1.76	1.21	2,42,293	..	1,07,843	48,706	30.54
	Grand total	1,17,16,028	29,02,025	88,14,003	9.29	6.83	30,81,300	57,32,703	..	2,228,642	24.77
MINOR IRRIGATION WORKS—cont.											
1	Ganjam minor rivers system	63,704	21,312	41,892	15.61	..	8,967	..	..	23,675	34.23
2	Muniyuru project	23,705	9,752	13,953	2.33	..	19,760	..	6,807	5,680	41.14
3	Peddunayudu tank of Chinnarowpalem	535	149	386	.61	..	2,157	..	1,771	129	27.85
4	Janganaheeravapuram tank	1,761	214	1,547	2.16	..	2,126	..	579	695	12.16
5	Atmakur tank	2,844	267	2,577	2.09	..	3,819	..	1,242	672	9.39
6	Dondapad tank	1,995	602	1,393	.99	..	4,334	..	2,341	499	30.13
7	Hajipuram tank	5,750	360	5,390	1.73	..	9,682	..	4,952	1,166	6.26

Note.—In the cases of items 8 to 12, 14 and 16 under class I works no entries have been made in column 6 (b) as information is not available.

C-II.—Statement showing the financial results of irrigation works for, and up to the end of, 1917-1918—cont.

General financial results to end of 1917-1918—cont.										
No.	Names of works.	Mileage in operation.		Estimated cost of construction (direct and indirect).	Date of completion of work (P.W.D. Code II, 1918).	Date when system first came into operation.	Total capital outlay (direct and indirect).	Accumulated arrears of interest.	Accumulated surplus revenues.	Total sum-at-charge (column 7 + column 9).
		Main canals and branches.	Distributaries.							
1	2	3	4	5	6 (a)	6 (b)	7	8	9	10
MINOR IRRIGATION WORKS—cont.										
8	Ponnalur tank	..	7	RS. 2,16,598	..	..	RS. 2,07,543	..	..	..
9	Anamasundram-Brappara tank	..	24	78,573	..	..	73,573	..	..	..
10	Xerur tank	..	..	63,353	..	..	63,353	..	..	..
11	Vanula tank	..	..	63,757	..	..	63,757	..	..	..
12	Sagileru tank	..	12	4,64,727	..	..	4,64,727	..	..	..
13	Talapalayanka tank	..	..	88,821	..	..	88,821	..	..	..
14	Combum tank	..	23	86,373	..	..	86,373	..	..	..
15	Markapur tank project	..	7½	1,20,658	..	..	1,20,658	..	..	..
16	Yellannur do.	..	..	2,65,800	..	..	2,64,052	..	..	..
17	Keebavvu do.	..	..	1,31,500	..	..	1,29,145	..	..	..
18	Siddapur do.	..	..	2,14,700	..	..	8,82,845	..	..	..
19	Nagararam anicut and supply channel	..	..	1,03,795	..	..	1,03,890	..	..	..
20	Arakonkta channel	..	24	1,50,682	..	..	1,44,445	..	..	..
21	Thadapalli do.	..	83	1,81,430	..	..	1,75,805	..	..	..
22	Kalingarayan channel	..	61	1,83,285	..	..	1,80,486	..	..	..
23	Kaniyampalayam anicut project	..	..	96,744	..	..	43,250	..	..	..
24	Palar anicut system	..	166	24,46,244	..	..	24,42,940	..	..	..
25	Vallura do.	..	139	76,201	..	..	70,616	..	..	..
26	Nairus water-supply and irrigation system	..	8	17,86,068	..	..	17,86,068	..	..	..
27	Chennamattam tank	..	11½	7,61,617	..	..	7,61,798	..	..	..
28	Mehamattur anicut system	..	15	72,658	..	..	72,658	..	..	..
29	Viddhachalam do.	..	33	86,685	..	..	86,685	..	..	..
30	Pelandora do.	..	26	6,90,523	..	..	6,70,394	..	..	..
31	Nandayar channel system	..	31½	66,715	..	..	66,715	..	..	..
32	Narudur anicut do.	..	29	51,806	..	..	51,806	..	..	..
33	Panjapatti reservoir	..	..	4,01,600	..	..	2,91,216	..	..	..
	Total	699½	488½	1,13,31,926	..	..	1,09,22,034	..	..	..
MINOR NAVIGATION WORKS.										
34	Chilka lake canal	..	8	31,027	..	..	31,027	..	..	..
35	Ganjam-Gopalpur canal	..	..	1,56,493	..	..	1,56,493	..	..	..
36	Buckingham canal	..	262	90,04,271	..	..	90,03,770	..	..	..
37	Vedaraniyan canal	..	31½	1,36,432	..	..	1,36,432	..	..	..
	Total	304½	..	93,61,223	..	..	93,31,722	..	..	..
	Grand Total	1,004	488½	2,06,99,149	..	..	2,02,53,756	..	..	..

Financial results of the year 1917-1918—cont.											
No.	Name of works.	Gross receipts (direct and indirect).	Working expenses (direct and indirect).	Net revenue.	Percentage on capital outlay, column 7.	Percentage on sum-at- charge, column 10.	Interest at 8-4730 per cent on direct capital outlay to end of previous year, plus half the outlay of the year.	Net profit.	Net loss.	Area irriga- ted.	Percentage of working expenses to receipts (column 11 to column 12).
		11	12	13	14	15	16	17	18	19	20
MINOR IRRIGATION WORKS—cont.											
8	Ponnalur tank ..	Rs. 4,759	273	Rs. 4,486	PER CENT. 2.16	..	Rs. 6,052	..	Rs. 1,666	1,183	PER CENT. 6.74
9	Anamasandram-Birapur tank ..	1,522	— 729	2,251	3.06	..	2,490	..	239	457	.. 5.00
10	Yerur tank ..	3,158	159	3,000	4.74	..	2,144	858	..	1,271	.. 29
11	Vamula tank ..	..	..	..	..	..	2,160	..	2,160	..	..
12	Sagileru tank ..	7,206	21	7,185	1.55	..	15,528	..	8,343	2,751	.. 29
13	Talupulavanka tank ..	..	..	..	..	..	2,302	..	2,302	..	..
14	Cumbam tank ..	24,017	2,742	21,275	24.63	..	2,317	18,358	..	2,784	11.42
15	Markapur tank project ..	5,440	3,768	1,672	1.39	..	4,051	..	2,379	1,236	69.27
16	Yellalur do. ..	..	..	..	..	..	7,734	..	7,734	..	..
17	Kocheruvu do. ..	..	..	..	..	..	4,069	..	4,069	..	..
18	Siddapur do. ..	..	..	..	..	..	28,359	..	28,359	..	..
19	Nagavaram anicut and supply channel ..	..	..	..	..	..	3,723	..	3,726	..	..
20	Arankota channel ..	20,293	6,390	13,903	9.63	..	4,889	9,014	..	2,483	31.49
21	Thadupalli do. ..	61,601	11,590	50,011	28.45	..	6,722	43,289	..	6,407	18.81
22	Kalingarayan channel ..	48,726	13,293	35,433	19.63	..	6,112	29,321	..	3,776	27.28
23	Kaniyampalayam anicut project ..	..	..	..	..	..	1,328	..	1,328	..	..
24	Palar anicut system ..	2,36,302	88,686	1,47,616	6.04	..	80,735	66,881	..	47,472	37.53
25	Valluru do. ..	3,422	2,090	1,332	1.89	..	2,299	..	..	1,367	61.07
26	Madras water-supply and irrigation system ..	47,641	7,438	40,203	2.25	..	53,723	..	13,520	4,631	15.61
27	Chembambakkam tank ..	54,484	11,277	43,207	5.75	..	22,201	21,006	..	3,922	20.69
28	Mehamattur anicut system ..	16,189	4,385	11,804	16.25	..	2,458	9,346	..	3,598	27.09
29	Vridhdachalam do. ..	24,830	11,793	13,037	15.04	..	2,924	10,113	..	6,137	47.49
30	Peludurai do. ..	44,800	32,697	11,603	1.73	..	21,420	..	9,817	10,122	73.80
31	Nandiyar channel system ..	5,101	— 687	5,788	8.81	..	2,168	3,620	..	1,617	.. 15.24
32	Narudur anicut do. ..	92,040	14,039	78,051	160.06	..	1,755	76,286	..	13,687	..
33	Panjapatti reservoir ..	..	..	..	..	..	9,247	..	9,247	..	..
	Total ..	8,01,375	2,42,380	5,58,995	5.12	..	3,19,358	2,09,637	..	152,807	30.25
MINOR NAVIGATION WORKS.											
34	Chilka lake canal ..	..	..	..	..	..	1,050	..	1,050	..	158.78
35	Ganjam-Gopalpur canal ..	118	185	.. 67	.. .04	..	4,970	..	5,037	..	..
36	Buckingham canal ..	78,798	1,42,328	63,525	.. .71	..	2,95,874	..	3,59,389	..	180.62
37	Vedaraniyam canal ..	62	8,673	7,951	5.83	..	4,609	..	12,560	..	1,378.29
	Total ..	79,533	1,51,081	71,543	.. .77	..	3,66,503	..	3,78,046	..	189.95
	Grand total ..	8,80,913	3,83,451	4,87,452	2.41	..	6,55,861	..	1,68,409	152,807	44.67

C. O. SWETENHAM,
Deputy Accountant-General.C-III—Demands and Realizations during the year 1917-1918 in the Madras Presidency.
“Major” (Productive and Protective) and “Ordinary Minor” works for which Capital and Revenue Accounts are kept.

Works or systems.	Balance of demands unrealized at commencement of the year.	Demand of the year.	Total.	Deduct remissions including cash refunds.	Net total.	Deduct amount unrealized at close of the year.	Actual total receipts of the year.	Deduct share due to old irrigation.	Net revenue due to improvements.
1	2	3	4	5	6	7	8	9	10
CLASS I.—MAJOR PRODUCTIVE WORKS.									
Nagavalli river system ..	..	90,344	90,344	631	89,713	..	89,713	37,400	52,313
Godavari delta system ..	..	44,89,240	44,89,240	91,015	43,98,225	..	43,98,225	1,24,000	42,74,225
Kistna do. ..	..	38,41,185	38,41,185	58,686	37,82,499	..	37,82,499	71,000	37,11,499
Devi pumping system ..	..	1,88,716	1,88,716	1	1,88,715	..	1,88,715	20,300	1,68,415
Pennar river canals system ..	..	8,87,646	8,87,646	3,619	8,84,027	..	8,84,027	2,56,000	6,28,027
Karnool-Cuddapah canal ..	..	3,12,143	3,12,143	6,292	3,05,851	..	3,05,851	35,872	2,69,979
Barar tank ..	..	25,140	25,140	70	25,070	..	25,070	4,500	20,570
Poncy anicut system ..	..	1,17,768	1,17,768	1,501	1,16,267	..	1,16,267	38,000	78,267
Chettyr do. ..	..	1,08,192	1,08,192	4,314	1,03,878	..	1,03,878	39,000	64,878
Tirakkoyil do. ..	..	1,18,701	1,18,701	35	1,18,666	..	1,18,666	60,000	58,666
Shattakope do. ..	..	1,36,778	1,36,778	27	1,36,751	..	1,36,751	20,000	1,16,751
Lower Coleroon anicut system ..	..	4,62,612	4,62,612	2	4,62,610	..	4,62,610	1,55,000	3,07,610
Toludur project ..	..	..	..	..	..	..	..	..	..
Oauvery delta system ..	..	44,05,525	44,05,525	6,317	44,00,208	..	44,00,208	34,000	10,00,208
Pennar system ..	..	8,39,125	8,39,125	21,798	8,17,327	..	8,17,327	2,04,000	6,13,327
Srivasthikuntam anicut system ..	..	2,37,875	2,37,875	1,101	2,36,774	..	2,36,774	79,000	1,57,774
Total ..	..	1,62,60,988	1,62,60,988	1,94,309	1,60,66,679	..	1,60,66,679	45,44,072	1,15,22,607
MAJOR PROTECTIVE WORKS.									
Rushikulya system ..	..	2,61,636	2,61,636	1,216	2,60,421	..	2,60,421	57,000	1,93,421
Bharanasi project ..	..	..	..	..	..	..	..	..	..
Mopad project ..	..	..	..	..	..	..	..	..	..
Venkatapuram tank project ..	..	..	..	..	..	..	..	..	..
Total ..	..	2,61,636	2,61,636	1,216	2,60,421	..	2,60,421	67,000	1,93,421
CLASS II.—MINOR WORKS AND NAVIGATION FOR WHICH CAPITAL AND REVENUE ACCOUNTS ARE KEPT.									
Ganjam minor rivers system ..	..	1,60,119	1,60,119	1,415	1,58,704	..	1,58,704	95,000	63,704
Maniyeru project ..	..	26,205	26,205	..	26,205	..	26,205	2,500	23,705
Peddinayudu tank of Chinnarowpalem ..	..	535	535	..	535	..	535	..	535
Jangamachewarapuram tank ..	..	2,764	2,764	493	2,261	..	2,261	500	1,761
Atmakur tank ..	..	2,844	2,844	..	2,844	..	2,844	..	2,844
Dondapad tank ..	..	1,995	1,995	..	1,995	..	1,995	..	1,995

C-III.—Demands and Realizations during the year 1917-1918 in the Madras Presidency—cont.
 "Major" (Productive and Protective) and "Ordinary Minor" works for which Capital and Revenue Accounts are kept—cont.

Works or systems.	1									
	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.	
	2	3	4	5	6	7	8	9	10	
CLASS II.—MINOR WORKS AND NAVIGATION, ETC.—cont.										
Hajipuram tank	..	Rs. 5,750	5,750	..	5,750	..	5,750	..	Rs. 5,750	
Ponnalur tank	..	6,341	6,341	..	6,341	..	4,759	..	4,759	
Anasamudram-Bhepera tank	..	5,122	5,122	..	5,122	..	5,122	..	5,122	
Yerur tank	..	3,739	3,739	..	3,739	..	3,683	..	3,683	
Vemula tank	..	25,022	25,022	..	25,022	..	25,000	..	7,206	
Talaplavanka tank	..	54,084	54,084	..	54,084	..	54,017	..	24,017	
Cumbum tank	..	7,570	7,570	..	7,570	..	7,570	..	5,440	
Marhapur tank	..	..	..	..	..	..	..	..	..	
Yellatur tank project	..	..	..	..	..	..	..	..	..	
Kooveru tank do.	..	..	..	..	..	..	..	..	..	
Siddapur tank do.	..	..	..	..	..	..	..	..	..	
Nagavaram anicut and supply channel	..	39,308	39,308	..	39,308	..	39,293	..	20,293	
Arankotta channel	..	1,37,605	1,37,605	..	1,37,605	..	1,37,601	..	61,601	
Thadapalli do.	..	1,33,756	1,33,756	..	1,33,756	..	1,33,726	..	48,726	
Kalingarayan channel	..	..	..	..	..	..	..	..	..	
Kaniyanpalayam anicut	..	3,63,450	3,63,450	..	3,63,450	..	3,61,302	..	2,36,302	
Palar anicut system	..	8,651	8,651	..	8,651	..	8,422	..	3,422	
Vallur do.	..	58,998	58,998	..	58,998	..	58,641	..	47,641	
Madras water-supply and irrigation system	..	70,621	70,621	..	70,621	..	70,484	..	54,484	
Chombambakam tank	..	20,189	20,189	..	20,189	..	20,189	..	16,189	
Mehamatur anicut system	..	33,330	33,330	..	33,330	..	33,330	..	24,830	
Vridhachalam do.	..	47,307	47,307	..	47,307	..	47,300	..	44,300	
Pekudurai do.	..	22,220	22,220	..	22,220	..	22,101	..	5,101	
Nandiyar channel system	..	2,07,601	2,07,601	..	2,07,601	..	2,07,090	..	92,090	
Marudur anicut system	..	..	..	..	..	..	..	..	..	
Panjapathi reservoir project	..	..	..	..	..	..	..	..	..	
NAVIGATION WORKS.										
Chilka lake canal	..	..	..	..	..	..	..	..	..	
Gzhan-Gopalpur canal	..	118	118	..	118	..	118	..	118	
Buckingham canal	..	79,239	79,239	..	79,239	..	78,798	..	78,798	
Vedaraniyam canal	..	632	632	..	632	..	622	..	622	
Total, Minor Works and Navigation	..	15,23,975	15,23,975	..	15,17,368	..	15,17,368	..	8,80,918	

R. SRINIVASA AYYAR,
 Deputy Accountant-General.

C-IV.—Statement showing the financial results of Irrigation and Navigation Works—Class I & Major" (Productive and Protective), and Class II "Minor Works and Navigation" for which Capital and Revenue Accounts are kept in the Madras Presidency for the year 1917-1918 based on assessment for the year.

Works or systems.	Revenue assessed during the year.															Net revenue of the year.		Percentage on capital outlay to end of year (improvements only).
	Direct revenue.						Indirect revenue, land revenue due to operations of canal.	Less refunds of revenue.	Grand total.	Deduct share due to old irrigation.	Working expenses.			Total.	Due to improvements.			
	Own-er's rate.	Plan-ta-tion.	Navi-gation.	Miscel-laneous.	Total.	Total revenue due to improve-ments.					Total charges (direct and indirect).	Deduct old maintenance and charges.	Total working expenses on improvements.					
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	
CLASS I.—MAJOR PRODUCTIVE WORKS.																		
Nagavalli river system ..	Rs. 15,58,910	..	..	..	1,442	1,442	88,291	20	89,713	37,400	52,313	29,902	3,204	23,698	59,811	28,615	1-69	
Gedavari delta system ..	1,61,18,511	..	..	..	27,373	1,37,075	42,61,421	271	43,88,225	1,24,000	42,74,226	10,01,291	8,500	9,92,791	33,46,334	32,81,434	21-70	
Kistna do. ..	1,54,37,332	..	..	..	25,202	1,22,616	36,60,041	188	37,82,499	71,000	37,11,499	8,25,188	4,900	8,20,288	29,57,811	28,01,211	17-69	
Divi pumping system ..	19,50,147	..	..	..	1,447	1,452	1,87,264	1	1,88,715	20,300	1,68,415	82,930	16,737	66,183	1,95,756	1,02,232	5-24	
Pennar river canals system ..	57,14,985	..	..	..	2,489	2,489	8,81,638	..	8,84,127	35,000	8,49,127	1,59,876	54,492	1,05,384	7,24,251	5,22,743	7-79	
Kurnool-Cuddapah canal ..	2,29,84,688	..	..	..	11,351	13,459	2,93,936	1,184	3,05,851	35,872	2,69,979	1,29,777	6,220	2,23,657	6,074	46,122	2-20	
Barur tank ..	4,43,113	..	..	..	1,221	1,221	23,846	..	25,067	4,500	20,567	7,095	308	6,787	17,875	13,783	3-11	
Poyney anicut system ..	2,45,488	..	..	..	410	410	1,15,857	..	1,16,267	38,000	78,267	27,880	6,535	21,345	88,387	56,922	23-19	
Cheyay do. ..	4,37,459	..	..	..	345	345	1,03,632	..	1,03,878	30,000	64,878	63,006	6,768	58,298	38,872	6,680	1-50	
Thirukkoyilur do. ..	3,75,948	..	..	..	263	2,281	1,48,385	..	1,48,668	80,000	58,668	31,936	10,318	21,668	86,650	36,658	9-84	
Shatnappe do. ..	9,72,615	..	..	..	73	816	1,35,935	..	1,36,749	20,000	1,16,749	33,364	3,440	20,924	1,03,385	86,825	8-92	
Lower Coleroon anicut system ..	19,40,856	..	..	..	576	4,818	4,57,792	..	4,58,338	1,55,000	3,03,338	1,09,518	19,775	89,743	3,53,092	2,17,867	11-22	
Toludur project ..	11,41,199	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	
Canvey delta system ..	43,90,355	..	..	..	7,289	12,169	43,88,053	14	44,00,208	34,000	43,66,208	5,49,709	3,65,688	1,84,021	38,50,429	8,1,187	18-59	
Pennar system ..	1,06,63,906	..	..	..	364	10,352	8,07,024	49	8,17,327	2,04,000	6,13,327	1,95,407	46,585	1,48,382	6,21,860	4,64,445	4-36	
Srivaikuntam anicut system ..	17,32,251	..	..	..	..	5,679	2,31,095	..	2,36,774	79,000	1,57,774	62,790	12,405	50,385	1,73,984	1,07,389	6-20	
Total ..	8,72,37,656	..	37,128	1,85,818	98,749	3,16,695	1,57,51,713	1,729	1,60,66,679	45,44,072	1,15,22,607	34,11,769	6,68,815	28,42,954	1,26,54,910	86,79,653	9-95	
MAJOR PROTECTIVE WORKS.																		
Rusikulya system ..	50,95,333	..	163	..	2,216	2,379	2,58,042	..	2,60,421	67,000	1,93,421	66,106	7,035	59,071	1,24,315	1,34,350	2-64	
Bhavani tank project ..	2,32,227	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	
Mopad project ..	19,23,203	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	
Venkatapuram tank project ..	3,79,202	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	
Total ..	76,29,955	..	163	..	2,216	2,379	2,58,042	..	2,60,421	67,000	1,93,421	66,106	7,035	59,071	1,24,315	1,34,350	1-76	

C.IV.—Statement showing the financial results of Irrigation and Navigation Works—Class I "Major" (Productive and Protective), and Class II "Minor Works and Navigation" for which Capital and Revenue Accounts are kept in the Madras Presidency for the year 1917-1918 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, land revenue due to operations of canal.	Less refunds of revenue.	Grand total.	Deduct share due to old irrigation.	Working expenses.				Total.		Due to improvements.			
	Own-er's rate.	Plan-tation.	Navi-gation.	Miscel-laneous.					Total.	Total revenue due to improve-ments.	Total charges (direct and indirect).	Deduct old maintenance charges.				Total working expenses on improve-ments.		
					3	4											5	6	7	8	9	10	11	12	13	14	15	16	17	18
CLASS II.—MINOR WORKS AND NAVIGATION—WORKS FOR WHICH CAPITAL AND REVENUE ACCOUNTS ARE KEPT.																		
Ganjam minor rivets system ..	2,68,355	..	..	..	182	182	1,68,622	..	1,58,704	95,000	63,704	27,678	5,866	21,812	1,31,026	41,892	15.61	
Maniyeru project ..	5,98,602	..	..	..	795	795	25,410	..	26,205	2,400	23,705	10,032	260	9,752	16,178	13,953	2.33	
Peddabayadu tank of Chinnarapalem.	63,495	..	..	..	..	..	635	..	635	..	635	149	..	149	386	..	.61	
Jangamabeswarapuram tank ..	71,684	..	..	..	..	..	2,261	..	2,261	500	1,761	214	..	214	2,047	1,647	2.16	
Atmakur tank ..	1,23,379	..	..	..	..	..	2,844	..	2,844	267	2,577	267	..	267	2,577	2,277	2.09	
Dondapud tank ..	1,40,004	..	..	..	2	2	1,995	..	1,995	602	1,393	602	..	602	1,393	1,393	.99	
Hajipuram tank ..	3,11,883	..	..	..	1,140	1,140	4,610	..	6,750	..	5,750	369	..	369	5,380	5,380	1.73	
Pondalur tank ..	2,07,543	..	..	..	..	..	4,759	..	4,759	..	4,759	273	..	273	4,486	4,486	2.15	
Anamasamudram-Biraperu tank.	73,573	..	..	..	32	32	5,000	..	5,122	3,000	1,522	77	..	806	5,046	2,551	3.06	
Yerru tank ..	63,353	..	..	..	..	..	3,553	..	3,553	425	3,128	158	..	158	3,426	3,000	4.74	
Vemula tank ..	63,757	..	..	..	..	..	24,952	..	25,006	17,500	7,506	2,772	2,754	..	22,231	7,185	1.55	
Sagilur tank ..	4,64,727	..	..	..	27	27	54,017	..	54,017	30,000	24,017	3,741	959	2,742	50,278	21,275	24.63	
Talaphavanka tank ..	86,373	..	..	..	..	..	7,558	..	7,570	2,130	5,440	4,073	366	3,768	3,497	1,672	1.39	
Cumbum tank ..	1,20,558	..	..	..	12	12	..	..	..	..	..	..	..	..	..	..	..	
Markapur tank ..	2,54,062	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	
Yellatur tank ..	1,29,145	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	
Kocheruvu tank ..	8,62,845	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	
Siddapur tank ..	1,09,890	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	
Nagavaram anicut and supply channel.	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	
Arunkota channel ..	1,44,445	..	..	..	223	223	39,085	15	39,293	19,000	20,293	7,510	1,125	6,380	31,778	13,903	9.63	
Thadapalli do. ..	1,76,805	..	..	..	820	820	1,36,785	4	1,37,601	76,000	61,601	16,087	4,497	11,580	1,21,514	50,011	28.46	
Kalingarayan do. ..	1,80,486	..	..	..	5,811	5,811	1,27,915	..	1,33,726	85,000	48,726	19,328	..	13,253	1,15,403	36,433	19.63	
Kanayampalayam anicut ..	48,250	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	
Palar anicut system ..	24,42,940	..	..	..	2,404	3,433	3,57,859	..	3,61,302	1,25,000	2,36,302	92,534	3,848	88,686	2,48,768	1,47,616	6.04	
Vallura do. ..	70,516	..	..	..	57	114	8,308	..	8,422	5,000	3,422	3,731	1,641	2,090	4,691	1,332	1.89	

APPENDIX I.

C.IV.—Statement showing the financial results of Irrigation and Navigation Works—Class I "Major" (Productive and Protective), and Class II "Minor Works and Navigation" for which Capital and Revenue Accounts are kept in the Madras Presidency for the year 1917-1918 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, land revenue due to operations of canal.	Less refunds of revenue.	Grand total.	Deduct share due to old irrigation.	Total revenue due to improvements.	Working expenses.			Total.		Due to improvements.			
	Own-er's rate.	Plan-tation.	Navi-gation.	Miscel-laneous.						Total.	Total charges (direct and indirect).	Deduct old maintenance charges.				Total working expenses on improvements.		
					3	4	5	6	7				8		9		10	11	12	13	14	15	16	17	18
CLAS II.—MINOR WORKS AND NAVIGATION—WORKS FOR WHICH CAPITAL AND REVENUE ACCOUNTS ARE KEPT—cont.																		
Madras Water-supply and Irrigation system	17,86,663	88	..	..	30,164	30,252	28,390	1	58,641	11,000	47,641	12,179	4,741	7,438	46,462	43,203	2.25	
Chembramtakam tank	7,51,788	..	..	..	54	54	70,430	..	70,484	16,000	54,484	18,055	6,808	11,277	52,399	43,207	6.75	
Mechamattur anicut system	72,658	119	..	..	5	124	20,055	..	20,189	4,000	16,189	5,187	802	4,386	16,002	11,804	16.25	
Vridhachalam anicut system	86,685	210	..	..	4	214	33,116	..	33,350	8,000	24,350	11,789	..	11,793	21,537	13,037	15.04	
Relandorni do.	6,70,394	646	..	..	773	1,418	45,887	..	47,300	3,000	44,300	32,845	148	32,997	14,456	11,603	1.73	
Nandiyar channel system	65,715	2	..	..	448	450	21,651	..	22,101	17,000	5,101	3,355	4,042	687	18,716	5,788	8.51	
Marudur anicut system	51,806	..	..	..	1,090	1,090	2,06,000	..	2,07,090	1,16,000	92,090	19,563	5,924	14,039	1,57,127	78,051	140.06	
Panjapatti reservoir	2,91,216	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	
NAVIGATION WORKS.																		
Chilka lake canal	31,027	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	
Ganjam-Gopalpur canal	1,55,493	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	
Buckingham do.	90,58,770	612	76,626	..	3,001	79,239	..	..	78,798	..	78,798	1,42,323	..	1,42,323	63,625	63,625	.71	
Vedaramani do.	1,36,432	13	605	..	4	622	..	..	622	..	622	8,578	..	8,578	7,951	7,951	5.83	
Total, Minor Works and Navigation	2,02,53,756	2,898	76,291	47,060	1,26,189	13,91,646	460	15,17,368	6,36,455	8,80,913	4,43,077	49,616	3,93,461	10,71,291	4,87,452	2.41	..	

R. SRINIVASA AYYAR,
Deputy Accountant-General.

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NOTE.—(1) The figures as regards tonnage, ton-mileage and estimated value of cargoes are merely approximations.
(2) The primary object of the Godavari and Krishna canals is irrigation, from which there is a large revenue besides that here shown as due to navigation.
(3) Figures for the Chilka lake canal are not available.

D-II.--Description and quantities of goods, etc., carried on the principal canals in the Madras Presidency during the year 1917-1918.

D-II.--Description and quantities of goods, etc., carried on the principal canals in the Madras Presidency during the year 1917-1918.

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Kurnool-Cuddapah canal.										Buckingham Canal.										
Description.	Total, Government and Private.					Private.					Total, Government and Private.					Private.				
	Quantity, tons.				Value.	Quantity.				Value.	Quantity, tons.				Value.	Quantity.				
	Up.	Down.	Total.	Tons.		Tons.	Up.	Down.	Total.		Tons.	Total.								
	14	15	16	17	Rs.	18	19	20	21	22	23	24	25	Rs.	26	27	28	29	30	
Boat Traffic.																				
Cotton, raw and manufactured	..	..	..	25,920	..	..	25,920	8	2	10	38,807	10	38,807	..	..	..	..	..	..	
Woolen goods do.	..	..	..	71,312	..	..	71,312	..	5	5	12,740	5	12,740	..	..	..	..	..	..	
Dyes and tans	186	330 1/2	516 1/2	43,863	516 1/2	..	43,863	16,445	17	16,445	19,89,150	16,462	19,89,150	..	..	..	..	..	..	
Rice and paddy	242 1/2	329 1/2	571 1/2	..	571 1/2	..	..	680	12	692	66,744	692	66,744	..	..	..	..	..	..	
Other food-grains	..	..	..	..	..	..	..	15	1	16	26,781	16	26,781	..	..	..	..	..	..	
Hides and skins	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	
Liquors	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	
Metals	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	
Oil	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	
Oil-seeds	10	52 1/2	62 1/2	11,965	..	..	11,965	..	21	64	1,15,776	..	1,15,776	..	..	..	..	..	..	
Onions	..	..	..	..	..	..	..	..	162	192	72,912	..	72,912	..	..	..	..	..	..	
Provisions	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	
Salt	11 1/2	120	131 1/2	8,308	131 1/2	..	8,308	1,035	1,162	2,228	19,00,484	..	19,00,484	..	..	..	..	..	..	
Skins	1 1/2	23	24 1/2	4,526	24 1/2	..	4,526	18,800	21	18,821	11,95,723	..	11,95,723	..	..	..	..	..	..	
Sugar and jaggery	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	
Tobacco	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	
Building materials	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	
Miscellaneous goods	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	
Timber	14	111 1/2	125 1/2	8,785	..	..	8,785	40,320	242	40,562	16,63,042	..	16,63,042	..	..	..	..	..	..	
Firewood	450	190	640	7,880	340	..	7,880	1,274	389	1,663	1,94,671	..	1,94,671	..	..	..	..	..	..	
Bamboos	238	12	250	9,000	250	..	9,000	39,792	361	42,237	10,77,540	..	10,77,540	..	..	..	..	..	..	
Coal and coke	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	
Casuarina posts	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	
Jute	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	
Indigo seeds	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	
Skins	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	
Treasure	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	
Cloth	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	
Kerosine-oil	23 1/2	2	25 1/2	12,300	25 1/2	..	12,300	..	..	..	..	..	..	..	..	..	..	..	..	
Turnerio	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	
Cotton seeds	17 1/2	9 1/2	27 1/2	2,453	27 1/2	..	2,453	..	..	..	..	..	..	..	..	..	..	..	..	
Other grains	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	
Iron bars	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	
Ground-nuts	10	329	339	28,815	339	..	28,815	..	..	..	..	..	..	..	..	..	..	..	..	
Total, Boat Traffic	1,204 1/2	1,521 1/2	2,726	2,37,937	2,694	..	2,37,937	169,035	2,457	171,522	84,27,206	171,522	84,27,206	..	..	..	..	..	..	
Raft Traffic.																				
Timber in logs	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	
Squared timber	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	
Sleepers, broad gauge	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	
Do, metre gauge	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	
Scantlings	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	
Foies	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	
Firewood	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	
Bamboos	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	
Total, Raft Traffic	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	
Grand Total	1,204 1/2	1,521 1/2	2,726	2,37,937	2,694	..	2,37,937	169,035	2,457	171,522	84,27,206	171,522	84,27,206	..	..	..	..	..	84,27,206	

Description.	Chilka lake canal.						Dumagudem canal.						Vedarammiam canal.					
	Total, Government and Private.			Private.			Total, Government and Private.			Private.			Total, Government and Private.			Private.		
	Quantity, tons.		Value.	Quantity.		Value.	Quantity, tons.		Value.	Quantity.		Value.	Quantity, tons.		Value.	Quantity.		Value.
	Up.	Down.		Total.	Tons.		Up.	Down.		Total.	Tons.		Up.	Down.		Total.	Tons.	
	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43
Boat Traffic.																		
Cotton, raw and manufactured.	..	..	..	..	..	22½	..	22½	Rs. 89,161	22½	Rs. 89,161	10	..	10	Rs. 6,570	19	Rs. 5,670	
Woolen goods	..	..	..	..	..	..	203	..	5,85,452	..	5,85,452	7	..	7	20,168	7	20,168	
Dyes and tans	..	..	..	..	..	248½	..	248½	34,293	248½	34,293	529	..	529	1,12,987	932	1,12,987	
Rice and paddy	..	..	..	..	..	41½	157	208½	17,897	208½	17,897	..	..	..	20,172	246	20,172	
Other food-grains	..	..	..	..	..	..	8½	..	12,036	8½	12,036	..	..	..	..	..	..	
Hides and skins	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	
Liquors	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	
Metals	..	..	..	..	..	5	..	..	1,590	5	1,590	..	..	..	..	..	..	
Oils	..	..	..	..	..	30½	4½	35	24,710	35	24,710	..	..	..	..	..	..	
Oil-seeds	..	..	..	..	..	9½	9½	18½	1,814	9½	1,814	492	237	729	1,99,239	729	1,99,239	
Provisions	..	..	..	..	..	45½	16	60½	51,606	60½	51,606	5	174	179	1,62,687	179	1,62,687	
Salt	..	..	..	..	..	516	..	516	32,508	516	32,508	3,392	28	3,390	211,680	3,390	211,680	
Spices	..	..	..	..	..	..	..	..	..	..	..	77	746	822	9,79,092	822	9,79,092	
Sugar and jaggery	..	..	..	..	..	21½	..	21½	3,958	21½	3,958	..	..	..	343	343	86,381	
Tobacco	..	..	..	..	..	402	402	402	1,42,710	402	1,42,710	1,068	5	1,073	3,40,915	1,073	3,40,915	
Building materials	..	..	..	..	..	13	59	72	1,079	13	1,079	16	183	199	25,416	199	25,416	
Miscellaneous goods	..	..	..	..	..	53½	..	53½	15,810	154½	15,810	680	2,655	3,235	1,43,823	3,235	1,43,823	
Timber	..	..	..	..	..	271½	..	271½	31,765	271½	31,765	69	3	72	8,424	72	8,424	
Firewood	..	..	..	..	..	..	..	..	..	..	..	2,489	12	2,501	30,012	2,501	30,012	
Bamboo	..	..	..	..	..	..	..	..	..	..	..	..	9	9	324	9	324	
Coal and coke	..	..	..	..	..	103½	103½	103½	41,296½	103½	41,296½	..	..	..	..	..	..	
Jute	..	..	..	..	..	..	..	..	..	..	..	..	124	124	87,644	124	87,644	
Kerosine oil	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	
Treasure	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	
Poles	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	
Scantlings	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	
Cotton seeds	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	
Total, Boat Traffic																		
	..	..	..	..	..	1,039½	1,343½	2,383	10,96,874½	2,283	10,96,874½	8,773	5,087	13,860	24,03,397	13,860	24,03,397	
Raft Traffic.																		
Timber in logs	..	..	..	..	..	..	4,722	4,722	7,31,910	4,722	7,31,910	..	..	..	..	..	..	
Squared timber	..	..	..	..	..	..	1,823	1,823	3,35,432	1,823	3,35,432	..	..	..	..	..	..	
Strepets, broad gauge	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	
Do. metre gauge	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	
Do. scantlings	..	..	..	..	..	..	3,253	3,253	5,95,399	3,253	5,95,399	..	..	..	..	..	..	
Poles	..	..	..	..	..	..	3,075	3,075	2,27,550	3,075	2,27,550	..	..	..	..	..	..	
Firewood	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	
Bamboo	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	
Total, Raft Traffic																		
	..	..	..	..	..	1,039½	14,116½	12,873	18,90,191	12,873	18,90,191	8,773	5,087	13,860	24,03,397	13,860	24,03,397	
Grand Total																		
	..	..	..	..	..	1,039½	14,116½	15,156	23,77,083½	15,156	23,77,083½	8,773	5,087	13,860	24,03,397	13,860	24,03,397	

NOTE.—The figures for the Chilka lake canal are not available.

W. J. J. HOWLEY,
Chief Engineer for Irrigation.

E-1.—Statement of areas irrigated under Major (Productive) Works and Minor Works for which Capital and Revenue Accounts are kept in the Madras Presidency during the year 1917-1918—cont.

	First crop.	Second crop.
Godavari delta ..	.. 1st June to 30th Nov.	.. 1st Jan. to 30th April.
Kistna delta and Divi Pumping project..	Do.	Do.
Fenner river canals ..	.. let July to 31st Dec.	.. let Jan. to 31st March.
Karnool-Cuddapah canal ..	.. let June to 30th Nov.	.. let 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 Kistna 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 :—

	First crop.	Second crop.
Godavari delta, Eastern Section ..	.. 1st June to 30th November.	.. 1st June to 30th November.
Do. Central ..	.. 17th May to 30th November.	.. 1st July to 31st December.
Do. Western ..	.. 1st June to 30th November.	.. 1st July to 31st December.

The areas entered in column 1, 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.

W. J. J. HOWLEY,
Chief Engineer for Irrigation.

E-II.—Statement showing incidence of working expenses and assessed water revenue on irrigation systems for which capital and revenue accounts are kept in the Madras Presidency during 1917-1918.

Name of canal.	Average discharge of the year at canal head in cubic feet per second.	Water-rate assessed, 1917-18.				Gross assessed revenue from all sources.	Working expenses, direct and indirect.	Area charged as irrigated during the year 1917-18, first and second crops.	Working expenses.				Occupiers' rate.		Total water-rate, direct and indirect.	
		Occupiers.	Owners.	Total, direct.	Indirect.	Total of direct and indirect.			Per cent on gross revenue.	Per acre irrigated.	Per cubic foot discharged at canal head.	Per acre irrigated.	Per acre irrigated.	Per cubic foot discharged at canal head.	Per acre irrigated.	Per cubic foot discharged at canal head.
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17
CLASS I WORKS.																
<i>Produce.</i>																
Nagavalli river system ..	..	..	..	87,198	1,093	88,291	89,733	29,902	25,430	33-82	1-13	..	..	..	3-24	..
Godavari delta system ..	8,461	..	..	40,69,416	1,92,005	42,61,421	43,99,486	10,01,291	10,95,748	22-76	0-98	117	..	..	4-15	604
Kistna do. ..	..	..	..	35,26,197	1,34,844	36,60,041	37,82,987	8,25,188	7,28,956	21-81	1-13	..	..	..	5-02	..
Divi pumping system ..	..	..	..	1,65,108	22,156	1,87,264	1,88,716	82,920	32,193	43-84	2-58	..	..	..	5-83	..
Pennar river canal system ..	..	..	..	8,21,978	59,660	8,81,638	8,84,127	1,59,576	1,93,240	18-08	0-83	..	..	..	4-56	..
Kurnool-Cuddapah canal ..	..	..	..	2,91,703	1,833	2,93,536	3,07,035	2,29,777	71,222	74-84	3-23	..	..	..	4-12	..
Barur tank ..	..	..	..	23,391	458	23,849	25,070	7,095	5,338	28-30	1-33	..	..	..	4-47	..
Poincey ancient system ..	..	..	..	1,10,406	6,451	1,15,957	1,16,267	27,380	30,751	28-98	0-91	..	..	..	3-77	..
Cheygar do. ..	..	..	..	1,00,218	3,314	1,03,532	1,08,878	65,006	32,350	62-53	2-01	..	..	..	3-20	..
Tirukkoyilar ancient system ..	..	..	..	1,13,023	2,362	1,15,385	1,18,666	31,986	32,039	26-62	1-00	..	..	..	3-03	..
Shattatope do. ..	..	..	..	1,20,726	16,209	1,35,935	1,35,751	33,364	36,775	24-40	0-91	..	..	..	3-70	..
Lower Coleroon do. ..	..	..	..	4,06,282	51,510	4,57,792	4,62,010	1,09,518	1,15,192	23-07	0-95	98	..	..	3-97	..
Canvey delta system ..	5,589	..	..	42,09,981	1,18,072	43,88,053	44,00,222	5,49,709	9,79,582	12-49	0-56	..	..	..	4-48	785
Petiyar system ..	..	..	..	7,64,229	42,795	8,07,024	8,17,376	1,95,467	1,73,481	23-91	1-13	..	..	..	4-65	..
Sivakuntam ancient system ..	..	..	..	2,29,605	1,490	2,31,095	2,36,774	62,790	43,587	26-52	1-44	..	..	..	5-30	..
<i>Produce.</i>																
Rushikulya system ..	..	..	..	2,53,587	4,455	2,58,042	2,66,421	66,106	1,06,866	21-54	0-62	..	..	..	2-41	..
CLASS II WORKS.																
<i>Produce.</i>																
Gaujam minor rivers system ..	..	..	..	1,51,198	7,324	1,58,522	1,58,704	27,678	74,935	17-44	0-37	..	..	..	2-12	..
Muniyaru project ..	..	..	..	25,350	60	25,410	26,205	10,032	6,280	38-28	1-60	..	..	..	4-06	..
Peddanaidu tank ..	..	..	..	555	..	555	535	149	129	27-85	1-16	..	..	..	4-15	..
Jangamahevarapuram tank ..	..	..	..	2,231	..	2,231	2,261	214	852	9-46	0-25	..	..	..	2-55	..
Atmakur tank ..	..	..	..	2,844	..	2,844	2,844	267	672	9-33	0-40	..	..	..	4-23	..

E-II.—Statement showing incidence of working expenses and assessed water revenue on irrigation systems for which capital and revenue accounts are kept in the Madras Presidency during 1917-1918—cont.

Name of canal.	Average discharge of the year at canal head in cubic feet per second.	Water-rate assessed, 1917-18.				Gross assessed revenue from all sources.	Working expenses, direct and indirect.	Area charged as irrigated during the year 1917-18, first and second crops.	Working expenses.				Occupiers' rate.		Total water-rate, direct and indirect.	
		Occupiers.	Owners.	Total, direct.	Indirect.	Total of direct and indirect.			Per cent on gross revenue.	Per acre irrigated.	Per cubic foot discharged at canal head.	Per acre irrigated.	Per acre irrigated.	Per cubic foot discharged at canal head.	Per acre irrigated.	Per cubic foot discharged at canal head.
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17
CLASS II WORKS—cont.																
Dondapad tank ..	..	..	..	1,990	3	1,993	1,995	602	499	30-18	1-21	..	..	..	3-99	..
Hajipuram tank ..	..	..	..	4,525	15	4,540	5,750	360	1,165	6-26	0-31	..	..	..	3-95	..
Ponnalur tank ..	..	..	..	4,759	..	4,759	4,759	273	1,183	5-74	0-23	..	..	..	4-02	..
Anamasandram-Berupur tank ..	..	..	..	5,089	1	5,090	5,122	77	1,437	1-50	0-05	..	..	..	3-54	..
Yerur tank ..	..	..	..	3,519	64	3,583	3,583	158	1,853	4-41	0-12	..	..	..	2-55	..
Sagilera system ..	..	..	..	24,958	4	24,962	25,006	2,775	7,351	11-10	0-38	..	..	..	3-40	..
Cumbem tank ..	..	..	..	53,556	451	54,017	54,017	3,741	10,394	6-93	0-36	..	..	..	5-21	..
Marakapur tank ..	..	..	..	7,557	1	7,558	7,570	4,073	1,735	5-380	2-35	..	..	..	4-35	..
Aranketa channel ..	190	..	..	35,575	410	39,085	39,308	7,515	5,223	19-12	1-44	39-5	..	..	7-48	206
Thadapalli do. ..	392	..	..	1,33,885	2,900	1,36,785	1,37,605	18,087	16,567	11-69	0-97	41-4	..	..	8-26	349
Kalingarayan do. ..	679	..	..	1,27,432	483	1,27,915	1,33,726	18,323	20,426	13-70	0-90	27-0	..	..	6-26	199
Palar ancient system ..	..	..	..	3,41,136	16,733	3,57,869	3,61,802	92,534	1,17,432	25-61	0-79	..	..	..	3-05	..
Vallur do. ..	..	..	..	7,234	1,074	8,308	8,422	3,731	5,397	44-30	0-09	..	..	..	1-54	..
Madras water-supply and irrigation system.	..	..	..	27,928	492	28,390	58,642	12,179	11,041	20-77	1-10	..	..	..	2-57	..
Chembambakam tank ..	..	..	..	69,522	908	70,430	70,484	18,065	21,852	25-66	0-83	..	..	..	3-22	..
Mehamattur ancient system ..	..	..	..	20,014	51	20,065	20,189	5,187	4,588	25-69	1-13	..	..	..	4-37	..
Vridhbachalam do. ..	..	..	..	32,822	294	33,116	33,330	11,733	8,667	35-38	1-38	..	..	..	3-87	..
Pelandurai do. ..	..	..	..	45,811	76	45,887	47,305	32,845	12,242	69-43	2-07	..	..	..	3-75	..
Nandiyar channel system ..	..	..	..	21,597	54	21,651	22,101	3,355	7,867	15-18	0-43	..	..	..	2-75	..
Marudur ancient system ..	..	..	..	2,05,730	270	2,06,000	2,07,090	19,963	31,287	9-54	0-64	..	..	..	6-58	..

W. J. J. HOWLEY,
Chief Engineer for Irrigation.

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

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>Class I works.</i>							
1. Vizagapatam ..	Nagavalli river project ..	ACS. 19,722	ACS. 144	ACS. 6,231	AUS. 8	ACS. 26,105	ACS. 225
2. Godavari ..	Godavari delta system ..	337,031	3,415	108,004	2,779	451,229	7,295
Kistna ..	Do. ..	878,934	7,831	158,858	3,078	648,701	3,060
	Total ..	715,965	11,246	266,862	5,857	999,980	10,355
3. Kistna ..	Kistna delta system ..	400,753	5,147	4,102	161	410,163	295
Guntur ..	Do. ..	300,230	2,200	1,261	42	303,733	2,385
	Total ..	700,983	7,347	5,363	203	713,896	2,680
4. Kistna ..	Divi pumping system ..	32,096	15	..	..	32,111	..
5. Nellore ..	Pennar river canal system ..	143,333	2,617	40,353	193	186,496	274
6. Kurnool ..	Kurnool-Cuddapah canal ..	27,253	58	6,374	148	33,833	531
Cuddapah ..	Do. ..	23,954	676	4,572	65	29,267	851
	Total ..	51,207	734	10,946	213	63,100	1,382
7. Cuddapah ..	Chepad channel ..	5,036	..	887	..	5,923	7
	Total of Kurnool-Cuddapah canal and Chepad channel ..	56,243	734	11,833	213	69,023	1,389
8. Salem ..	Barur tank ..	3,505	21	1,579	5	5,110	255
9. North Arcot ..	Poincy anicut system ..	19,902	699	6,367	82	27,050	130
Chittoor ..	Do. ..	1,475	17	610	4	2,106	7
	Total ..	21,377	716	6,977	86	29,156	137
10. Chingleput ..	Cheyyar anicut system ..	392	..	93	..	485	..
North Arcot ..	Do. ..	18,673	518	11,107	280	30,578	93
	Total ..	19,065	518	11,200	280	31,063	93
11. South Arcot ..	Tirakkoyilar anicut system ..	24,855	1,118	5,031	132	31,136	424
12. South Arcot ..	Shattatope anicut system ..	29,477	632	5,166	171	35,446	2,268
13. South Arcot ..	Lower Coleroon anicut system ..	83,927	964	4,140	186	89,217	604
Tanjore ..	Do. ..	22,799	735	478	205	24,217	245
	Total ..	106,726	1,699	4,618	391	113,434	849
14. Trichinopoly ..	Cauvery delta system ..	42,760	2,384	16,154	1,211	62,518	2,422
Tanjore ..	Do. ..	792,478	27,667	65,296	3,414	888,855	14,118
	Total ..	835,247	30,051	81,450	4,625	951,373	16,540
15. Madura ..	Periyar system ..	125,068	624	44,513	222	170,427	1,921
16. Tinnevely ..	Srivaikuntam anicut system ..	22,259	603	17,737	574	41,173	717
17. Ganjam ..	Rushikulya system ..	101,666	1,790	1,310	441	105,207	434
	Total class I works ..	2,957,587	59,875	510,223	13,401	3,541,086	38,556
<i>Class II works.</i>							
1. Ganjam ..	Ganjam minor rivers system ..	59,791	1,717	9,781	2,450	73,739	217
2. Kistna ..	Muniyera project ..	6,228	24	16	3	6,271	..
3. Do. ..	Peddana yudu tank of Chinnarowpalem ..	129	..	..	..	129	..
4. Guntur ..	Jangamaheswarapuram tank ..	874	6	66	1	747	..
5. Do. ..	Atmakur tank ..	586	3	1	..	590	..
6. Do. ..	Dondapad tank ..	403	..	95	..	499	..
7. Nellore ..	Hajipuram tank ..	614	..	487	..	1,101	..
8. Do. ..	Ponnalur tank ..	760	..	376	..	1,136	..
9. Do. ..	Anamasamudram Bira-peru tank ..	944	8	438	..	1,390	2
10. Do. ..	Erur tank ..	1,069	39	1	..	1,109	..
11. Cuddapah ..	Sagileru system ..	4,262	12	2,994	..	7,268	113
12. Kurnool ..	Cumbum tank ..	5,449	78	4,240	483	10,250	1,293
13. Do. ..	Markapur tank ..	1,094	3	609	1	1,707	1

I and II works and the value of crops raised thereon for fasli 1327 (1917-18).

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.
21,362	15,64,843	344	9,242	4,399	48,964	26,105	16,23,049
404,340	3,19,80,703	1,929	54,073	44,478	11,81,532	450,747	3,32,16,308
507,901	2,89,94,649	388	19,438	39,895	6,98,332	648,184	2,97,12,419
912,241	6,09,75,352	2,317	73,511	84,373	18,79,864	998,931	6,29,28,727
407,780	2,76,99,349	1,026	52,376	1,354	35,890	410,160	2,77,87,615
299,423	2,19,02,454	571	23,768	3,713	3,76,400	303,712	2,23,02,612
707,208	4,96,01,803	1,597	76,134	5,067	4,12,290	713,672	5,00,90,227
32,093	20,59,445	..	..	11	31	32,104	20,59,476
173,250	90,49,586	1,651	85,660	11,583	1,39,288	186,484	92,74,534
20,848	14,44,121	51	3,338	12,934	2,23,354	33,833	16,70,848
13,710	10,71,138	5,891	3,76,913	9,639	3,22,340	29,240	17,70,391
34,558	25,15,259	5,942	3,80,281	22,573	5,45,694	63,073	34,41,234
4,252	3,55,322	449	32,518	1,222	14,840	5,923	4,03,780
38,810	28,71,581	6,391	4,12,899	23,795	5,60,534	68,996	38,45,014
4,528	2,69,184	176	6,498	396	2,850	5,110	2,78,532
21,823	14,99,732	3,433	1,58,213	1,762	15,212	27,018	16,73,157
1,678	1,28,241	311	22,939	117	3,546	2,106	1,54,826
23,501	16,27,973	3,744	1,81,152	1,879	18,858	29,124	18,27,983
425	21,529	41	1,754	19	119	485	23,402
26,999	15,71,421	2,528	1,18,906	1,010	4,831	30,537	16,95,158
27,424	15,92,950	2,569	1,20,660	1,029	4,950	31,022	17,18,560
25,310	15,54,111	3,204	1,60,766	2,622	78,908	31,136	17,93,785
32,089	20,08,104	1,849	1,05,051	1,508	8,222	35,446	21,21,377
87,577	57,87,055	429	26,309	1,207	13,911	89,213	58,27,275
23,364	14,49,585	199	8,031	654	6,386	24,217	14,64,002
110,941	72,36,640	628	34,340	1,861	20,297	113,430	72,91,277
56,311	46,64,466	1,272	69,168	4,405	1,48,023	62,518	48,81,657
861,343	5,06,41,226	7,859	3,35,669	29,649	3,22,635	888,851	5,12,99,530
908,184	5,53,05,692	9,131	4,04,837	34,054	4,70,658	951,369	5,61,81,187
161,263	1,52,85,216	4,450	2,47,768	4,714	1,20,047	170,427	1,56,53,031
39,238	27,34,325	160	6,930	1,686	34,571	41,974	27,75,826
102,170	44,39,350	1,600	32,444	1,437	97,518	105,207	45,59,312
3,319,622	21,81,72,155	39,801	19,57,692	180,414	38,97,850	3,539,837	22,40,31,697
60,476	32,57,275	4,248	89,543	9,015	42,865	73,739	33,89,653
6,236	3,98,677	9	342	26	658	6,271	3,99,687
129	7,477	..	..	..	..	129	7,477
480	48,277	..	..	267	800	747	44,077
289	18,670	1	82	300	1,200	590	19,952
239	23,487	104	5,402	6	130	399	32,019
679	54,338	16	1,253	406	25,010	1,101	81,501
1,056	40,451	60	2,954	30	4,800	1,136	48,205
1,297	60,073	23	1,758	64	32	1,390	61,863
1,106	54,973	3	83	..	..	1,109	55,058
5,842	4,28,474	798	55,872	628	27,425	7,268	5,11,771
7,950	4,67,375	115	6,972	2,185	27,680	10,250	5,02,227
1,441	84,151	249	15,369	17	270	1,707	99,790

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

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)
	Class II works—cont.	ACS.	ACS.	ACS.	ACS.	ACS.	ACS.
14. Coimbatore ..	Arakankottai channel ..	4,543	136	529	..	5,208	23
15. Do. ..	Tadapalli channel ..	14,468	288	1,636	120	16,512	921
16. Do. ..	Kalingarayan channel ..	9,605	2,247	6,947	1,513	20,312	3,692
17. North Arcot ..	Palar anicut system ..	52,108	1,585	25,081	1,515	80,289	442
Chingleput ..	Do. ..	21,833	369	8,710	117	31,029	35
	Total ..	73,941	1,954	33,791	1,632	111,318	477
18. Chingleput ..	Vallur anicut system ..	4,251	352	197	52	4,852	52
19. Do. ..	Madras water-supply and irrigation system.	6,580	377	3,451	149	10,560	325
20. Do. ..	Chembrambakkam tank.	12,463	237	8,180	151	21,031	670
21. South Arcot ..	Mehmattur anicut system.	4,363	26	158	..	4,647	68
22. Do. ..	Vriddhachalam anicut system.	8,078	92	291	18	8,479	43
23. Do. ..	Pelandurai anicut system.	11,683	113	344	46	12,186	69
24. Trichinopoly.	Nandiyar channel system.	5,379	659	1,575	184	7,797	540
25. Tinnevely ..	Marudur anicut system.	16,679	184	13,724	164	30,751	852
	Total class II works ..	254,036	8,555	89,921	6,967	359,489	9,358
	Grand total of classes I and II works.	3,211,623	68,430	600,164	20,368	3,900,575	47,914

I and II works and the value of crops raised thereon for fasli 1327 (1917-18)—cont.

Value of crops.							
Paddy.		Ragi.		Other crops.		Total	
Area irrigated. ^a	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.
4,765	4,88,623	23	1,702	420	25,273	5,208	5,15,598
14,994	13,40,710	26	1,783	1,492	1,36,266	16,512	14,78,789
14,333	12,38,114	1,707	1,32,949	4,272	4,90,368	20,312	18,70,431
72,438	46,57,772	5,293	2,38,213	2,555	40,191	80,284	48,36,176
29,232	17,12,033	1,447	69,625	350	1,573	31,029	17,83,231
101,688	62,69,805	6,740	3,07,838	2,905	41,764	111,313	66,19,407
4,405	2,74,008	112	6,609	335	2,056	4,852	2,82,673
9,564	6,06,746	381	17,222	615	18,700	10,560	6,42,668
19,151	11,56,438	276	10,891	1,004	70,590	21,031	12,37,919
4,318	2,96,031	76	4,883	153	12,770	4,647	3,13,684
8,138	4,96,629	208	8,974	133	2,960	8,479	5,08,463
11,424	7,09,013	296	17,774	466	15,183	12,186	7,41,970
5,960	3,87,527	556	22,986	1,281	32,850	7,797	4,43,363
28,999	25,58,012	193	9,789	1,533	87,659	30,725	26,55,460
314,989	2,07,60,284	16,216	7,26,030	28,153	10,77,419	359,358	2,25,63,733
3,634,611	23,89,26,489	56,017	26,83,922	208,567	49,75,269	3,899,195	24,65,95,630

NOTE.—(1) The area under "both seasons" is included under first and second crops.
 (2) The areas in columns (3) to (7) include extent under "withered crops" and exclude "waste charged."
 (3) Area of withered crops = 1,380 acres.

Prepared by the Board of Revenue—vide B.P. No. 194, dated 19th November 1918.

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)
Ganjām ..	5,365,587	2,777,734	2,113,652	1	Rushikulya system ..	142,000	106,000
				2	Ganjām minor rivers system.	64,000	58,000
				3	Class III works ..	122,670	122,670
					Total ..	328,670	287,670
Visagapatam ..	10,999,238	5,242,727	2,807,664	1	Nāgavalli river project ..	31,200	25,000
					Class III works ..	95,884	95,884
					Total ..	127,084	120,884
Godāvari ..	3,980,698	1,587,546	1,230,709	1	Godāvari delta system ..	396,253	328,429
				2	Class III works ..	89,094	89,094
					Total ..	485,347	417,523
Kistna ..	3,695,184	3,026,645	2,170,425	1	Kistna delta system ..	543,000	429,158
				2	Godāvari delta system ..	565,000	417,600
				3	Muniyera project ..	13,024	10,000
				4	Divi pumping system ..	80,000	40,000
				5	Peddana yudu tank of Chinnarowpalem.	726	210
				6	Class III works ..	63,032	63,032
					Total ..	1,264,782	959,895
Guntur ..	3,648,781	2,716,139	2,338,706	1	Kistna delta system ..	357,000	305,000
				2	Dondapad tank ..	2,886	1,930
				3	Atmakūr tank ..	1,160	1,160
				4	Jangamaheswarapuram tank.	960	960
				5	Class III works ..	25,557	25,557
					Total ..	387,557	334,607
Kurnool* ..	4,833,774	2,246,071	2,062,449	1	Kurnool-Cuddapah canal.	319,869	103,743
				2	Cumbum tank ..	6,000	5,980
				3	Markapur tank ..	1,700	1,583
				4	Class III works ..	49,369	49,369
					Total ..	376,928	160,665
Bellary* ..	3,649,513	2,942,429	2,365,184		Class III works ..	55,748	55,748
Anantapur ..	4,281,825	3,307,482	1,993,734		Class III works ..	165,354	165,354
Cuddapah ..	3,760,512	1,996,323	1,156,618	1	Kurnool-Cuddapah canal.	36,100	17,655
				2	Sagileru system ..	26,576	4,664
				3	Class III works ..	106,775	106,775
					Total ..	169,451	129,094
Nellore ..	5,103,053	2,952,517	1,525,519	1	Pennar river canals system.	190,000	147,274
				2	Ponnalar tank ..	1,973	1,000
				3	Hajipuram tank ..	2,900	700
				4	Anamasamudram-Biraperu tank.	1,000	961
				5	Yerur tank ..	1,236	1,143
				6	Class III works ..	132,235	132,235
					Total ..	329,344	283,313
Chingleput ..	1,896,657	1,118,714	949,545	1	Palar ancient system ..	24,102	24,102
				2	Chembrambakkam tank ..	24,478	18,000
				3	Madras Water-supply and Irrigation system.	10,165	9,852
				4	Valur ancient system ..	6,794	5,216
				5	Cheyyar ancient system ..	540	494
				6	Class III works ..	354,947	354,947
					Total ..	421,026	412,611

* Excluding Feudatory States.

Madras Presidency for the revenue year ending 30th June 1918.

Area irrigated in acres.						Rainfall in inches.	
Revenue year ending 30th June 1917.			Revenue year ending 30th June 1918.			1916-17.	1917-18.
Kharif, I Crop.	Rabi, II Crop.	Total.	Kharif, I Crop.	Rabi, II Crop.	Total.		
(9)	(10)	(11)	(12)	(13)	(14)	(15)	(16)
100,167 63,195 111,554 274,916	2,659 7,554 11,819 22,032	102,826 70,749 123,373 296,948	103,456 61,508 119,194 284,158	1,751 12,231 11,215 25,297	105,207 73,739 130,509 309,455	53.01	57.38
18,681 90,968 109,629	3,995 42,526 46,521	22,656 133,494 156,150	19,866 90,503 110,369	6,239 33,173 39,412	26,105 123,676 149,781		
341,507 73,671 415,278	89,582 6,997 96,579	431,189 80,668 511,857	340,416 81,127 421,573	110,783 9,669 120,452	451,229 90,796 542,025	50.60	52.04
409,846 388,551 5,439 26,758 113	2,787 153,281 19 10 10	412,633 541,832 5,478 26,768 123	405,900 386,765 6,252 32,111 129	4,263 161,936 19 32,111 129	410,163 548,701 6,271 32,111 129		
57,168	2,559	59,727	59,022	4,147	63,169	64.77	61.64
887,895	158,666	1,046,561	890,179	170,365	1,060,544		
298,063 297 297 360	744 151 241 105	298,807 448 538 465	302,430 403 539 680	1,303 96 1 67	303,733 499 590 747	51.85	46.96
22,819	3,471	26,290	23,101	3,711	26,812		
321,836	4,712	326,548	327,203	6,178	333,381	50.97	29.94
22,079 5,359 918 44,671	3,829 4,186 486 13,655	25,908 9,545 1,404 58,326	27,311 5,527 1,097 43,294	6,522 4,723 610 10,407	33,833 10,250 1,707 53,701		
73,027	22,156	95,183	77,229	22,362	99,491	41.43	32.76
46,113	11,845	57,958	46,556	13,420	59,976		
146,328	74,391	220,719	148,591	78,043	226,634	36.88	29.87
27,836 4,276 99,640	8,789 3,193 45,290	36,625 7,469 144,930	29,666 4,274 98,914	5,524 2,994 42,611	35,190 7,268 141,525		
131,752	57,272	189,024	132,854	51,129	183,983	41.40	38.19
146,328	35,889	182,217	145,950	40,546	186,496		
565 496 901	85 40 50	651 536 951	760 614 952	376 487 438	1,136 1,101 1,390	37.58	55.67
979 121,639	2 20,473	981 142,112	1,108 126,052	1 35,390	1,109 161,442		
270,909	56,539	327,448	275,436	77,238	352,674	47.12	45.39
21,642 12,967 6,601	9,180 4,096 2,981	30,822 17,063 9,582	22,202 12,700 6,957	8,827 8,331 3,603	31,029 21,051 10,560		
4,566 435 327,065	228 315 108,217	4,794 750 435,282	4,603 392 326,948	249 93 113,836	4,852 485 440,784		
373,276	125,017	498,293	373,802	134,939	508,741		

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 ..	2,693,301	1,802,492	1,531,344	1	Polandorai anicut system.	16,677	12,837
				2	Lower Coleroon anicut system.	86,000	84,244
				3	Shattinope anicut system.	43,965	34,025
				4	Vriddachalam anicut system.	16,359	8,829
				5	Mehumattur anicut system.	10,651	4,555
				6	Tirukkoyilur anicut system.	45,977	30,954
				7	Class III works ..	275,676	275,676
					Total ..	495,305	451,120
North Arcot ..	3,170,934	1,588,673	1,418,052	1	Palar anicut system ..	80,930	54,566
				2	Cheyyar do. ..	28,921	21,969
				3	Poiney do. ..	23,824	22,462
				4	Class III works ..	220,243	220,243
					Total ..	353,918	319,240
Chittoor	3,609,257	1,681,563	843,777	1	Poiney anicut system ..	111,982	111,982
				2	Class III works ..	111,982	111,982
					Total ..	111,982	111,982
Salem ..	4,425,112	2,479,509	1,907,356	1	Barur tank ..	6,887	6,887
				2	Class III works ..	110,101	110,101
					Total ..	116,988	116,988
Coimbatore ..	4,627,999	2,821,727	2,313,859	1	Tadapalli channel ..	16,000	15,000
				2	Arakankottai channel ..	6,000	4,750
				3	Kalingariyan channel ..	15,000	12,000
				4	Class III works ..	65,830	65,830
					Total ..	102,830	97,580
Trichinopoly.*	2,768,313	2,159,581	1,558,276	1	Cauvery delta system ..	44,667	44,008
				2	Nandiyar channel system.	9,480	6,620
				3	Class III works ..	150,218	150,218
					Total ..	204,365	200,846
Tanjore ..	2,389,404	1,723,726	1,461,774	1	Cauvery delta system ..	864,367	856,918
				2	Lower Coleroon anicut system.	31,233	23,685
				3	Class III works ..	77,439	77,439
					Total ..	973,039	958,042
Madura ..	3,203,034	2,137,441	1,599,094	1	Periyar system ..	Not known.	143,000
				2	Class III works ..	127,261	127,261
					Total ..	127,261	270,261
Ramnad ..	2,096,808	1,817,596	1,473,056	..	Class III works ..	34,806	34,806
Tinnevely ..	2,552,391	1,914,830	1,497,514	1	Srivaikuntam anicut system.	33,500	23,014
				2	Marudur anicut system ..	17,920	17,920
				3	Class III works ..	161,802	161,802
					Total ..	213,222	202,736
Grand total ..	82,751,375	50,061,866	35,318,817	..	Total of classes I and II works.	4,248,994	3,494,952
				..	Total of class III works ..	2,596,013	2,596,013
					Total ..	6,845,007	6,090,965

* Excluding Feudatory States.

Prepared by the Board of Revenue—vide B.P. No. 194, dated 19th November 1918.

Madras Presidency for the revenue year ending 30th June 1918—cont.

Area irrigated in acres.						Rainfall in inches.	
Revenue year ending 30th June 1917.			Revenue year ending 30th June 1918.			1916-17.	1917-18.
Kharif, I Crop.	Rabi, II Crop.	Total.	Kharif, I Crop.	Rabi, II Crop.	Total.	(15)	(16)
(9)	(10)	(11)	(12)	(13)	(14)		
11,443	486	11,929	11,796	390	12,186	44.32	37.79
83,827	4,304	88,131	84,891	4,326	89,217		
30,110	4,106	34,216	30,109	5,337	35,446		
8,172	305	8,477	8,170	309	8,479		
4,140	212	4,352	4,389	158	4,547		
26,020	4,892	30,912	25,973	5,163	31,136		
265,227	63,864	329,091	257,286	63,668	320,954		
428,939	78,169	507,108	422,614	79,251	501,865	44.30	37.71
50,673	24,686	75,359	53,693	26,696	80,389		
18,529	11,776	30,305	19,191	11,387	30,578		
21,631	7,222	28,853	20,601	6,449	27,050		
219,238	96,046	315,284	203,419	75,924	279,343	37.11	41.26
310,071	139,730	449,801	296,904	120,356	417,260		
1,614	830	2,344	1,492	614	2,106		
92,924	48,293	141,217	88,694	36,650	125,344	46.37	35.97
94,438	49,123	143,561	90,186	37,264	127,450		
3,519	1,870	5,389	3,526	1,584	5,110		
89,613	22,854	112,467	100,958	31,909	132,867	31.91	30.92
93,132	34,726	127,857	104,484	33,493	137,977		
14,777	1,692	16,379	14,756	1,776	16,512		
4,612	430	5,042	4,679	529	5,208	34.78	39.12
11,687	8,472	20,159	11,852	8,460	20,312		
63,533	18,673	82,206	63,256	17,640	80,896		
94,609	29,477	123,786	94,643	28,385	122,928	37.61	45.07
43,417	17,677	61,094	45,153	17,365	62,518		
5,893	1,973	7,866	6,038	1,769	7,797		
146,100	59,572	205,672	141,462	56,647	197,509	33.42	37.53
195,410	79,222	274,632	192,653	75,171	267,824		
816,536	66,301	882,837	820,145	68,710	888,855		
22,937	595	23,532	23,534	683	24,217	31.17	32.48
53,935	1,617	55,552	69,205	8,796	78,001		
893,408	68,513	961,921	912,884	78,189	991,073		
127,106	41,856	168,942	125,692	44,735	170,427	21.30	28.83
111,349	32,020	143,369	116,873	36,381	153,254		
238,455	73,856	312,311	242,555	81,116	323,681		
28,051	4,555	30,616	33,149	10,101	43,250	42.96	42.09
23,003	17,077	40,080	22,862	18,311	41,173		
16,842	13,678	30,520	16,863	13,888	30,751		
147,836	81,977	229,813	152,110	87,824	239,934	42.96	42.09
187,681	112,732	300,413	191,835	120,623	311,858		
3,255,711	564,817	3,820,528	3,280,053	620,522	3,900,575		
2,357,442	780,725	3,138,167	2,389,714	780,562	3,170,276		
5,613,153	1,345,542	6,958,695	5,669,767	1,401,084	7,070,851		

F-I.—Statement showing the water-rates per acre which were in force under classes I and II works in the Madras Presidency during the year ending 30th June 1918.

Description of crop.	Gedavari and Kistna amounts (except Government dry lands on which the differential water- rates are levied).	Divi pumping system.	Kurnool-Cuddapah canal.	Periyar system.	Other systems (in tracts where the differential water- rate system does not prevail).
1. Single wet crop	RS. A. P. 5 0 0	RS. A. P. 5 0 0	RS. A. P. 4 0 0	RS. A. P. 5 0 0	..
2. Second wet crop	5 0 0	2 8 0 <i>plus half the dry assessment.</i>	3 0 0	3 0 0	..
3. Second wet crop (if compounded for two crops for a term of not less than five years).	8 2 0	..	6 0 0	..	..
4. Second dry crop on irrigated land except where the landholder has compounded under clause 3.	2 8 0	2 8 0	1 0 0	..	..
5. For sugar-cane, betel and other garden produce remaining on the ground for the time of two crops.	10 0 0	..	6 0 0	8 0 0	..
6. For sugar-cane, 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	1 0 0	..	..
8. For a third irrigated crop (wet)	2 0 0	2 0 0	2 0 0	2 0 0	..
9. Do. (dry)	1 0 0	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 sugar-cane, betel and other garden produce remaining on the ground for the time of two crops.	..	7 8 0 <i>plus half the dry assessment.</i>	..	..	..
15. For sugar-cane, 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 sugar-cane, 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. Single dry crop	..	..	1 0 0	..	..
18. Garden crops (class 2 of the Madras Irrigation and Canal Company's rules).	..	..	3 0 0	..	..
19. Mundla paddy	..	..	2 0 0	..	..
20. (a) Water-rate for a single-wet crop on wet or mamal irrigated lands in zamindaris and whole inam villages, the old sources of supply to which have not been interfered with, but for which canal water is taken.	..	..	..	..	..
(b) Water-rate for a single wet-crop raised on rainfed paddy lands, whether in Government, zamindari or whole inam villages.	..	..	..	..	..
(c) Water-rate for a single wet-crop raised on ordinary dry lands whether in Government, zamindari or whole inam villages.	..	..	..	..	..
(d) Water-rate for second wet crop raised on lands falling under either of the above three heads (a), (b) and (c).	..	..	..	..	..
(e) Water-rate for a second wet crop or for sugar-cane betel, etc., requiring water longer than an ordinary wet crop, raised on wet lands in zamindari and whole inam villages deprived wholly or partially of their old sources of irrigation, but which are entitled to free irrigation for only one wet crop (G.O.No. 6195, Revenue, dated 3rd December 1891).	..	..	..	..	..
(f) Water-rate on lands falling under either of the first three heads (a), (b) and (c) cultivated with sugar-cane, betel, etc., requiring water longer than an ordinary wet crop.	..	..	..	..	..
(g) Water-rate for dry crops, whether first or second, irrigated on lands falling under either of the first three heads (a), (b) and (c).	..	..	..	..	..
(h) Water-rate for an irrigated dry crop raised as second crop on lands falling under head (e) and on registered single crop wet lands in Government villages, provided that in the latter case half the first crop assessment may be levied instead, if it is less than the water-rate.	..	..	..	..	..

F-I.—Statement showing the water-rates per acre which were in force under classes I and II works in the Madras Presidency during the year ending 30th June 1918—cont.

Description of crop.	Gedavari and Kistna amounts (except Government dry lands on which the differential water- rates are levied).	Divi pumping system.	Kurnool-Cuddapah Canal.	Periyar system.	Other systems (in tracts where the differential water- rate system does not prevail).
21. For a first dry crop systematically irrigated ..	..	..	..	RS. A. P. 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. do.	Dry, systematically irrigated	3	2 0 0	5 0 0
6. Do. 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. do.	Dry, systematically irrigated	2	2 8 0	4 8 0
9. Do. do.	Dry, occasionally irrigated	2	2 0 0	4 0 0

Prepared by the Board of Revenue—vide B.P. No. 178, dated 15th October 1918.

APPENDIX
STATEMENT
Statement showing the financial results of irrigation

DIX II.
No. 1.

works of classes I and II for fasli 1327 (1917-18).

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)
CLASS I.						
<i>Imperial Major Productive Works.</i>						
1. Nagavalli river project	10,600	9,591	20,191	5,200	1,039	6,239
2. Godavari delta system	156,150	595,798	751,948	..	273,800	273,800
3. Kistna delta system	70,710	652,668	723,378	..	5,578	5,578
4. Divi pumping system	9,900	22,239	32,139	..	..	..
5. Pennor river canals system ..	99,080	53,614	152,694	1,050	39,496	40,546
6. Kurnool-Cuddapah canal	6,643	47,338	54,011	..	11,159	11,159
6A. Chepad channel	1,406	3,759	5,165	56	831	887
7. Barur tank	1,339	2,424	3,764	480	1,154	1,584
8. Poincy anicut system	15,550	8,107	23,657	2,500	4,594	7,094
9. Cheyyar anicut system	14,960	5,910	20,870	1,630	9,850	11,480
10. Tirukkoyilur anicut system ..	16,080	10,791	26,871	30	5,138	5,168
11. Shattatope anicut system	7,160	24,279	31,439	..	5,337	5,337
12. Lower Coleroon anicut system ..	44,760	65,418	110,178	170	4,844	5,014
13. Cauvery delta system	745,350	147,301	892,651	34,080	52,851	86,931
14. Periyar system	65,600	63,145	128,745	16,100	28,636	44,736
15. Srivaikuntam anicut system ..	14,580	10,679	25,259	5,850	12,478	18,328
Total ..	1,279,859	1,723,091	3,002,950	67,096	456,785	523,881
<i>Protective Works.</i>						
1. Rashikulya system	58,100	47,012	105,112	..	1,754	1,754
Total of class I works ..	1,337,959	1,770,103	3,108,062	67,096	458,539	525,635
CLASS II.						
<i>Provincial Minor Works and Navigation for which Capital and Revenue Accounts are kept.</i>						
1. Ganjam minor rivers system ..	51,260	11,443	62,703	..	12,232	12,232
2. Muniyera project	600	5,661	6,261	..	19	19
3. Peddanayudu tank of Chinnarow-palem ..	..	129	129	..	..	..
4. Jangamabeswarapuram tank ..	150	635	785	7	60	67
5. Atmakur tank	..	671	671	..	1	1
6. Dondapad tank	..	403	403	..	96	96
7. Hajipuram tank	..	679	679	..	487	487
8. Ponnalur tank	..	807	807	..	376	376
9. Anamasamudram Biraperu tank ..	900	99	999	80	358	438
10. Erur tank	80	1,272	1,352	2	1	1
11. Sagileru system	3,900	457	4,357	700	2,294	2,994
12. Cumbum tank	4,850	731	5,581	2,670	2,053	4,723
13. Markapur tank	450	676	1,126	50	560	610
14. Arakankottai channel	2,730	1,964	4,694	10	519	529
15. Tadapalli channel	9,990	4,821	14,811	170	1,586	1,756
16. Kalingarayana channel	8,300	3,666	11,966	8,350	110	8,460
17. Palur anicut system	53,890	26,776	80,666	16,070	20,696	36,766
18. Vallar anicut system	4,030	1,117	5,147	10	240	250
19. Madras water-supply and irrigation system ..	5,630	1,808	7,438	780	2,823	3,603
20. Chembrambakkam tank	11,370	1,957	13,327	1,160	7,865	9,025
21. Mehmattur anicut system	990	3,440	4,430	..	158	158
22. Vriddhachalam anicut system ..	2,430	5,828	8,258	..	309	309
23. Pelandorai anicut system	2,120	9,832	11,952	100	290	390
24. Nandyar channel	4,680	1,428	6,108	1,570	189	1,759
25. Marudur anicut system	17,020	389	17,409	590	13,298	13,888
Total of class II works ..	185,370	86,689	272,059	32,319	66,118	98,437
Grand total of classes I and II works ..	1,523,329	1,856,792	3,380,121	99,415	524,657	624,072

Prepared by the Board of Revenue—vide B.P. No. 178, dated 15th October 1918.

Direct receipts.						Indirect receipts.				Total.	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.	Four per cent on the amount realized by the sale of tank-bed or other waste lands.		
(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)	(16)	(17)	(18)	(19)
RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.
1,07,578	87,809	611	87,198	37,400	49,798	..	1	1,092	..	1,093	50,891
52,61,239	41,60,160	90,744	40,69,415	1,24,000	39,45,415	..	1,80,507	8,161	3,337	1,92,005	41,37,421
4,73,920	35,83,695	58,498	35,25,197	71,000	34,54,197	..	99,046	16,703	19,095	1,34,844	35,89,041
1,65,108	1,65,108	..	1,65,108	20,300	1,44,808	..	2,143	4,086	15,927	22,156	1,66,964
9,71,801	8,25,497	3,519	8,21,978	2,56,000	5,65,978	..	43,385	3,711	12,564	59,660	6,25,638
2,39,309	2,69,397	5,044	2,64,353	28,385	2,35,968	..	496	926	34	1,456	2,37,524
30,318	27,414	64	27,350	7,587	19,763	..	351	26	..	377	20,140
28,118	23,451	70	23,391	4,500	18,891	..	36	..	422	458	12,349
4,46,181	1,11,907	1,501	1,10,406	38,000	72,406	..	5,281	131	39	5,451	77,857
1,47,643	6,61,532	4,314	1,00,218	39,000	61,218	..	3,196	104	14	3,314	64,532
1,47,422	1,13,058	35	1,13,023	60,000	53,023	..	3,286	76	..	3,362	56,386
1,68,487	1,20,751	25	1,20,726	20,000	1,00,726	..	14,891	318	..	15,209	1,15,935
6,41,440	4,03,284	2	4,03,282	1,55,000	2,48,282	..	51,192	318	..	51,510	3,02,792
54,30,691	42,76,284	5,303	42,69,981	34,30,000	8,39,981	..	1,07,501	10,571	..	1,18,072	9,88,053
8,77,323	7,85,978	21,749	7,64,229	2,04,000	5,60,229	..	6,894	4,940	30,061	42,795	6,03,024
2,72,755	2,30,705	1,101	2,29,605	79,000	1,50,605	..	1,423	67	..	1,490	1,52,095
1,91,09,333	1,52,01,041	1,92,580	1,50,98,461	15,44,072	1,05,54,389	..	5,19,629	51,230	82,393	6,53,252	1,12,07,541
3,85,068	2,54,802	1,215	2,53,587	67,000	1,86,587	..	3,122	236	1,097	4,455	1,91,042
1,94,94,401	1,55,45,843	1,93,795	1,53,52,048	18,11,072	1,07,40,976	..	5,22,751	51,468	83,490	6,57,707	1,13,98,683
2,26,169	1,53,613	1,415	1,51,198	95,000	56,198	..	6,586	738	..	7,324	63,522
26,123	25,850	..	25,850	2,500	22,850	..	2	58	..	60	22,910
535	535	..	535	..	535	..	..	..	..	..	535
4,009	2,754	493	2,261	500	1,761	..	..	..	..	..	1,761
3,541	2,844	..	2,844	..	2,844	..	..	..	..	..	2,844
1,900	1,990	..	1,990	..	1,990	..	1	2	..	3	1,993
5,179	4,595	..	4,595	..	4,595	..	..	15	..	15	4,610
6,822	5,841	582	4,759	..	4,759	..	..	..	..	..	4,759
5,693	5,089	..	5,089	3,600	1,489	..	..	1	..	1	1,490
4,882	3,375	156	3,519	425	3,094	..	..	64	..	64	3,158
27,305	24,974	16	24,958	17,800	7,158	..	..	4	..	4	7,162
60,639	53,603	47	53,556	30,000	23,556	..	443	18	..	461	24,017
8,371	7,557	..	7,557	2,150	5,407	..	..	1	..	1	5,408
45,207	38,875	..	38,875	19,000	19,875	..	354	56	..	410	20,085
1,56,746	1,33,885	..	1,33,885	76,000	57,885	..	2,561	39	..	2,600	60,785
1,45,349	1,27,462	30	1,27,432	85,000	42,432	..	419	61	..	480	42,915
4,49,143	3,43,284	2,148	3,41,136	1,25,000	2,16,136	..	15,486	320	927	16,733	2,32,869
41,475	7,463	229	7,234	5,000	2,234	..	1,067	7	..	1,074	3,308
37,486	28,184	256	27,928	11,000	16,928	..	441	21	..	462	17,390
92,453	69,659	137	69,522	16,000	53,522	..	849	59	..	908	54,430
26,545	20,614	..	20,614	4,000	16,614	..	28	23	..	51	16,665
43,715	32,822	..	32,822	8,500	24,322	..	277	17	..	294	24,616
57,916	45,813	2	45,811	3,000	42,811	..	55	21	..	76	42,887
27,336	21,716	119	21,597	17,000	4,597	..	36	18	..	54	4,651
2,39,382	2,06,241	511	2,05,730	1,15,000	90,730	..	228	42	..	270	91,000
17,12,911	13,66,138	6,141	13,59,997	6,36,455	7,23,542	..	29,133	1,588	927	31,648	7,55,190
2,12,07,312	1,69,11,981	1,99,936	1,67,12,045	52,47,527	1,14,64,518	..	5,51,884	53,064	84,417	6,89,365	1,21,53,973

STATEMENT No. 1—cont.

Systems.	Net receipts, direct and indirect.			Gross indirect receipts.		
	Actuals, 1916-17.	1917-18.		Actuals, 1916-17.	1917-18.	
		Revised estimates.	Actuals.		Revised estimates.	Actuals.
1. Nagavalli river project ..	Rs. 35,634	Rs. 57,000	Rs. 46,346	Rs. 1,093	Rs. 1,093	Rs. 1,093
2. Godavari delta system ..	37,36,767	37,38,000	39,30,717	1,91,970	1,93,394	1,92,005
3. Kistna delta system ..	32,65,216	32,56,000	34,10,544	1,34,843	1,34,909	1,34,844
4. Divi pumping system ..	1,19,281	1,19,000	1,59,412	19,580	19,580	22,156
5. Pennār river canals system ..	5,68,189	5,95,000	5,94,984	59,160	71,096	59,660
6. Kurnool-Cuddapah canal ..	2,05,913	2,26,000	2,25,649	1,456	1,456	1,456
6A. Chepad channel ..	15,356	19,000	19,133	377	377	377
7. Barar tank ..	16,720	18,000	18,403	458	499	458
8. Poinoy anicut system ..	77,444	72,000	73,936	5,451	5,451	5,451
9. Cheyyar anicut system ..	56,868	54,000	61,306	3,310	3,310	3,314
10. Tirukkoyilur anicut system ..	45,776	52,000	53,566	3,362	3,362	3,362
11. Shattatope anicut system ..	1,06,505	1,06,000	1,10,138	15,209	15,209	15,209
12. Lower Coleroon anicut system ..	2,79,655	2,80,000	2,87,652	51,510	51,510	51,510
13. Canvey delta system ..	8,85,391	8,86,000	9,38,650	1,18,072	1,18,072	1,18,072
14. Periyar system ..	5,22,792	5,53,000	5,74,421	44,026	46,891	42,795
15. Srivaikuntam anicut system ..	1,31,770	1,39,000	1,44,190	1,490	1,490	1,490
16. Rushikulya system ..	1,58,771	1,79,000	1,81,545	4,455	4,455	4,455

APPENDIX II.

STATEMENT No. 2.

Statement showing the extent irrigated and the revenue derived under class III works for fasli 1327 (1917-18).

Districts.	Area charged as irrigated and area irrigated free of charge.						Direct receipts.						Indirect receipts.					To 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 outlay incurred.	(14) Increment of land assessment due to irrigation.	(15) Land assessment of waste lands brought under irrigation.	(16) Land revenue of miscellaneous items.	(17) Four per cent on the amount realized by sale of tank-bed or other waste lands.		(19) Total.
	(2) Old irrigation.	(3) New irrigation.	(4) Total.	(5) Old irrigation.	(6) New irrigation.	(7) Total.													
Class III.—Minor Works and Navigation for which neither Capital nor Revenue Accounts are kept.																			
1. Ganjam ..	..	..	122,621	..	..	122,621	ACS.	3,23,090	1,77,982	7,693	1,70,289	..	..	..	..	..	..	..	Nil.
2. Vizagapatam ..	..	..	95,782	..	..	95,782	..	3,36,940	2,26,930	5,112	2,21,818	..	..	..	..	..	..	..	Nil.
3. Godavari ..	..	..	88,981	..	..	88,981	..	3,00,578	2,22,888	1,697	2,21,191	..	..	..	..	..	..	..	Nil.
4. Kistna ..	..	..	92,935	..	..	92,935	..	1,98,357	1,64,786	4,300	1,60,486	..	..	..	..	..	..	..	Nil.
5. Gunter ..	..	..	25,277	..	..	25,277	..	1,48,278	1,12,213	2,680	1,92,552	..	..	..	..	..	..	..	Nil.
6. Nellore ..	..	..	132,216	..	..	132,216	..	7,41,941	6,22,869	7,116	6,15,843	..	..	..	..	..	..	..	Nil.
7. Cuddapah ..	..	..	103,760	..	..	103,760	..	4,71,515	3,98,276	33,570	3,64,706	..	..	..	..	..	..	..	Nil.
8. Anantapur ..	..	..	182,352	..	..	182,352	..	7,25,109	6,36,477	27,911	6,08,566	..	..	..	..	..	..	..	Nil.
9. Bellary ..	..	..	55,077	..	..	55,077	..	2,76,904	2,39,612	6,521	2,33,091	..	..	..	..	..	..	..	Nil.
10. Kurnool ..	..	..	47,203	..	..	47,203	..	2,00,020	1,70,321	13,551	1,56,770	..	..	..	..	..	..	..	Nil.
11. Chittoor ..	..	..	99,959	..	..	99,959	..	5,15,740	4,06,723	1,02,838	3,03,886	..	..	..	..	..	..	..	Nil.
12. Chinglepat ..	..	..	354,892	..	..	354,892	..	14,44,749	10,36,883	18,416	10,17,467	..	..	..	..	..	..	..	Nil.
13. North Arcot ..	..	..	218,114	..	..	218,114	..	12,81,361	9,26,318	20,271	9,06,047	..	..	..	..	..	..	..	Nil.
14. South Arcot ..	..	..	275,568	..	..	275,568	..	14,49,661	10,70,388	1,598	10,68,850	..	..	..	..	..	..	..	Nil.
15. Tanjore ..	..	..	77,439	..	..	77,439	..	1,83,416	1,40,379	41	1,40,338	..	..	..	..	..	..	..	Nil.
16. Trichinopoly ..	..	..	150,214	..	..	150,214	..	8,96,970	6,60,054	4,499	6,55,556	..	..	..	..	..	..	..	Nil.
17. Madurai ..	..	..	126,850	..	..	126,850	..	6,13,386	4,91,142	10,725	4,80,417	..	..	..	..	..	..	..	Nil.
18. Ramnad ..	..	..	34,640	..	..	34,640	..	2,07,368	1,72,699	10,681	1,62,018	..	..	..	..	..	..	..	Nil.
19. Tirunelveli ..	..	..	139,766	..	..	139,766	..	13,96,948	11,72,849	30,315	11,42,534	..	..	..	..	..	..	..	Nil.
20. Coimbatore ..	..	..	66,806	..	..	66,806	..	4,40,584	3,61,592	2,352	3,59,240	..	..	..	..	..	..	..	Nil.
21. Salem ..	..	..	109,392	..	..	109,392	..	6,20,677	4,30,526	13,614	4,16,912	..	..	..	..	..	..	..	Nil.
Total ..	..	..	2,568,277	..	..	2,568,277	..	1,27,82,578	98,41,027	3,25,321	95,15,706	..	..	..	..	..	..	..	Nil.

NOTE.—Details of extent and revenue relating to old and new irrigation are not calculated for class III works. Prepared by the Board of Revenue—vide B.P. No. 193, dated 19th November 1918.

IRRIGATION BRANCH.

PUBLIC WORKS DEPARTMENT

No. 1.—General Abstract of Financial Results showing the estimated cost of construction of Major Works, the direct Capital
Major

Name of project.	COST OF CONSTRUCTION AS NOW ESTIMATED.			CAPITAL OUTLAY.					
	Direct charges.	Indirect charges.	Total.	During 1917-1918.			To end of 1917-1918.		
				Direct charges.	Indirect charges.	Total.	Direct charges.	Indirect charges.	Total.
Productive Works.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.
Nagavalli river project ..	17,77,039	68,530	18,45,569	13,447	329	13,776	16,48,998	39,912	16,88,910
Godavari delta system ..	1,36,09,680	19,53,093	1,55,62,773	1,63,541	3,881	1,67,422	1,31,51,815	19,66,696	1,51,18,511
Kistna do. ..	1,55,01,610	10,55,492	1,65,57,102	1,23,980	2,606	1,26,586	1,53,79,949	10,57,373	1,64,37,322
Divi pumping system ..	20,03,377	27,674	20,34,051	20,204	1,500	21,704	19,20,437	29,710	19,50,147
Pennér river canals system.	57,14,197	10,12,754	67,26,951	9,427	59	9,486	57,02,173	10,12,813	67,14,986
Kurnool-Cuddapah canal.	2,32,09,692	78,084	2,32,87,776	65,419	1,952	67,371	2,29,33,837	51,051	2,29,84,888
Barur tank ..	4,19,375	23,738	4,43,113	..	..	..	4,19,375	23,738	4,43,113
Poiney anicut system ..	2,67,178	6,379	2,73,557	1,220	30	1,250	2,39,079	6,409	2,45,488
Cheyaru do. ..	4,42,925	11,754	4,54,679	..	..	..	4,25,705	11,754	4,37,459
Tirukkoyilar anicut system ..	3,66,759	9,189	3,75,948	..	..	..	3,66,759	9,189	3,75,948
Shatiatope anicut system.	9,15,245	57,271	9,72,516	..	..	..	9,15,245	57,271	9,72,516
Lower Coleroon anicut system ..	18,69,597	71,259	19,40,856	..	..	..	18,69,597	71,259	19,40,856
Toludur project..	29,60,000	2,50,000	32,10,000	1,32,218	24,247	1,56,465	9,59,228	1,81,971	11,41,199
Canvey delta system ..	45,30,854	1,86,867	47,17,721	61,762	1,477	63,239	41,98,012	1,92,344	43,90,356
Periyar system ..	1,03,65,221	3,64,778	1,06,69,999	3,239	102	3,341	1,02,97,378	3,66,528	1,06,63,906
Srivaikuntam anicut system ..	16,31,744	1,03,946	17,35,690	23,815	540	24,355	16,26,635	1,05,616	17,32,251
Total, Productive Works.	8,55,27,493	52,80,808	9,08,08,301	6,18,272	36,723	6,54,995	8,20,54,222	51,83,834	8,72,37,856
Protective Works.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.
Rushikulya system ..	47,01,309	4,12,763	51,14,072	8,410	104	8,514	46,82,457	4,12,876	50,95,333
Bharanasi project ..	2,02,289	6,711	2,09,000	43,972	1,058	45,030	2,22,649	9,578	2,32,227
Mopad project ..	20,53,877	92,134	21,46,011	1,86,773	4,572	1,91,345	18,34,509	88,694	19,23,203
Venkatapuram tank ..	3,31,776	14,824	3,46,600	20,819	515	21,334	3,68,847	12,355	3,79,202
Total, Protective Works.	72,92,251	5,26,432	78,18,683	2,59,974	6,249	2,66,223	71,06,462	5,23,503	76,29,965
Grand Total ..	9,28,19,744	58,07,240	9,86,26,984	8,78,246	42,972	9,21,218	8,91,60,684	57,07,137	9,48,67,821

DIX III.

ADMINISTRATIVE ACCOUNTS FOR THE YEAR 1917-18.

MADRAS PRESIDENCY.

Capital outlay thereon, the Revenue derived therefrom, the Working Expenses and the simple interest on the outlay on those works.

Works.

RECEIPTS DURING 1917-1918.			WORKING EXPENSES DURING 1917-1918.			NET RESULT EXCLUDING INTEREST (DIFFERENCE BETWEEN REVENUE AND WORKING EXPENSES).				Simple interest during 1917-1918.	NET RESULT INCLUDING INTEREST.			
Water-rates, etc.	Collected with land revenue.	Total.	Direct charges.	Indirect charges.	Total.	Excess revenue (sur- plus).	Excess expenditure (deficit).	Rate per cent.			Excess revenue (sur- plus).	Excess expenditure (deficit).	Rate per cent.	
Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.		Of excess rev- enue.	Of excess expen- diture.	Rs.	Rs.	Rs.	Of excess rev- enue.	Of excess expen- diture.
51,240	1,093	52,333	23,197	521	23,718	28,615	..	1-69	..	57,036	..	28,421	..	1-68
40,82,491	1,92,005	42,74,496	9,48,680	44,382	9,93,062	32,81,434	..	21-70	..	4,53,923	28,27,511	..	18-70	..
35,76,843	1,34,844	37,11,687	7,81,928	38,548	8,20,476	28,91,211	..	17-59	..	5,31,993	23,59,218	..	14-35	..
1,46,260	22,156	1,68,416	63,889	2,295	66,184	1,02,232	..	5-24	..	66,346	35,886	..	1-84	..
5,68,467	59,660	6,28,127	99,786	5,598	1,05,384	5,22,743	..	7-79	..	1,97,873	3,24,870	..	4-84	..
2,69,330	1,833	2,71,163	2,17,911	6,830	2,24,741	46,422	..	20	..	7,95,356	..	7,48,934	..	3-26
20,112	458	20,570	6,505	282	6,787	13,783	..	3-11	..	14,566	..	782	..	17
72,816	5,451	78,267	20,437	908	21,345	56,922	..	23-19	..	8,282	48,640	..	19-81	..
61,564	3,214	64,778	56,551	1,747	58,298	6,580	..	1-50	..	14,785	..	8,205	..	1-38
55,304	3,362	58,666	20,771	897	21,668	36,998	..	9-84	..	12,738	24,260	..	6-45	..
1,01,542	15,209	1,16,751	28,701	1,225	29,926	86,825	..	8-92	..	31,786	55,039	..	5-65	..
2,56,100	51,510	3,07,610	85,213	4,530	89,743	2,17,867	..	11-22	..	64,931	1,52,936	..	7-87	..
..	..	..	..	..	..	..	..	..	..	31,018	..	31,018	..	2-72
8,82,153	1,18,072	10,00,222	1,75,866	8,179	1,84,035	8,16,187	..	18-59	..	1,44,724	6,71,463	..	15-29	..
5,70,581	42,795	6,13,376	1,43,328	5,603	1,48,931	4,64,445	..	4-36	..	3,57,572	1,06,873	..	1-00	..
1,56,284	1,490	1,57,774	48,287	2,098	50,385	1,07,389	..	6-20	..	56,079	51,310	..	2-96	..
1,08,71,084	6,53,252	1,15,24,336	27,21,010	1,23,643	28,44,683	86,79,653	..	9-95	..	28,39,007	58,40,646	..	6-70	..
1,88,966	4,455	1,93,421	57,986	1,085	59,071	1,34,350	..	2-64	..	1,62,476	..	28,126	..	1-55
..	..	..	..	..	..	..	..	..	..	6,969	..	6,969	..	3-00
..	..	..	..	..	..	..	..	..	..	60,469	..	60,469	..	3-14
..	..	..	..	..	..	..	..	..	..	12,379	..	12,379	..	3-26
1,88,966	4,455	1,93,421	57,986	1,085	59,071	1,34,350	..	1-76	..	2,42,293	..	1,07,943	..	1-41
1,10,60,050	6,57,767	1,17,17,817	27,79,025	1,24,728	29,03,754	88,14,003	..	9-29	..	30,81,300	57,32,703	..	6-04	..

IRRIGATION BRANCH.

PUBLIC WORKS DEPARTMENT.

NAGAVALLI RIVER SYSTEM—Canal Project.

No. 2.—Capital Account for and to end of 1917-1918.

Heads of account.	DIRECT CHARGES.			Cost of construction as now estimated.	Expenditure against closed estimates.
	Previous.	1917-1918.	Total.		
I. WORKS—	RS.	RS.	RS.	RS.	
(1) <i>Head Works—</i>					
A. Preliminary expenses	48	..	48	48	..
B. Land	..	..	..	300	..
C. Works	4,43,486	6,146	4,49,632	4,56,218	..
K. Buildings	20,792	..	20,792	20,673	..
O. Miscellaneous	..	..	..	16	..
Unforeseen works	..	..	..	17,066	..
Total	4,64,306	6,146	4,70,452	4,94,259	..
(2) <i>Main Canals and Branches—</i>					
A. Preliminary expenses	2,937	..	2,937	2,938	..
B. Land	28,266	..	28,266	26,962	..
D. Regulators	2,859	205	3,064	4,149	..
E. Falls and weirs	10,847	..	10,847	10,384	..
F. River and hill torrent works	..	..	..	..	..
F. (1) Other cross drainage works	2,42,310	130	2,42,440	2,45,647	..
G. Bridges	7,981	..	7,981	8,151	..
H. Escapes	822	..	822	822	..
I. Navigation	..	..	..	..	..
K. Buildings	10,749	11	10,738	10,713	..
L. Earthwork	2,79,878	..	2,79,878	2,79,706	..
O. Miscellaneous	3,037	..	3,037	3,037	..
P. Maintenance	..	..	..	..	..
Unforeseen works	295	..	295	7,731	..
Total	5,89,781	324	5,90,105	6,00,240	..
(3) <i>Distributaries—</i>					
B. Land	21,641	21	21,662	29,076	..
C. Works	98,371	505	98,876	1,19,706	..
L. Earthwork	88,549	3,924	92,473	97,530	..
O. Miscellaneous	6,476	177	6,653	5,222	..
P. Maintenance	..	..	..	..	..
Unforeseen works	..	..	..	13,057	..
Total	2,18,037	4,627	2,22,664	2,64,591	..
Maintenance during construction	16,600	..	16,600	21,000	..
Total Works	12,88,624	11,097	12,99,721	13,80,090	..
II. ESTABLISHMENT	2,55,685	2,350	2,57,935	2,90,149	..
III. TOOLS AND PLANT	92,719	..	92,719	1,06,800	..
IV. SUSPENSE ACCOUNTS	..	..	..	..	..
Grand Total	16,36,928	13,447	16,50,375	17,77,039	..
V. <i>Less—RECEIPTS ON CAPITAL ACCOUNT</i>	1,377	..	1,377	..	..
Net Total	16,35,551	13,447	16,48,998	17,77,039	..
<i>Apportionment—</i>					
Chargeable to 49. Irrigation	16,35,551	13,447	16,48,998	..	..

ADMINISTRATIVE ACCOUNTS FOR THE YEAR 1917-18.

MADRAS PRESIDENCY.

NAGAVALLI RIVER SYSTEM—Canal Project.

No. 3.—Revenue Account for and to end of 1917-1918.

Receipts.	TOTAL.			Charges.	TOTAL.		
	Previous.	1917-1918.	Total.		Previous.	1917-1918.	Total.
I. DIRECT RECEIPTS—	RS.	RS.	RS.	I. EXTENSIONS AND IMPROVEMENTS—	RS.	RS.	RS.
5. Receipts from plantations	4	..	4	(1) Head works	837	262	1,099
6. Receipts from other canal produce	1,349	500	1,849	(2) Main canals and branches	831	566	1,397
8. Navigation	1	..	1	(3) Distributaries	278	1,113	1,391
9. Rents of buildings	469	154	623	(4) Drainage and protective works	..	..	..
11. Miscellaneous	1,625	788	2,413	Total	1,946	1,941	3,887
Total, Revenue realized in Public Works Department	3,448	1,442	4,890	II. MAINTENANCE AND REPAIRS—			
Irrigation Revenue realized in Civil Department	2,58,501	49,798	3,08,299	(1) Head works	42,970	3,933	46,903
Total, Direct Receipts	2,61,949	51,240	3,13,189	(2) Main canals and branches	28,651	9,965	38,616
II. INDIRECT RECEIPTS—				(3) Distributaries	9,411	1,735	11,146
Share of Land Revenue collected in the Civil Department	8,740	1,093	9,833	(4) Drainage and protective works	..	..	..
Total, Public Works and Civil Departments, Revenue	2,70,689	52,333	3,23,022	Add—Unclassifiable outlay	..	..	..
				Total	81,052	15,633	96,685
				Total, Extensions and Improvements and Maintenance and Repairs	82,978	17,574	1,00,552
				IV. ESTABLISHMENT	32,458	6,583	39,041
				V. TOOLS AND PLANT	372	34	406
				VI. REFUNDS OF REVENUE	25	20	45
				Total, Direct Charges	1,15,833	24,211	1,40,044
				Share of collection charges in the Civil Department	13,361	2,545	15,906
				Indirect Charges	4,543	922	5,465
				Total, Direct and Indirect Charges Deduct—Old maintenance charges saved to Government	1,33,737	27,678	1,61,415
				Net total	1,33,737	23,718	1,57,455
				Balance, net revenue	1,36,952	28,615	1,65,567
Total Receipts	2,70,689	52,333	3,23,022	Grand Total	2,70,689	52,333	3,23,022
				* Direct—			
				Extensions and Improvements	..	..	1,432
				Maintenance and Repairs	..	..	1,462
				Establishment	..	..	622
				Tools and Plant	..	..	43
				Total	..	..	3,559
				Indirect	..	..	401
							3,960

No. 4.—Interest Account for and to end of 1917-1918.

	Amount.		Amount.
	RS.		RS.
Total interest charges to end of 1916-1917	4,74,926	Net revenue realized to end of 1916-1917	1,36,952
Total interest charges for the year 1917-1918	57,036	Net revenue realized during 1917-1918	28,615
		Balance net interest charges	3,66,395
Total	5,31,962	Total	5,31,962

IRRIGATION BRANCH.

PUBLIC WORKS DEPARTMENT.

NAGAVALLI RIVER SYSTEM—Canal Project.

No. 5.—Account of Indirect Charges for and to end of 1917-1918.

Particulars.	Previous.	1917-1918.	Total.
	RS.	RS.	RS.
CAPITAL—			
Capitalization of abatement of land revenue	3,802	..	3,802
Leave and pension allowances	35,781	329	36,110
Total ..	39,583	329	39,912
REVENUE—			
Capitalization of abatement of land revenue	..	..	..
Leave and pension allowances	4,543	922	5,465
Total ..	4,543	922	5,465
Grand Total ..	44,126	1,251	45,377

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.
Direct Charges.				RS.	RS.	RS.	RS.		RS.
Works	..	..	..	12,99,721	13,30,660	80,389	12,99,721	399 I., dated 15th July 1913. 235 I., dated 27th May 1914. 285 I., dated 16th June 1914. 519 I., dated 13th November 1916.	Direct. 13,56,000 1,290 5,000 17,800
Establishment	..	..	..	2,57,935	2,90,149	32,214	2,57,935		
Tools and plant	..	..	..	92,719	1,06,800	14,081	92,719		
Suspense account	..	..	..	..	..	..	..		
Total ..	..	..	..	16,50,375	17,77,039	1,26,664	16,50,375		
Less—Receipts on Capital account.	..	..	..	..	..	..	..		
Net Total ..	..	..	..	16,48,998	17,77,039	1,28,041	16,48,998	399 I., dated 15th July 1913.	Indirect. 68,520
Indirect Charges.									
Capitalized abatement of land revenue	..	..	..	3,802	28,650	24,848	3,802		
Leave and pension allowances	..	..	..	36,110	39,880	3,770	36,110		
Total ..	..	..	..	39,912	68,530	28,618	39,912		
Grand Total ..	..	..	..	16,88,910	18,45,569	1,56,659	16,88,910		

ADMINISTRATIVE ACCOUNTS FOR THE YEAR 1917-18.

MADRAS PRESIDENCY.

GODAVARI DELTA SYSTEM—Canal Project.

No. 2.—Capital Account for and to end of 1917-1918.

Heads of account.	DIRECT CHARGES.			Cost of construction as now estimated (construction estimate closed on 31st March 1890).	Expenditure against closed estimate.
	Previous.	1917-1918.	Total.		
1	2	3	4	5	6
	RS.	RS.	RS.	RS.	RS.
I. WORKS—					
(1) <i>Head Works—</i>					
B. Land	13,627	..	13,627	13,627	13,627
C. Works	4,68,739	4,430	4,73,169	4,69,104	4,40,956
K. Buildings	48,187	..	48,187	48,187	48,187
L. Earthwork	30,353	22,899	52,443	71,800	..
O. Miscellaneous	5,304	..	5,304	11,353	5,304
Total ..	5,66,210	26,520	5,92,730	6,14,071	5,08,074
(2) <i>Main Canals and Branches—</i>					
A. Preliminary expenses	51	..	51	51	51
B. Land	64,004	..	64,004	63,247	62,927
J. Regulators	48,172	..	48,172	51,642	48,172
E. Falls and weirs	6,423	..	6,423	19,623	6,423
F. River and hill torrent works	67,450	..	67,450	67,450	67,450
F (1) Other cross drainage works	80,068	..	80,068	80,068	80,068
G. Bridges	35,022	..	35,022	37,299	36,099
H. Escapes	86,212	..	86,212	86,212	86,212
I. Navigation	12,26,508	4,712	12,31,220	13,02,968	12,24,633
K. Buildings	35,572	2,618	38,190	40,133	32,593
L. Earthwork	9,56,693	11,974	9,67,667	9,48,933	9,41,388
O. Miscellaneous	21,742	..	21,742	23,231	23,081
Total ..	26,26,917	19,304	26,46,221	27,20,857	26,09,047
(3) <i>Distributaries—</i>					
A. Preliminary expenses	1,139	..	1,139	901	901
B. Land	67,567	316	67,883	68,476	67,530
C. Works	3,97,286	455	3,98,811	4,33,268	3,93,732
L. Earthwork	2,96,662	13,822	3,10,484	3,32,817	2,91,453
O. Miscellaneous	12,035	3,525	15,560	30,558	11,111
P. Maintenance	..	..	..	..	..
Total ..	7,74,669	17,203	7,91,877	8,93,009	7,64,757
(4) <i>Drainage and Protective Works—</i>					
A. Preliminary expenses	1,22,100	..	1,22,100	1,56,983	42,293
B. Land	1,74,462	3,110	1,77,572	2,32,172	1,71,132
C. Works	..	..	..	..	..
H. Escapes	12,08,997	69,678	12,78,675	13,75,085	9,62,976
L. Earthwork	8,354	..	8,354	8,503	6,673
O. Miscellaneous	..	..	..	..	..
Total ..	15,13,913	72,788	15,86,701	17,71,748	11,83,074
Provision for unforeseen works	..	..	..	..	..
Total outlay on current sanctions	64,81,709	1,35,820	66,17,529	59,99,680	50,64,952
Old outlay	42,99,072	..	42,99,072	42,99,072	42,99,072
Total Works ..	97,80,781	1,35,820	99,16,601	1,02,98,752	93,64,024
II. ESTABLISHMENT	22,84,747	27,721	23,12,468	23,86,382	22,15,308
III. TOOLS AND PLANT	9,24,272	..	9,24,272	9,26,072	9,24,272
IV. SUSPENSE ACCOUNTS	..	..	..	..	..
Grand Total ..	1,29,89,800	1,63,541	1,31,53,341	1,38,11,206	1,25,03,604
V. <i>Less—RECEIPTS ON CAPITAL ACCOUNT</i>	1,526	..	1,526	1,526	1,526
Net Total ..	1,29,88,274	1,63,541	1,31,51,815	1,36,09,680	1,25,02,078
<i>Apportionment—</i>					
Chargeable to 49. Irrigation	1,29,88,274	1,63,541	1,31,51,815	..	..
Chargeable to 43. Minor Works and Navigation—	..	..	..	..	..
Imperial	..	..	..	..	..
Provincial	..	..	..	..	..
Total ..	1,29,88,274	1,63,541	1,31,51,815	..	..

GÖDÄVARI DELTA SYSTEM—Canal Project.

No. 3.—Revenue Account for and to end of 1917-1918.

Receipts.	TOTAL.			Charges.	TOTAL.		
	Previous.	1917-1918.	Total.		Previous.	1917-1918.	Total.
I. DIRECT RECEIPTS—	RS.	RS.	RS.	I. EXTENSIONS AND IMPROVEMENTS—	RS.	RS.	RS.
3. Sale of water ..	2,866	1,456	4,322	(1) Head works ..	74,275	8,259	82,534
4. Water-supply of towns ..	10,153	846	10,999	(2) Main canals and branches ..	4,88,125	16,408	5,03,533
5. Receipts from plantations ..	3,19,667	4,133	3,23,740	(3) Distributaries ..	8,52,902	11,458	6,64,360
6. Receipts from other canal produce ..	4,55,687	20,032	4,75,719	(4) Drainage and protective works ..	71,813	5,761	77,574
8. Navigation receipts ..	38,41,705	1,05,569	39,47,274	Total ..	12,87,115	40,886	13,28,001
9. Rents of buildings ..	10,468	434	10,902	II. MAINTENANCE AND REPAIRS—			
10. Fines ..	4,261	102	4,363	(1) Head works ..	13,75,910	24,600	14,00,510
11. Miscellaneous ..	3,03,249	4,503	3,07,752	(2) Main canals and branches ..	55,99,892	1,05,922	57,05,814
Total, Revenue realized in Public Works Department ..	49,47,996	1,87,076	50,85,071	(3) Distributaries ..	30,04,787	1,18,104	31,22,891
Irrigation Revenue realized in Civil Department ..	12,40,97,431	39,45,416	12,80,42,847	(4) Drainage and protective works ..	12,45,580	51,435	12,97,015
Total, Direct Receipts.	12,90,45,427	40,82,491	13,21,27,918	Add—Unclassifiable outlay ..	27,27,543	..	27,27,543
II. INDIRECT RECEIPTS—				Total ..	1,39,53,717	3,00,061	1,42,53,778
Share of land revenue collected in the Civil Department ..	95,46,041	1,92,006	97,38,046	Total, Extensions and Improvements and Maintenance and Repairs ..	1,52,40,832	3,40,947	1,55,81,779
Total, Public Works and Civil Departments, Revenue ..	13,95,91,468	42,74,496	14,28,65,964	IV. ESTABLISHMENT ..	1,07,50,418	3,17,016	1,10,67,434
Total, Receipts ..	13,85,91,468	42,74,496	14,28,65,964	V. TOOLS AND PLANT ..	25,70,947	83,742	26,54,689
				VI. REFUNDS OF REVENUE ..	16,650	271	16,921
				Total, Direct Charges ..	2,85,80,847	7,41,976	2,93,22,823
				Share of collection charges in the Civil Department ..	74,55,892	2,06,704	76,62,596
				Indirect charges ..	17,75,234	44,382	18,19,616
				Total, Direct and Indirect Charges ..	3,78,11,973	9,93,062	3,88,05,035
				Balance, net revenue ..	10,07,79,495	32,81,434	10,40,60,929
				Grand Total ..	13,85,91,468	42,74,496	14,28,65,964

No. 4.—Interest Account for and to end of 1917-1918.

	Amount.			Amount.	
	RS.			RS.	
Total interest charges to end of 1916-17 ..	2,17,88,426		Net revenue realized to end of 1916-17 ..	10,07,79,495	
Total interest charges for the year 1917-18 ..	4,53,923		Net revenue realized during 1917-18 ..	32,81,434	
Balance, net revenue ..	8,15,18,550				
Total ..	10,40,60,929		Total ..	10,40,60,929	

GÖDÄVARI DELTA SYSTEM—Canal Project.

No. 5.—Account of Indirect Charges for and to end of 1917-1918.

Particulars.	Previous.	1917-1918.	Total.
CAPITAL—	RS.	RS.	RS.
Capitalization of abatement of land revenue ..	15,24,142	..	15,24,142
Leave and pension allowances ..	4,38,573	3,881	4,42,554
Total ..	19,62,815	3,881	19,66,696
REVENUE—			
Capitalization of abatement of land revenue ..	1,01,936	..	1,01,936
Leave and pension allowances ..	16,73,298	44,382	17,17,680
Total ..	17,75,234	44,382	18,19,616
Grand Total ..	37,38,049	48,263	37,86,312

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. & date.	Amount of estimate.
Direct Charges.	RS.	RS.	RS.	RS.	RS.	RS.	RS.		RS.
Works ..	79,85,366	13,78,658	93,64,024	5,52,577	9,34,728	3,82,151	99,16,601	223 L., 12th June 1912.	3,73,500
Establishment ..	19,55,654	2,59,654	22,15,308	97,160	1,71,074	73,914	23,12,468	507 L., 8th Oct. 1914.	3,500
Tools and plant ..	8,69,822	54,450	9,24,272	..	1,800	1,800	9,24,272	167 L., 28th Mar. 1915.	6,569
Suspense account ..	..	..	..	..	..	..	..	275 L., 4th June 1915.	8,470
Total ..	1,08,10,842	16,92,762	1,25,03,604	6,49,737	11,07,602	4,57,865	1,31,53,341	398 L., 16th Aug. 1915.	61,200
Leas—Receipts on capital account ..	983	593	1,526	..	..	..	1,526	405 L., 26th Aug. 1915.	42,670
Net Total ..	1,08,09,909	16,92,169	1,25,02,078	6,49,737	11,07,602	4,57,865	1,31,51,815	497 L., 11th Nov. 1915.	10,606
Indirect Charges								473 L., 28th Oct. 1915.	1,780
Capitalized abatement of land revenue ..	14,95,991	28,151	15,24,142	..	..	..	15,24,142	523 L., 25th Nov. 1915.	51,330
Leave and pension allowances ..	3,92,601	36,350	4,28,951	13,603	..	—13,603	4,42,554	137 L., 22nd Mar. 1916.	2,000
Total ..	18,88,592	64,501	19,53,093	13,603	..	—13,603	19,66,696	162 L., 14th April 1916.	1,400
Grand Total, ...	1,26,98,501	17,56,670	1,44,55,171	6,63,340	11,07,602	4,44,262	1,51,18,511	223 L., 20th May 1916.	28,148
								287 L., 3rd July 1916.	9,440
								348 L., 12th Aug. 1916.	1,040
								521 L., 18th Nov. 1916.	31,709
								47 L., 1st Feb. 1917.	47,000
								69 L., 10th Feb. 1917.	4,800
								262 L., 15th June 1917.	3,900
								183 L., 10th May 1917.	57,702
								265 L., 28th June 1917.	1,45,300
								366 L., 1st Sept. 1917.	13,200
								385 L., 17th Sept. 1917.	13,450
								415 L., 10th Oct. 1917.	6,049
								Mis. 444 L., 25th October 1917.	2,850
								Mis. 472 L., 16th November 1917.	4,240
								Mis. 179 L., 26th March 1918.	2,950
								Total ..	9,34,728

IRRIGATION BRANCH.

PUBLIC WORKS DEPARTMENT.

KISTNA DELTA SYSTEM—Canal Project.

No. 2.—Capital Account for and to end of 1917-1918.

Heads of account.	DIRECT CHARGES.			Cost of construction as now estimated (construction estimate closed on 31st March 1898).	Expenditure against closed estimate.
	Previous.	1917-1918.	Total.		
I. WORKS—	RS.	RS.	RS.	RS.	RS.
(1) <i>Head Works—</i>					
B. Land	12,782	..	12,782	12,782	12,782
C. Works	6,64,739	674	6,65,413	6,65,413	6,65,413
K. Buildings	1,02,837	65	1,02,902	1,02,902	1,02,902
O. Miscellaneous	2,971	..	2,971	2,971	2,971
Total ..	7,83,079	739	7,83,818	7,83,841	7,83,841
(2) <i>Main Canals and Branches—</i>					
A. Preliminary expenses	1,203	..	1,203	1,203	1,203
B. Land	1,00,726	..	1,00,726	1,00,726	1,00,726
D. Regulators	2,32,669	..	2,32,669	2,32,669	2,32,669
E. Falls and weirs	18,119	..	18,119	18,119	18,119
F. River and hill torrent works	4,43,712	..	4,43,712	4,43,712	4,43,712
F. (1) Other cross drainage works	97,904	..	97,904	97,904	97,904
G. Bridges	1,68,450	..	1,68,450	1,68,450	1,68,450
H. Escapes	82,219	1,855	84,074	84,013	81,513
I. Navigation works	6,60,445	761	6,61,207	6,61,192	6,61,192
K. Buildings	1,47,156	..	1,47,156	1,47,156	1,47,156
L. Earthwork	19,76,282	..	19,76,282	19,77,777	19,76,287
N. Tanks and reservoirs	1,213	..	1,213	1,213	1,213
O. Miscellaneous	1,40,954	583	1,41,537	1,41,513	1,41,513
Total ..	40,71,053	3,192	40,74,252	40,75,657	40,71,667
(3) <i>Distributaries—</i>					
A. Preliminary expenses	4,171	..	4,171	4,171	4,171
B. Land	3,62,567	3,379	3,65,946	3,64,820	3,67,980
C. Works	6,35,660	4,886	6,40,546	6,55,921	6,39,898
L. Earthwork	8,74,458	4,120	8,78,578	8,90,076	8,78,071
O. Miscellaneous	85,388	127	85,515	87,672	85,367
Total ..	19,62,144	12,512	19,74,656	20,02,660	19,60,485
(4) <i>Drainage and Protective Works—</i>					
A. Preliminary expenses	774	..	774	774	774
B. Land	1,24,918	19,846	1,44,764	1,84,369	1,22,408
C. Works	3,39,746	4,044	3,43,790	3,47,738	3,38,628
L. Earthwork	15,15,056	59,624	15,74,680	16,07,113	15,11,551
O. Miscellaneous	41,135	6,018	47,153	46,290	40,862
P. Maintenance	2,985	..	2,985	2,985	2,985
Total ..	20,24,614	89,532	21,14,146	21,89,269	20,17,219
Provision for unforeseen works	..	..	..	..	..
Total outlay on current sanctions	88,40,890	1,05,982	89,46,872	90,51,427	88,33,212
Old outlay	30,81,755	..	30,81,755	30,81,755	30,81,755
Total, Works ..	1,19,22,645	1,05,982	1,20,28,627	1,21,33,182	1,19,14,967
II. ESTABLISHMENT	26,51,790	17,998	26,69,788	26,86,894	26,56,346
II. TOOLS AND PLANT	7,00,074	..	7,00,074	7,00,074	7,00,074
Grand Total ..	1,52,74,509	1,23,980	1,53,98,489	1,55,20,160	1,52,71,387
V. Less—RECEIPTS ON CAPITAL ACCOUNT	18,540	..	18,540	18,540	18,540
Net Total ..	1,52,55,969	1,23,980	1,53,79,949	1,55,01,610	1,52,52,847
Apportionment—					
Chargeable to 49. Irrigation	1,52,55,969	1,23,980	1,53,79,949	..	..
Chargeable to 43. Minor Works and Navigation—	..	..	..	..	..
Imperial	..	..	..	..	..
Provincial	..	..	..	..	..
Total ..	1,52,55,969	1,23,980	1,53,79,949	..	..

ADMINISTRATIVE ACCOUNTS FOR THE YEAR 1917-18.

MADRAS PRESIDENCY.

KISTNA DELTA SYSTEM—Canal Project.

No. 3.—Revenue Account for and to end of 1917-1918.

Receipts.	TOTAL.			Charges.	TOTAL.		
	Previous.	1917-1918.	Total.		Previous.	1917-1918.	Total.
I. DIRECT RECEIPTS—	RS.	RS.	RS.	I. EXTENSIONS AND IMPROVEMENTS—	RS.	RS.	RS.
3. Sale of water	3,200	631	3,831	(1) Head works	92,797	462	1,00,259
4. Water-supply of towns	55,460	..	55,460	(2) Main canals and branches	4,06,391	764	4,07,155
5. Receipts from plantations	2,91,213	19,143	3,10,356	(3) Distributaries	5,12,098	7,989	5,21,087
6. Receipts from other canal produce	5,45,165	19,290	5,64,455	(4) Drainage and protective works	76,979	46,266	1,23,245
7. Water power	831	..	831	Total ..	10,96,265	55,481	11,51,746
8. Navigation receipts	15,63,965	78,301	16,42,266	II. MAINTENANCE AND REPAIRS—			
9. Rents of buildings	59,045	1,859	60,904	(1) Head works	7,81,172	1,684	7,82,856
10. Fines	577	6	583	(2) Main canals and branches	53,14,560	1,46,062	54,60,622
11. Miscellaneous	94,519	3,416	97,935	(3) Distributaries	26,53,417	82,915	27,36,332
Total, Revenue realized in Public Works Department	26,14,105	1,22,645	27,36,751	(4) Drainage and protective works	4,87,688	11,390	4,99,078
Irrigation Revenue realized in Civil Department	9,41,24,544	34,54,197	9,75,78,741	Add—Unclassifiable outlay	9,10,934	..	9,10,934
Total, Direct Receipts ..	9,67,38,749	35,76,842	10,03,15,592	Total ..	1,07,47,791	2,41,851	1,09,89,642
II. INDIRECT REVENUE—				Total, Extensions and Improvements and Maintenance and Repairs	1,18,44,056	2,97,332	1,21,41,388
Share of land revenue collected in the Civil Department	73,33,809	1,34,814	74,68,623	IV. ESTABLISHMENT	83,87,438	2,75,341	86,62,779
Total, Public Works and Civil Departments Revenue	10,40,72,558	37,11,657	10,77,84,215	V. TOOLS AND PLANT	13,51,144	30,570	13,81,714
Total, Receipts ..	10,40,72,558	37,11,657	10,77,84,215	VI. REFUNDS OF REVENUE	23,393	168	23,561
				Total, Direct Charges ..	2,21,05,031	6,03,431	2,27,08,462
				Share of collection charges in the Civil Department	54,28,330	1,78,497	56,06,827
				Indirect charges	12,91,373	38,548	13,29,921
				Total, Direct and Indirect Charges ..	2,88,25,734	8,20,476	2,96,46,210
				Balance, net revenue	7,52,46,824	28,91,211	7,81,38,035
				Grand Total ..	10,40,72,558	37,11,657	10,77,84,215

No. 4.—Interest Account for and to end of 1917-1918.

	Amount.		Amount.
Total interest charges to end of 1916-17 ..	RS. 1,94,48,118	Net revenue realized to end of 1916-17 ..	RS. 7,52,46,824
Total interest charges for the year 1917-18 ..	5,31,993	Net revenue realized during 1917-18 ..	28,91,211
Balance, net revenue	5,81,57,924		..
Total ..	7,81,38,035	Total ..	7,81,38,035

IRRIGATION BRANCH.

PUBLIC WORKS DEPARTMENT.

KISTNA DELTA SYSTEM—Canal Project.

No. 5.—Account of Indirect Charges for and to end of 1917-1918.

Particulars.	Previous.	1917-1918.	Total.
CAPITAL—	RS.	RS.	RS.
Capitalization of abatement of land revenue	6,05,576	86	6,05,662
Leave and pension allowances	4,49,181	2,520	4,51,711
Total ..	10,54,757	2,606	10,57,373
REVENUE—			
Capitalization of abatement of land revenue	25,285	..	25,285
Leave and pension allowances	12,56,088	38,548	13,04,636
Total ..	12,81,373	38,548	13,23,921
Grand total ..	23,46,140	41,154	23,87,294

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.
Direct Charges.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	Direct Charges.	RS.
Works	94,90,888	24,24,079	1,19,14,967	1,13,660	2,18,215	1,04,555	1,20,23,627	156 L, 18th Mar. 1916.	8,000
Establishment	22,14,258	4,42,088	26,56,346	13,442	30,548	17,106	26,69,788	332 L, 5th July 1916.	4,570
Tools and plant	6,60,944	39,130	7,00,074	..	..	..	7,00,074	155 L, 8rd May 1916.	56,400
Suspense account	..	..	..	..	..	..	..	289 L, 7th July 1916.	1,550
Total ..	1,23,66,090	29,05,297	1,52,71,387	1,27,102	2,48,763	1,21,661	1,53,98,489	304 L, 13th July 1916.	1,225
Less—Receipts on Capital Account.	15,400	3,140	18,540	..	..	..	18,540	396 L, 7th Sept. 1916.	34,000
Net Total ..	1,23,50,690	29,02,157	1,52,52,847	1,27,102	2,48,763	1,21,661	1,53,79,949	480 L, 25th Sept. 1916.	2,190
Indirect Charges.								480 L, 25th Sept. 1916.	10,610
Capitalized abatement of land revenue	4,53,037	1,52,625	6,05,662	..	..	..	6,05,662	483 L, 11th Oct. 1916.	2,850
Leave and pension allowances	3,87,938	61,892	4,49,830	1,881	..	— 1,881	4,51,711	464 L, 11th Oct. 1916.	3,500
Total ..	8,40,975	2,14,517	10,55,492	1,881	..	— 1,881	10,57,373	615 L, 10th Nov. 1916.	2,500
Grand Total ..	1,31,91,665	31,16,674	1,63,08,339	1,28,983	2,48,763	1,19,780	1,64,37,232	588 L, 16th Dec. 1916.	2,350
								280 L, 26th Jan. 1917.	23,200
								362 L, 28th ..	2,300
								314 L, 27th July 1917.	7,555
								Do.	1,555
								411 L, 26th Oct. 1917.	16,500
								445 L, 29th ..	22,800
								Mis. 451 L, 2nd Nov. 1917.	1,250
								14 L, 8th Jan. 1918.	11,800
								Mis. 78 L, 21st Feb. 1918.	1,300
								Total ..	2,18,215

ADMINISTRATIVE ACCOUNTS FOR THE YEAR 1917-18.

MADRAS PRESIDENCY.

DIVI PUMPING SYSTEM—Canal Project.

No. 2.—Capital Account for and to end of 1917-1918.

Heads of account.	DIRECT CHARGES.			Cost of construction as now estimated. Construction estimate closed on 31st October 1913.	Expenditure against closed estimate.
	Previous.	1917-1918.	Total.		
1	2	3	4	5	6
I. WORKS—	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	4,13,874	..	4,13,874	4,08,627	4,08,627
O. Miscellaneous	15,520	..	15,520	14,897	14,897
P. Maintenance	4,070	..	4,070	4,071	4,071
Unforeseen Works	..	..	..	..	..
Total ..	6,03,521	..	6,03,521	6,03,642	6,03,642
(2) <i>Main Canals and Branches—</i>					
A. Preliminary expenses	..	..	..	..	..
B. Land	35,782	..	35,782	35,781	35,781
D. Regulators	27,998	..	27,998	28,412	28,412
E. Falls and weirs	..	..	..	..	..
F. River and hill torrent works	..	..	..	..	..
F. (1) Other cross drainage works	..	..	..	..	..
G. Bridges	28,788	..	28,788	37,526	37,526
H. Escapes	..	..	..	..	..
I. Navigation works	..	..	..	..	..
K. Buildings	..	..	..	..	..
L. Earthwork	1,07,864	..	1,07,864	1,07,866	1,07,866
N. Tanks and reservoirs	..	..	..	..	..
O. Miscellaneous	10,997	..	10,997	1,945	1,945
P. Maintenance	4,516	..	4,516	4,516	4,516
Unforeseen Works	..	..	..	..	..
Total ..	2,15,945	..	2,15,945	2,16,046	2,16,046
(3) <i>Distributaries—</i>					
A. Preliminary expenses	7,997	..	7,997	4,455	4,455
B. Land	33,766	..	33,766	33,728	33,728
C. Works	26,388	..	26,388	9,000	9,000
L. Earthwork	78,267	..	78,267	92,619	92,619
O. Miscellaneous	10,532	..	10,532	16,891	16,891
Unforeseen works	..	..	..	..	..
Total ..	1,56,950	..	1,56,950	1,56,693	1,56,693
(4) <i>Drainage and Protective Works—</i>					
A. Preliminary expenses	..	..	..	6,935	..
B. Land	..	..	..	26,914	8,994
C. Works	..	..	..	54,529	24,903
L. Earthwork	..	..	..	5,971	..
O. Miscellaneous	..	..	..	..	..
P. Maintenance	..	..	..	..	..
Lump sum provision	..	..	..	..	..
Total ..	54,850	16,921	71,771	94,348	33,897
Total outlay on current sanctions ..	10,31,266	16,921	10,48,187	10,70,729	10,10,278
II. ESTABLISHMENT	1,95,917	3,283	1,99,200	2,03,598	1,92,123
III. TOOLS AND PLANT	6,73,427	..	6,73,427	7,32,427	6,73,427
Grand Total ..	19,00,610	20,204	19,20,814	20,06,754	18,75,828
V. Less—RECEIPTS ON CAPITAL ACCOUNT ..	377	..	377	377	377
Net Total ..	19,00,233	20,204	19,20,437	20,06,377	18,75,451
Appropriation—					
Chargeable to 49. Irrigation	18,83,279	20,204	19,03,483	..	..
Do. to 48. do. Provincial	16,954	..	16,954	..	..
Total ..	19,00,233	20,204	19,20,437	..	..

IRRIGATION BRANCH.

PUBLIC WORKS DEPARTMENT.

DIVI PUMPING SYSTEM—Canal Project.

No. 3.—Revenue Account for and to end of 1917-1918.

Receipts.	TOTAL.			Charges.	TOTAL.		
	Previous.	1917-1918.	Total.		Previous.	1917-1918.	Total.
I. DIRECT RECEIPTS—	RS.	RS.	RS.	I. EXTENSIONS AND IMPROVEMENTS—	RS.	RS.	RS.
3. Sale of water ..	..	..	..	(1) Head works ..	1,613	..	1,613
4. Water-supply of towns ..	..	..	..	(2) Main canals and branches ..	1,137	..	1,137
5. Receipts from plantations ..	328	5	333	(3) Distributaries ..	4,250	567	4,817
6. Receipts from other canal produce ..	2,743	1,025	3,768	(4) Drainage and protective works ..	986	1,487	2,473
8. Navigation receipts ..	558	..	558	Total ..	7,986	2,054	10,040
9. Rents of buildings ..	1,407	419	1,826	II. MAINTENANCE AND REPAIRS—			
10. Fines ..	..	..	..	(1) Head works ..	4,00,967	42,697	4,43,664
11. Miscellaneous ..	326	3	329	(2) Main canals and branches ..	23,932	3,649	27,581
				(3) Distributaries ..	28,740	1,032	29,772
				(4) Drainage and protective works ..	633	..	639
Total, Revenue realized in Public Works Department ..	5,362	1,462	6,814	Add—Unclassifiable outlay ..	..	..	..
Irrigation Revenue realized in Civil Department ..	8,80,532	1,44,808	10,25,340	Total ..	4,54,278	47,378	5,01,656
Total, Direct Receipts ..	8,85,894	1,46,260	10,32,154	Total, Extensions and Improvements and Maintenance and Repairs ..	4,62,264	49,432	5,11,696
II. INDIRECT RECEIPTS—				IV. ESTABLISHMENT ..	1,49,776	19,010	1,68,786
Share of land revenue collected in the Civil Department ..	97,375	22,156	1,19,531	V. TOOLS AND PLANT ..	55,739	2,875	58,614
				VI. REFUNDS OF REVENUE ..	14	1	15
Total, Public Works and Civil Departments, Revenue ..	9,83,269	1,68,416	11,51,685	Total, Direct Charges ..	6,67,793	71,318	7,39,111
				Share of collection charges in the Civil Department ..	47,142	7,552	54,694
				Indirect charges ..	20,969	2,682	23,651
				Total, Direct and Indirect Charges ..	7,35,904	81,532	8,17,436
				* Deduct—Old maintenance charges saved to Government ..	76,916	15,348	92,264
				Net Total ..	6,58,958	66,184	7,25,142
				Balance, net revenue ..	3,24,311	1,02,232	4,26,543
Total, Receipts ..	9,83,269	1,68,416	11,51,685	Grand Total ..	9,83,269	1,68,416	11,51,685

• Direct—

Extension and improvements ..	..	..	..	..	..	..	..	..	..	RS.
Maintenance and repairs ..	..	..	..	..	..	..	..	..	..	49
Establishment ..	..	..	..	..	..	..	..	..	..	12,131
Tools and plant ..	..	..	..	..	..	..	..	..	..	2,619
	..	..	..	..	..	..	..	..	..	182
										14,981
Indirect ..	..	..	..	..	..	..	..	..	..	367
										15,348

No. 4.—Interest Account for and to end of 1917-1918.

	Amount.		Amount.
	RS.		RS.
Total interest charges to end of 1916-17 ..	6,23,346	Net revenue realized to end of 1916-17 ..	3,24,311
Total interest charges for the year 1917-18 ..	66,345	Net revenue realized during 1917-18 ..	1,02,232
		Balance net interest charge ..	2,63,149
Total ..	6,94,692	Total ..	6,94,692

ADMINISTRATIVE ACCOUNTS FOR THE YEAR 1917-18.

MADRAS PRESIDENCY.

DIVI PUMPING SYSTEM—Canal Project.

No. 5.—Account of Indirect Charges for and to end of 1917-1918.

Particulars.	Previous.	1917-1918.	Total.
CAPITAL—	RS.	RS.	RS.
Capitalization of abatement of land revenue ..	782	1,040	1,822
Leave and pension allowances ..	27,428	460	27,888
Total ..	28,210	1,500	29,710
REVENUE—			
Capitalization of abatement of land revenue ..	..	..	..
Leave and pension allowances ..	20,969	2,682	23,651
Total ..	20,969	2,682	23,651
Grand Total ..	49,179	4,182	53,361

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

Particulars.	CHARGES AGAINST CLOSED SANCTIONS.			CURRENT SANCTIONS.			Total charges to date against old and current sanctions.	REMARKS.	
	Expenditure against construction estimate.	Expenditure against open canal sanctions.	Total.	Charges to date.	Amount of sanctioned estimate.	Unspent balance of estimate.		G.O. No. and date.	Amount of estimate.
Direct Charges.	RS.	RS.	RS.	RS.	RS.	RS.	RS.		RS.
Works ..	9,86,285	23,993	10,10,278	37,909	60,451	22,542	10,48,187		
Establishment ..	1,87,250	4,873	1,92,123	7,077	11,475	4,398	1,99,200		
Tools and plant ..	6,71,389	2,038	6,73,427	..	59,000	59,000	6,73,427		
Suspense account ..	..	..	..	..	..	..	..		
Total ..	18,44,924	30,904	18,75,828	44,986	1,30,926	85,940	19,20,814	Total ..	
Less—Receipts on Capital Account ..	377	..	377	..	..	..	377		
Net Total ..	18,44,547	30,904	18,75,451	44,986	1,30,926	85,940	19,20,437	415 I., dated 14th September 1916.	Direct—12,221
Indirect Charges.								417 I., dated 14th September 1916.	4,200
Capitalized abatement of land revenue ..	379	338	777	1,045	..	— 1,045	1,822	533 I., dated 17th November 1916.	19,500
Leave and pension allowances ..	26,215	682	26,897	991	..	— 991	27,838	Mis. 509 I., dated 7th December 1917.	2,530
Total ..	26,594	1,080	27,674	2,036	..	— 2,036	29,710	Mis. 12 I., dated 5th January 1917.	22,000
Grand Total ..	18,71,141	31,984	19,03,125	47,022	1,30,926	83,904	19,50,147	Total ..	60,451

IRRIGATION BRANCH.

PUBLIC WORKS DEPARTMENT.

PENNER RIVER CANALS SYSTEM—Canal Project.

No. 2.—Capital Account for and to end of 1917-1918.

Heads of account.	DIRECT CHARGES.			Cost of construction as now estimated (construction estimate closed on 31st March 1894).	Expenditure against closed estimate.
	Previous.	1917-1918.	Total.		
1	2	3	4	5	6
I. WORKS—	RS.	RS.	RS. £	RS.	RS.
(1) <i>Head Works—</i>					
A. Preliminary expenses ..	51,130	..	51,130	51,130	51,130
B. Land ..	18,513	..	18,513	18,513	18,513
C. Works ..	7,40,984	..	7,40,984	7,40,984	7,40,984
K. Buildings ..	24,039	..	24,039	24,039	24,039
O. Miscellaneous ..	32,502	..	32,502	32,502	32,502
P. Maintenance ..	4,105	..	4,105	4,105	4,105
Total ..	8,71,273	..	8,71,273	8,71,273	8,71,273
(2) <i>Main Canals and Branches—</i>					
A. Preliminary expenses ..	506	..	506	506	506
B. Land ..	3,87,208	..	3,87,208	3,87,208	3,87,208
D. Regulators ..	2,12,582	..	2,12,582	2,12,582	2,12,582
E. Falls and weirs ..	36,643	..	36,643	36,643	36,643
F. River and hill torrent works ..	1,559	..	1,559	1,559	1,559
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 ..	17,789	..	17,789	17,789	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	3,74,582	3,74,582
O. Miscellaneous ..	23,942	..	23,942	23,942	23,942
P. Maintenance ..	22,082	..	22,082	22,082	22,082
Total ..	15,63,675	..	15,63,675	15,63,675	15,63,675
<i>Reservoirs—</i>					
B. Land ..	159	..	159	159	159
C. Works ..	38,944	..	38,944	38,944	38,944
L. Earthwork ..	40,176	..	40,176	40,176	40,176
O. Miscellaneous ..	132	..	132	132	132
Total ..	79,411	..	79,411	79,411	79,411
(3) <i>Distributaries—</i>					
A. Preliminary expenses ..	100	..	100	100	100
B. Land ..	88,248	..	88,248	88,248	88,248
C. Works ..	4,54,903	..	4,54,903	4,54,903	4,54,903
L. Earthwork ..	5,46,241	..	5,46,241	5,46,241	5,46,241
N. Tanks and reservoirs ..	1,15,250	..	1,15,250	1,15,250	1,15,250
O. Miscellaneous ..	16,981	..	16,981	16,981	16,981
P. Maintenance ..	9,469	..	9,469	9,469	9,469
Total ..	12,31,192	..	12,31,192	12,31,192	12,31,192
(4) <i>Drainage and Protective Works—</i>					
B. Land ..	27,998	..	27,998	27,998	27,998
C. Works ..	65,463	1,311	67,264	64,461	63,961
L. Earthwork ..	2,29,927	7,195	2,37,122	2,31,107	2,29,927
O. Miscellaneous ..	1,599	..	1,599	1,709	1,599
Total ..	3,24,977	9,006	3,33,983	3,25,494	3,21,704
Total outlay on current sanctions ..	40,70,528	9,006	40,79,534	40,69,206	40,68,941
Old outlay ..	5,26,117	..	5,26,117	5,26,117	5,26,117
Total, Works ..	45,96,645	9,006	46,05,651	46,15,323	45,95,058
II. ESTABLISHMENT ..	9,54,801	421	9,55,222	9,57,574	9,54,801
III. TOOLS AND PLANT ..	1,44,158	..	1,44,158	1,44,158	1,44,158
Grand Total ..	56,95,604	9,427	57,05,031	57,17,655	56,94,017
V. <i>Less—RECEIPTS ON CAPITAL ACCOUNT</i> ..	2,858	..	2,858	2,858	2,858
Net Total ..	56,92,746	9,427	57,02,173	57,14,197	56,91,159
<i>Appropriation—</i>					
Chargeable to 49. Irrigation ..	56,92,746	9,427	57,02,173	..	..
Chargeable to 43. Minor Works and Navigation—					
Imperial ..	..	..	..	..	..
Provincial ..	..	..	..	..	..
Total ..	56,92,746	9,427	57,02,173	..	..

ADMINISTRATIVE ACCOUNTS FOR THE YEAR 1917-18.

MADRAS PRESIDENCY.

PENNER RIVER CANALS SYSTEM—Canal Project.

No. 3.—Revenue Account for and to end of 1917-1918.

Receipts.	TOTAL.			Charges.	TOTAL.		
	Previous.	1917-1918.	Total.		Previous.	1917-1918.	Total.
I. DIRECT RECEIPTS—	RS.	RS.	RS.	I. EXTENSIONS AND IMPROVEMENTS—	RS.	RS.	RS.
5. Receipts from plantations ..	1,886	..	1,886	(1) Head works ..	12,415	12	12,427
6. Receipts from other canal produce ..	62,948	1,891	64,839	(2) Main canals and branches ..	86,055	929	86,984
9. Rents of buildings ..	7,427	499	7,926	(3) Distributaries ..	2,34,294	1,658	2,35,952
10. Fines ..	6	..	6	(4) Drainage and protective works ..	21,399	24	21,423
11. Miscellaneous ..	2,168	99	2,267	Add—Unclassifiable outlay ..	8,370	..	8,370
Total, Revenue realized in Public Works Department ..	74,435	2,489	76,924	Total ..	3,62,533	2,623	3,65,156
Irrigation revenue realized in Civil Department ..	1,25,70,749	5,65,978	1,31,36,727	II. MAINTENANCE AND REPAIRS—			
Total, Direct Receipts ..	1,26,45,184	5,68,467	1,32,13,651	(1) Head works ..	3,67,043	1,171	3,68,214
II. INDIRECT RECEIPTS—				(2) Main canals and branches ..	7,14,333	46,028	7,60,361
Share of land revenue collected in the Civil Department ..	16,69,887	59,660	17,29,547	(3) Distributaries ..	8,60,375	3,422	8,63,797
Total, Public Works and Civil Departments, Revenue ..	1,43,15,071	6,28,127	1,49,43,198	(4) Drainage and protective works ..	50,427	5,349	55,776
				Add—Unclassifiable outlay ..	23,236	..	23,236
				Total ..	20,15,414	55,970	20,71,384
				III. COMPENSATION ..	7,390	..	7,390
				Total, Extensions and Improvements and Maintenance and Repairs ..	23,85,337	58,593	24,43,930
				IV. ESTABLISHMENT ..	13,15,652	40,357	13,62,009
				V. TOOLS AND PLANT ..	26,455	272	26,727
				VI. REFUNDS OF REVENUE ..	1,873	..	1,873
				Total, Direct Charges ..	37,29,317	1,05,222	38,34,539
				Share of collection charges in the Civil Department ..	7,41,659	30,654	7,72,313
				Indirect charges ..	2,30,423	8,490	2,38,913
				Total, Direct and Indirect Charges ..	47,01,399	1,42,366	48,43,765
				* Deduct—Old maintenance charges saved to Government ..	17,80,810	36,982	17,67,792
				Net Total ..	29,70,589	1,05,384	30,75,973
				Balance, net revenue ..	1,13,44,482	5,22,743	1,18,67,225
Total, Receipts ..	1,43,15,071	6,28,127	1,49,43,198	Grand Total ..	1,43,15,071	6,28,127	1,49,43,198

* Direct—	RS.
Extensions and improvements ..	3,909
Maintenance and repairs ..	25,744
Establishment ..	6,375
Tools and plant ..	82
Total ..	36,090
Indirect ..	892
Total, Direct and Indirect ..	36,982

No. 4.—Interest Account for and to end of 1917-1918.

	Amount.		Amount.
Total interest charges to end of 1916-1917 ..	72,86,580	Net revenue realised to end of 1916-1917 ..	1,13,44,482
Total interest charges for the year 1917-1918 ..	1,97,873	Net revenue realised during 1917-1918 ..	5,22,743
Balance, net revenue ..	43,82,772		
Total ..	1,18,57,225	Total ..	1,18,67,225

IRRIGATION BRANCH.

PUBLIC WORKS DEPARTMENT.

PENNER RIVER CANALS SYSTEM—Canal Project.

No. 5.—Account of Indirect Charges for and to end of 1917-1918.

Particulars.	Previous.	1917-1918.	Total.
CAPITAL—			
Capitalization of abatement of land revenue	Rs. 8,56,767	Rs. .. 59	Rs. 8,56,767
Leave and pension allowances	1,55,987	..	1,55,987
Total ..	10,12,754	59	10,12,813
REVENUE—			
Capitalization of abatement of land revenue	32,761	..	32,761
Leave and pension allowances	1,97,662	6,490	2,04,152
Total ..	2,30,423	6,490	2,36,913
Grand Total ..	12,43,177	6,549	12,49,726

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

Particulars.	CHARGES AGAINST CLOSED SANCTIONS.			CURRENT SANCTIONS.			Total charges to date against old and current sanctions.	REMARKS.	
	Expenditure against construction estimate.	Expenditure against open canal sanction.	Total.	Charges to date.	Amount of sanctioned estimate.	Unspent balance of estimate.		G.O. No. and date.	Amount of estimate.
Direct Charges.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.		Rs.
Works	37,49,097	8,46,961	45,95,058	10,593	20,265	9,672	46,05,651	182 I., 2nd May 1916.	1,885
Establishment	8,05,532	1,49,269	9,54,801	421	2,773	2,352	9,55,222	308 I., 18th July 1916.	2,050
Tools and plant	1,42,971	1,187	1,44,158	..	..	..	1,44,158	416 I., 14th Sep. 1916.	10,560
Suspense account	..	..	..	..	..	..	..	Mis. 123 I., 22nd Mar. 1917.	1,160
Total ..	46,97,600	9,96,417	56,94,017	11,014	23,038	12,024	57,05,031	Mis. 299 I., 20th July 1917.	2,150
Less—Receipts on Capital Account	55	2,803	2,858	..	..	..	2,858	Mis. 382 I., 12th Sep. 1917.	2,400
Net Total ..	46,97,545	9,93,614	56,91,159	11,014	23,038	12,024	57,02,173	Total ..	20,265
Indirect Charges.									
Capitalized abatement of land revenue	7,99,748	57,019	8,56,767	..	..	..	8,56,767		
Leave and pension allowances	1,35,090	20,897	1,55,987	59	..	— 59	1,56,046		
Total ..	9,34,838	77,916	10,12,754	59	..	— 59	10,12,813		
Grand Total ..	56,32,383	10,71,530	67,03,913	11,073	23,038	11,965	67,14,986		

ADMINISTRATIVE ACCOUNTS FOR THE YEAR 1917-18.

MADRAS PRESIDENCY.

KURNOOL-CHUDAPAH CANAL—Canal Project.

No. 2.—Capital Account for and to end of 1917-1918.

Heads of account.	DIRECT CHARGES.			Cost of construction as now estimated (construction estimate closed).	Expenditure against closed estimate.
	Previous.	1917-1918.	Total.		
I. WORKS—	Rs.	Rs.	Rs.	Rs.	Rs.
(1) <i>Head Works—</i>					
Purchase value	1,77,82,139	..	1,77,82,139	1,77,82,139	1,77,82,139
B. Land	661	..	661	248	..
C. Works	18,511	33	18,544	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 ..	1,78,09,365	33	1,78,09,398	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	24,392	42
D. Regulators	10,245	183	10,428	34,186	8,386
E. Falls and weirs	20,478	5	20,483	16,952	..
F. River and Hill torrent work	4,185	..	4,185	..	..
F. (1) Other cross drainage works	1,46,224	9,121	1,55,345	2,22,559	1,993
G. Bridges	26,519	2,003	28,522	37,796	..
H. Escapes	..	..	..	19,530	..
K. Buildings	12,099	..	12,099	12,083	4,710
L. Earthwork	2,24,691	7,710	2,32,401	2,57,088	22,087
M. Plantation	..	..	..	..	..
N. Tanks and reservoirs	1,076	..	1,076	..	..
O. Miscellaneous	30,674	..	30,674	30,482	15,462
P. Maintenance	2,793	..	2,793	3,000	..
Total ..	5,09,681	19,922	5,28,703	6,60,366	59,680
(3) <i>Distributaries—</i>					
A. Preliminary expenses	205	..	205	..	..
B. Land	38,760	909	39,669	..	..
C. Works	2,25,490	24,532	2,50,022	..	..
L. Earthwork	74	703	629	5,91,587	1,09,020
O. Miscellaneous	2,10,833	11,636	2,22,519	..	..
P. Maintenance	5,109	290	5,399	..	..
Unforeseen works	337	..	337	..	..
Total ..	4,81,010	38,377	5,19,387	5,91,587	1,09,020
Provision for unforeseen works	..	..	..	18,077	..
Total, Works ..	1,88,00,056	57,132	1,88,57,188	1,90,78,353	1,79,50,839
II. ESTABLISHMENT	2,11,171	10,513	2,21,784	2,65,190	37,961
III. TOOLS AND PLANT	388	306	694	11,978	..
Loss by exchange	40,80,918	..	40,80,918	40,80,918	40,80,918
Grand Total ..	2,30,92,533	68,051	2,31,60,584	2,34,26,439	2,20,69,718
V. Less—RECEIPTS ON CAPITAL ACCOUNT ..	2,24,115	2,632	2,26,747	2,26,747	2,26,747
Net Total ..	2,28,68,418	65,419	2,29,33,837	2,32,09,692	2,18,42,971
Apportionment—					
Chargeable to 49. Irrigation	2,18,53,559	10,114	2,18,53,673	..	..
to 49. Minor Works and Navigation—					
Imperial	..	..	..	..	..
Provincial	9,77,437	55,305	10,32,742	..	..
Chargeable to 33. Famine Relief—					
Imperial	37,723	..	37,723	..	..
Provincial	— 301	..	— 301	..	..
Total ..	2,28,68,418	65,419	2,29,33,837	..	..

KURNOOL-CUDDAPAH CANAL—Canal Project.
No. 3.—Revenue Account for and to end of 1917-1918.

Receipts.	TOTAL.			Charges.	TOTAL.		
	Previous.	1917-1918.	Total.		Previous.	1917-1918.	Total.
I. DIRECT RECEIPTS—				I. EXTENSIONS AND IMPROVEMENTS—			
1. Water-rates from irrigation ..	35,98,514	..	35,98,514	(1) Head works ..	46,052	..	46,052
2. Sale of water ..	93	..	93	(2) Main canals and branches ..	2,39,169	38,504	2,77,673
3. Water-supply of towns ..	62,711	1,271	63,982	(3) Distributaries ..	69,011	1,063	70,074
4. Receipts from plantations ..	19,727	554	20,281	(4) Drainage and protective works ..	13,251	..	13,251
5. Receipts from other canal produce ..	1,27,398	2,394	1,29,792	Add—Unclassifiable outlay ..	566	..	566
6. Navigation receipts ..	73,961	1,584	75,545	Total ..	3,68,048	39,567	4,07,615
7. Rents of buildings ..	25,142	1,232	26,374	II. MAINTENANCE AND REPAIRS—			
8. Fines ..	72	..	72	(1) Head works ..	1,76,670	19,196	1,95,866
9. Miscellaneous ..	66,924	6,464	73,388	(2) Main canals and branches ..	22,75,688	93,418	23,72,006
Total, Revenue realized in Public Works Department ..	39,74,542	13,499	39,88,041	(3) Distributaries ..	3,29,134	4,228	3,33,362
Irrigation Revenue realized in Civil Department ..	20,02,212	2,55,831	22,58,043	(4) Drainage and protective works ..	20,103	..	20,103
Total, Direct Receipts ..	59,76,754	2,69,330	62,46,084	Add—Unclassifiable outlay ..	11,150	..	11,150
II. INDIRECT RECEIPTS—				Total ..	28,15,650	1,16,842	29,32,492
Share of land revenue collected in the Civil Department ..	13,652	1,833	15,485	Total, Extensions and Improvements and Maintenance and Repairs ..	31,83,898	1,56,409	33,40,107
Total, Public Works and Civil Departments, Revenue ..	59,90,406	2,71,163	62,61,569	IV. ESTABLISHMENT ..	11,09,381	49,427	11,58,808
Total, Receipts ..	59,90,406	2,71,163	62,61,569	V. TOOLS AND PLANT ..	1,02,436	1,687	1,04,123
				VI. REFUNDS OF REVENUE.. ..	13,056	1,184	14,240
				Total, Direct Charges ..	44,08,571	2,08,707	46,17,278
				Share of collection charges in the Civil Department ..	1,10,681	12,881	1,23,562
				Indirect Charges ..	1,61,176	6,920	1,68,096
				Total, Direct and Indirect Charges ..	46,80,428	2,28,508	49,08,936
				Deduct old maintenance charges saved to Government ..	4,068	3,767	7,835
				Net total ..	42,73,860	2,24,741	44,98,601
				Balance, net revenue ..	13,14,046	46,422	13,60,468
				Grand Total ..	59,90,406	2,71,163	62,61,569

• Direct—									
Extensions and improvements ..	..	..	..	..	..	..	..	Rs.	232
Maintenance and repairs ..	..	..	..	..	..	..	..	2,767	
Establishment ..	..	..	..	..	..	..	..	643	
Tools and plant ..	..	..	..	..	..	..	..	45	
Total ..	..	..	..	..	..	..	..	3,677	
Indirect ..	..	..	..	..	..	..	..	90	
Total, Direct and Indirect ..	..	..	..	..	..	..	..	3,767	

No. 4.—Interest Account for and to end of 1917-1918.

	Amount.		Amount.
	RS.		RS.
Total interest charges to end of 1916-1917 ..	2,89,61,940	Net revenue realized to end of 1916-1917 ..	13,14,046
Total interest charges for the year 1917-1918 ..	7,95,356	Net revenue realized during 1917-1918 ..	46,422
		Balance net interest charges ..	2,83,93,828
Total ..	2,97,57,296	Total ..	2,97,57,296

KURNOOL-CUDDAPAH CANAL—Canal Project.
No. 5.—Account of Indirect Charges for and to end of 1917-1918.

Particulars.	Previous.	1917-1918.	Total.
	RS.	RS.	RS.
CAPITAL—			
Capitalization of abatement of land revenue ..	19,517	456	19,973
Leave and pension allowances ..	29,582	1,486	31,068
Total ..	49,099	1,942	51,041
REVENUE—			
Capitalization of abatement of land revenue ..	5,433	..	5,433
Leave and pension allowances ..	1,55,743	6,920	1,62,663
Total ..	1,61,176	6,920	1,68,096
Grand Total ..	2,10,275	8,862	2,19,137

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

Particulars.	CHARGES AGAINST CLOSED SANCTIONS.			CURRENT SANCTIONS.			Total charges to date against old and current sanctions.	REMARKS.	
	Expenditure against construction estimate.	Expenditure against open canal sanctions.	Total.	Charges to date.	Amount of sanctioned estimate.	Unspent balance of estimate.		G.O. No. and date.	Amount of estimate.
Direct Charges.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	Direct Charges.	RS.
Works ..	1,77,62,139	1,68,700	1,79,30,839	9,06,349	11,27,514	2,21,165	1,86,57,188	851 I., 8th Oct. 1900.	2,32,200
Establishment ..	..	37,961	37,961	1,83,823	2,27,329	43,406	2,21,784		
Tools and plant ..	..	..	..	694	11,078	11,284	694		
Suspense account ..	..	..	..	..	..	..	..		
Loss by exchange ..	40,80,918	..	40,80,918	..	..	..	40,80,918		
Total ..	2,18,63,057	2,06,661	2,20,69,718	10,90,876	13,66,721	2,75,855	2,31,60,544	487 I., 21st Nov. 1916.	7,42,514
Less—Receipts on Capital Account.	2,24,115	2,632	2,26,747	..	..	..	2,26,747	156 I., 10th April 1916.	80,000
Net Total ..	2,16,38,942	2,04,029	2,18,42,971	10,90,876	13,66,721	2,75,855	2,29,33,687	488 I., 1st Nov. 1916.	47,000
Indirect Charges.								17 I., 8th Jan. 1918.	25,800
Capitalized abatement of land revenue ..	..	2,377	2,377	17,606	41,098	23,492	19,983	Total ..	11,27,514
Leave and pension allowances ..	..	5,333	5,333	25,785	29,276	3,541	31,068	Indirect Charges.	
Total ..	..	7,710	7,710	43,391	70,374	27,033	51,051	851 I., 8th Oct. 1900.	23,000
Grand Total ..	2,16,38,942	2,11,739	2,18,50,681	11,34,267	14,37,095	3,02,888	2,29,84,888	487 I., 21st Nov. 1916.	42,096

IRRIGATION BRANCH.

PUBLIC WORKS DEPARTMENT.

BARUR TANK—Tank Project.

No. 2.—Capital Account for and to end of 1917-1918.

Heads of account.	DIRECT CHARGES.			Cost of construction as now estimated (construction estimate closed on 31st March 1891).	Expenditure against closed estimate.
	Previous.	1917-1918.	Total.		
I. WORKS—	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
Total ...	45,673	...	45,673	45,673	45,673
(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
Total ...	1,25,675	...	1,25,675	1,25,675	1,25,675
(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
Total ...	69,775	...	69,775	69,775	69,775
(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
Total ...	94,642	...	94,642	94,642	94,642
Provision for unforeseen works	...	...	...	...	...
Total, Works ...	3,35,765	...	3,35,765	3,35,765	3,35,765
II. ESTABLISHMENT	76,701	...	76,701	76,701	76,701
III. TOOLS AND PLANT	6,931	...	6,931	6,931	6,931
Grand Total ...	4,19,397	...	4,19,397	4,19,397	4,19,397
V. <i>Less—RECEIPTS ON CAPITAL ACCOUNT</i>	22	...	22	22	22
(a) Net Total ...	4,19,375	...	4,19,375	4,19,375	4,19,375

(a) Chargesable to 49, Irrigation	Rs.	4,02,176
Do. to 48, Minor Works and Navigation—Provincial	Rs.	17,199
Total ...	Rs.	4,19,375

ADMINISTRATIVE ACCOUNTS FOR THE YEAR 1917-18.

MADRAS PRESIDENCY.

BARUR TANK—Tank Project.

No. 3.—Revenue Account for and to end of 1917-1918.

Receipts.	TOTAL.			Charges.	TOTAL.		
	Previous.	1917-1918.	Total.		Previous.	1917-1918.	Total.
I. DIRECT RECEIPTS—	Rs.	Rs.	Rs.	I. EXTENSIONS AND IMPROVEMENTS—	Rs.	Rs.	Rs.
5. Receipts from plantations	41	...	41	(1) Head works	4,441	...	4,441
6. Receipts from other canal produce	3,026	797	3,823	(2) Main canals and branches	16,326	...	16,326
9. Rents of buildings	318	18	336	(3) Distributaries	2,561	...	2,561
11. Miscellaneous	996	406	1,402	(4) Drainage and protective works	1,661	...	1,661
Total, Revenue realized in Public Works Department	4,381	1,221	5,602	Total ...	24,989	...	24,989
Irrigation Revenue realized in Civil Department	3,62,633	18,891	3,81,524	II. MAINTENANCE AND REPAIRS—			
Total, Direct Receipts ...	3,67,014	20,112	3,87,126	(1) Head works	17,824	...	17,824
II. INDIRECT RECEIPTS—				(2) Main canals and branches	79,504	3,542	83,046
Share of land revenue collected in the Civil Department	6,510	458	6,968	(3) Distributaries	10,068	...	10,068
Total, Public Works and Civil Departments, Revenue	3,73,524	20,570	3,94,094	(4) Drainage and protective works	666	...	666
				Total ...	1,08,062	3,542	1,11,604
				Total, Extensions and Improvements and Maintenance and Repairs	1,33,651	3,542	1,36,593
				IV. ESTABLISHMENT	51,001	2,017	53,018
				V. TOOLS AND PLANT	234	...	234
				VI. REFUNDS OF REVENUE	53	...	53
				Total, Direct Charges ...	1,84,339	5,559	1,89,898
				Share of collection charges in the Civil Department	18,190	946	19,136
				Indirect charges	7,271	282	7,553
				Total, Direct and Indirect Charges	2,09,800	6,787	2,16,587
				Balance, net revenue	1,63,724	13,783	1,77,507
Total, Receipts ...	3,73,524	20,570	3,94,094	Grand Total ...	3,73,524	20,570	3,94,094

No. 4.—Interest Account for and to end of 1917-1918.

	Amount.		Amount.
	Rs.		Rs.
Total interest charges to end of 1916-1917	4,78,418	Net revenue realized to end of 1916-1917	1,63,724
Total interest charges for the year 1917-1918	14,565	Net revenue realized during 1917-1918	13,783
		Balance net interest charges	3,15,476
Total ...	4,92,983	Total ...	4,92,983

IRRIGATION BRANCH.

PUBLIC WORKS DEPARTMENT.

BARUR TANK—*Tank Project.*

No. 5.—Account of Indirect Charges for and to end of 1917-1918.

Particulars.	Previous.	1917-1918.	Total.
	RS.	RS.	RS.
CAPITAL—			
Capitalization of abatement of land revenue	13,000	..	13,000
Leave and pension allowances	10,738	..	10,738
Total ..	23,738	..	23,738
REVENUE—			
Capitalization of abatement of land revenue	130	..	130
Leave and pension allowances	7,141	282	7,423
Total ..	7,271	282	7,553
Grand Total ..	31,009	282	31,291

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

Particulars.	CHARGES AGAINST CLOSED SANCTIONS.			CURRENT SANCTIONS.			Total charges to date against old and current sanctions.	Remarks.
	Expenditure against construction estimate.	Expenditure against open canal sanctions.	Total.	Charges to date.	Amount of sanctioned estimate.	Unspent balance of estimate.		
Direct charges.	RS.	RS.	RS.				RS.	
Works	3,11,681	24,084	3,35,765	..	..	..	3,35,765	
Establishment	71,883	5,018	76,901	..	..	..	76,901	
Tools and plant	6,883	48	6,931	..	..	..	6,931	
Suspense account	..	..	..	..	..	..	..	
Total ..	3,90,247	29,150	4,19,397	..	..	..	4,19,397	
Less—Receipts on capital account	22	..	22	..	..	..	22	
Net Total ..	3,90,225	29,150	4,19,375	..	..	..	4,19,375	
Indirect charges.								
Capitalized abatement of land revenue	12,056	944	13,000	..	..	..	13,000	
Leave and pension allowances	10,038	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	

ADMINISTRATION ACCOUNTS FOR THE YEAR 1917-18.

MADRAS PRESIDENCY.

POINEY ANICUT SYSTEM—*Canal Project.*

No. 2.—Capital Account for and to end of 1917-1918.

Heads of account.	DIRECT CHARGES.			Cost of construction as now estimated (construction estimate closed in 1897).	Expenditure against closed estimate.
	Previous.	1917-1918.	Total.		
	RS.	RS.	RS.	RS.	RS.
I. WORKS—					
(1) <i>Head Works—</i>					
C. Works	52,597	22	52,619	67,997	52,597
Total ..	52,597	22	52,619	67,997	52,597
(2) <i>Main Canals and Branches—</i>					
D. Regulators	1,596	..	1,596	2,096	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	1,22,874	985	1,23,859	1,27,174	1,22,874
N. Tanks and reservoirs	6,368	..	6,368	6,368	6,368
Total ..	1,34,474	985	1,35,459	1,42,934	1,34,474
(3) <i>Distributaries—</i>					
B. Land	..	..	..	..	..
C. Works	6,367	..	6,367	8,567	6,367
L. Earthwork	..	..	..	..	..
Total ..	6,367	..	6,367	8,567	6,367
Total, Works ..	1,93,438	1,007	1,94,445	2,19,498	1,93,438
II. ESTABLISHMENT ..	44,383	213	44,596	47,642	44,383
III. TOOLS AND PLANT ..	38	..	38	38	38
Grand Total ..	2,37,859	1,220	2,39,079	2,67,179	2,37,859
Apportionment—					
Chargeable to 49. Irrigation	7,092	1,220	8,312	..	..
„ to 42. Irrigation Provincial	2,30,767	..	2,30,767	..	..
Total ..	2,37,859	1,220	2,39,079	..	..

IRRIGATION BRANCH.

PUBLIC WORKS DEPARTMENT.

POINNEY ANICUT SYSTEM—Canal Project.

No. 3.—Revenue Account for and to end of 1917-1918.

Receipts.	TOTAL.			Charges.	TOTAL.		
	Previous.	1917-1918.	Total.		Previous.	1917-1918.	Total.
I. DIRECT RECEIPTS—	RS.	RS.	RS.	I. EXTENSIONS AND IMPROVEMENTS—	RS.	RS.	RS.
6. Receipts from other canal produce ..	7,942	394	8,336	(1) Head works	4,802	172	4,974
9. Rents of buildings.	313	16	329	(2) Main canals and branches ..	22,093	..	22,093
11. Miscellaneous ..	4,532	..	4,532	(3) Distributaries	30,438	2,749	33,187
				(4) Drainage and protective works ..	49,029	..	49,029
Total, Revenue realized in Public Works Department ..	12,787	410	13,197	Total ..	1,06,362	2,921	1,09,283
Irrigation Revenue realized in Civil Department ..	20,61,751	72,408	21,34,157	II. MAINTENANCE AND REPAIRS—			
				(1) Head works	59,478	981	60,459
Total, Direct Receipts ..	20,74,538	72,816	21,47,354	(2) Main canals and branches ..	71,814	1,036	72,850
				(3) Distributaries	1,29,819	8,295	1,48,114
II. INDIRECT RECEIPTS—				(4) Drainage and protective works ..	..	..	..
Share of Land Revenue collected in the Civil Department ..	2,52,917	5,451	2,58,368	<i>Add—Unclassifiable outlay ..</i>	<i>2,76,594</i>	<i>..</i>	<i>2,76,594</i>
				Total ..	5,47,705	10,312	5,58,017
Total, Public Works and Civil Departments, Revenue ..	23,27,455	78,267	24,05,722	Total, Extensions and Improvements and Maintenance and Repairs ..	6,54,067	13,233	6,67,300
				IV. ESTABLISHMENT	1,33,979	7,154	1,91,133
				V. TOOLS AND PLANT	328	..	328
				VI. REFUNDS OF REVENUE	461	..	461
				Total, Direct Charges ..	8,88,835	20,387	8,59,222
				Share of collection charges in the Civil Department	1,15,695	3,891	1,19,586
				Indirect charges	26,159	1,002	27,161
				Total, Direct and Indirect Charges ..	9,80,689	25,280	10,05,969
				<i>Deduct—old maintenance charges saved to Government ..</i>	<i>19,730</i>	<i>3,935</i>	<i>23,665</i>
				Net Total ..	9,60,959	21,345	9,82,304
				Balance, net revenue ..	13,66,496	66,922	14,23,418
Total, Receipts ..	23,27,455	78,267	24,05,722	Grand Total ..	23,27,455	78,267	24,05,722

* Direct—	RS.
Extensions and improvements	3,057
Maintenance and repairs	66
Establishment	671
Tools and plant	47
Indirect	3,841
Total ..	8,935

ADMINISTRATION ACCOUNTS FOR THE YEAR 1917-18.

MADRAS PRESIDENCY.

POINNEY ANICUT SYSTEM—Canal Project.

No. 4.—Interest Account for and to end of 1917-1918.

	Amount.		Amount.
	RS.		RS.
Total interest charges to end of 1916-1917 ..	4,19,907	Net revenue realised to end of 1916-1917 ..	13,55,496
Total interest charges for the year 1917-1918 ..	8,282	Net revenue during 1917-1918 ..	56,922
Balance, net revenue ..	9,95,229		
Total ..	14,23,418	Total ..	14,23,418

No. 5.—Account of Indirect Charges for and to end of 1917-1918.

Particulars.	Previous.	1917-1918.	Total.
	RS.	RS.	RS.
CAPITAL—			
Capitalization of abatement of land revenue ..	165	..	165
Leave and pension allowance	6,214	30	6,244
Total ..	6,379	30	6,409
REVENUE—			
Capitalization of abatement of land revenue ..	403	..	403
Leave and pension allowances	25,756	1,002	26,758
Total ..	26,159	1,002	27,161
Grand Total ..	32,538	1,032	33,570

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

Particulars.	CHARGES AGAINST CLOSED SANCTIONS.			CURRENT SANCTIONS.			Total charges to date against old and current sanctions.	REMARKS.	
	Expenditure against construction estimate.	Expenditure against open canal sanction.	Total.	Charges to date.	Amount of sanctioned estimate.	Unspent balance of estimate.		G.O. No. and date.	Amount of estimate.
Direct Charges.	RS.	RS.	RS.	RS.	RS.	RS.	RS.		
Works	1,83,435	10,003	1,93,438	1,007	26,060	25,053	1,94,445		
Establishment	42,189	2,194	44,383	213	3,259	3,046	44,596		
Tools and plant	..	38	38	..	..	..	38		
Suspense account	..	..	..	..	..	..	..		
Total ..	2,25,624	12,235	2,37,859	1,220	29,319	28,099	2,39,079		
Less—Receipts on capital account	..	..	..	..	..	..	..		
Net Total ..	2,25,624	12,235	2,37,859	1,220	29,319	28,099	2,39,079		
Indirect Charges.									
Capitalized abatement of land revenue ..	165	..	165	..	..	..	165		
Leave and pension allowances	5,907	307	6,214	30	..	— 30	6,244		
Total ..	6,072	307	6,379	30	..	— 30	6,409		
Grand Total ..	2,31,696	12,542	2,44,238	1,250	29,319	28,069	2,45,488		

IRRIGATION BRANCH.

PUBLIC WORKS DEPARTMENT.

CHEYERU ANICUT SYSTEM—*Canal Project.*

No. 2.—Capital Account for and to end of 1917-1918.

Heads of account.	DIRECT CHARGES.			Cost of construction as now estimated (construction estimate closed on 31st March 1896).	Expenditure against closed estimate.
	Previous.	1917-1918.	Total.		
I. WORKS—	Rs.	Rs.	Rs.	Rs.	Rs.
(1) <i>Head Works—</i>					
C. Works	56,860	...	56,860	56,860	56,860
Total ...	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
E. River and hill torrent works	498	...	498	498	498
F. (1) Other cross drainage works	7,099	...	7,099	7,099	7,099
G. Bridges	11,934	...	11,934	11,934	11,934
K. Buildings	5,456	...	5,456	5,456	5,456
L. Earthwork	2,17,214	...	2,17,214	2,17,214	2,17,214
N. Tanks and reservoirs	29,756	...	29,756	29,756	29,756
O. Miscellaneous	2,098	...	2,098	2,098	2,098
Total ...	2,84,626	...	2,84,626	2,84,626	2,84,626
(3) <i>Distributaries—</i>					
C. Works	5,573	...	5,573	8,593	5,573
L. Earthwork	...	...	...	10,810	...
O. Miscellaneous	...	...	...	170	...
Total ...	5,573	...	5,573	19,573	5,573
Provision for unforeseen works	...	...	...	...	...
Total, Works ...	3,47,059	...	3,47,059	3,61,059	3,47,059
II. ESTABLISHMENT	78,646	...	78,646	81,866	78,646
III. TOOLS AND PLANT	...	...	...	...	...
Grand Total ...	4,25,705	...	4,25,705	4,42,925	4,25,705
<i>Apportionment—</i>					
Chargeable to 49. Irrigation	26,789	...	26,789	...	...
Do. 43. Irrigation—Provincial	3,98,916	...	3,98,916	...	...
Total ...	4,25,705	...	4,25,705	...	...

ADMINISTRATION ACCOUNTS FOR THE YEAR 1917-18.

MADRAS PRESIDENCY.

CHEYERU ANICUT SYSTEM—*Canal Project.*

No. 3.—Revenue Account for and to end of 1917-1918.

Receipts.	TOTAL.			Charges.	TOTAL.		
	Previous.	1917-1918.	Total.		Previous.	1917-1918.	Total.
I. DIRECT RECEIPTS—	RS.	RS.	RS.	I. EXTENSIONS AND IMPROVEMENTS—	RS.	RS.	RS.
6. Receipts from other canal produce ..	9,214	291	9,505	(1) Head works	8,766	100	9,066
9. Rents of buildings ..	600	55	655	(2) Main canals and branches	18,007	255	18,262
11. Miscellaneous ..	8,132	..	8,132	(3) Distributaries	55,129	4,962	60,091
Total Revenue realized in Public Works Department ..	17,946	346	18,292	(4) Drainage and protective works ..	1,919	..	1,919
Irrigation Revenue realized in Civil Department ..	17,46,938	61,218	18,08,156	Add—Unclassifiable outlay	39,441	..	39,441
Total, Direct Receipts.	17,64,884	61,564	18,26,448	Total ..	1,23,262	5,617	1,28,779
II. INDIRECT RECEIPTS—				II. MAINTENANCE AND REPAIRS—			
Share of Land Revenue collected in the Civil Department ..	1,82,275	3,314	1,85,590	(1) Head works	27,687	2,611	30,298
Total, Public Works and Civil Departments, Revenue ..	19,47,160	64,878	20,12,038	(2) Main canals and branches	94,413	4,256	98,669
				(3) Distributaries	3,04,216	31,710	3,35,926
				(4) Drainage and protective works ..	13,489	..	13,489
				Add—Unclassifiable outlay	2,78,001	..	2,78,001
				Total ..	7,17,806	38,577	7,56,383
				Total, Extensions and Improvements and Maintenance and Repairs	8,41,068	44,094	8,85,162
				IV. ESTABLISHMENT	2,23,829	13,174	2,36,503
				V. TOOLS AND PLANT	583	..	588
				VI. REFUNDS OF REVENUE	832	..	892
				Total, Direct Charges ..	10,65,817	57,258	11,23,085
				Share of collection charges in the Civil Department	96,419	3,226	99,675
				Indirect charges	31,265	1,844	33,109
				Total, Direct and Indirect Charges.	11,93,531	62,338	12,55,869
				* Deduct old maintenance charges saved to Government	20,264	4,040	24,294
				Net Total ..	11,73,277	58,298	12,31,575
				Balance, net revenue	7,73,883	6,656	7,80,463
Total, Receipts ..	19,47,160	64,878	20,12,038	Grand Total ..	19,47,160	64,878	20,12,038

* Direct— Extensions and improvements Maintenance and repairs Establishment Tools and plant Indirect	RS. 2,566 640 689 48 3,943 97 Total .. 4,040
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No. 4.—Interest Account for and to end of 1917-1918.

	Amount.		Amount.
	Rs.		Rs.
Total interest charges to end of 1916-17 ..	6,15,174	Net revenue realized to end of 1916-17 ..	7,73,683
Total interest charges for the year 1917-18 ..	14,785	Net revenue realized during 1917-18 ..	6,580
Balance not revenue	1,50,504		
Total ..	7,80,463	Total ..	7,80,463

IRRIGATION BRANCH.

PUBLIC WORKS DEPARTMENT.

CHEYERU ANICUT SYSTEM—Canal Project.

No. 5.—Account of Indirect Charges for and to end of 1917-1918.

Particulars.	Previous.	1917-1918.	Total.
	RS.	RS.	RS.
CAPITAL—			
Capitalization of abatement of land revenue	744	..	744
Leave and pension allowances	11,010	..	11,010
Total ..	11,754	..	11,754
REVENUE—			
Leave and pension allowances	31,265	1,844	33,109
Total ..	31,265	1,844	33,109
Grand Total ..	43,019	1,844	44,863

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

Particulars.	CHARGES AGAINST CLOSED SANCTIONS.			CURRENT SANCTIONS.			Total charges to date against old and current sanctions.	REMARKS.	
	Expenditure against construction estimate.	Expenditure against open canal sanction.	Total.	Charges to date.	Amount of sanctioned estimate.	Unspent balance of estimate.		G.O. No. and date.	Amount of estimate.
Direct charges.	RS.	RS.	RS.	RS.	RS.	RS.	RS.		RS.
Works	3,20,865	26,194	3,47,059	..	14,000	14,000	3,47,059		
Establishment	73,542	5,104	78,646	..	8,220	3,220	78,646		
Tools and plant	..	..	..	..	..	..	..		
Suspense account	..	..	..	..	..	..	..		
Total ..	3,94,407	31,298	4,25,705	..	17,220	17,220	4,25,705	332 L., 12th June 1913.	14,000
Less—Receipts on capital account	..	..	..	..	..	..	..		
Net total ..	3,94,407	31,298	4,25,705	..	17,220	17,220	4,25,705		
Indirect charges.									
Capitalized abatement of land revenue	744	..	744	..	..	..	744		
Leave and pension allowances	10,290	714	11,010	..	..	..	11,010		
Total ..	11,034	714	11,754	..	..	..	11,754		
Grand Total ..	4,05,447	32,012	4,37,459	..	17,220	17,220	4,37,459		

ADMINISTRATION ACCOUNTS FOR THE YEAR 1917-18.

MADRAS PRESIDENCY.

TIRUKKOVILUR ANICUT SYSTEM—Canal Project.

No. 2.—Capital Account for and to end of 1917-1918.

Heads of account.	DIRECT CHARGES.			Construction as now estimated (construction estimate closed in March 1895).	Expenditure against closed estimate.
	Previous.	1917-1918.	Total.		
I. Works—	Rs.	Rs.	Rs.	Rs.	Rs.
(1) <i>Head Works—</i>					
O. Works	1,23,263	..	1,23,263	1,23,263	1,23,263
Total ..	1,23,263	..	1,23,263	1,23,263	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	12,786	..	12,786	12,786	12,786
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 ..	1,68,115	..	1,68,115	1,68,115	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
Total, Works ..	3,01,870	..	3,01,870	3,01,870	3,01,870
II. ESTABLISHMENT ..	64,889	..	64,889	64,889	64,889
III. TOOLS AND PLANT ..	..	..	..	..	..
Grand Total ..	3,66,759	..	3,66,759	3,66,759	3,66,759
Apportionment chargeable to 49. Irrigation.	33,500	..	33,500	..	..
Apportionment chargeable to 43. Irrigation—					
Provincial	3,33,259	..	3,33,259	..	..
	3,66,759	..	3,66,759	..	..

IRRIGATION BRANCH.

PUBLIC WORKS DEPARTMENT.

TIRUKKÖYLÜR ANICUT SYSTEM—Canal Project.

No. 3.—Revenue Account for and to end of 1917-1918.

Receipts.	TOTAL.			Charges.	TOTAL.		
	Previous.	1917-1918.	Total.		Previous.	1917-1918.	Total.
	RS.	RS.	RS.		RS.	RS.	RS.
I. DIRECT RECEIPTS—				I. EXTENSIONS AND IMPROVEMENTS—			
5. Receipts from plantations ..	17,787	2,018	19,805	(1) Head works	4,275	..	4,275
6. Receipts from other canal produce ..	4,843	289	5,032	(2) Main canals and branches ..	38,572	— 423	38,149
9. Rents of buildings ..	483	15	501	(3) Distributaries	50,216	..	50,216
11. Miscellaneous ..	516	9	525	(4) Drainage and protective works ..	20,015	..	20,015
				Total ..	1,13,078	— 423	1,12,655
Total, Revenue realized in Public Works Department ..	23,632	2,281	25,913	II. MAINTENANCE AND REPAIRS—			
Irrigation Revenue realized in Civil Department ..	14,87,923	53,023	15,40,946	(1) Head works	50,574	1,133	52,107
				(2) Main canals and branches ..	1,70,260	15,295	1,85,555
				(3) Distributaries	1,12,015	861	1,12,876
				(4) Drainage and protective works ..	8,680	..	8,680
				Add—Unclassifiable outlay ..	1,95,063	..	1,95,063
				Total ..	5,36,992	17,289	5,54,281
Total, Direct Receipts ..	15,11,555	55,304	15,66,859	Total, Extensions and Improvements and Maintenance and Repairs ..	6,50,070	16,866	6,66,936
II. INDIRECT RECEIPTS—				IV. ESTABLISHMENT	1,76,104	7,152	1,83,256
Share of Land Revenue collected in the Civil Department ..	1,44,564	3,362	1,47,926	V. TOOLS AND PLANT	263	..	263
				VI. REFUNDS OF REVENUE	303	..	303
Total, Public Works and Civil Departments, Revenue.	16,56,119	58,666	17,14,785	Total, Direct Charges ..	8,26,740	24,018	8,50,758
				Share of collection charges in the Civil Department	81,625	2,819	84,444
				Indirect Charges	24,901	1,045	25,946
				Total, Direct and Indirect Charges.	9,33,266	27,882	9,61,148
				* Deduct—Old maintenance charges saved to Government ..	31,156	6,214	37,370
				Net Total ..	9,02,110	21,668	9,23,778
				Balance, net revenue ..	7,54,009	38,998	7,91,007
Total Receipts ..	16,56,119	58,666	17,14,785	Grand Total ..	16,56,119	58,666	17,14,785

* Direct—	RS.
Extensions and improvements	1,972
Maintenance and repairs	2,960
Establishment	1,060
Tools and plant	74
Total ..	6,066
Indirect	148
Total, Direct and Indirect ..	6,214

No. 4.—Interest Account for and to end of 1917-1918.

	Amount.		Amount.
	RS.		RS.
Total interest charges to end of 1916-1917 ..	4,72,382	Net revenue realized to end of 1916-1917 ..	7,54,009
Total interest charges for the year 1917-1918 ..	12,738	Net revenue realized during 1917-1918 ..	38,998
Balance, net revenue ..	3,05,887		
Total ..	7,91,007	Total ..	7,91,007

ADMINISTRATIVE ACCOUNTS FOR THE YEAR 1917-18.

MADRAS PRESIDENCY.

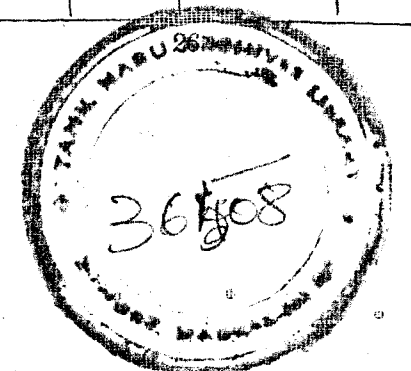
TIRUKKÖYLÜR ANICUT SYSTEM—Canal Project.

No. 5.—Account of Indirect Charges for and to end of 1917-1918.

Particulars.	Previous.	1917-1918.	Total.
	RS.	RS.	RS.
CAPITAL—			
Capitalization of abatement of Land Revenue ..	105	..	105
Leave and pension allowances	9,084	..	9,084
Total ..	9,189	..	9,189
REVENUE—			
Capitalization of abatement of Land Revenue ..	246	44	290
Leave and pension allowances	24,655	1,001	25,656
Total ..	24,901	1,045	25,946
Grand Total ..	34,090	1,045	35,135

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

Particulars.	CHARGES AGAINST CLOSED SANCTIONS.			CURRENT SANCTIONS.			Total charges to date against old and current sanctions.	REMARKS.	
	Expenditure against construction estimate.	Expenditure against open canal sanction.	Total.	Charges to date.	Amount of sanctioned estimate.	Unspent balance of estimate.		G.O. No. and date.	Amount of estimate.
Direct Charges.	RS.	RS.	RS.				RS.		
Works	2,01,591	1,00,279	3,01,870	..	..	..	3,01,870		
Establishment	46,361	18,528	64,889	..	..	..	64,889		
Tools and plant	..	..	..	..	..	..	..		
Suspense account	..	..	..	..	..	..	..		
Total ..	2,47,952	1,18,807	3,66,759	..	..	..	3,66,759		
Less—Receipts on Capital Account ..	..	..	..	..	..	..	..		
Net Total ..	2,47,952	1,18,807	3,66,759	..	..	..	3,66,759		
Indirect Charges.									
Capitalized abatement of Land Revenue	28	77	105	..	..	..	105		
Leave and pension allowances ..	6,490	2,594	9,084	..	..	..	9,084		
Total ..	6,518	2,671	9,189	..	..	..	9,189		
Grand Total ..	2,54,470	1,21,478	3,75,948	..	..	..	3,75,948		



IRRIGATION BRANCH.

PUBLIC WORKS DEPARTMENT.

SHATIATOPE ANICUT SYSTEM—Canal Project.

No. 2.—Capital Account for and to end of 1917–1918.

Heads of account.	DIRECT CHARGES.			Cost of construction as now estimated (closed in 31st March 1895).	Expenditure against closed estimate.
	Previous.	1917–1918.	Total.		
WORKS—	RS.		RS.	RS.	RS.
(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
Total, Works	8,10,406	...	8,10,406	8,10,406	8,10,406
II. ESTABLISHMENT	1,04,724	...	1,04,724	1,04,724	1,04,724
III. TOOLS AND PLANT	115	...	115	115	115
Grand Total	9,15,245	...	9,15,245	9,15,245	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	...	...
	9,15,245	...	9,15,245	...	...

ADMINISTRATIVE ACCOUNTS FOR THE YEAR 1917–18.

MADRAS PRESIDENCY.

SHATIATOPE ANICUT SYSTEM—Canal Project.

No. 3.—Revenue Account for and to end of 1917–1918.

Receipts.	TOTAL.			Charges.	TOTAL.		
	Previous.	1917–1918.	Total.		Previous.	1917–1918.	Total.
I. DIRECT RECEIPTS—	RS.	RS.	RS.	I. EXTENSIONS AND IMPROVEMENTS—	RS.	RS.	RS.
5. Receipts from plantations	9,646	743	10,389	(1) Head works	3,763	21	3,784
6. Receipts from other canal produce	3,578	2	3,580	(2) Main canals and branches	25,988	483	26,471
9. Rents of buildings	433	71	504	(3) Distributaries	21,481	...	21,481
10. Fines	4	...	4	(4) Drainage and protective works	158	...	158
11. Miscellaneous	189	...	189	Add—Unclassifiable outlay	21,316	...	21,316
Total, Revenue realized in Public Works Department	13,850	816	14,666	Total	75,706	504	76,210
Irrigation Revenue realized in Civil Department	36,80,770	1,00,725	37,81,495	II. MAINTENANCE AND REPAIRS—			
Total, Direct Receipts	36,94,620	1,01,542	37,96,162	(1) Head works	60,317	4,305	64,622
II. INDIRECT RECEIPTS—				(2) Main canals and branches	2,01,671	10,856	2,12,527
Share of land revenue collected in the Civil Department	10,32,650	15,209	10,47,859	(3) Distributaries	89,377	157	89,534
Total, Public Works and Civil Departments Revenue	47,27,280	1,16,751	48,44,031	(4) Drainage and protective works	868	...	868
				Add—Unclassifiable outlay	2,87,678	...	2,87,678
				Total	6,38,911	15,318	6,55,229
				Total, Extensions and Improvements and Maintenance and Repairs	7,15,617	15,822	7,31,439
				IV. ESTABLISHMENT	2,16,927	9,105	2,26,030
				V. TOOLS AND PLANT	438	...	438
				VI. REFUNDS OF REVENUE	247	2	249
				Total, Direct Charges	9,33,229	21,927	9,55,156
				Share of collection charges in the Civil Department	2,35,672	5,797	2,41,469
				Indirect charges	30,747	1,274	32,021
				Total, Direct and Indirect Charges	11,99,648	31,998	12,31,646
				* Deduct—Old maintenance charges saved to Government	10,388	2,072	12,460
				Total	11,89,260	29,926	12,19,186
				Balance, net revenue	35,38,020	86,825	36,24,845
Total, Receipts	47,27,280	1,16,751	48,44,031	Grand Total	47,27,280	1,16,751	48,44,031

Direct—	RS.
Extensions and improvements	64
Maintenance and repairs	1,580
Establishment	354
Tools and plant	25
Indirect	2,023
	49
	2,072

No. 4.—Interest Account for and to end of 1917–1918.

	Amount.		Amount.
	RS.		RS.
Total interest charges to end of 1916–17	4,35,347	Net revenue realized to end of 1916–17	35,38,020
Total interest charges for the year 1917–18	31,786	Net revenue realized during 1917–18	86,825
Balance net revenue	31,57,712		
Total	36,24,845	Total	36,24,845

IRRIGATION BRANCH.

PUBLIC WORKS DEPARTMENT.

SHATIATOPPE ANICUT SYSTEM.—Canal Project.

No. 5.—Account of Indirect Charges for and to end of 1917-1918.

Particulars.	Previous.	1917-1918.	Total.
	RS.	RS.	RS.
CAPITAL—			
Capitalized abatement of land revenue	42,609	..	42,609
Leave and pension allowances	14,662	..	14,662
Total ..	57,271	..	57,271
REVENUE—			
Capitalized abatement of land revenue	379	..	379
Leave and pension allowances	30,368	1,274	31,642
Total ..	30,747	1,274	32,021
Grand total ..	88,018	1,274	89,292

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

Particulars.	CHARGES AGAINST CLOSED SANCTIONS.			CURRENT SANCTIONS.			Total charges to date against old and current sanctions.	REMARKS.	
	Expenditure against construction estimate.	Expenditure against open canal sanction.	Total.	Charges to date.	Amount of sanctioned estimate.	Unspent balance of estimate.		G.O. No. and date.	Amount of estimate.
Direct Charges.	RS.	RS.	RS.				RS.		
Works	1,09,182	7,01,224	8,10,406	..	..	..	8,10,406		
Establishment ..	24,702	80,022	1,04,724	..	..	..	1,04,724		
Tools and plant ..	..	115	115	..	..	..	115		
Suspense account ..	..	..	..	..	..	..	..		
Total ..	1,33,884	7,81,361	9,15,245	..	..	..	9,15,245		
Less—Receipts on Capital account.	..	..	..	..	..	..	..		
Net total ..	1,33,884	7,81,361	9,15,245	..	..	..	9,15,245		
Indirect Charges.									
Capitalized abatement of land revenue ..	..	42,609	42,609	..	..	..	42,609		
Leave and pension allowances ..	8,457	11,205	14,662	..	..	..	14,662		
Total ..	8,457	11,205	19,662	..	..	..	19,662		
Grand total ..	1,37,341	8,35,175	9,72,516	..	..	..	9,72,516		

ADMINISTRATIVE ACCOUNTS FOR THE YEAR 1917-18.

MADRAS PRESIDENCY.

LOWER COLBROON ANICUT SYSTEM.—Canal Project.

No. 2.—Capital Account for and to end of 1917-1918.

Heads of account.	DIRECT CHARGES.			Cost of construction as now estimated. Construction estimate closed on 30th June 1903.	Expenditure against closed estimate.
	Previous.	1917-1918.	Total.		
	RS.	RS.	RS.	RS.	RS.
I. WORKS—					
(1) Head Works—					
C. Works	10,39,467	..	10,39,467	10,39,467	10,39,467
K. Buildings	7,572	..	7,572	7,572	7,572
L. Earthwork	108	..	108	108	108
O. Miscellaneous	..	..	..	..	..
Total ..	10,46,931	..	10,46,931	10,46,931	10,46,931
(3) 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	51,822	..	51,822	51,822	51,822
D. Regulators	13,410	..	13,410	13,410	13,410
E. Falls and weirs	8,062	..	8,062	8,062	8,062
F. (1) Other cross drainage works	12,363	..	12,363	12,363	12,363
G. Bridges	2,218	..	2,218	2,218	2,218
K. Buildings	1,71,126	..	1,71,126	1,71,126	1,71,126
L. Earthwork	4,515	..	4,515	4,515	4,515
N. Tank and reservoirs	4,816	..	4,816	4,816	4,816
O. Miscellaneous	..	..	..	..	..
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	57,045	..	57,045	57,045	57,045
L. Earthwork	76,522	..	76,522	76,522	76,522
O. Miscellaneous	1,329	..	1,329	1,329	1,329
Total ..	1,71,909	..	1,71,909	1,71,909	1,71,909
Provision for unforeseen works	..	..	..	..	..
Total, Works ..	15,47,017	..	15,47,017	15,47,017	15,47,017
II. ESTABLISHMENT	3,08,521	..	3,08,521	3,08,521	3,08,521
III. TOOLS AND PLANT	14,059	..	14,059	14,059	14,059
Grand Total ..	18,69,597	..	18,69,597	18,69,597	18,69,597
Appropriation—					
Charges to 49. Irrigation	3,79,992	..	3,79,992	..	..
Charges to 43. Irrigation—Provincial	14,89,605	..	14,89,605	..	..
Total ..	18,69,597	..	18,69,597	..	..

IRRIGATION BRANCH.

PUBLIC WORKS DEPARTMENT.

LOWER COLEROON ANICUT SYSTEM—Canal Project.
No. 3.—Revenue Account for and to end of 1917-1918.

Receipts.	TOTAL.			Charges.	TOTAL.		
	Previous.	1917-1918.	Total.		Previous.	1917-1918.	Total.
I. DIRECT RECEIPTS—	RS.	RS.	RS.	I. EXTENSIONS AND IMPROVEMENTS—	RS.	RS.	RS.
5. Receipts from plantations ..	18,141	4,242	22,383	(1) Head works ..	1,68,472	107	1,68,579
6. Receipts from other canal produce ..	24,761	314	25,075	(2) Main canals and branches ..	95,05	4,307	99,363
9. Rents of buildings.	1,217	110	1,327	(3) Distributaries ..	40,445	130	40,575
11. Miscellaneous ..	1,895	152	2,047	(4) Drainage and protective works..	2,074	..	2,074
				Add—Unclassifiable outlay ..	24,873	..	24,873
				Total ..	3,30,920	4,544	3,35,464
Total, Revenue realized in Public Works Department ..	46,014	4,818	50,832	II. MAINTENANCE AND REPAIRS—			
Irrigation revenue realized in Civil Department ..	1,29,87,757	2,51,282	1,32,39,039	(1) Head works ..	1,38,541	1,389	1,40,330
Total, Direct Receipts ..	1,30,33,771	2,56,100	1,32,89,871	(2) Main canals and branches ..	4,73,609	46,602	5,20,211
				(3) Distributaries ..	2,79,217	327	2,79,544
				(4) Drainage and protective works.	8,295	110	8,405
II. INDIRECT RECEIPTS—				Add—Unclassifiable outlay ..	4,82,053	..	4,82,053
Share of land revenue collected in the Civil Department ..	32,69,618	51,510	33,21,128	Total ..	13,62,116	48,428	14,30,544
Total, Public Works and Civil Departments, Revenue ..	1,63,03,389	3,07,610	1,66,10,999	Total, Extensions and Improvements and Maintenance and Repairs ..	17,13,036	52,972	17,66,008
				IV. ESTABLISHMENT ..	5,17,593	36,027	5,43,620
				V. TOOLS AND PLANT ..	839	28	867
				VI. REFUNDS OF REVENUE ..	220	..	220
				Total, Direct Charges ..	22,31,688	79,027	23,10,715
				Share of collection charges in the Civil department ..	8,12,870	15,140	8,28,010
				Indirect charges ..	84,272	4,749	89,021
				Total, Direct and Indirect Charges ..	31,28,830	98,916	32,27,746
				* Deduct—Old maintenance charges saved to Government ..	45,892	9,173	55,165
				Net Total ..	30,82,838	89,743	31,72,581
				Balance, net revenue ..	1,32,20,551	2,17,867	1,34,38,418
Total, Receipts ..	1,63,03,389	3,07,610	1,66,10,999	Grand Total ..	1,63,03,389	3,07,610	1,66,10,999

• Direct—

Extensions and improvements ..	..	..	..	..	..	..	2,427
Maintenance and repairs ..	..	..	..	..	..	..	4,853
Establishment ..	..	..	..	..	..	..	1,565
Tools and plant ..	..	..	..	..	..	..	109

Indirect ..

Total .. 2,175

ADMINISTRATIVE ACCOUNTS FOR THE YEAR 1917-18.

MADRAS PRESIDENCY

LOWER COLEROON ANICUT SYSTEM—Canal Project.
No. 4.—Interest Account for and to end of 1917-1918.

	Amount.		Amount.
Total interest charges to end of 1916-1917 ..	RS. 18,12,542	Net revenue realized to end of 1916-1917 ..	RS. 1,32,20,551
Total interest charges for the year 1917-1918 ..	64,931	Net revenue realized during 1917-1918 ..	2,17,867
Balance net revenue ..	1,15,60,945		
Total ..	1,34,38,418	Total ..	1,34,38,418

No. 5.—Account of Indirect Charges for and to end of 1917-1918.

Particulars.	Previous.	1917-1918.	Total.
CAPITAL—	RS.	RS.	RS.
Capitalization of abatement of land revenue ..	28,088	..	28,088
Leave and pension allowances ..	43,191	..	43,191
Total ..	71,259	..	71,259
REVENUE—			
Capitalization of abatement of land revenue ..	11,811	1,105	12,916
Leave and pension allowances ..	72,461	3,644	76,105
Total ..	84,272	4,749	89,021
Grand total ..	1,55,531	4,749	1,60,280

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

Particulars.	CHARGES AGAINST CLOSED SANCTIONS.			CURRENT SANCTIONS.			Total charges to date against old and current sanctions.	REMARKS.	
	Expenditure against construction estimate.	Expenditure against open canal sanction.	Total.	Charges to date.	Amount of sanctioned estimate.	Unspent balance of estimate.		G.O. No. and date.	Amount of estimate.
Direct charges.	RS.	RS.	RS.	RS.	RS.	RS.	RS.		
Works ..	10,67,518	4,79,499	15,47,017	..	..	..	15,47,017		
Establishment ..	2,32,629	75,392	3,08,521	..	..	..	3,08,521		
Tools and plant ..	14,059	..	14,059	..	..	..	14,059		
Suspenses account ..	..	..	..	..	..	..	..		
Total ..	13,14,206	5,55,391	18,69,597	..	..	..	18,69,597		
Less—Receipts on Capital Account.	..	..	..	..	..	..	..		
Net total ..	13,14,206	5,55,391	18,69,597	..	..	..	18,69,597		
Indirect charges.									
Capitalized abatement of land revenue.	10,946	17,122	28,068	..	..	..	28,068		
Leave and pension allowances.	32,588	10,623	43,191	..	..	..	43,191		
Total ..	43,514	27,745	71,259	..	..	..	71,259		
Grand total ..	13,57,720	5,82,136	19,40,856	..	..	..	19,40,856		

IRRIGATION BRANCH.

PUBLIC WORKS DEPARTMENT.

TOLUDUR PROJECT—Tank Project.

No. 2.—Capital Account for and to end of 1917-1918.

Heads of account.	DIRECT CHARGES.			Cost of construction as now estimated.	Expenditure against closed estimate.
	Previous.	1917-1918.	Total.		
1	2	3	4	5	6
I. WORKS—	RS.	RS.	RS.	RS.	
(1) <i>Head Works—</i>					
A. Preliminary expenses	7,418	102	7,520	9,500	..
B. Land	60,983	802	61,785	66,750	..
C. Works	1,43,450	—18,678	1,24,772	5,94,560	..
K. Buildings	16,345	609	16,954	21,000	..
L. Earthwork	1,81,005	85,443	2,66,448	11,65,600	..
O. Miscellaneous	3,704	967	4,671	11,900	..
P. Maintenance	475	198	673	5,000	..
Unforeseen works	..	..	..	5,000	..
Total ..	4,13,380	69,443	4,82,823	18,79,310	..
(2) <i>Main Canals and Branches—</i>					
A. Preliminary expenses	1,127	47	1,174	5,800	..
B. Land	37,821	638	38,459	56,700	..
C. Works	..	2,746	2,746	33,600	..
D. Regulators	..	6,036	6,036	26,200	..
E. Falls and weirs	..	5,474	5,474	14,280	..
F. (1) Other cross drainage works	..	1,627	1,627	20,200	..
G. Bridges	..	..	..	..	..
K. Buildings	..	10,174	10,174	61,880	..
L. Earthwork	..	891	891	2,300	..
O. Miscellaneous	..	..	..	4,950	..
P. Maintenance	..	..	..	14,780	..
Unforeseen works	..	..	..	..	..
Total ..	38,948	27,633	66,581	2,40,630	..
(3) <i>Distributaries—</i>					
A. Preliminary expenses	795	147	942	1,200	..
B. Land	8,413	26,076	34,489	74,500	..
C. Works	..	..	..	72,400	..
L. Earthwork	..	..	..	..	..
O. Miscellaneous	..	..	..	..	..
P. Maintenance	..	..	..	2,900	..
Unforeseen works	..	..	..	..	..
Total ..	9,208	26,223	35,431	1,51,000	..
Provision for unforeseen works ..	..	..	..	..	..
Total Works ..	4,61,536	1,23,299	5,84,835	22,71,000	..
II. ESTABLISHMENT	60,091	19,428	79,519	3,89,772	..
III. TOOLS AND PLANT	3,06,538	— 9,653	2,96,885	3,01,809	..
(a) Grand Total ..	8,28,165	1,33,074	9,61,239	29,62,081	..
V. Less—Receipts on capital account ..	1,165	866	2,011	2,081	..
(a) Net Total ..	8,27,010	1,32,218	9,59,228	29,60,000	..

(a) Chargeable to "49. Major Irrigation Works."

No. 4.—Interest Accounts for and to end of 1917-1918.

	Amount.		Amount.
	RS.		RS.
Total interest charges to end of 1916-1917 ..	46,516	Net revenue realized to end of 1916-1917 ..	..
Total interest charges for the year 1917-1918.	31,018	Net revenue realized during 1917-1918 ..	..
		Balance net interest charges	77,534
Total ..	77,534	Total ..	77,534

ADMINISTRATIVE ACCOUNTS FOR THE YEAR 1917-18.

MADRAS PRESIDENCY.

TOLUDUR PROJECT—Tank Project.

No. 5.—Account of Indirect Charges for and to end of 1917-1918.

Particulars.	Previous.	1917-1918.	Total.
	RS.	RS.	RS.
CAPITAL—			
Capitalization of abatement of land revenue	1,49,312	21,527	1,70,839
Leave and pension allowances	8,412	2,720	11,132
Total ..	1,57,724	24,247	1,81,971
REVENUE—			
Capitalization of abatement of land revenue	..	..	..
Leave and pension allowances	..	..	..
Total ..	..	..	..
Grand Total ..	1,57,724	24,247	1,81,971

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	..	..	..	5,84,835	22,71,000	16,86,165	5,84,835	111 L., dated 20th March 1918.	22,71,000
Establishment	..	..	..	79,519	3,89,772	3,10,253	79,519		
Tools and plant	..	..	..	2,96,885	3,01,809	4,424	2,96,885		
Expense account	..	..	..	..	..	..	..		
Total ..	..	..	..	9,61,239	29,62,081	20,00,842	9,61,239		
<i>Less—Receipts on Capital Account.</i>	..	..	..	2,011	2,081	70	2,011		
Net Total ..	..	..	..	9,59,228	29,60,000	20,00,772	9,59,228		
<i>Indirect Charges.</i>									
Capitalized abatement of land revenue	..	..	..	1,70,839	1,95,432	24,593	1,70,839		
Leave and pension allowances	..	..	..	11,132	64,668	43,436	11,132		
Total ..	..	..	..	1,81,971	2,50,000	68,029	1,81,971		
Grand Total ..	..	..	..	11,41,199	32,10,000	20,68,801	11,41,199		

IRRIGATION BRANCH.

PUBLIC WORKS DEPARTMENT.

CAUVERY DELTA SYSTEM—Canal Project.

No. 2.—Capital Account for and to end of 1917-1918.

Heads of account.	DIRECT CHARGES.			Cost of construction as now estimated (construction estimate closed on 31st March 1889).	Expenditure against closed estimate
	Previous.	1917-1918.	Total.		
I. WORKS—	Rs.	Rs.	Rs.	Rs.	Rs.
(1) <i>Head Works—</i>					
C. Works ...	9,73,998	8,364	9,82,362	9,84,398	9,73,598
K. Buildings ...	12,408	...	12,408	12,408	12,408
O. Miscellaneous ...	...	258	258	...	...
Total ...	9,86,406	8,622	9,95,028	9,96,806	9,86,006
(2) <i>Main Canals and Branches—</i>					
B. Land ...	73,256	...	73,256	73,756	73,256
D. Regulators ...	6,71,089	13,072	6,84,161	7,20,752	6,71,332
F. (1) Other cross drainage works.	31,305	...	31,305	31,305	31,305
K. Buildings ...	21,143	...	21,143	20,154	20,154
L. Earthwork ...	56,832	...	56,832	60,632	56,832
O. Miscellaneous ...	693	...	693	1,253	693
Total ...	8,54,318	13,072	8,67,390	9,07,852	8,53,572
(3) <i>Distributaries—</i>					
B. Land ...	30,855	1,316	32,171	20,363	7,159
C. Works ...	1,33,764	2,129	1,35,893	1,49,480	1,16,394
L. Earthwork ...	35,878	186	36,064	39,384	8,889
O. Miscellaneous ...	1,712	38	1,674	3,207	2,807
Total ...	1,93,785	3,669	2,02,454	2,12,434	1,35,659
(4) <i>Drainage and Protective Works—</i>					
B. Land ...	13,941	...	13,941	53,008	13,941
C. Works ...	2,64,097	11,815	2,75,912	3,09,353	2,58,220
L. Earthwork ...	2,15,857	15,062	2,30,919	3,36,222	1,83,813
O. Miscellaneous ...	33,426	...	33,426	72,203	33,426
Total ...	5,27,321	26,877	5,54,198	7,76,786	4,89,406
Provision for unforeseen works ...	...	...	...	...	...
Total outlay on current sanctions ...	25,66,830	52,240	26,19,070	28,93,878	24,64,643
Old outlay ...	7,76,216	...	7,76,216	7,76,216	7,76,216
Total, Works ...	33,43,046	52,240	33,95,286	36,70,094	32,40,859
II. ESTABLISHMENT ...	6,99,238	9,522	7,08,810	7,86,844	6,89,067
III. TOOLS AND PLANT ...	95,901	...	95,901	95,901	95,901
Grand Total ...	41,38,235	61,762	41,99,997	45,32,839	40,25,827
V <i>Less—RECEIPTS ON CAPITAL ACCOUNT.</i>	1,985	...	1,985	1,985	1,985
(a) Net Total ...	41,36,250	61,762	41,98,012	45,30,854	40,23,842

(a) Chargeable to "49, Irrigation."

ADMINISTRATIVE ACCOUNTS FOR THE YEAR 1917-18.

MADRAS PRESIDENCY.

CAUVERY DELTA SYSTEM—Canal Project.

No. 3.—Revenue Account for and to end of 1917-1918.

Receipts.	TOTAL.			Charges.	TOTAL.		
	Previous.	1917-1918.	Total.		Previous.	1917-1918.	Total.
I. DIRECT RECEIPTS—	RS.	RS.	RS.	I. EXTENSIONS AND IMPROVEMENTS—	RS.	RS.	RS.
3. Miscellaneous receipts by sales of water. ..	...	1,225	1,225	(1) Head works ...	70,541	219	70,760
5. Receipts from plantations ...	1,01,143	4,900	1,06,043	(2) Main canals and branches ...	2,39,023	3,358	2,42,381
6. Receipts from other canal produce ...	77,284	2,107	79,391	(3) Distributaries ...	5,92,069	15,033	6,07,102
9. Rents of buildings. ...	7,189	438	7,627	(4) Drainage and protective works. ...	1,86,724	4,881	1,91,605
10. Fines ...	291	...	291	Add—Unclassifiable outlay ...	35,651	...	35,651
11. Miscellaneous ...	22,730	3,499	26,229	Total ...	11,24,068	23,491	11,47,559
Total, Revenue realized in Public Works Department ...	2,08,637	12,159	2,20,796	II. MAINTENANCE AND REPAIRS—			
Irrigation Revenue realized in Civil Department ...	3,76,89,764	8,69,981	3,85,59,745	(1) Head works ...	3,51,516	4,183	3,55,699
Total, Direct Receipts ...	3,78,95,401	8,82,156	3,87,77,557	(2) Main canals and branches ...	15,58,815	1,03,908	16,62,723
II. INDIRECT RECEIPTS—				(3) Distributaries ...	16,54,469	23,655	16,78,124
Share of land revenue collected in the Civil Department ...	73,97,289	1,18,072	75,15,361	(4) Drainage and protective works. ...	5,66,468	13,325	5,79,793
Total, Indirect Receipts ...	73,97,289	1,18,072	75,15,361	Add—Unclassifiable outlay ...	36,26,896	...	36,26,896
Total, Public Works and Civil Departments, Revenue ...	4,52,92,690	10,00,222	4,62,92,912	Total ...	77,82,155	1,40,921	79,23,076
III. CHARGES—				Total, Extensions and Improvements and Maintenance and Repairs ...	83,87,153	1,73,412	85,60,565
IV. ESTABLISHMENT ...				IV. ESTABLISHMENT ...	37,72,059	81,115	38,53,174
V. TOOLS AND PLANT ...				V. TOOLS AND PLANT ...	1,45,567	1,860	1,47,427
VI. REFUNDS OF REVENUE ...				VI. REFUNDS OF REVENUE ...	1,300	14	1,314
Total, Direct charges ...	1,28,12,089	2,56,401	1,30,68,490	Total, Direct charges ...	1,28,12,089	2,56,401	1,30,68,490
Share of collection charges in the Civil Department ...	25,95,942	19,403	26,15,345	Share of collection charges in the Civil Department ...	25,95,942	19,403	26,15,345
Indirect charges ...	6,42,224	11,359	6,53,583	Indirect charges ...	6,42,224	11,359	6,53,583
Total, Direct and Indirect charges ...	1,60,51,255	3,17,163	1,63,68,418	Total, Direct and Indirect charges ...	1,60,51,255	3,17,163	1,63,68,418
Deduct—Old maintenance charges saved to Government* ...	1,11,84,946	1,33,123	1,13,18,069	Deduct—Old maintenance charges saved to Government* ...	1,11,84,946	1,33,123	1,13,18,069
Net Total ...	48,67,315	1,84,066	50,51,381	Net Total ...	48,67,315	1,84,066	50,51,381
Balance, net revenue ...	4,01,25,375	8,16,187	4,09,41,562	Balance, net revenue ...	4,01,25,375	8,16,187	4,09,41,562
Total, Receipts ...	4,52,92,690	10,00,222	4,62,92,912	Grand Total ...	4,52,92,690	10,00,222	4,62,92,912

* Direct—	RS.
Maintenance and Repairs ...	1,05,634
Establishment ...	22,711
Tools and Plant ...	1,608
Total ...	1,29,953
Indirect ...	3,186
Total, Direct and Indirect ...	1,33,139

No. 4.—Interest Account for and to end of 1917-1918.

	Amount.		Amount.
Total interest charges to end of 1916-1917 ...	41,92,871	Net revenue realised to end of 1916-1917 ...	4,01,25,375
Total interest charges for the year 1917-1918 ...	1,44,724	Net revenue realised during 1917-1918 ...	8,16,187
Balance net revenue ...	3,69,03,867		
Total ...	4,12,41,562	Total ...	4,12,41,562

IRRIGATION BRANCH.

PUBLIC WORKS DEPARTMENT.

CAUVERY DELTA SYSTEM—Canal Project.

No. 5.—Account of Indirect Charges for and to end of 1917-1918.

Particulars.	Previous.	1917-1918.	Total.
	RS.	RS.	RS.
Capital—			
Capitalization of abatement of land revenue	78,854	144	78,998
Leave and pension allowances	1,12,013	1,333	1,13,346
Total ..	1,90,867	1,477	1,92,344
Revenue—			
Capitalization of abatement of land revenue	14,826	3	14,829
Leave and pension allowances	5,47,398	11,359	5,58,757
Total ..	5,62,224	11,359	5,73,583
Grand Total ..	8,33,091	12,836	8,45,927

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.
	RS.	RS.	RS.	RS.	RS.	RS.	RS.		RS.
Direct charges.									
Works ..	13,07,547	19,33,312	32,40,859	1,54,427	4,29,235	2,74,808	33,95,286	155 I., 7th Mar. 1913.	2,370
Establishment ..	3,07,377	3,81,690	6,89,067	19,743	77,777	58,034	7,08,810	620 I., 3rd Dec. 1914.	7,500
Tools and plant ..	40,619	55,242	95,901	..	..	..	95,901	104 I., 4th Mar. 1916.	65,910
Suspense account ..	..	..	..	..	..	..	..	252 I., 19th May 1915.	1,750
Total ..	16,55,533	23,70,244	40,25,777	1,74,170	5,07,012	3,32,842	41,99,907	255 I., 7th June 1915.	4,230
								509 I., 19th Nov. 1915.	16,000
								37 I., 20th Jan. 1917.	35,300
								601 I., 21st Dec. 1916.	2,230
								231 I., 23rd May 1916.	8,400
								3 I., 6th Jan. 1917.	12,500
								555 I., 5th Dec. 1916.	2,880
								232 I., 2nd August 1916.	12,800
								347 I., 20th Aug. 1917.	10,600
								Mis. 340 I., 15th August 1917.	1,450
								524 I., 21st Dec. 1917.	18,800
								263 I., 27th June 1917.	4,815
								220 I., 12th July 1917.	1,80,000
								477 I., 16th Nov. 1917.	46,900
Indirect charges.									
Capitalized abatement of land revenue ..	66,184	10,101	76,285	2,713	..	-2,713	78,998		
Leave and pension allowances ..	57,144	53,438	1,10,582	2,764	..	-2,764	1,13,316		
Total ..	1,23,328	63,539	1,86,867	5,477	..	-5,477	1,92,344		
Grand Total ..	17,78,861	24,33,783	42,12,644	1,79,647	5,07,012	3,27,365	43,90,019	Total ..	4,29,235

ADMINISTRATIVE ACCOUNTS FOR THE YEAR 1917-18.

MADRAS PRESIDENCY.

PERIYAR SYSTEM—Tank Project.

No. 2.—Capital Account for and to end of 1917-1918.

Heads of account.	DIRECT CHARGES.			Amount of construction as now estimated (construction estimate closed on 31st March 1917).	Expenditure against estimate.
	Previous.	1917-1918.	Total.		
	RS.	RS.	RS.	RS.	RS.
I. WORKS—					
(1) Head Works—					
A. Preliminary expenses	87,181	..	87,181	87,181	87,181
B. Land	69,057	..	69,057	69,057	69,057
C. Works	43,10,909	3,459	43,14,368	43,12,439	42,50,139
K. Buildings	3,18,813	..	3,18,813	3,19,304	3,19,304
L. Earthwork	1,83,154	..	1,83,154	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 ..	52,27,293	3,459	52,30,752	52,28,823	51,66,523
(2) Main Canals and Branches—					
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	33,042	..	33,042	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 ..	15,64,350	..	15,64,350	15,67,690	15,67,690
(3) Distributaries—					
A. Preliminary expenses	10,734	..	10,734	10,734	10,734
B. Land	90,224	..	90,224	90,224	90,166
C. Works	3,51,883	1,990	3,53,873	3,54,712	3,49,297
D. Regulators	22,401	..	22,401	22,401	22,401
E. Falls and weirs	86,260	..	86,260	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	..	6,624	7,050	7,050
L. Earthwork	4,01,401	..	4,01,401	4,01,402	4,01,402
O. Miscellaneous	26,953	..	26,953	26,953	26,953
P. Maintenance	22,858	..	22,858	22,858	22,858
Total ..	10,71,247	1,990	10,73,237	10,74,838	10,68,508
(4) Drainage and Protective works—					
B. Land	16,179	..	16,179	16,179	16,179
C. Works	1,033	..	1,033	1,033	1,033
L. Earthwork	13,272	..	13,272	13,272	13,272
O. Miscellaneous	3,882	..	3,882	3,882	3,882
Total ..	34,366	..	34,366	34,366	34,366
Provision for unforeseen works ..	..	..	..	..	..
Total, Works ..	78,97,256	5,449	79,02,705	79,05,717	78,37,187
II. ESTABLISHMENT ..	16,45,098	729	16,45,827	16,50,658	16,35,957
III. TOOLS AND PLANT ..	7,66,782	..	7,66,782	7,66,782	7,66,782
Grand Total ..	1,03,09,136	6,178	1,03,15,314	1,03,23,157	1,02,39,926
V. Less—RECEIPTS ON CAPITAL ACCOUNT ..	14,997	2,939	17,936	17,936	17,936
(a) Net Total ..	1,02,94,139	3,239	1,02,97,378	1,03,05,221	1,02,21,990

(a) Chargeable to "49. Irrigation."

PERIYAR SYSTEM—*Tank Project.*

No. 3.—Revenue Account for and to end of 1917-1918.

Receipts.	TOTAL.			Charges.	TOTAL.		
	Previous.	1917-1918.	Total.		Previous.	1917-1918.	Total.
I. DIRECT RECEIPTS—	RS.	RS.	RS.	I. EXTENSIONS AND IMPROVEMENTS—	RS.	RS.	RS.
4. Water supply of towns ..	645	..	645	(1) Head works ..	45,611	944	46,555
5. Receipts from plantations ..	9,526	1,390	10,916	(2) Main canals and branches ..	21,371	823	22,194
6. Receipts from other canal produce ..	69,721	5,525	75,246	(3) Distributaries ..	2,02,829	2,724	2,05,553
8. Receipts from navigation ..	7,814	364	7,678	(4) Drainage and protective works ..	16,924	..	16,924
9. Rents of buildings..	7,701	451	8,152	Total ..	2,86,735	4,491	2,91,226
10. Fines ..	80	..	80	II. MAINTENANCE AND REPAIRS—			
11. Miscellaneous ..	20,864	2,622	22,986	(1) Head works ..	1,96,988	5,345	2,02,333
Total, Revenue realized in the Public Works Department ..	1,15,351	10,352	1,25,703	(2) Main canals and branches ..	2,52,975	19,973	2,72,948
Irrigation revenue realized in Civil Department ..	91,36,868	5,60,229	96,97,097	(3) Distributaries ..	4,10,936	25,068	4,36,006
Total, Direct Receipts ..	92,52,219	5,70,581	98,22,800	(4) Drainage and protective works ..	7,038	..	7,038
II. INDIRECT RECEIPTS—				Total ..	8,67,939	50,386	9,18,325
Share of land revenue collected in the Civil Department ..	7,08,703	42,795	7,51,498	III. COMPENSATION—	9,18,258	42,965	9,61,223
Total, Public Works and Civil Departments, Revenue ..	99,60,922	6,13,376	1,05,74,298	Total, Extensions and Improvements and Maintenance and Repairs ..	20,72,932	97,842	21,70,774
				IV. ESTABLISHMENT ..	7,67,126	45,368	8,12,514
				V. TOOLS AND PLANT ..	74,817	3,298	78,115
				VI. REFUNDS OF REVENUE ..	930	49	979
				Total, Direct Charges ..	29,15,805	1,46,577	30,62,382
				Share of collection charges in the Civil Department ..	4,67,842	28,803	4,96,445
				Indirect charges ..	1,32,015	6,363	1,38,398
				Total, Direct and Indirect Charges ..	35,15,662	1,81,563	36,97,225
				Deduct—*Old maintenance charges saved to Government ..	5,60,490	32,632	5,93,122
				Net Total ..	29,55,172	1,48,931	31,04,103
				Balance, net revenue ..	70,05,750	4,64,445	74,70,195
Total, Receipts ..	99,60,922	6,13,376	1,05,74,298	Grand Total ..	99,60,922	6,13,376	1,05,74,298

• Direct—

Extensions and improvements	..	..	..	..	..	..	..	RS.
Maintenance and repairs	..	..	..	..	..	..	..	21,422
Establishment..	..	..	..	..	..	..	..	6,568
Tools and plant	..	..	..	..	..	..	..	388
							Total	31,852
Direct	..	..	..	..	..	..	..	780
							Total, Direct and Indirect	32,632

ADMINISTRATIVE ACCOUNTS FOR THE YEAR 1917-18.

MADRAS PRESIDENCY.

PERIYAR SYSTEM—*Tank Project.*

No. 4.—Interest Account for and to end of 1917-1918.

	Amount.		Amount.
	RS.		RS.
Total interest charges to end of 1916-17	84,63,252	Net revenue realized to end of 1916-17	70,05,750
Total interest charges for the year 1917-18	3,57,572	Net revenue realized during 1917-18	4,64,445
		Balance, net interest charges	13,55,629
Total	88,25,824	Total	88,25,824

No. 5.—Account of Indirect Charges for and to end of 1917-1918.

Particulars.	Previous.	1917-1918.	Total.
CAPITAL—			
Capitalization of abatement of land revenue	Rs. 1,36,192	Rs. .	1,06,192
Leave and pension allowances	2,30,234	102	2,30,336
Total ..	3,66,426	102	3,66,528
REVENUE—			
Capitalization of abatement of land revenue	25,440	29	25,478
Leave and pension allowances	1,06,566	6,354	1,12,920
Total ..	1,32,015	6,383	1,38,398
Grand Total ..	4,98,441	6,485	5,04,926

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 ..	60,69,752	17,67,435	78,37,187	65,518	68,530	3,012	78,02,705		
Establishment ..	13,46,177	2,89,780	16,35,957	9,870	14,701	4,831	16,45,827		
Tools and plant ..	7,28,291	38,491	7,66,782	..	..	..	7,66,782		
Suspense account ..	..	..	..	..	..	..	..		
Total ..	81,44,220	20,95,706	1,02,39,926	75,388	83,231	7,843	1,03,15,314		
Less-Receipts on Capital Account.	14,203	3,733	17,936	..	..	..	17,936		
Net Total ..	81,30,017	20,91,973	1,02,21,990	75,388	83,231	7,843	1,02,97,378		
<i>Indirect charges.</i>									
Capitalized abatement of land revenue.	34,661	1,01,163	1,35,824	368	..	-368	1,36,192	697 I., 13th Dec. 1913.	62,300
Leave and pension allowances.	1,88,466	40,488	2,28,954	1,382	..	-1,382	2,30,336	121 I., 6th Mar. 1915.	2,030
Total ..	2,23,127	1,41,651	3,64,778	1,750	..	-1,750	3,65,528	6 I., 9th January 1917.	2,500
Grand Total ..	83,53,144	22,33,624	1,05,86,768	77,138	83,231	6,093	1,06,63,906	Mis. 75 I., 19th Feb. 1918.	1,700
								Total ..	63,530

IRRIGATION BRANCH.

PUBLIC WORKS DEPARTMENT.

SRIVAİKUNTAM ANICUT SYSTEM—Canal Project.

No. 2.—Capital Account for and to end of 1917-1918.

Heads of account.	DIRECT CHARGES.			Cost of construction as now estimated (construction estimate closed on 31st March 1889).	Expenditure against closed estimate.
	Previous.	1917-1918.	Total.		
I. WORKS—	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	44,121	...	44,121	44,321	44,121
D. Regulators	49,241	...	49,241	52,919	48,715
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	2,21,903	19,953	2,41,856	2,39,371	1,81,785
N. Tanks and reservoirs	3,55,198	...	3,55,198	3,55,198	3,55,198
O. Miscellaneous	1,129	...	1,129	2,789	1,129
Total	7,46,734	19,953	7,66,687	7,69,740	7,06,090
(3) <i>Distributaries—</i>					
B. Land	13,870	...	13,870	13,870	13,870
C. Works	62,837	...	62,837	62,837	62,837
L. Earthwork	1,14,437	...	1,14,437	1,14,437	1,14,437
N. Tanks and reservoirs	49,053	...	49,053	49,053	49,053
Total	2,40,197	...	2,40,197	2,40,197	2,40,197
(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
Provision for unforeseen works	...	...	...	...	...
Total, Works	12,76,834	19,953	12,96,787	12,99,840	12,36,190
II. ESTABLISHMENT	3,15,831	3,862	3,19,693	3,21,749	3,07,759
III. TOOLS AND PLANT	10,524	...	10,524	10,524	10,524
Grand Total	16,03,189	23,815	16,27,004	16,32,113	15,54,473
V. <i>Less—RECEIPTS ON CAPITAL ACCOUNT</i>	369	...	369	369	369
(a) Net Total	16,02,820	23,815	16,26,635	16,31,744	15,54,104

(a) Chargeable to "49. Irrigation."

ADMINISTRATIVE ACCOUNTS FOR THE YEAR 1917-18.

MADRAS PRESIDENCY.

SRIVAİKUNTAM ANICUT SYSTEM—Canal Project.

No. 3.—Revenue Account for and to end of 1917-1918.

Receipts.	TOTAL.			Charges.	TOTAL.		
	Previous.	1917-1918.	Total.		Previous.	1917-1918.	Total.
I. DIRECT RECEIPTS—	RS.	RS.	RS.	I. EXTENSIONS AND IMPROVEMENTS—	RS.	RS.	RS.
4. Water-supply of towns	28,873	1,033	29,911	(1) Head works	6,726	...	6,726
5. Receipts from plantations	2,754	...	2,754	(2) Main canals and branches	64,314	217	64,531
6. Receipts from other canal produce	40,831	2,555	43,386	(3) Distributaries	31,552	1,237	32,789
9. Rents of buildings	10,471	418	10,889	(4) Drainage and protective works	5,680	...	5,680
10. Fines	50	...	50	Total	1,08,272	1,070	1,09,342
11. Miscellaneous	6,900	1,668	8,568	II. MAINTENANCE AND REPAIRS—			
Total, Revenue realized in Public Works Department	89,879	5,679	95,558	(1) Head works	61,659	1,019	62,678
Irrigation Revenue realized in Civil Department	15,87,69	1,50,805	16,38,499	(2) Main canals and branches	5,42,351	26,463	5,68,814
Total, Direct Receipts	46,27,573	1,56,284	47,83,857	(3) Distributaries	1,97,510	2,859	2,00,369
II. INDIRECT RECEIPTS—				(4) Drainage and protective works	24,030	2,065	26,095
Share of land revenue collected in the Civil Department	74,805	1,490	76,295	Add—Unclassifiable outlay	...	...	...
Total, Public Works and Civil Departments, Revenue	47,02,382	1,57,774	48,60,156	Total	8,25,550	32,405	8,57,955
Total, Receipts	47,02,382	1,57,774	48,60,156	Total, Extensions and Improvements and Maintenance and Repairs	9,83,822	31,338	10,15,160
				IV. ESTABLISHMENT	4,82,876	16,180	4,99,056
				V. TOOLS AND PLANT	7,402	...	7,402
				VI. REFUNDS OF REVENUE	660	...	660
				Total, Direct Charges	14,24,760	47,516	14,72,276
				Share of collection charges in the Civil Department	2,47,188	7,005	2,54,193
				Indirect charges	74,195	2,265	76,460
				Total, Direct and Indirect Charges	17,46,143	57,386	18,03,529
				Deduct Old maintenance charges saved to Government	3,37,418	7,001	3,44,419
				Net Total	14,08,725	50,385	14,59,110
				Balance, net revenue	32,93,657	1,07,389	34,01,046
				Grand Total	47,02,382	1,57,774	48,60,156

		RS.	
Direct—			
Extensions and Improvements	.. ..	352	
Maintenance and Repairs	.. ..	5,208	
Establishment	.. ..	1,196	
Tools and plant	.. ..	78	
		6,834	
Indirect		167	
Total		7,001	

No. 4.—Interest Account for and to end of 1917-1918.

	Amount.			Amount.	
	RS.	RS.		RS.	RS.
Total interest charges to end of 1916-1917	23,88,073		Net revenue realized to end of 1916-1917	32,93,657	
Total interest charges for the year 1917-1918	56,079		Net revenue realized during 1917-1918	1,07,389	
Balance, net revenue	9,56,894				
Total	34,01,046		Total	34,01,046	

SRIVAİKUNTAM ANICUT SYSTEM—Canal Project.
No. 5.—Account of Indirect Charges for and to end of 1917-1918.

Particulars.	Previous.	1917-1918.	Total.
	Rs.	Rs.	Rs.
Capital—			
Capitalization of abatement of land revenue	41,229	7	41,229
Leave and pension allowances	63,847	540	64,387
Total ..	1,05,078	540	1,05,616
Revenue—			
Capitalization of abatement of land revenue	410		410
Leave and pension allowances	73,785	2,265	76,050
Total ..	74,195	2,265	76,460
Grand Total ..	1,79,271	2,805	1,82,076

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	1,85,511	12,36,190	60,597	63,650	3,053	12,96,787	Direct charges— 260 I., 12th July 1912.	23,200
Establishment ..	2,90,193	17,566	3,07,759	11,934	13,990	2,056	3,19,693		
Tools and plant ..	10,524	..	10,524	..	..	..	10,524		
Suspense account ..	..	..	..	..	..	..	..		
Total ..	13,51,396	2,03,077	15,54,473	72,531	77,640	5,109	16,27,004	273 I., 11th June 1914.	40,450
									63,650
<i>Less—Receipts on Capital account.</i>	369	..	369	..	..	..	369		
Net Total ..	13,51,027	2,03,077	15,54,104	72,531	77,640	5,109	16,26,635		
<i>Indirect charges.</i>									
Capitalized abatement of land revenue ..	40,408	821	41,229	..	..	..	41,229		
Leave and pension allowances ..	60,259	2,458	62,717	1,670	..	1,670	64,387		
Total ..	1,00,667	3,279	1,03,946	1,670	..	1,670	1,05,616		
Grand Total ..	14,51,694	2,06,356	16,58,050	74,201	77,640	3,439	17,32,251		

RUSHIKULYA SYSTEM—Tank Project.

No. 2.—Capital Account for and to end of 1917-1918.

Heads of account.	DIRECT CHARGES.			Cost of construction as now estimated (construction estimate closed on 31st March 1901).	Expenditure against closed estimate.
	Previous.	1917-1918.	Total.		
I. WORKS—	Rs.	Rs.	Rs.	Rs.	Rs.
(1) <i>Head Works—</i>					
A. Preliminary expenses	15,476	..	15,476	15,476	15,476
B. Land	1,70,021	..	1,70,021	1,70,021	1,70,021
C. Works	13,53,686	3,717	13,57,403	13,57,403	13,51,950
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 ..	15,89,113	3,717	15,92,830	15,97,657	15,87,377
(2) <i>Main Canals and Branches—</i>					
A. Preliminary expenses	5,902	..	5,902	5,902	5,902
B. Land	86,387	..	86,387	86,387	86,387
C. Works	6,237	..	6,237	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 ..	4,50,345	4,000	4,54,345	4,54,345	4,51,786
G. Bridges	1,09,740	..	1,09,740	1,09,740	1,09,740
I. Navigation works	1	..	1	1	1
K. Buildings	1,220	..	1,220	1,220	1,220
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 ..	16,50,018	4,000	16,54,018	16,70,459	16,51,459
(3) <i>Distributaries—</i>					
A. Preliminary expenses	5,577	..	5,577	5,577	5,577
B. Land	84,580	..	84,580	84,580	84,580
C. Works	1,64,409	..	1,64,409	1,64,409	1,64,409
L. Earthwork	2,96,719	..	2,96,719	2,96,719	2,96,719
O. Miscellaneous	3,619	..	3,619	3,619	3,619
Total ..	5,54,904	..	5,54,904	5,54,904	5,54,904
(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
Total, Works ..	38,08,172	7,717	38,15,889	38,32,464	38,07,884
II. ESTABLISHMENT	8,04,349	744	8,05,093	8,07,377	8,04,285
III. TOOLS AND PLANT	1,27,321	..	1,27,321	1,27,321	1,27,321
Grand Total ..	47,39,849	8,461	47,48,310	47,67,162	47,39,490
V. <i>Less—RECEIPTS ON CAPITAL ACCOUNT</i> ..	65,802	51	65,853	65,853	65,853
(a) Net Total ..	46,74,047	8,410	46,82,457	47,01,309	46,73,637

(a) Chargeable to "35. Protective Works—Irrigation."

RUSHIKULYA SYSTEM—*Tank Project.*

No. 3.—Revenue Account for and to end of 1917-1918.

Receipts.	TOTAL.			Charges.	TOTAL.		
	Previous.	1917-1918.	Total.		Previous.	1917-1918.	Total.
I. DIRECT RECEIPTS—	RS.	RS.	RS.	I. EXTENSIONS AND IMPROVEMENTS—	RS.	RS.	RS.
1. Water-rates ..	25	..	25	(1) Head works ..	24,758	314	25,072
3. Sale of water ..	1,250	150	1,400	(2) Main canals and branches ..	21,656	2,588	24,244
4. Water-supply of town ..	9,400	1,225	10,625	(3) Distributaries ..	50,183	* 1,830	52,019
5. Receipts from plantations ..	4,190	163	4,353	(4) Drainage and protective works.	892	..	892
6. Receipts from other canal produce ..	13,745	747	14,492	Total ..	97,489	4,738	1,02,227
8. Navigation receipts ..	24	..	24	II. MAINTENANCE AND REPAIRS—	..	..	..
9. Rents of buildings.	2,637	90	2,727	(1) Head works ..	2,61,089	15,836	2,76,905
10. Fines ..	13	4	17	(2) Main canals and branches ..	4,14,743	16,305	4,31,049
11. Miscellaneous ..	12,677	..	12,677	(3) Distributaries ..	1,72,345	8,951	1,81,296
				(4) Drainage and protective works.	925	..	925
				Total ..	8,49,052	41,123	8,90,175
Total Revenue realized in Public Works Department.	43,961	2,379	46,340	Total, Extensions and Improvements and Maintenance and Repairs ..	9,46,541	45,861	9,92,402
Irrigation revenue realized in Civil Department ..	26,06,544	1,86,567	27,93,131	IV. ESTABLISHMENT ..	2,11,502	8,948	2,20,450
				V. TOOLS AND PLANT ..	22,317	547	23,164
				VI. REFUNDS OF REVENUE ..	79	..	79
Total, Direct Receipts.	26,50,505	1,88,266	28,38,471	Total, Direct Charges ..	11,80,539	55,355	12,35,895
II. INDIRECT RECEIPTS—				Share of collection charges in the Civil Department ..	1,32,923	9,497	1,42,419
Share of land revenue collected in the Civil Department.	65,614	4,455	70,069	Indirect charges ..	30,820	1,253	32,073
				Total, Direct and Indirect charges ..	13,44,281	66,106	14,10,387
Total, Public Works and Civil Departments, Revenue.	27,16,119	1,93,421	29,09,540	* Deduct—Old maintenance charges saved to Government ..	7,035	7,035	14,070
				Net total ..	13,37,246	59,071	13,96,317
Total, Receipts ..	27,16,119	1,93,421	29,09,540	Balance, net revenue ..	13,78,873	1,34,350	15,13,223
				Grand Total ..	27,16,119	1,93,421	29,09,540

* Direct—		RS.
Extensions and Improvements ..	..	1,475
Maintenance and Repairs ..	..	4,108
Establishment ..	..	1,200
Tools and plant ..	..	84
	Total ..	6,867
Indirect ..	..	168
		7,035

No. 4.—Interest Account for and to end of 1917-1918.

	Amount.		Amount.
Total interest charges to end of 1916-17 ..	RS. 43,15,210	Net revenue realised to end of 1916-17 ..	RS. 13,78,873
Total interest charges for the year 1917-18 ..	1,62,476	Net revenue realised during 1917-18.	1,34,350
		Balance, net interest charges ..	23,64,563
Total ..	44,77,786	Total ..	44,77,786

RUSHIKULYA SYSTEM—*Tank Project.*

No. 5.—Account of Indirect Charges for and to end of 1917-1918.

Particulars.	Previous.	1917-1918.	Total.
Capital—	RS.	RS.	RS.
Capitalization of abatement of land revenue ..	3,00,163	..	3,00,163
Leave and pension allowances ..	1,12,609	104	1,12,713
Total ..	4,12,772	104	4,12,876
Revenue—			
Capitalization of abatement of land revenue ..	1,240	..	1,240
Leave and pension allowances ..	29,530	1,253	30,833
Total ..	30,820	1,253	32,073
Grand total ..	4,43,592	1,357	4,44,949

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

Particulars.	CHARGES AGAINST CLOSED SANCTIONS.			CURRENT SANCTIONS.				REMARKS.	
	Expenditure against construction estimate.	Expenditure against open canal sanction.	Total.	Charges to date.	Amount of sanctioned estimate.	Unspent balance of estimate.	Total charges to date against old and current sanctions.	G.O. No. and date.	Amount of estimate.
Direct charges.	RS.	RS.	RS.	RS.	RS.	RS.	RS.		RS.
Works ..	35,19,924	2,88,558	38,07,884	8,012	24,580	16,568	38,15,896	443 I., 24th Sep. 1916.	3,100
Establishment ..	7,46,990	57,295	8,04,285	808	3,092	2,284	8,05,093		
Tools and plant ..	1,26,941	380	1,27,321	..	..	..	1,27,321		
Suspense account ..	..	..	..	..	..	..	..		
Total ..	43,93,257	3,46,233	47,39,490	8,820	27,672	18,852	47,48,310		
Less—Receipts on capital account.	7,851	58,002	65,853	..	..	..	65,853	279 I., 28th June 1916. 530 I., 16th Nov. 1916. 392 I., 21st Sep. 1917. 84 I., 26th Feb. 1915.	7,180 9,000 3,560 1,740
Net total ..	43,85,406	2,88,231	46,73,637	8,820	27,672	18,852	46,82,457	Total ..	24,580
Indirect charges.									
Capitalized abatement of land revenue.	2,92,911	7,252	3,00,163	..	..	..	3,00,163		
Leave and pension allowances.	1,04,579	8,021	1,12,600	113	..	— 113	1,12,713		
Total ..	3,97,490	15,273	4,12,763	113	..	— 113	4,12,876		
Grand total ..	47,82,896	3,03,504	50,86,400	8,933	27,672	18,739	50,95,333		

IRRIGATION BRANCH.

PUBLIC WORKS DEPARTMENT.

BHAVANASI TANK PROJECT—*Tank Project.*

No. 2.—Capital Account for and to end of 1917-1918.

Heads of account.	DIRECT CHARGES.			Cost of construction as now estimated.	Expenditure against closed estimate.
	Previous.	1917-1918.	Total.		
I. WORKS—	Rs.	Rs.	Rs.	Rs.	
(1) <i>Head Works—</i>					
A. Preliminary expenses ...	1,188	...	1,188	1,200	...
B. Land ...	8,432	24	8,456	8,613	...
C. Works ...	7,816	1,561	9,377	15,720	...
E. Falls and Weirs ...	6,884	...	6,884	...	...
L. Earthwork ...	71,028	26,383	97,411	85,250	...
O. Miscellaneous ...	123	...	123	270	...
Total ...	95,471	27,968	1,23,439	1,11,053	...
(2) <i>Main Canals and Branches—</i>					
A. Preliminary expenses ...	17	...	17	136	...
B. Land ...	4,211	...	4,211	4,211	...
C. Works ...	11,014	1,513	12,527	15,970	...
D. Regulators ...	...	...	...	...	...
F. Rivers and Hill Torrents ...	...	...	...	...	...
F. (1) Other cross drainage works ...	...	...	...	...	...
G. Bridges ...	...	...	...	...	...
K. Buildings ...	...	...	...	...	...
L. Earthwork ...	17,924	6,186	24,110	24,720	...
O. Miscellaneous ...	303	...	303	310	...
P. Maintenance ...	...	...	...	...	...
Total ...	33,469	7,799	41,268	45,847	...
(3) <i>Distributaries—</i>					
B. Land ...	...	...	...	...	...
C. Works ...	...	...	...	...	...
L. Earthwork ...	...	...	...	...	...
O. Miscellaneous ...	...	...	...	...	...
P. Maintenance ...	...	...	...	...	...
Total ...	...	...	...	...	...
Provision for unforeseen works ...	...	...	...	...	...
Total Works ...	1,28,940	35,767	1,64,707	1,56,400	...
II. ESTABLISHMENT ...	25,147	7,554	32,701	30,582	...
III. TOOLS AND PLANT ...	24,734	652	25,386	15,307	...
V. Less receipts on capital account ...	1,78,821	43,973	2,22,794	2,02,289	...
	144	1	145	...	...
(a) Grand Total ...	1,78,677	43,972	2,22,649	2,02,289	...

(a) Chargeable to "35. Protective Works—Irrigation—Imperial."

Note.—The Government have ordered that the excess may be explained in the report on the closure of the construction estimate of the project.

ADMINISTRATIVE ACCOUNTS FOR THE YEAR 1917-18.

MADRAS PRESIDENCY.

BHAVANASI TANK PROJECT—*Tank Project.*

No. 4.—Interest Account for and to end of 1917-1918.

	Amount.		Amount.
	Rs.		Rs.
Total interest charges to end of 1916-1917.	14,616	Net revenue realized to end of 1916-1917.	..
Total interest charges for the year 1917-1918.	6,969	Net revenue realized during 1917-1918.	..
		Balance net interest charges ..	21,585
Total ..	21,585	Total ..	21,585

No. 5.—Account of Indirect Charges for and to end of 1917-1918.

Particulars.	Previous.	1917-1918.	Total.
	Rs.	Rs.	Rs.
CAPITAL—			
Capitalization of abatement of land revenue ..	5,000	..	5,000
Leave and pension allowances ..	3,520	1,058	4,578
Total ..	8,520	1,058	9,578
REVENUE—			
Capitalization of abatement of land revenue ..	..	..	..
Leave and pension allowances ..	..	..	..
Total ..	..	..	..
Grand total ..	8,520	1,058	9,578

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>	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.		Rs.
Works ..	..	..	..	1,64,707	1,56,400	— 8,307	1,64,707	367 L. 25th Aug. 1916. Direct .. Indirect ..	1,56,400 6,711
Establishment ..	..	..	..	32,701	30,582	— 2,119	32,701		
Tools and plant ..	..	..	..	25,386	15,307	— 10,079	25,386		
Suspense account ..	..	..	..	..	..	..	..		
Total ..	..	..	..	2,22,794	2,02,289	— 20,505	2,22,794		
Less—Receipts on Capital account.	..	..	..	145	..	— 145	145		
Net Total ..	..	..	..	2,22,649	2,02,289	— 20,360	2,22,649		
<i>Indirect Charges.</i>									
Capitalized abatement of land revenue.	..	..	..	5,000	2,430	— 2,570	5,000		
Leave and pension allowances.	..	..	..	4,578	4,281	— 297	4,578		
Total ..	..	..	..	9,578	6,711	— 2,867	9,578		
Grand Total ..	..	..	..	2,32,227	2,09,000	— 23,227	2,32,227		

IRRIGATION BRANCH.

PUBLIC WORKS DEPARTMENT.

MOPAD PROJECT—Canal Project.

No. 2.—Capital Account for and to end of 1917-1918.

Heads of account.	DIRECT CHARGES.			Cost of construction as now estimated.	Expenditure against closed estimate.
	Previous.	1917-1918.	Total.		
I. WORKS—	Rs.	Rs.	Rs.	Rs.	Rs.
(1) <i>Head Works—</i>					
A. Preliminary expenses ...	13,472	...	13,472	9,100	...
B. Land ...	82,643	...	82,643	86,060	...
C. Works ...	43,339	...	43,339	43,861	...
K. Buildings ...	22,236	466	22,702	22,500	...
L. Earthwork ...	7,76,261	1,14,523	8,90,787	10,47,500	...
N. Tanks and reservoirs ...	...	...	...	...	...
O. Miscellaneous ...	8,029	2,075	10,104	11,480	...
P. Maintenance ...	18,745	1,874	20,619	17,000	...
Unforeseen works ...	...	...	...	10,082	...
Total ...	9,64,725	1,18,941	10,83,666	12,47,583	...
(2) <i>Main Canals and Branches—</i>					
A. Preliminary expenses ...	1,370	444	1,814	11,220	...
B. Land ...	6,545	369	6,914	9,290	...
D. Regulators ...	4,960	2,173	7,133	13,600	...
E. Falls and weirs ...	17,792	1,344	19,136	28,550	...
F. (1) Other cross drainage works ...	1,23,599	12,612	1,36,211	1,44,464	...
G. Bridges ...	10,907	183	11,090	10,272	...
K. Buildings ...	3,046	...	3,046	3,000	...
L. Earthwork ...	55,640	15,512	71,152	93,300	...
O. Miscellaneous ...	2,889	276	3,165	2,920	...
P. Maintenance ...	925	83	1,008	3,000	...
Unforeseen works ...	...	...	...	754	...
Total ...	2,27,673	32,996	2,60,669	3,20,870	...
(3) <i>Distributaries—</i>					
A. Preliminary expenses ...	2,041	330	2,371	1,760	...
B. Land ...	856	...	856	2,330	...
C. Works ...	...	...	...	6,140	...
L. Earthwork ...	84	39	123	9,270	...
O. Miscellaneous ...	1,143	834	1,977	1,830	...
Total ...	4,124	1,203	5,327	21,330	...
Provision for unforeseen works ...	...	...	...	...	...
Total, Works ...	11,96,522	1,53,140	13,49,662	15,89,283	...
II. ESTABLISHMENT ...	2,32,582	32,547	2,65,129	3,19,541	...
III. TOOLS AND PLANT ...	2,30,033	2,544	2,32,577	1,53,664	...
Grand Total ...	16,59,137	1,88,231	18,47,368	20,62,488	...
V. <i>Less—RECEIPTS ON CAPITAL ACCOUNT.</i>	11,401	1,458	12,859	8,611	...
(a) Net Total ...	16,47,736	1,86,773	18,34,509	20,53,877	...

(a) Chargeable to "35. Protective Works—Irrigation."

ADMINISTRATIVE ACCOUNTS FOR THE YEAR 1917-18.

MADRAS PRESIDENCY.

MOPAD PROJECT—Canal Project.

No. 4.—Interest Account for and to end of 1917-1918.

	Amount.		Amount.
	Rs.		Rs.
Total interest charges to end of 1916-1917 ..	2,73,475	Net revenue realized to end of 1916-1917 ..	..
Total interest charges for the year 1917-1918.	30,469	Net revenue realized during 1917-1918 ..	..
		Balance net interest charges ..	3,33,944
Total ..	3,33,944	Total ..	3,33,944

No. 5.—Account of Indirect Charges for and to end of 1917-1918.

Particulars.	Previous.	1917-1918.	Total.
CAPITAL—	Rs.	Rs.	Rs.
Capitalization of abatement of land revenue ..	51,559	15	51,574
Leave and pension allowances ..	32,563	4,557	37,120
Total ..	84,122	4,572	88,694
REVENUE—			
Capitalization of abatement of land revenue ..	..	..	..
Leave and pension allowances ..	..	..	..
Total ..	..	..	..
Grand Total ..	84,122	4,572	88,694

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 ..	..	..	..	13,49,662	15,89,233	2,39,621	13,49,662	144 L. 8th March 1915.	
Establishment ..	..	..	..	2,65,129	3,19,541	54,412	2,65,129	Direct charges.	15,89,283
Tools and plant ..	..	..	..	2,32,577	1,53,664	78,913	2,32,577	Indirect Charges.	92,134
Suspense account ..	..	..	..	..	..	..	..		
Total ..	..	..	..	18,47,368	20,62,488	2,15,120	18,47,368		
<i>Less—Receipts on Capital Account.</i>	..	..	..	12,859	8,611	4,248	12,859		
Net Total ..	..	..	..	18,34,509	20,53,877	2,19,368	18,34,509		
<i>Indirect Charges.</i>									
Capitalized abatement of land revenue ..	..	..	..	51,574	47,398	4,176	51,574		
Leave and pension allowances ..	..	..	..	37,120	44,736	7,616	37,120		
Total ..	..	..	..	88,694	92,134	3,440	88,694		
Grand Total ..	..	..	..	19,23,203	21,46,011	2,22,808	19,23,203		

IRRIGATION BRANCH.

PUBLIC WORKS DEPARTMENT.

VENKATAPURAM TANK PROJECT—*Tank Project.*

No. 2.—Capital Account for and to end of 1917-1918.

Heads of account.	DIRECT CHARGES.			Cost of construction as now estimated.	Expenditure against closed estimate.
	Previous.	1917-1918.	Total.		
I. WORKS—	Rs.	Rs.	Rs.	Rs.	
(1) <i>Head Works—</i>					
A. Preliminary expenses	...	...	...	2,600	...
B. Land ...	1,781	...	1,781	2,070	...
C. Works ...	52,151	391	52,542	46,550	...
K. Buildings ...	424	630	1,054	4,500	...
L. Earthwork ...	2,22,101	6,300	2,28,401	2,02,300	...
O. Miscellaneous ...	174	77	251	90	...
Total ...	2,76,631	7,398	2,84,029	2,58,110	...
(2) <i>Main Canals and Branches—</i>					
A. Preliminary expenses	...	...	...	100	...
B. Land ...	...	...	...	90	...
C. Works ...	2,654	5,041	7,695	2,170	...
D. Regulators ...	...	...	...	...	...
F. Rivers and Hill Torrents	...	...	...	...	...
F. (1) Other cross drainage works.	...	...	...	...	...
G. Bridges ...	...	...	...	...	...
K. Buildings ...	...	...	...	...	...
L. Earthwork ...	1,447	4,683	6,130	3,280	...
O. Miscellaneous ...	2,954	...	2,954	2,560	...
P. Maintenance ...	...	...	...	...	...
Total ...	7,055	9,724	16,779	8,200	...
(3) <i>Distributaries—</i>					
B. Land ...	...	...	...	...	...
C. Works ...	...	...	...	...	...
L. Earthwork ...	...	...	...	...	...
O. Miscellaneous ...	...	...	...	...	...
P. Maintenance ...	...	...	...	...	...
Total ...	...	...	...	...	...
Provision for unforeseen works	...	...	...	650	...
Total, Works ...	2,83,686	17,122	3,00,808	2,66,960	...
II. ESTABLISHMENT ...	58,672	3,681	62,353	60,904	...
III. TOOLS AND PLANT ...	4,189	16	4,205	3,912	...
Grand Total ...	3,46,547	20,819	3,67,366	3,31,776	...
V. <i>Less—RECEIPTS ON CAPITAL ACCOUNT.</i>	519	...	519	...	...
(a) Net Total ...	3,46,028	20,819	3,66,847	3,31,776	...

(a) Chargeable to "35. Protective Works—Irrigation—Imperial."

Note.—Government have ordered that the excess should be explained in the completion report for the project. This is waived.

ADMINISTRATIVE ACCOUNTS FOR THE YEAR 1917-18. MADRAS PRESIDENCY.

VENKATAPURAM TANK PROJECT—*Tank Project.*

No. 4.—Interest Account for and to end of 1917-1918.

	Amount.		Amount.
Total interest charges to end of 1916-1917	Rs. 58,936	Net revenue realized to end of 1916-1917	Rs. ...
Total interest charges for the year 1917-1918.	12,379	Net revenue realized during 1917-1918	...
		Balance net interest charges	71,315
Total ..	71,315	Total ..	71,315

No. 5.—Account of Indirect Charges for and to end of 1917-1918.

Particulars.	Previous.	1917-1918.	Total.
CAPITAL—	Rs.	Rs.	Rs.
Capitalization of abatement of land revenue	3,627	...	3,627
Leave and pension allowances	8,213	515	8,728
Total ..	11,840	515	12,355
REVENUE—			
Capitalization of abatement of land revenue	...	...	...
Leave and pension allowances	...	...	...
Total ..	...	...	...
Grand Total ..	11,840	515	12,355

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.
Direct Charges.				Rs.	Rs.	Rs.	Rs.		Rs.
Works	...	...	...	3,00,808	2,66,960	— 33,848	3,00,808	402 I., 27th September 1909. Direct .. Indirect ..	2,86,960 11,824
Establishment	...	...	...	62,353	60,904	— 1,449	62,353		
Tools and plant	...	...	...	4,205	3,912	— 293	4,205		
Suspense account	...	...	...	...	...	...	...		
Total ..	...	...	...	3,67,366	3,31,776	— 35,590	3,67,366		
Less—Receipts on Capital Account ..	...	...	...	519	...	— 519	519		
Net Total ..	...	...	...	3,66,847	3,31,776	— 35,071	3,66,847		
Indirect Charges.									
Capitalized abatement of land revenue	...	...	...	3,627	6,300	2,673	3,627		
Leave and pension allowances	...	...	...	8,728	8,524	— 204	8,728		
Total ..	...	...	...	12,355	14,824	2,469	12,355		
Grand Total ..	...	...	...	3,79,202	3,46,600	— 32,602	3,79,202		

IRRIGATION BRANCH.

PUBLIC WORKS DEPARTMENT.

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

Name of project.	ESTIMATED COST OF CONSTRUCTION.			CAPITAL OUTLAY					
	Direct charges.	Indirect charges.	Total.	During 1917-1918.			To end of 1917-1918.		
				Direct charges.	Indirect charges.	Total.	Direct charges.	Indirect charges.	Total.
43. MINOR WORKS AND NAVIGATION.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.
<i>Irrigation Works.</i>									
Ganjam minor rivers system ..	2,58,182	10,203	2,68,385	..	..	..	2,58,182	10,203	2,68,385
Muniyeru project ..	6,71,434	28,000	6,99,434	..	..	..	6,68,966	29,836	6,98,602
Peddinayadu tank of Chennarowpalem.	68,234	20,726	88,960	..	..	..	62,093	1,397	63,495
Jangameshwarapuram tank ..	61,253	10,411	71,664	81	2	83	61,253	10,411	71,664
Atmakuru tank ..	1,09,951	13,428	1,23,379	..	..	..	1,09,951	13,428	1,23,379
Dondapad tank ..	1,24,786	15,218	1,40,004	..	..	..	1,24,786	15,218	1,40,004
Hajipuram tank ..	2,78,774	33,109	3,11,883	..	..	..	2,78,774	33,109	3,11,883
Ponnalur tank ..	1,90,887	25,011	2,15,898	15,779	391	16,170	1,82,141	25,402	2,07,543
Anamasamudram-Beraperu tank.	71,687	1,886	73,573	..	..	..	71,687	1,886	73,573
Yerur tank ..	61,741	1,612	63,353	..	..	..	61,741	1,612	63,353
Vamula tank ..	62,186	1,571	63,757	..	..	..	62,186	1,571	63,757
Sagileru system ..	4,47,108	17,619	4,64,727	..	..	..	4,47,108	17,619	4,64,727
Talapula tank ..	66,283	2,541	68,824	..	..	..	66,283	2,541	68,824
Cumbum tank ..	83,985	2,388	86,373	..	..	..	83,985	2,388	86,373
Markapur tank project ..	1,16,657	4,001	1,20,658	..	..	..	1,16,657	4,001	1,20,658
Yellanur tank project ..	2,35,711	30,089	2,65,800	3,339	72	3,411	2,24,369	29,883	2,54,652
Kocheravu tank project ..	1,22,800	8,700	1,31,500	2,725	66	2,791	1,18,530	10,615	1,29,145
Siddapur tank project ..	8,68,080	26,620	9,14,700	59,285	2,764	62,049	8,46,208	16,642	8,62,845
Nagavaram anicut and supply channel.	1,03,610	2,185	1,05,795	..	..	..	1,07,295	2,595	1,09,890
Arkenkota channel ..	1,47,006	3,676	1,50,682	..	..	..	1,40,769	3,676	1,44,445
Thadapalle do. ..	1,70,380	11,050	1,81,430	..	..	..	1,64,755	11,050	1,75,805
Kalingaroyan channel ..	1,78,780	4,506	1,83,286	..	..	..	1,75,980	4,506	1,80,486
Kannalappali anicut ..	94,405	2,339	96,744	19,663	475	20,138	48,073	1,177	49,250
Palar anicut system ..	23,28,492	1,16,752	24,45,244	3,037	75	3,112	23,26,160	1,16,780	24,42,940
Vallur anicut system ..	74,585	1,666	76,251	5,235	127	5,362	68,823	1,793	70,616
Madras Water-supply and Irrigation system.	15,47,123	2,38,945	17,86,068	480	15	495	15,47,123	2,38,945	17,86,068
Chembrambakkam tank ..	6,48,970	1,12,547	7,61,517	..	..	..	6,89,251	1,12,547	7,51,798
Mehamattur anicut system ..	70,761	1,897	72,658	..	..	..	70,761	1,897	72,658
Vridhachalam anicut system.	84,191	2,494	86,685	..	..	..	84,191	2,494	86,685
Pelandorai anicut system ..	6,42,823	47,800	6,90,623	11,358	159	11,517	6,22,485	47,953	6,70,394
Nandiyar channel system ..	63,231	2,484	65,715	1,590	39	1,629	63,231	2,484	65,715
Marudur anicut system ..	50,541	1,265	51,806	..	..	..	50,541	1,265	51,806
Panjapatti Reservoir ..	2,36,090	68,510	4,04,600	31,305	758	32,063	2,31,594	9,322	2,91,211
<i>Navigation Works.</i>									
Chilka lake canal ..	30,240	787	31,027	..	..	..	30,240	787	31,027
Ganjam-Gopalpur canal ..	1,43,100	12,393	1,55,493	..	..	..	1,43,100	12,393	1,55,493
Buckingham canal ..	85,56,015	4,88,255	90,44,271	2,361	59	2,420	85,20,455	4,88,315	90,08,770
Yedaranniyam canal ..	1,32,699	3,733	1,36,432	..	..	..	1,32,699	3,733	1,36,432
Total ..	1,93,22,731	13,76,418	2,06,99,149	1,66,238	5,002	1,61,240	1,89,82,075	12,91,060	2,02,53,756

MADRAS PRESIDENCY.

ADMINISTRATIVE ACCOUNTS FOR THE YEAR 1917-18.

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

RECEIPTS DURING 1917-1918.			WORKING EXPENSES DURING 1917-1918.			NET RESULT EXCLUDING INTEREST (DIFFERENCE BETWEEN REVENUE AND WORKING EXPENSES).				during	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 1915-1916.	Excess revenue (surplus).	Excess expenditure (deficit).	Rate per cent.	
								Of excess revenue.	Of excess expenditure.		Of excess revenue.	Of excess expenditure.		
RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.							
5,6380	7,324	63,704	21,385	426	21,812	41,892	..	15.61	..	..	..	..	..	..
23,645	60	23,705	9,542	210	9,752	13,953	..	2.33	..	..	..	..	..	..
535	..	535	146	3	149	386	..	61	..	..	..	..	..	..
1,761	..	1,761	211	3	214	1,547	..	2.16	..	..	..	..	..	..
2,844	..	2,844	264	3	267	2,577	..	2.09	..	..	..	..	..	..
1,992	3	1,995	590	12	602	1,393	..	69	..	..	..	..	..	..
5,735	15	5,750	344	16	360	5,390	..	1.73	..	..	..	..	..	..
4,759	..	4,759	272	1	273	4,486	..	2.16	..	..	..	..	..	..
1,521	1	1,522	710	19	729	2,251	..	3.66	..	..	..	..	..	..
3,094	64	3,158	158	..	158	3,000	..	4.74	..	..	..	..	..	..
..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
7,262	4	7,266	30	2	32	7,185	..	1.65	..	..	..	..	..	..
..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
23,556	461	24,017	2,705	37	2,742	21,275	..	24.63	..	..	..	..	..	..
5,439	1	5,440	3,688	85	3,768	1,672	..	1.39	..	..	..	..	..	..
..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
19,698	410	20,308	6,272	133	6,405	13,903	..	9.63	..	..	..	..	..	..
58,705	2,900	61,605	11,379	215	11,594	50,011	..	28.45	..	..	..	..	..	..
48,243	483	48,726	12,958	335	13,293	35,433	..	19.63	..	..	..	..	..	..
..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
2,19,569	16,733	2,36,302	66,798	1,588	68,386	1,47,616	..	6.04	..	..	..	..	..	..
2,348	1,074	3,422	2,045	45	2,090	1,332	..	1.89	..	..	..	..	..	..
47,180	462	47,642	6,961	478	7,439	40,203	..	2.25	..	..	..	..	..	..
53,678	908	54,484	11,076	201	11,277	43,207	..	5.75	..	..	..	..	..	..
16,138	51	16,189	4,298	87	4,385	11,804	..	16.25	..	..	..	..	..	..
24,536	291	24,820	11,535	253	11,783	13,037	..	15.04	..	..	..	..	..	..
44,229	76	44,305	31,955	747	32,702	11,603	..	1.73	..	..	..	..	..	..
5,047	54	5,101	671	16	687	5,788	..	8.81	..	..	..	..	..	..
91,820	270	92,090	13,796	243	14,039	78,051	..	150.66	..	..	..	..	..	..
..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
118	..	118	180	5	185	..	67	..	04	..	..	..	..	..
79,239	..	79,239	1,88,690	4,074	1,42,764	..	63,525	..	71	..	..	..	..	..
622	..	622	8,354	209	8,563	..	7,951	..	5.83	..	..	..	..	..
8,49,781	31,648	8,81,429	3,84,257	9,670	3,93,927	4,87,452	..	2.41	..	..	..	..	..	..

IRRIGATION BRANCH.

PUBLIC WORKS DEPARTMENT.

GANJAM MINOR RIVERS SYSTEM—Canal Project.

No. 2.—Capital Account for and to end of 1917-1918.

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.	1917-1918.	Total.		
I. WORKS—	Rs.	Rs.	Rs.	Rs.	Rs.
(1) <i>Head Works—</i>					
C. Works	1,647	...	1,647	1,647	1,647
Total	1,647	...	1,647	1,647	1,647
(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	3,591	...	3,591	3,591	3,591
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	2,922	...	2,922	2,922	2,922
O. Miscellaneous	2,220	...	2,220	2,220	2,220
P. Maintenance... ..	...	...	...	...	...
Total	1,10,423	...	1,10,423	1,10,423	1,10,423
(3) <i>Distributaries—</i>					
A. Preliminary expenses	...	...	...	...	...
B. Land	2,889	...	2,889	2,889	2,889
C. Works	51,904	...	51,904	51,904	51,904
L. Earthwork	11,610	...	11,610	11,610	11,610
O. Miscellaneous	404	...	404	404	404
Total	66,807	...	66,807	66,807	66,807
(4) <i>Drainage and Protective Works—</i>					
B. Land... ..	7,646	...	7,646	7,646	7,646
C. Works	3,584	...	3,584	3,584	3,584
L. Earthwork	16,097	...	16,097	16,097	16,097
O. Miscellaneous	210	...	210	210	210
Total	27,537	...	27,537	27,537	27,537
Add—Unclassifiable outlay	7,929	...	7,929	7,929	7,929
Total Works	2,14,343	...	2,14,343	2,14,343	2,14,343
II. ESTABLISHMENT	43,700	...	43,700	43,700	43,700
III. TOOLS AND PLANT	139	...	139	139	139
Grand Total	2,58,182	...	2,58,182	2,58,182	2,58,182
V. Less—RECEIPTS ON CAPITAL ACCOUNT	...	...	...	...	...
Net Total	2,58,182	...	2,58,182	2,58,182	2,58,182

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

ADMINISTRATIVE ACCOUNTS FOR THE YEAR 1917-18.

MADRAS PRESIDENCY.

GANJAM MINOR RIVERS SYSTEM—Canal Project.

No. 3.—Revenue Account for and to end of 1917-1918.

Receipts.*	TOTAL.			Charges.	TOTAL.		
	Previous.	1917-1918.	Total.		Previous.	1917-1918.	Total.
I. DIRECT RECEIPTS—	RS.	RS.	RS.	I. EXTENSIONS AND IMPROVEMENTS—	RS.	RS.	RS.
1. Water-rates from irrigation	62	...	62	(1) Head works	456	104	560
2. Owner's rates	139	...	139	(2) Main canals and branches	33,630	1,467	35,097
3. Receipts from sale of water	734	...	734	(3) Distributaries	76,916	2,079	78,995
5. Receipts from plantations	1,414	...	1,414	(4) Drainage and protective works	5,713	...	5,713
6. Receipts from other canal produce	6,016	27	6,043	Total	1,13,705	3,660	1,20,365
11. Miscellaneous	667	155	822	II. MAINTENANCE AND REPAIRS—			
Total, Revenue realized in Public Works Department	9,032	182	9,214	(1) Head works	2,527	159	2,686
Irrigation Revenue realized in Civil Department	14,04,488	56,198	15,60,686	(2) Main canals and branches	2,94,552	9,466	3,04,008
Total, Direct Receipts	15,03,520	56,380	15,59,900	(3) Distributaries	1,98,121	6,627	1,99,748
II. INDIRECT RECEIPTS—				(4) Drainage and protective works	4,817	...	4,817
Share of Land Revenue collected in the Civil Department	3,59,319	7,324	3,66,643	Add—Unclassifiable outlay	2,969	...	2,969
Total, Public Works and Civil Departments, Revenue	18,62,839	63,704	19,26,543	Total	4,97,985	16,242	5,14,228
Total, Receipts	18,62,839	63,704	19,26,543	Total, Extensions and Improvements and Maintenance and Repairs	6,14,691	19,892	6,34,583
				IV. ESTABLISHMENT	1,36,323	4,044	1,40,367
				V. TOOLS AND PLANT	...	...	...
				VI. REFUNDS OF REVENUE	5	...	5
				Total, Direct Charges	7,51,011	23,936	7,74,947
				Share of collection charges in the Civil department	92,691	3,176	95,867
				Indirect charges	28,122	566	28,688
				Total, Direct and Indirect Charges	8,71,824	27,678	8,99,502
				* Deduct—old maintenance charges saved to Government	5,866	5,866	11,732
				Net Revenue	8,65,958	21,812	8,87,770
				Balance, not revenue	2,96,881	41,892	10,38,773
				Grand Total	18,62,839	63,704	19,26,543

* Direct—	RS.
Extensions and improvements	1,529
Maintenance and repairs	3,126
Establishment	1,001
Tools and plant	70
Indirect	5,726
Total	11,446

No. 5.—Account of Indirect Charges for and to end of 1917-1918.

Particulars.	Previous.	1917-1918.	Total.
CAPITAL—	RS.	RS.	RS.
Capitalization of abatement of land revenue	4,084	...	4,084
Leave and pension allowances	6,119	...	6,119
Total	10,203	...	10,203
REVENUE—			
Capitalization of abatement of land revenue	9,050	...	9,050
Leave and pension allowances	19,072	566	19,638
Total	28,122	566	28,688
Grand Total	38,325	566	38,891

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	1,11,546	2,14,343	..	..	..	2,14,343		..
Establishment ..	23,382	20,318	43,700	..	..	..	43,700		..
Tools and plant ..	..	139	139	..	..	..	139		..
Suspense account ..	..	..	..	..	..	..	..		..
Total ..	1,26,179	1,32,003	2,58,182	..	..	..	2,58,182		..
<i>Less—Receipts on Capital account ..</i>	..	..	..	..	..	..	..		..
Net total ..	1,26,179	1,32,003	2,58,182	..	..	..	2,58,182		..
<i>Indirect charges.</i>									
Capitalized abatement of land revenue ..	..	4,084	4,084	..	..	..	4,084		..
Leave and pension allowances ..	3,274	2,845	6,119	..	..	..	6,119		..
Total ..	3,274	6,929	10,203	..	..	..	10,203		..
Grand Total ..	1,29,453	1,38,932	2,68,385	..	..	..	2,68,385		..

MUNIYERU PROJECT—Canal Project.

No. 2.—Capital Account for and to end of 1917-1918.

Heads of account.	DIRECT CHARGES.			Cost of construction as now estimated.	Expenditure against closed estimate.
	Previous.	1916-1917.	Total.		
<i>I. WORKS—</i>	RS.	RS.	RS.	RS.	RS.
(1) <i>Head Works—</i>					
A. Preliminary expenses ..	..	..	..	57	57
C. Works ..	..	..	..	54,547	51,290
K. Buildings ..	..	..	..	4,205	4,205
P. Maintenance ..	..	..	..	9,815	10,162
Total ..	..	..	..	68,624	65,721
(2) <i>Main Canals and Branches—</i>					
B. Land ..	..	..	..	10,011	10,000
D. Regulators ..	..	..	..	12,042	12,042
E. Falls and weirs ..	..	..	..	..	..
F. River and hill torrent works ..	..	..	..	3,046	7,524
F. (1) Other cross drainage works ..	..	..	..	85,903	80,038
G. Bridges ..	..	..	..	18,938	18,854
H. Escapes ..	..	..	..	..	..
K. Buildings ..	..	..	..	4,586	4,731
L. Earthwork ..	..	..	..	1,83,745	2,01,950
N. Tanks and reservoirs ..	..	..	..	6,359	6,879
O. Miscellaneous ..	..	..	..	2,734	2,854
P. Maintenance ..	..	..	..	107	107
Total ..	..	..	..	3,27,471	3,51,010
(3) <i>Distributaries—</i>					
C. Works ..	..	..	..	23,437	25,395
L. Earthwork ..	..	..	..	41,198	42,222
O. Miscellaneous ..	..	..	..	2,449	2,550
Total ..	..	..	..	67,084	70,167
Provision for unforeseen works ..	..	..	..	..	17,640
Total, Works ..	..	..	..	4,63,179	5,41,538
II. ESTABLISHMENT ..	..	..	..	1,03,806	1,22,194
III. TOOLS AND PLANT ..	..	..	..	3,713	7,702
Grand Total ..	..	..	..	5,70,698	6,71,434
V. <i>Less—RECEIPTS ON CAPITAL ACCOUNT</i>	..	..	..	1,732	..
(a) Net Total ..	..	..	..	5,68,966	6,71,434

(a) Chargeable to "48. Minor Works and Navigation—Provincial."

ADMINISTRATIVE ACCOUNTS FOR THE YEAR 1917-18.

MADRAS PRESIDENCY.

MUNIYERU PROJECT—Canal Project.

No. 3.—Revenue Account for and to end of 1917-1918.

Receipts.	TOTAL.			Charges.	TOTAL.		
	Previous.	1917-1918.	Total.		Previous.	1917-1918.	Total.
<i>I. DIRECT RECEIPTS—</i>	RS.	RS.	RS.	<i>1. EXTENSIONS AND IMPROVEMENTS—</i>	RS.	RS.	RS.
5. Receipts from plantations ..	504	..	504	(1) Head works ..	2,471	..	2,471
6. Receipts from other canal produce ..	2,376	720	3,096	(2) Main canals and branches ..	2,685	503	3,188
9. Rents of buildings ..	954	75	1,039	(3) Distributaries ..	909	..	909
11. Miscellaneous ..	4,264	..	4,264	(4) Drainage and protective works ..	..	..	..
Total, Revenue realized in Public Works Department ..	8,108	795	8,903	Total ..	6,058	503	6,561
Irrigation Revenue realized in Civil Department ..	2,60,747	22,850	2,83,597	<i>II. MAINTENANCE AND REPAIRS—</i>			
Total, Direct Receipts ..	2,68,855	23,645	2,92,500	(1) Head works ..	41,151	3,259	44,410
<i>II. INDIRECT RECEIPTS—</i>				(2) Main canals and branches ..	54,225	2,782	57,007
Share of Land Revenue collected in the Civil Department ..	1,855	60	1,915	(3) Distributaries ..	14,800	575	15,375
Total, Public Works and Civil Departments, Revenue ..	2,70,710	23,705	2,94,415	(4) Drainage and protective works ..	..	..	..
				Add—Unclassifiable outlay ..	..	..	..
				Total ..	1,10,176	6,616	1,16,792
				Total, Extensions and Improvements and Maintenance and Repairs ..	1,16,234	7,119	1,23,353
				<i>IV. ESTABLISHMENT</i> ..	26,440	1,550	27,990
				<i>V. TOOLS AND PLANT</i> ..	1,247	..	1,247
				<i>VI. REFUNDS OF REVENUE</i> ..	51	..	51
				Total, Direct Charges ..	1,43,972	8,669	1,52,641
				Share of collection charges in the Civil Department ..	18,131	1,146	19,277
				Indirect Charges ..	3,888	217	4,105
				Total, Direct and Indirect Charges ..	1,60,791	10,032	1,70,823
				* Deduct old maintenance charges saved to Government ..	280	280	560
				Net Revenue ..	1,60,511	9,752	1,70,263
				Balance, net revenue ..	1,10,199	13,958	1,24,157
Total, Receipts ..	2,70,710	23,705	2,94,415	Grand Total ..	2,70,710	23,705	2,94,415

• Direct—

Extensions and improvements ..	..	..	..	..	..	..	RS.
Maintenance and repairs ..	..	..	..	..	..	..	..
Establishment ..	..	..	..	..	..	..	222
Tools and plant ..	..	..	..	..	..	..	48
							3
							Total .. 273
							Indirect .. 7
							Total .. 280

No. 5.—Account of Indirect Charges for and to end of 1917-1918.

Particulars.	Previous.	1917-1918.	Total.
<i>CAPITAL—</i>			
Capitalization of abatement of land revenue ..	RS. 15,104	RS. ..	RS. 15,104
Leave and pension allowances ..	14,532	..	14,532
Total ..	29,636	..	29,636
<i>REVENUE—</i>			
Leave and pension allowances ..	3,688	217	3,905
Grand Total ..	33,324	217	33,541

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.	<i>Direct Charges.</i>	RS.
Works	..	..	..	4,63,179	5,41,538	78,359	4,63,179	518 I., 8th July 1898.	4,84,800
Establishment ..	..	..	..	1,03,806	1,22,194	18,388	1,03,806	163 I., 17th Feb. 1899.	10,000
Tools and plant ..	..	..	..	3,713	7,702	3,989	3,713	270 I., 17th Mar. 1900.	9,182
Suspense account ..	..	..	..	..	..	..	..	728 I., 17th July 1902.	27,000
Total	..	..	..	5,70,698	6,71,434	1,00,736	5,70,698	890 I., 24th June 1904.	4,700
<i>Less—Receipts on Capital account ..</i>	..	..	..	1,732	..	— 1,732	1,732	266 I., 1st Sep. 1911.	1,856
Net Total	..	..	..	5,68,966	6,71,434	1,02,468	5,68,966	263 I., 20th May 1915.	4,000
<i>Indirect Charges.</i>								Total ..	5,41,538
Capitalized abatement of land revenue ..	..	..	..	15,104	12,389	— 2,715	15,104	<i>Indirect Charges.</i>	
Leave and pension allowances ..	..	..	..	14,532	15,811	1,079	14,532	518 I., 8th July 1898.	28,000
Total	..	..	..	29,636	28,000	— 1,636	29,636		
Grand Total	..	..	..	5,98,602	6,99,434	1,00,832	5,98,602		

PEDDINAYUDU TANK OF CHINNARAOPALEM—Tank Project.

No. 2.—Capital Account for and to end of 1917-1918.

Heads of account.	DIRECT CHARGES.			Cost of construction as now estimated.	Expenditure against closed estimate.
	Previous.	1917-1918.	Total.		
I. WORKS—	RS.		RS.	RS.	
(1) <i>Head Works—</i>					
B. Land	8,833	..	8,833	8,833	..
C. Works	38,551	..	38,551	38,551	..
O. Miscellaneous ..	90	..	90	38	..
P. Maintenance ..	226	..	226	292	..
Total	47,700	..	47,700	47,714	..
(2) <i>Main Canals and Branches—</i>					
B. Land	382	..	382	382	..
C. Works	1,211	..	1,211	1,212	..
L. Earthwork	2,020	..	2,020	2,020	..
O. Miscellaneous ..	81	..	81	81	..
Total	3,694	..	3,694	3,695	..
(3) <i>Distributaries—</i>					
B. Land	106	..	106	106	..
C. Works	44	..	44	44	..
L. Earthwork	775	..	775	775	..
O. Miscellaneous ..	..	..	..	..	..
Total	925	..	925	925	..
Provision for unforeseen works ..	..	..	..	6,034	..
Total, Works	52,319	..	52,319	58,368	..
II. ESTABLISHMENT	9,779	..	9,779	9,846	..
III. TOOLS AND PLANT	..	..	..	..	..
(a) Grand Total	62,098	..	62,098	68,234	..

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

ADMINISTRATIVE ACCOUNTS FOR THE YEAR 1917-18.

MADRAS PRESIDENCY.

PEDDINAYUDU TANK OF CHINNARAOPALEM—Tank Project.

No. 3.—Revenue Account for and to end of 1917-1918.

Receipts.	TOTAL.			Charges.	TOTAL.		
	Previous.	1917-1918.	Total.		Previous.	1917-1918.	Total.
I. DIRECT RECEIPTS—	RS.	RS.	RS.	I. EXTENSIONS AND IMPROVEMENTS—	RS.	RS.	RS.
5. Receipts from plantations	1,164	..	1,164	(1) Head works	..	..	..
6. Receipts from other canal produce ..	3,243	..	3,243	(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	..	..	..	Total	304	..	304
11. Miscellaneous	905	..	909	II. MAINTENANCE AND REPAIRS—			
Receipts for which classification is not obtainable ..	..	..	..	(1) Head works	138	..	138
Total revenue realized in the Public Works Department ..	5,316	..	5,316	(2) Main canals and branches ..	729	98	837
Irrigation revenue realized in Civil Department ..	2,046	535	2,581	(3) Distributaries	..	..	..
Total, Direct Receipts	7,362	535	7,897	(4) Drainage and protective works ..	..	..	..
Total, Public Works and Civil Departments, Revenue ..	7,362	535	7,897	Add—Unclassifiable outlay	..	..	..
				Total	877	98	975
				Total, Extensions and Improvements and Maintenance and Repairs ..	1,181	98	1,279
				IV. ESTABLISHMENT	785	21	806
				V. TOOLS AND PLANT	..	..	..
				VI. REFUNDS OF REVENUE	20	..	20
				Total, Direct Charges	1,986	119	2,105
				Share of collection charges in the Civil Department ..	102	27	129
				Indirect charges	109	3	112
				Total, Direct and Indirect Charges ..	2,197	149	2,346
				Balance, net revenue	5,165	386	5,551
Total, Receipts	7,362	535	7,897	Grand Total	7,362	535	7,897

No. 5.—Account of Indirect Charges for and to end of 1917-1918.

Particulars.	Previous.	1917-1918.	Total.
CAPITAL—	RS.	RS.	RS.
Capitalization of abatement of land revenue ..	28	..	28
Leave and pension allowances	1,369	..	1,369
Total	1,397	..	1,397
REVENUE—			
Leave and pension allowances	109	3	112
Total	109	3	112
Grand total	1,506	3	1,509

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.	RS.	RS.	<i>Direct Charges.</i>	RS.
Works	..	..	..	52,319	58,368	6,049	52,319	273 L.	58,368
Establishment ..	..	..	..	9,779	9,863	87	9,779	27th July 1908.	
Tools and plant ..	..	..	..	..	..	..	..		
Suspense account ..	..	..	..	..	..	..	..		
Total	..	..	..	62,098	68,231	6,136	62,098		
<i>Less—Receipts on Capital Account</i>	..	..	..	..	..	..	..		
Net total	..	..	..	62,098	68,231	6,136	62,098		
<i>Indirect Charges.</i>								<i>Indirect Charges.</i>	
Capital abatement of land revenue	..	..	..	28	19,345	19,317	28	273 L.	20,726
Leave and pension allowances	..	..	..	1,369	1,381	12	1,369	27th July 1908.	
Total	..	..	..	1,397	20,726	19,329	1,397		
Grand total	..	..	..	63,495	88,956	25,465	63,495		

JANGAMESHWARAPURAM TANK—Tank Project.

No. 2.—Capital Account for and to end of 1917-1918.

Heads of account.	DIRECT CHARGES.			Cost of construction as now estimated (construction estimate closed on 31st March 1908).	Expenditure against closed estimate.
	Previous.	1917-1918.	Total.		
I. WORKS—	RS.	RS.	RS.	RS.	RS.
(1) <i>Head Works—</i>					
B. Land	13,487	..	13,487	13,487	13,487
C. Works	10,899	..	10,899	10,899	10,899
K. Buildings	..	..	..	..	..
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	12,637	67	12,704	12,704	12,704
O. Miscellaneous	248	..	248	248	248
Total	21,080	67	21,147	21,147	21,147
Provision for unforeseen works	..	..	..	..	..
Total, Works	52,497	67	52,564	52,564	52,564
II. ESTABLISHMENT	8,689	14	8,689	8,689	8,689
III. TOOLS AND PLANT	..	..	..	..	..
Grand total	61,172	81	61,253	61,253	61,253
V. <i>Less—RECEIPTS ON CAPITAL ACCOUNT</i>	..	..	..	..	..
(a) Net total	61,172	81	61,253	61,253	61,253

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

ADMINISTRATIVE ACCOUNTS FOR THE YEAR 1917-18:

MADRAS PRESIDENCY.

JANGAMESHWARAPURAM TANK—Tank Project.

No. 3.—Revenue Account for and to end of 1917-1918.

Receipts.	TOTAL.			Charges.	TOTAL.		
	Previous.	1917-1918.	Total.		Previous.	1917-1918.	Total.
I. DIRECT RECEIPTS—	RS.	RS.	RS.	I. EXTENSIONS AND IMPROVEMENTS—	RS.	RS.	RS.
5. Receipts from plantations	2	..	2	(1) Head works	175	..	175
6. Receipts from other canal produce	1,070	..	1,070	(2) Main canals and branches	26	..	26
11. Miscellaneous	..	..	..	(3) Distributaries	215	..	215
Total, revenue realized in Public Works Department	1,072	..	1,072	(4) Drainage and protective works	..	..	..
Irrigation revenue realized in Civil Department	4,142	1,761	5,903	Total	416	..	416
Total, Direct Receipts	5,214	1,761	6,975	II. MAINTENANCE AND REPAIRS—			
II. INDIRECT RECEIPTS—				(1) Head works	826	61	887
Share of land revenue collected in the Civil Department	..	..	..	(2) Main canals and branches	12	..	12
Total, Public Works and Civil Departments, Revenue	5,214	1,761	6,975	(3) Distributaries	1,065	40	1,105
				(4) Drainage and protective works	467	..	467
				Add—Unclassifiable outlay	..	..	..
				Total	2,370	101	2,471
				Total, Extensions and Improvements and Maintenance and Repairs	2,786	101	2,887
				IV. ESTABLISHMENT	706	22	728
				V. TOOLS AND PLANT	20	..	20
				VI. REFUNDS OF REVENUE	..	..	..
				Total, Direct Charges	3,472	123	3,595
				Share of collection charges in the Civil Department	205	88	293
				Indirect charges	101	3	104
				Total, Direct and Indirect Charges	3,778	214	3,992
				Balance, net revenue	1,436	1,547	2,983
Total, Receipts	5,214	1,761	6,975	Grand Total	5,214	1,761	6,975

No. 5.—Account of Indirect Charges for and to end of 1917-1918.

Particulars.	Previous.	1917-1918.	Total.
CAPITAL—	RS.	RS.	RS.
Capitalization of abatement of land revenue	9,194	..	9,194
Leave and pension allowances	1,215	2	1,217
Total	10,409	2	10,411
REVENUE—			
Leave and pension allowances	101	3	104
Grand Total	10,510	5	10,515

IRRIGATION BRANCH.

PUBLIC WORKS DEPARTMENT.

JANGAMESHWARAPURAM 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.		RS.		RS.
Works	50,980	1,684	52,664	..	..	..	52,664		
Establishment	8,392	337	8,729	..	..	..	8,729		
Tools and plant	..	..	..	..	..	..	..		
Suspense account	..	..	..	..	..	..	..		
Total ..	59,372	1,921	61,293	..	..	..	61,293		
<i>Less—Receipts on Capital account.</i>	..	..	..	..	..	..	..		
Net Total ..	59,372	1,921	61,293	..	..	..	61,293		
<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 ..	69,736	1,968	71,704	..	..	..	71,704		

ATMAKURU TANK—*Tank Project.*

No. 2.—Capital Account for and to end of 1917-1918.

Heads of account.	DIRECT CHARGES.			Cost of construction as now estimated (construction estimate closed on 31st August 1907).	Expenditure against closed estimate.
	Previous.	1917-1918.	Total.		
<i>I. WORKS—</i>	RS.	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."

ADMINISTRATIVE ACCOUNTS FOR THE YEAR 1917-18.

MADRAS PRESIDENCY.

ATMAKURU TANK—*Tank Project.*

No. 3.—Revenue Account for and to end of 1917-1918.

Receipts.	TOTAL.			Charges.	TOTAL.		
	Previous.	1917-1918.	Total.		Previous.	1917-1918.	Total.
<i>I. DIRECT RECEIPTS—</i>	RS.	RS.	RS.	<i>I. EXTENSIONS AND IMPROVEMENTS—</i>	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	..	..	..	Total ..	902	..	902
9. Rents of buildings	..	..	..	<i>II. MAINTENANCE AND REPAIRS—</i>			
10. Fines	..	..	..	(1) Head works	2,302	101	2,703
11. Miscellaneous	5	..	5	(2) Main canals and branches	..	..	..
Total, Revenue realized in the Public Works Department	6	..	6	(3) Distributaries	644	..	644
Irrigation Revenue realized in Civil Department	8,698	2,844	11,542	(4) Drainage and protective works	..	..	..
Total, Direct Receipts ..	8,704	2,844	11,548	Add—Unclassifiable outlay	..	..	..
<i>II. INDIRECT RECEIPTS—</i>				Total ..	3,216	101	3,347
Share of Land Revenue collected in the Civil Department	..	..	..	Total, Extensions and Improvements and Maintenance and Repairs	4,148	101	4,249
Total, Public Works and Civil Departments, Revenue	8,704	2,844	11,548	IV. ESTABLISHMENT	578	21	899
				<i>V. TOOLS AND PLANT</i>	..	..	..
				<i>VI. REFUNDS OF REVENUE</i>	..	..	..
				Total, Direct Charges	5,026	122	5,148
				Share of collection charges in the Civil Department	434	142	576
				Indirect charges	123	3	126
				Total, Direct and Indirect Charges	5,583	267	5,850
				Balance, net revenue	3,121	2,577	5,698
Grand Total ..	8,704	2,844	11,548	Grand Total ..	8,704	2,844	11,548

No. 5.—Account of Indirect Charges for and to end of 1917-1918.

Particulars.	Previous.	1917-1918.	Total.
<i>CAPITAL—</i>			
Capitalization of abatement of land revenue	RS. 10,302	RS. ..	RS. 10,302
Leave and pension allowances	2,626	..	2,626
Total ..	13,428	..	13,428
<i>REVENUE—</i>			
Leave and pension allowances	123	3	126
Grand Total ..	13,551	3	13,554

IRRIGATION BRANCH.

PUBLIC WORKS DEPARTMENT.

ATMAKURU 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.		
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 1917-1918.

Heads of account.	DIRECT CHARGES.			Cost of construction as now estimated (construction estimate closed on 31st March 1903).	Expenditure against closed estimate.
	Previous.	1917-1918.	Total.		
	RS.		RS.	RS.	RS.
I. WORKS—					
(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. Less—RECEIPTS ON CAPITAL ACCOUNT	7	..	7	7	7
(a) Net Total ..	1,24,786	..	1,24,786	1,24,786	1,24,786

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

ADMINISTRATIVE ACCOUNTS FOR THE YEAR 1917-18.

MADRAS PRESIDENCY.

DONDAPAD TANK—Tank Project.

No. 3.—Revenue Account for and to end of 1917-1918.

Receipts.	TOTAL.			Charges.	TOTAL.		
	Previous.	1917-1918.	Total.		Previous.	1917-1918.	Total.
I. DIRECT RECEIPTS—	RS.	RS.	RS.	I. EXTENSIONS AND IMPROVEMENTS—	RS.	RS.	RS.
5. Receipts from plantations ..	165	..	165	(1) Head works ..	73	..	73
6. Receipts from other canal produce ..	629	2	631	(2) Main canals and branches ..	..	..	..
11. Miscellaneous ..	230	..	230	(3) Distributaries ..	11	..	11
				(4) Drainage and productive works ..	..	..	..
Total, Revenue realized in Public Works Department ..	1,024	2	1,026	Total ..	84	..	84
Irrigation Revenue realized in Civil Department ..	12,076	1,990	14,066	II. MAINTENANCE AND REPAIRS—			
Total, Direct Receipts ..	13,100	1,992	15,092	(1) Head works ..	6,803	..	6,803
II. INDIRECT RECEIPTS—				(2) Main canals and branches ..	144	..	144
Share of Land Revenue collected in the Civil Department ..	53	3	56	(3) Distributaries ..	893	403	1,296
				(4) Drainage and productive works ..	..	..	..
Total, Public Works and Civil Departments, Revenue ..	13,153	1,995	15,148	Add—Unclassifiable outlay ..	..	..	..
				Total ..	7,840	403	8,243
				Total, Extensions and Improvements and Maintenance and Repairs ..	7,924	403	8,327
				IV. ESTABLISHMENT	1,900	87	1,987
				V. TOOLS AND PLANT	..	..	..
				VI. REFUNDS OF REVENUE	..	..	..
				Total, Direct Charges ..	9,824	490	10,314
				Share of collection charges in the Civil Department ..	605	100	705
				Indirect charges ..	264	12	276
				Total, Direct and Indirect Charges ..	10,693	602	11,295
Total, Receipts ..	13,153	1,995	15,148	Balance, net revenue ..	2,460	1,893	3,853
				Grand Total ..	13,153	1,995	15,148

No. 5.—Account of Indirect Charges for and to end of 1917-1918.

Particulars.	Previous.	1917-1918.	Total.
CAPITAL—	RS.	RS.	RS.
Capitalization of abatement of land revenue ..	12,566	..	12,566
Leave and pension allowances ..	2,652	..	2,652
Total ..	15,218	..	15,218
REVENUE—			
Leave and pension allowances ..	264	12	276
Grand Total ..	15,482	12	15,494

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.		
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	604	12,666	..	..	..	12,666		
Leave and pension allowances ..	2,382	270	2,652	..	..	..	2,652		
Total ..	14,444	774	15,218	..	..	..	15,218		
Grand Total ..	1,27,975	12,029	1,40,004	..	..	..	1,40,004		

IRRIGATION BRANCH.

PUBLIC WORKS DEPARTMENT.

HAJIPURAM TANK—Tank Project.

No. 2.—Capital Account for and to end of 1917-1918.

Heads of account.	DIRECT CHARGES.			Cost of construction as now estimated. (Construction estimate closed on 31st March 1911.)	Expenditure against closed estimate.
	Previous.	1917-1918.	Total.		
I. WORKS—	RS.	RS.	RS.	RS.	RS.
(1) <i>Head Works—</i>					
B. Land	19,227	..	19,227	19,227	19,227
C. Works	28,750	..	28,750	28,750	28,750
K. Buildings	913	..	913	913	913
L. Earthwork	1,66,992	..	1,66,992	1,66,992	1,66,992
P. Maintenance	3,842	..	3,842	3,842	3,842
O. Miscellaneous	..	..	..	..	..
Total	2,19,724	..	2,19,724	2,19,724	2,19,724
(3) <i>Distributaries—</i>					
B. Land	1,156	..	1,156	1,156	1,156
C. Works	3,869	..	3,869	3,869	3,869
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."

No. 3.—Revenue Account for and to end of 1917-1918.

Receipts.	TOTAL.			Charges.	TOTAL.		
	Previous.	1917-1918.	Total.		Previous.	1917-1918.	Total.
I. DIRECT RECEIPTS—	RS.	RS.	RS.	I. EXTENSIONS AND IMPROVEMENTS—	RS.	RS.	RS.
Receipts from other canal produce	101	..	101	(1) Head works	..	..	..
Miscellaneous	3,294	1,140	4,434	(2) Main canals and branches	..	..	..
Total, Revenue realized in Public Works Department	3,395	1,140	4,535	(3) Distributaries	..	..	..
Irrigation Revenue realized in Civil Department	5,242	4,595	9,837	(4) Drainage and protective works	130	..	130
Total, Direct Receipts	8,637	5,735	14,372	Total	130	..	130
II. INDIRECT RECEIPTS—				II. MAINTENANCE AND REPAIRS—			
Share of Land Revenue collected in the Civil Department	106	15	121	(1) Head works	..	..	..
Total, Public Works and Civil Departments, Revenue	8,743	5,750	14,493	(2) Main canals and branches	83	..	83
Total, Receipts	8,743	5,750	14,493	(3) Distributaries	..	..	..
				(4) Drainage and protective works	..	..	..
				<i>Add—Unclassifiable outlay</i>	..	..	..
				Total	83	..	83
				Total, Extensions and Improvements and Maintenance and Repairs	213	..	213
				IV. ESTABLISHMENT	289	114	403
				V. TOOLS AND PLANT	..	..	..
				VI. REFUNDS OF REVENUE	..	..	..
				Total, Direct Charges	502	114	616
				Share of collection charges in the Civil Department	268	230	498
				Indirect charges	144	16	160
				Total, Direct and Indirect Charges	914	360	1,274
				Balance, net revenue	7,829	5,390	13,219
				Grand Total	8,743	5,750	14,493

ADMINISTRATIVE ACCOUNTS FOR THE YEAR 1917-18.

MADRAS PRESIDENCY.

HAJIPURAM TANK—Tank Project.

No. 5.—Account of Indirect Charges for and to end of 1917-1918.

Particulars.	Previous.	1917-1918.	Total.
CAPITAL—	RS.	RS.	RS.
Capitalization of abatement of land revenue	26,346	..	26,346
Leave and pension allowances	6,763	..	6,763
Total	33,109	..	33,109
REVENUE—			
Capitalization of abatement of land revenue	105	..	105
Leave and pension allowances	39	16	55
Total	144	16	160
Grand Total	33,253	16	33,269

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	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 1917-1918.

Heads of account.	DIRECT CHARGES.			Cost of construction as now estimated (construction estimate closed on 31st March 1911).	Expenditure against closed estimate.
	Previous.	1917-1918.	Total.		
I. WORKS—	RS.		RS.	RS.	RS.
(1) <i>Head Works—</i>					
B. Land	20,407		20,407	20,407	20,407
C. Works	29,642	12,989	42,631	48,942	29,642
K. Buildings	411		411	411	411
L. Earthwork	73,402		73,402	73,402	73,402
O. Miscellaneous	10,211		10,211	10,211	10,211
P. Maintenance	1,052		1,052	1,052	1,052
Total	1,35,125	12,989	1,48,114	1,54,425	1,35,125
(2) <i>Main Canals and Branches—</i>					
A. Preliminary expenses					
B. Land					
E. Falls and weirs					
F. (1) Other cross drainage works					
G. Bridges					
K. Buildings					
L. Earthwork					
O. Miscellaneous					
P. Maintenance					
Total					
(3) <i>Distributaries—</i>					
B. Land	812		812	812	812
C. Works	1,103		1,103	1,988	1,103
L. Earthwork	1,715		1,715	1,715	1,715
O. Miscellaneous	594		594	594	594
P. Maintenance					
Total	4,224		4,224	5,109	4,224
Provision for unforeseen works					
Total, Works	1,39,349	12,989	1,52,338	1,59,534	1,39,349
II. ESTABLISHMENT	27,013	2,790	29,803	31,353	27,013
III. TOOLS AND PLANT					
(a) Grand Total	1,66,362	15,779	1,82,141	1,90,887	1,66,362

(a) Chargeable to "48. Minor Works and Navigation—Provincial."

ADMINISTRATIVE ACCOUNTS FOR THE YEAR 1917-18.

MADRAS PRESIDENCY.

PONNALUR TANK—Tank Project.

No. 3.—Revenue Account for and to end of 1917-1918.

Receipts.	TOTAL.			Charges.	TOTAL.		
	Previous.	1917-1918.	Total.		Previous.	1917-1918.	Total.
I. DIRECT RECEIPTS—	RS.	RS.	RS.	I. EXTENSIONS AND IMPROVEMENTS—	RS.	RS.	RS.
5. Receipts from plantations				(1) Head works			
6. Receipts from other canal produce				(2) Main canals and branches			
11. Miscellaneous	176		176	(3) Distributaries			
Total, Revenue realized in Public Works Department	176		176	(4) Drainage and protective works			
Irrigation revenue realized in Civil Department	24,726	4,759	29,485	Total			
Total, Direct Receipts	24,902	4,759	29,661	II. MAINTENANCE AND REPAIRS—			
II. INDIRECT RECEIPTS—				(1) Head works	29,009	28	29,037
Share of land revenue collected in the Civil Department				(2) Main canals and branches	18,071		18,071
Total, Public Works and Civil Departments, Revenue	24,902	4,759	29,661	(3) Distributaries			
				(4) Drainage and protective works			
				Add—Unclassifiable outlay			
				Total	47,080	28	47,108
				Total, Extensions and Improvements and Maintenance and Repairs	47,080	28	47,108
				IV. ESTABLISHMENT	10,411	6	10,417
				V. TOOLS AND PLANT			
				VI. REFUNDS OF REVENUE			
				Total, Direct Charges	57,491	34	57,525
				Share of collection charges in the Civil Department	1,238	238	1,476
				Indirect charges	1,458	1	1,459
				Total, Direct and Indirect Charges	60,187	273	60,460
				Balance, net revenue	35,285	4,486	30,799
Total, Receipts	24,902	4,759	29,661	Grand Total	24,902	4,759	29,661

No. 5.—Account of Indirect Charges for and to end of 1917-1918.

Particulars.	Previous.	1917-1918.	Total.
CAPITAL—	RS.	RS.	RS.
Capitalization of statement of land revenue	21,230		21,230
Leave and pension allowances	3,781	391	4,172
Total	25,011	391	25,402
REVENUE—			
Leave and pension allowances	1,458	1	1,459
Grand Total	26,469	392	26,861

IRRIGATION BRANCH.

PUBLIC WORKS DEPARTMENT.

PONNALUR 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.	RS.	RS.	RS.		RS.
Works ..	1,39,349	..	1,39,349	12,982	20,185	7,196	1,52,338	450 I., 10th Oct. 1918.	20,185
Establishment ..	27,013	..	27,013	2,790	4,310	1,550	29,803		
Tools and plant ..	..	..	..	..	..	..	..		
Suspense account ..	..	..	..	..	..	..	..		
Total ..	1,66,362	..	1,66,362	15,779	24,525	8,746	1,82,141		
<i>Less—Receipts on Capital Account ..</i>	..	..	..	..	..	..	..		
Net Total ..	1,66,362	..	1,66,362	15,779	24,525	8,746	1,82,141		
<i>Indirect charges.</i>									
Capitalized abatement of land revenue ..	21,230	..	21,230	..	..	..	21,230		
Leave and pension allowances ..	3,781	..	3,781	391	..	-391	4,172		
Total ..	25,011	..	25,011	391	..	-391	25,402		
Grand Total ..	1,91,373	..	1,91,373	16,170	24,525	8,355	2,07,543		

ANAMASAMUDRAM-BERAPERU TANK—Tank Project.

No. 2.—Capital Account for and to end of 1917-1918.

Heads of account.	DIRECT CHARGES.			Cost of construction as now estimated. (Construction estimate closed on 31st March 1910.)	Expenditure against closed estimate
	Previous.	1917-1918.	Total.		
<i>I. WORKS—</i>	RS.	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
II. ESTABLISHMENT ..	13,266	..	13,266	13,266	13,266
III. TOOLS AND PLANT ..	..	..	..	..	..
Grand Total ..	71,687	..	71,687	71,687	71,687
V. <i>Less—RECEIPTS ON CAPITAL ACCOUNT ..</i>	..	..	..	..	..
(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 1917-18.

MADRAS PRESIDENCY.

ANAMASAMUDRAM-BERAPERU TANK—Tank Project.

No. 3.—Revenue Account for and to end of 1917-1918.

Receipts.	TOTAL.			Charges.	TOTAL.		
	Previous.	1917-1918.	Total.		Previous.	1917-1918.	Total.
	RS.	RS.	RS.		RS.	RS.	RS.
<i>DIRECT RECEIPTS—</i>				<i>I. EXTENSIONS AND IMPROVEMENTS—</i>			
6. Receipts from other canal produce ..	..	..	..	(1) Head works ..	..	..	..
9. Rents of buildings ..	..	..	..	(2) Main canals and branches ..	..	..	..
11. Miscellaneous ..	..	32	32	(3) Distributaries ..	..	..	..
				(4) Drainage and protective works ..	..	..	..
Total, Revenue realized in Public Works Department ..	..	32	32	Total ..	..	..	..
Irrigation Revenue realized in Civil Department ..	2,336	1,459	3,825	<i>II. MAINTENANCE AND REPAIRS—</i>			
Total, Direct Receipts ..	2,336	1,521	3,857	(1) Head works ..	..	..	..
<i>II. INDIRECT RECEIPTS—</i>				(2) Main canals and branches ..	2,871	..	2,871
Share of land revenue collected in the Civil Department ..	9	1	10	(3) Distributaries ..	..	..	..
Total, Public Works and Civil Departments, Revenue ..	2,345	1,522	3,867	(4) Drainage and protective works ..	..	..	..
				Add—Unclassifiable outlay ..	..	..	..
				Total ..	2,871	..	2,871
				Total, Extensions and Improvements and Maintenance and Repairs ..	2,871	..	2,871
				<i>IV. ESTABLISHMENT ..</i>	617	3	620
				<i>V. TOOLS AND PLANT ..</i>	..	..	..
				<i>VI. REFUNDS OF REVENUE ..</i>	..	..	..
				Total, Direct Charges ..	3,488	3	3,491
				Share of collection charges in the Civil department ..	118	74	192
				Indirect charges ..	87	..	87
				Total, Direct and Indirect Charges ..	3,693	77	3,770
				<i>Deduct—</i>			
				Old maintenance charges saved to Government ..	..	806	806
				Net total ..	3,693	-729	2,964
				Balance, net revenue ..	-1,348	2,261	903
Total, Receipts ..	2,345	1,522	3,867	Grand Total ..	2,345	1,522	3,867

<i>Direct—</i>	RS.
Extensions and improvements ..	4 28
Maintenance and Repairs ..	612
Establishment ..	138
Tools and Plant ..	9
Total ..	787
<i>Indirect ..</i>	19
	806

No. 5.—Account of Indirect Charges for and to end of 1917-1918.

Particulars	Previous.	1917-1918.	Total.
<i>CAPITAL—</i>	RS.	RS.	RS.
Capitalization of abatement of land revenue ..	30	..	30
Leave and pension allowances ..	1,856	..	1,856
Total ..	1,886	..	1,886
<i>REVENUE—</i>			
Leave and pension allowances ..	87	..	87
Grand Total ..	1,973	..	1,973

IRRIGATION BRANCH.

PUBLIC WORKS DEPARTMENT.

ANAMASAMUDRAM-BERAPERU 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.	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>Less—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 1917-1918.

Heads of account.	DIRECT CHARGES.			Cost of construction as now estimated. (Construction estimate closed on 31st March 1907.)	Expenditure against closed estimate.
	Previous.	1917-1918.	Total.		
	RS.	RS.	RS.	RS.	RS.
I. WORKS—					
(1) <i>Head Works—</i>					
B. Land ..	..	..	..	..	..
C. Works ..	..	..	..	..	..
K. Buildings ..	..	..	..	..	..
L. Earthwork ..	..	..	..	..	..
O. Miscellaneous ..	..	..	..	..	..
Total ..	50,219	..	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	50,219
II. ESTABLISHMENT ..	11,522	..	11,522	11,522	11,522
III. TOOLS AND PLANT ..	..	..	..	..	..
Grand Total ..	61,741	..	61,741	61,741	61,741
V. <i>Less—RECEIPTS ON CAPITAL ACCOUNT ..</i>	..	..	..	..	..
(a) Net Total ..	61,741	..	61,741	61,741	61,741

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

ADMINISTRATIVE ACCOUNTS FOR THE YEAR 1917-18.

MADRAS PRESIDENCY.

YERUR TANK—*Tank Project.*

No. 3.—Revenue Account for and to end of 1917-1918.

Receipts.	TOTAL.			Charges.	Total.		
	Previous.	1917-18.	Total.		Previous.	1917-18.	Total.
	RS.	RS.	RS.		RS.	RS.	RS.
I. DIRECT RECEIPTS—				I. EXTENSIONS AND IMPROVEMENTS—			
6. Receipts from other canal produce ..	..	..	..	(1) Head works ..	..	..	..
9. Rents of buildings ..	..	..	..	(2) Main canals and branches ..	..	..	..
11. Miscellaneous ..	..	..	..	(3) Distributaries ..	..	..	..
				(4) Drainage and protective works ..	..	..	..
Total, Revenue realized in Public Works Department ..	..	..	..	Total ..	..	..	..
Irrigation Revenue realized in Civil Department ..	14,747	3,094	17,841	II. MAINTENANCE AND REPAIRS—			
				(1) Head works ..	2,640	..	2,640
Total, Direct Receipts ..	14,747	3,094	17,841	(2) Main canals and branches ..	..	..	..
				(3) Distributaries ..	..	..	..
II. INDIRECT RECEIPTS—				(4) Drainage and protective works ..	..	..	..
Share of Land Revenue collected in the Civil Department ..	233	64	297	Add—Unclassifiable outlay ..	..	..	..
				Total ..	2,640	..	2,640
Total, Public Works and Civil Departments, Revenue ..	14,980	3,158	18,138	Total, Extensions and Improvements and Maintenance and Repairs ..	2,640	..	2,640
				IV. ESTABLISHMENT ..	567	..	567
				V. TOOLS AND PLANT ..	..	..	..
				VI. REFUNDS OF REVENUE ..	..	..	..
				Total, Direct Charges ..	3,207	..	3,207
				Share of collection charges in the Civil department ..	756	168	924
				Indirect charges ..	80	..	80
				Total, Direct and Indirect Charges ..	4,043	168	4,211
Total, Receipts ..	14,980	3,158	18,138	Balance, net revenue ..	10,943	3,000	13,943
				Grand Total ..	14,980	3,158	18,138

No. 5.—Account of Indirect Charges for and to end of 1917-1918.

Particulars.	Previous.	1917-1918.	Total.
CAPITAL—			
Leave and pension allowances ..	RS. 1,612	..	RS. 1,612
Total ..	1,612	..	1,612
REVENUE—			
Leave and pension allowances ..	80	..	80
Grand Total ..	1,692	..	1,692

IRRIGATION BRANCH.

PUBLIC WORKS DEPARTMENT.

YERUR 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	43,303	1,916	50,219	..	..	..	50,219		
Establishment ..	17,110	412	17,522	..	..	..	17,522		
Tools and plant ..	..	..	..	..	..	..	..		
Expense account ..	..	..	..	..	..	..	..		
Total ..	59,413	2,328	61,741	..	..	..	61,741		
Less—Receipts on capital account ..	..	..	..	..	..	..	..		
Net Total ..	59,413	2,328	61,741	..	..	..	61,741		
<i>Indirect Charges</i>									
Capitalized abatement of land revenue ..	..	..	..	..	..	..	..		
Leave and pension allowances ..	1,555	57	1,612	..	..	..	1,612		
Total ..	1,555	57	1,612	..	..	..	1,612		
Grand Total ..	60,968	2,385	63,353	..	..	..	63,353		

VAMULA TANK—Tank Project.

No. 2.—Capital Account for and to end of 1917-1918.

Heads of account.	DIRECT CHARGES.			Cost of construction as now estimated (construction estimate closed on 31st March 1905).	Expenditure against closed estimate.
	Previous.	1917-1918.	Total.		
<i>I. WORKS—</i>	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	89	..	89	89	89
C. Works	1,317	..	1,317	1,317	1,317
L. Earthwork ..	..	..	..	..	..
O. Miscellaneous ..	..	..	..	..	..
Total ..	1,406	..	1,406	1,406	1,406
Provision for unforeseen works ..	..	..	..	..	..
Total, Works ..	50,961	..	50,961	50,961	50,961
II. ESTABLISHMENT ..	11,225	..	11,225	11,225	11,225
III. TOOLS AND PLANT ..	..	..	..	..	..
Grand Total ..	62,186	..	62,186	62,186	62,186
V. Less—RECEIPTS ON CAPITAL ACCOUNT ..	..	..	..	..	..
(a) Net Total ..	62,186	..	62,186	62,186	62,186

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

ADMINISTRATIVE ACCOUNTS FOR THE YEAR 1917-18.

MADRAS PRESIDENCY.

VAMULA TANK—Tank Project.

No. 3.—Revenue Account for and to end of 1917-1918.

Receipts.	TOTAL.			Charges.	TOTAL.		
	Previous.	1917-1918.	Total.		Previous.	1917-1918.	Total.
<i>DIRECT RECEIPTS—</i>				<i>I. EXTENSIONS AND IMPROVEMENTS—</i>	RS.		RS.
6. Receipts from other canal produce ..	..	..	..	(1) Head works	..	..	..
9. Rents of buildings ..	..	..	..	(2) Main canals and branches ..	306	..	306
11. Miscellaneous ..	..	..	..	(3) Distributaries ..	148	..	148
				(4) Drainage and protective works ..	..	..	..
Total, Revenue realized in Public Works Department ..	..	..	..	Total ..	454	..	454
Irrigation Revenue realized in Civil Department ..	..	..	..	<i>II. MAINTENANCE AND REPAIRS—</i>			
Total, Direct Receipts ..	..	..	..	(1) Head works	..	..	..
<i>II. INDIRECT RECEIPTS—</i>				(2) Main canals and branches ..	..	..	..
Share of Land Revenue collected in the Civil Department ..	..	..	..	(3) Distributaries ..	..	..	..
Total, Public Works and Civil Departments, Revenue ..	..	..	..	(4) Drainage and protective works ..	..	..	..
				Add—Unclassifiable outlay ..	..	..	..
				Total ..	..	..	..
				Total, Extensions and Improvements and Maintenance and Repairs ..	454	..	454
				IV. ESTABLISHMENT	34	..	34
				V. TOOLS AND PLANT	..	..	..
				VI. REFUNDS OF REVENUE ..	..	..	..
				Total, Direct Charges ..	488	..	488
				Share of collection charges in the Civil Department ..	..	..	..
				Indirect Charges ..	5	..	5
				Total, Direct and Indirect Charges ..	493	..	493
				Balance, net revenue ..	493	..	493
Total, Receipts ..	..	..	..	Grand Total ..	..	..	..

No. 5.—Account of Indirect Charges for and to end of 1917-1918.

Particulars.	Previous.	1917-1918.	Total.
<i>CAPITAL—</i>	RS.		RS.
Leave and pension allowances	1,571	..	1,571
Total ..	1,571	..	1,571
<i>REVENUE—</i>			
Leave and pension allowances	5	..	5
Total ..	5	..	5
Grand Total ..	1,576	..	1,576

IRRIGATION BRANCH.

PUBLIC WORKS DEPARTMENT.

VAMULA 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.		
Works	50,961	..	50,961	..	..	..	50,961		
Establishment	11,225	..	11,225	..	..	..	11,225		
Tools and plant	..	..	..	..	..	..	..		
Suspense account	..	..	..	..	..	..	..		
Total ..	62,186	..	62,186	..	..	..	62,186		
Less—Receipts on Capital Account	..	..	..	..	..	..	..		
Net Total ..	62,186	..	62,186	..	..	..	62,186		
<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 1917-1918.

Heads of account.	DIRECT CHARGES.			Cost of construction as now estimated (construction estimate closed on 31st March 1907).	Expenditure against closed estimate.
	Previous.	1917-1918.	Total.		
<i>I. WORKS—</i>	RS.		RS.	RS.	RS.
(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 ..	..	..	..	..	..
Provision for unforeseen works	..	..	..	..	..
Total, Works ..	3,54,321	..	3,54,321	3,54,321	3,54,321
II. ESTABLISHMENT	80,339	..	80,339	80,339	80,339
III. TOOLS AND PLANT	12,449	..	12,449	12,449	12,449
Grand Total ..	4,47,109	..	4,47,109	4,47,109	4,47,109
V. Less—RECEIPTS ON CAPITAL ACCOUNT ..	1	..	1	1	1
(a) Net Total ..	4,47,108	..	4,47,108	4,47,108	4,47,108

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

ADMINISTRATIVE ACCOUNTS FOR THE YEAR 1917-18.

MADRAS PRESIDENCY.

SAGILERU SYSTEM—Canal Project.

No. 3.—Revenue Account for and to end of 1917-1918.

Receipts.	TOTAL.			Charges.	TOTAL.		
	Previous.	1917-1918.	Total.		Previous.	1917-1918.	Total.
<i>I. DIRECT RECEIPTS—</i>	RS.	RS.	RS.	<i>I. EXTENSIONS AND IMPROVEMENTS—</i>	RS.	RS.	RS.
5. Receipts from plantations	26	17	43	(1) Head works	108	..	108
6. Receipts from other canal produce ..	45	..	45	(2) Main canals and branches ..	6,780	..	6,780
9. Rents of buildings ..	293	22	315	(3) Distributaries	688	..	688
11. Miscellaneous and other receipts ..	112	5	117	(4) Drainage and protective works ..	..	..	..
Total, Revenue realized in Public Works Department ..	476	44	520	Total ..	7,576	..	7,576
Irrigation Revenue realized in Civil Department ..	71,371	7,158	78,529	<i>II. MAINTENANCE AND REPAIRS—</i>			
Total, Direct Receipts ..	71,847	7,202	79,049	(1) Head works	2	..	2
<i>II. INDIRECT RECEIPTS—</i>				(2) Main canals and branches ..	47,271	1,465	48,736
Share of Land Revenue collected in the Civil Department ..	164	4	168	(3) Distributaries	2,720	468	3,188
Total, Public Works and Civil Departments, Revenue ..	72,011	7,206	79,217	(4) Drainage and protective works ..	..	..	..
				Add—Unclassifiable outlay	..	..	..
				Total ..	49,993	1,953	51,946
				Total, Extensions and Improvements and Maintenance and Repairs ..	57,569	1,953	59,522
				IV. ESTABLISHMENT	12,393	407	12,800
				V. TOOLS AND PLANT	182	..	182
				VI. REFUNDS OF REVENUE	..	..	..
				Total, Direct Charges ..	70,144	2,360	72,504
				Share of collection charges in the Civil department	3,576	358	3,934
				Indirect charges	1,733	57	1,790
				Total, Direct and Indirect Charges ..	75,453	2,775	78,228
				Deduct old maintenance charges saved to Government ..	* 2,754	2,754	5,508
				Total ..	72,699	21	72,720
				Balance, net revenue	— 688	7,186	6,497
Total, Receipts ..	72,011	7,206	79,217	Grand Total ..	72,011	7,206	79,217

• Direct—	RS.
Extensions and Improvements	500
Maintenance and Repairs	1,685
Establishment	470
Tools and plant	33
Total ..	2,688
Indirect	56
Total ..	2,744

No. 5.—Account of Indirect Charges for and to end of 1917-1918.

Particulars.	Previous.	1917-1918.	Total.
<i>CAPITAL—</i>	RS.	RS.	RS.
Capitalization of abatement of land revenue	6,372	..	6,372
Leave and pension allowances	11,247	..	11,247
Total ..	17,619	..	17,619
<i>REVENUE—</i>			
Leave and pension allowances	1,733	57	1,790
Grand Total ..	19,352	57	19,409

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 1917-1918.

Heads of account.	DIRECT CHARGES.			Cost of construction as now estimated (construction estimate closed on 31st March 1907).	Expenditure against closed estimate.
	Previous.	1917-1918.	Total.		
<i>I. WORKS—</i>	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 ..	5,910	..	5,910	5,910	5,910
L. Earthwork ..	..	..	..	..	..
O. Miscellaneous ..	..	..	..	..	..
Total ..	5,910	..	5,910	5,910	5,910
Provision for unforeseen works ..	..	..	..	..	..
Total Works ..	54,348	..	54,348	54,348	54,348
II. ESTABLISHMENT ..	11,204	..	11,204	11,204	11,204
III. TOOLS AND PLANT ..	731	..	731	731	731
Grand Total ..	66,283	..	66,283	66,283	66,283
V. <i>Less—RECEIPTS ON CAPITAL ACCOUNT</i> ..	..	..	..	..	..
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	..	..

ADMINISTRATIVE ACCOUNTS FOR THE YEAR 1917-18.

MADRAS PRESIDENCY.

TALAPULA VANKA TANK—Tank Project.

No. 5.—Account of Indirect Charges for and to end of 1917-1918.

Particulars.	Previous.	1917-1918.	Total.
<i>CAPITAL—</i>	RS.		RS.
Capitalization of abatement of land revenue ..	972	..	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		
<i>Less—Receipts on Capital Account</i> ..	..	..	..	..	..	..	..		
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 1917-1918.

Heads of account.	DIRECT CHARGES.			Cost of construction as now estimated (construction estimate closed on 31st March 1896).	Expenditure against closed estimate.
	Previous.	1917-1918.	Total.		
<i>I. WORKS—</i>	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
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. <i>Less—RECEIPTS ON CAPITAL ACCOUNT</i> ..	..	..	..	..	..
(a) Net Total ..	83,985	..	83,985	83,985	83,985

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

CUMBUM TANK—*Tank Project.*

No. 3.—Revenue Accounts for and to end of 1917-1918.

Receipts.	TOTAL.			Charges.	TOTAL.		
	Previous.	1917-1918.	Total.		Previous.	1917-1918.	Total.
I. DIRECT RECEIPTS—	RS.	RS.	RS.	I. EXTENSIONS AND IMPROVEMENTS—	RS.	RS.	RS.
6. Other canal produce.	111	..	111	(1) Head works	319	..	319
Total, Revenue realized in Public Works Department ..	111	..	111	(2) Main canals and branches	1,661	..	1,661
Irrigation Revenue realized in Civil Department ..	2,32,202	23,556	2,55,758	(3) Distributaries	3,796	20	3,816
Total, Direct Receipts.	2,32,313	23,556	2,55,869	(4) Drainage and protective works ..	..	..	..
II. INDIRECT RECEIPTS—				Add—Unclassifiable outlay	7,186	..	7,186
Share of Land Revenue collected in the Civil Department ..	19,096	461	19,557	Total ..	12,962	20	12,982
Total, Public Works and Civil Departments, Revenue ..	2,51,409	24,017	2,75,426	II. MAINTENANCE AND REPAIRS—			
				(1) Head works	519	..	519
				(2) Main canals and branches	94	..	22,541
				(3) Distributaries	14,611	1,407	16,018
				(4) Drainage and protective works ..	1,047	..	1,047
				Add—Unclassifiable outlay	24,128	..	24,128
				Total ..	62,233	2,020	64,253
				Total, Extensions and Improvements and Maintenance and Repairs.	75,135	2,040	77,235
				IV. ESTABLISHMENT	16,961	439	17,400
				V. TOOLS AND PLANT	646	..	646
				VI. REFUNDS OF REVENUE	..	..	..
				Total, Direct Charges ..	92,801	2,479	95,280
				Share of collection charges in the Civil department	12,534	1,201	13,765
				Indirect charges	5,139	61	5,200
				Total, Direct and Indirect Charges.	1,10,504	3,741	1,14,245
				(a) Deduct—Old maintenance charges saved to Government	17,152	999	18,151
				Net Total ..	93,352	2,742	96,094
				Balance, net revenue	1,58,057	21,275	1,79,332
Total, Receipts ..	2,51,409	24,017	2,75,426	Grand Total ..	2,51,409	24,017	2,75,426

										Rs.
(a) Extensions and Improvements	..	..	..	..	..	..	..	..	..	975
Maintenance and Repairs	..	..	..	..	..	..	..	..	..	793
Establishment	..	..	..	..	..	..	..	..	..	170
Tools and plant	..	..	..	..	..	..	..	..	..	12
Total, Direct charges										975
Indirect charges	..	..	..	..	..	..	..	..	..	24
Grand Total										999

No. 5.—Account of Indirect Charges for and to end of 1917-1918.

Particulars.	Previous.	1917-1918.	Total.
CAPITAL—			
Capitalization of abatement of Land Revenue	Rs. 206	Rs.	Rs. 206
Leave and pension allowances	2,182	..	2,182
Total ..	2,388	..	2,388
REVENUE—			
Capitalization of abatement of Land Revenue	2,764	..	2,764
Leave and pension allowances	2,375	61	2,436
Total ..	5,139	61	5,200
Grand Total ..	7,527	61	7,588

ADMINISTRATIVE ACCOUNTS FOR THE YEAR 1917-18.

MADRAS PRESIDENCY.

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. ..	..	..	83,985	..	..	..	..		
Net Total ..	45,809	38,176	83,985	..	..	..	83,985		
<i>Indirect Charges.</i>									
Capitalized abatement of land revenue. ..	..	206	206	..	..	..	206		
Leave and pension allowances ..	1,232	950	2,182	..	..	..	2,182		
Total ..	1,232	1,156	2,388	..	..	..	2,388		
Grand Total ..	47,041	39,332	86,373	..	..	..	86,373		

MARKAPUR TANK PROJECT—*Tank Project.*

No. 2.—Capital Account for and to end of 1917-1918.

Heads of account.	DIRECT CHARGES.			Cost of construction as now estimated. Construction estimate closed on 31st March 1911.	Expenditure against closed estimate.
	Previous.	1917-1918.	Total.		
I. WORKS—	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	8,949	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	54,152	54,152
Provision for unforeseen works ..	..	..	..	..	..
Total, Works ..	95,492	..	95,492	95,492	95,492
II. ESTABLISHMENT	21,165	..	21,165	21,165	21,165
III. TOOLS AND PLANT	..	..	..	..	..
Grand Total ..	1,16,657	..	1,16,657	1,16,657	1,16,657
V. Less—RECEIPTS ON CAPITAL ACCOUNT ..	..	..	..	..	..
Net Total ..	1,16,657	..	1,16,657	1,16,657	1,16,657

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

MARKAPUR TANK PROJECT—*Tank Project.*
No. 3.—Revenue Account for and to end of 1917-1918.

Receipts.	TOTAL.			Charges.	TOTAL.		
	Previous.	1917-1918.	Total.		Previous.	1917-1918.	Total.
I. DIRECT RECEIPTS—				I. EXTENSIONS AND IMPROVEMENTS—			
5. Receipts from plantations ..				(1) Head works ..	609		609
6. Receipts from other canal produce ..	41		41	(2) Main canals and branches ..	476		476
11. Miscellaneous ..	21	12	33	(3) Distributaries ..			
Total, Revenue realized in Public Works Department ..	62	12	74	(4) Drainage and protective works ..			
Irrigation Revenue realized in Civil Department ..	29,031	5,427	34,458	Total ..	1,085		1,085
Total, Direct Receipts ..	29,093	5,439	34,532	II. MAINTENANCE AND REPAIRS—			
II. INDIRECT RECEIPTS—				(1) Head works ..	4,402	399	4,801
Share of Land Revenue collected in the Civil Department ..	5	1	6	(2) Main canals and branches ..	3,712	2,654	6,366
Total, Public Works and Civil Departments, Revenue ..	29,098	5,440	34,538	(3) Distributaries ..			
				(4) Drainage and protective works ..			
				Add—Unclassifiable outlay ..			
				Total ..	8,114	3,053	11,167
				Total, Extensions and Improvements and Maintenance and Repairs ..	9,199	3,053	12,252
				IV. ESTABLISHMENT ..	2,018	657	2,675
				V. TOOLS AND PLANT ..			
				VI. REFUNDS OF REVENUE ..			
				Total, Direct Charges ..	11,217	3,710	14,927
				Share of collection charges in the Civil Department ..	1,450	271	1,721
				Indirect Charges ..	282	92	374
				Total, Direct and Indirect Charges ..	12,949	4,073	17,022
				Deduct—Old maintenance charges saved to Government * ..	305	305	610
				Net revenue ..	12,644	3,768	16,412
				Balance, net revenue ..	16,464	1,672	18,136
Total, Receipts ..	29,098	5,440	34,538	Grand Total ..	29,098	5,440	34,538

* Direct—								RS.
Extensions and improvements ..								29
Maintenance and repairs ..								213
Establishment ..								52
Tools and plant ..								4
Indirect ..								298
								7
								305

No. 5.—Account of Indirect Charges for and to end of 1917-1918.

Particulars.	Previous.	1917-1918.	Total.
CAPITAL—			
Capitalization of abatement of land revenue ..	1,038		1,038
Leave and pension allowances ..	2,963		2,963
Total ..	4,001		4,001
REVENUE—			
Leave and pension allowances ..	282	92	374
Total ..	282	92	374
Grand Total ..	4,283	92	4,375

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.
Direct Charges.									
Works ..	94,107	1,385	95,492				95,492		
Establishment ..	20,846	319	21,165				21,165		
Tools and plant ..									
Suspense account ..									
Total ..	1,14,953	1,704	1,16,657				1,16,657		
Less—Receipts on Capital account ..									
Net Total ..	1,14,953	1,704	1,16,657				1,16,657		
Indirect Charges.									
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				1,20,658		

YELLANUR TANK PROJECT—*Tank Project.*
No. 2.—Capital Account for and to end of 1917-1918.

Heads of account.	DIRECT CHARGES.			Cost of construction as now estimated.	Expenditure against closed estimate.
	Previous.	1917-1918.	Total.		
I. WORKS—					
(1) Head Works—					
B. Land ..	13,756		13,756	13,755	
C. Works ..	16,516	267	16,783	16,778	
L. Earthwork ..	1,36,800	283	1,37,083	1,40,145	
O. Miscellaneous ..	12,219		12,219	12,710	
Total ..	1,73,391	16	1,73,407	1,85,388	
(3) Distributaries—					
B. Land ..				895	
C. Works ..	950	2,807	3,757	2,601	
L. Earthwork ..				2,014	
O. Miscellaneous ..					
Total ..	950	2,807	3,757	5,310	
Provision for unforeseen works ..					
Total Works ..	1,79,341	2,823	1,82,164	1,90,698	
II. ESTABLISHMENT ..	34,695	516	35,211	37,893	
III. TOOLS AND PLANT ..	6,994		6,994	7,120	
Grand Total ..	2,21,030	3,339	2,24,369	2,35,711	
V. LESS—RECEIPTS ON CAPITAL ACCOUNT ..					
Net Total * ..	2,21,030	3,339	2,24,369	2,35,711	

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

IRRIGATION BRANCH.

PUBLIC WORKS DEPARTMENT.

YELLANUR TANK PROJECT—*Tank Project.*

No. 5.—Account of Indirect Charges for and to end of 1917-1918.

Particulars.	Previous.	1917-1918.	Total.
CAPITAL—			
Capitalization of abatement of land revenue	Rs. 24,753	Rs. ..	Rs. 24,753
Leave and pension allowances	4,858	72	4,930
Total ..	29,611	72	29,683
Grand total ..	29,611	72	29,683

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.	<i>Direct.</i>	Rs.
Works	..	..	..	1,82,164	1,90,698	8,534	1,82,164	25 L., 16th Jan. 1918.	1,90,698
Establishment	..	..	..	35,211	37,893	2,682	35,211		
Tools and plant	..	..	..	6,994	7,120	126	6,994		
Suspense account	..	..	..	..	..	..	..		
Total ..	..	..	..	2,24,369	2,35,711	11,342	2,24,369		
<i>Less—Receipts on Capital account</i>	..	..	..	..	..	..	..		
Net Total ..	..	..	..	2,24,369	2,35,711	11,342	2,24,369		
<i>Indirect Charges.</i>								<i>Indirect.</i>	
Capitalized abatement of land revenue	..	..	..	24,753	24,784	31	24,753	25 L., 16th Jan. 1918.	30,089
Leave and pension allowances	..	..	..	4,930	5,305	375	4,930		
Total ..	..	..	..	29,683	30,089	406	29,683		
Grand Total ..	..	..	..	2,54,052	2,65,800	11,748	2,54,052		

KOCHERUVU TANK PROJECT—*Tank Project.*

No. 2.—Capital Account for and to end of 1917-1918.

Heads of account.	DIRECT CHARGES.			Cost of construction as now estimated.	Expenditure against closed estimate.
	Previous.	1917-1918.	Total.		
I. WORKS—	Rs.	Rs.	Rs.	Rs.	
(1) <i>Head Works—</i>					
B. Land	9,714	..	9,714	9,714	..
C. Works	18,187	21,099	39,286	39,580	..
K. Buildings	1,239	..	1,239	..	..
L. Earthwork	42,147	..	42,147	43,400	..
O. Miscellaneous	16	..	16	1,326	..
P. Maintenance	..	2,181	2,181	..	..
Total ..	71,303	23,280	94,583	94,020	..
(2) <i>Main Canals and Branches—</i>					
B. Land	..	..	..	350	..
C. Works	21,026	21,026	..	..	..
D. Regulators	1,831	..	1,831	2,695	..
L. Earthwork	1,346	..	1,346	3,700	..
O. Miscellaneous	15	..	15	30	..
Total ..	24,218	21,026	3,192	6,775	..
Provision for unforeseen works	..	..	..	100	..
Total, Works ..	95,521	2,254	97,775	1,00,895	..
II. ESTABLISHMENT	19,280	471	19,751	20,891	..
III. TOOLS AND PLANT	1,008	..	1,008	1,014	..
Grand Total ..	1,15,809	2,725	1,18,534	1,22,800	..
V. <i>Less—Receipts on Capital account ..</i>	4	..	4	..	..
Net Total ..	1,15,805	2,725	1,18,530	1,22,800	..

* Chargesable to "48. Minor Works and Navigation—Provincial."

ADMINISTRATIVE ACCOUNTS FOR THE YEAR 1917-18.

MADRAS PRESIDENCY.

KOCHERUVU TANK PROJECT—*Tank Project.**

No. 5.—Account of Indirect Charges for and to end of 1917-1918.

Particulars.	Previous.	1917-1918.	Total.
CAPITAL—	Rs.	Rs.	Rs.
Capitalization of abatement of land revenue ...	7,850	..	7,850
Leave and pension allowances	2,699	66	2,765
Total ..	10,549	66	10,615

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.	<i>Direct Charges.</i>	Rs.
Works	..	..	..	97,775	1,00,895	3,120	97,775	183 L., 25th March 1918.	1,00,895
Establishment	..	..	..	19,751	20,891	1,140	19,751		
Tools and plant	..	..	..	1,008	1,014	6	1,008		
Suspense account	..	..	..	..	..	..	..		
Total ..	..	..	..	1,18,534	1,22,800	4,266	1,18,534		
<i>Less—Receipts on Capital Account ..</i>	..	..	..	4	..	— 4	4		
Net Total ..	..	..	..	1,18,530	1,22,800	4,270	1,18,530		
<i>Indirect Charges.</i>								<i>Indirect Charges.</i>	
Capitalized abatement of land revenue ...	..	..	..	7,850	5,770	— 2,080	7,850	183 L., 25th March 1918.	8,700
Leave and pension allowances	..	..	..	2,765	2,930	165	2,765		
Total ..	..	..	..	10,615	8,700	— 1,915	10,615		
Grand Total ..	..	..	..	1,29,145	1,31,500	2,355	1,29,145		

IRRIGATION BRANCH.

PUBLIC WORKS DEPARTMENT.

SIDDAPUR TANK PROJECT—Tank Project.

No. 2.—Capital Account for and to end of 1917-1918.

Head of account.	DIRECT CHARGES.			Cost of construction as now estimated.	Expenditure against closed estimate.
	Previous.	1917-1918.	Total.		
I. WORKS—	Rs.	Rs.	Rs.	Rs.	
(1) <i>Head Works—</i>					
A. Preliminary expenses (old outlay) * ...	5,000	...	5,000	5,000	...
C. Works ...	24,560	287	24,847	24,970	...
K. Buildings ...	6,577	540	7,117	8,000	...
L. Earthwork ...	4,25,212	81,836	5,07,048	5,24,100	...
O. Miscellaneous ...	...	...	...	...	...
Total ...	4,61,349	82,663	5,44,012	5,62,070	...
(2) <i>Main Canals and Branches—</i>					
B. Land ...	...	...	...	700	...
D. Regulators ...	158	158	...	2,380	...
E. Falls and Weirs ...	...	10,718	10,718	6,900	...
L. Earthwork ...	772	772	...	9,800	...
O. Miscellaneous ...	...	...	...	10,400	...
Total ...	930	9,788	10,718	30,180	...
(3) <i>Distributaries—</i>					
B. Land ...	...	...	...	500	...
C. Works ...	...	...	...	1,130	...
L. Earthwork ...	324	324	...	5,520	...
O. Miscellaneous ...	...	...	...	600	...
Total ...	324	324	...	7,750	...
Provision for unforeseen works ...	...	...	...	...	...
Total works ...	4,62,603	92,127	5,54,730	6,00,000	...
II. ESTABLISHMENT ...	99,135	19,745	1,18,880	1,36,574	...
III. TOOLS AND PLANT ...	2,25,268	52,458	1,72,810	1,51,506	...
Total ...	7,87,006	59,414	8,46,420	8,88,080	...
V. <i>Less—RECEIPTS ON CAPITAL ACCOUNT</i> ...	88	129	217	...	...
Net Total ...	7,86,918	59,285	8,46,203	8,88,080	...
Chargeable to 35. Protective Irrigation Works ...	5,000	...	5,000	...	...
Chargeable to 43. Minor Works and Navigation—Provincial ...	7,81,918	59,285	8,41,203	...	...
	7,86,918	59,285	8,46,203	...	...

* Represents expenditure incurred on preliminary investigation, etc.

ADMINISTRATIVE ACCOUNTS FOR THE YEAR 1917-18.

MADRAS PRESIDENCY.

SIDDAPUR TANK PROJECT—Tank Project.

No. 5.—Account of Indirect Charges for and to end of 1917-1918.

Particulars.	Previous.	1917-1918.	Total.
CAPITAL—	Rs.	Rs.	Rs.
Capitalization of abatement of land revenue ...	13,878	2,764	16,642
Leave and pension allowances ...	...	...	...
Total ...	13,878	2,764	16,642
REVENUE—			
Capitalization of abatement of land revenue ...	...	...	...
Leave and pension allowances ...	...	...	...
Total ...	...	...	...
Grand Total ...	13,878	2,764	16,642

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.		Rs.
Works ...	...	...	...	5,54,730	6,00,000	45,270	5,54,730		
Establishment ...	...	...	...	1,18,880	1,36,574	17,694	1,18,880		
Tools and plant.	...	...	...	1,72,810	1,51,506	21,304	1,72,810	222 L., 11th June 1912.	6,00,000
Suspense account.	...	...	...	...	...	...	...		
Total ...	...	...	...	8,46,420	8,88,080	41,660	8,46,420		
<i>Less—Receipts on capital account.</i>	...	...	...	217	...	217	217	222 L., 11th June 1912.	26,620
Net Total ...	...	...	...	8,46,203	8,88,080	41,877	8,46,203		
<i>Indirect Charges.</i>									
Capitalized abatement of land revenue ...	...	...	...	...	7,500	7,500	...		
Leave and pension allowances ...	...	...	...	16,642	19,120	2,478	16,642		
Total ...	...	...	...	16,642	26,620	9,978	16,642		
Grand Total ...	...	...	...	8,62,845	9,14,700	51,855	8,62,845		

IRRIGATION BRANCH.

PUBLIC WORKS DEPARTMENT.

NAGAVARAM ANICUT AND SUPPLY CHANNEL—*Tank Project.*

No. 2.—Capital Account for and to end of 1917-1918.

Heads of account.	DIRECT CHARGES.			Cost of construction as now estimated.	Expenditure against closed estimate.
	Previous.	1917-1918.	Total.		
I. WORKS—	Rs.	Rs.	Rs.	Rs.	
(1) <i>Head Works—</i>					
B. Land	...	...	...	...	...
C. Works	67,685	...	67,685	67,740	...
K. Buildings	...	...	...	...	...
L. Earthwork	...	...	...	...	...
O. Miscellaneous	...	...	...	...	...
P. Maintenance	...	...	...	...	...
Total	67,685	...	67,685	67,740	...
(2) <i>Main Canals and Branches—</i>					
A. Preliminary expenses	...	...	...	...	...
B. Land	445	...	445	400	...
E. Falls and weirs	33	...	33	...	...
F. (1) Other cross drainage works	13,183	...	13,183	8,130	...
G. Bridges	1,261	...	1,261	4,546	...
K. Buildings	1,983	...	1,983	1,920	...
L. Earthwork	4,167	...	4,167	4,275	...
O. Miscellaneous	...	...	...	995	...
P. Maintenance	...	...	...	...	...
Total	21,072	...	21,072	20,260	...
(3) <i>Distributaries—</i>					
B. Land	...	...	...	...	...
C. Works	...	...	...	...	...
L. Earthwork	...	...	...	...	...
O. Miscellaneous	...	...	...	...	...
P. Maintenance	...	...	...	...	...
Total	...	...	...	...	...
Provision for unforeseen works	...	...	...	...	...
Total, Works	88,757	...	88,757	88,000	...
II. ESTABLISHMENT	18,538	...	18,538	15,610	...
III. TOOLS AND PLANT	...	...	...	...	...
* Grand Total	1,07,295	...	1,07,295	1,03,610	...

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

(a) Excess over estimate is less than 5 per cent. Government sanction to the excess is awaited.

ADMINISTRATIVE ACCOUNTS FOR THE YEAR 1917-18.

MADRAS PRESIDENCY.

NAGAVARAM ANICUT AND SUPPLY CHANNEL—*Tank Project.*

No. 5.—Account of Indirect Charges for and to end of 1917-1918.

Particulars.	Previous.	1917-1918.	Total.
	Rs.	Rs.	Rs.
CAPITAL—			
Capitalization of abatement of land revenue	2,595	...	2,595
Leave and pension allowances	...	...	...
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.	Rs.		Rs.
Works	...	...	...	88,757	88,000	757	88,757	Direct Charges	
Establishment	...	...	...	18,538	15,610	2,928	18,538	300 I., 12th June 1915.	88,000
Tools and plant	...	...	...	...	...	...	...		
Suspense account	...	...	...	...	...	...	...		
Total	...	...	...	1,07,295	1,03,610	3,685	1,07,295		
Less—Receipts on Capital Account	...	...	...	...	...	...	...		
Net Total	...	...	...	1,07,295	1,03,610	3,685	1,07,295		
<i>Indirect charges.</i>									
Capitalized abatement of land revenue	...	...	...	...	...	...	...	Indirect Charges.	
Leave and pension allowances	...	...	...	2,595	2,185	410	2,595	300 I., 12th June 1915.	2,185
Total	...	...	...	2,595	2,185	410	2,595		
Grand Total	...	...	...	1,09,890	1,05,795	4,095	1,09,890		

ARANKOTA CHANNEL—*Canal Project.*

No. 2.—Capital Account for and to end of 1917-1918.

Heads of account.	DIRECT CHARGES.			Cost of construction as now estimated (construction estimate closed on 31st March 1894).	Expenditure against closed estimate.
	Previous.	1917-1918.	Total.		
I. WORKS—	Rs.	Rs.	Rs.	Rs.	Rs.
(1) <i>Head Works—</i>					
C. Works	8,281	...	8,281	13,981	8,281
Total	8,281	...	8,281	13,981	8,281
(2) <i>Main Canals and Branches—</i>					
D. Regulators	14,621	...	14,621	14,621	14,621
F. (1) Other cross drainage works	75,732	...	75,732	75,732	75,732
L. Earthwork	15,871	...	15,871	15,871	15,871
Total	1,06,224	...	1,06,224	1,06,224	1,06,224
Total, Works	1,14,505	...	1,14,505	1,20,205	1,14,505
II. ESTABLISHMENT	26,264	...	26,264	26,801	26,264
III. TOOLS AND PLANT	...	...	...	...	...
* Grand Total	1,40,769	...	1,40,769	1,47,006	1,40,769

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

IRRIGATION BRANCH.

PUBLIC WORKS DEPARTMENT.

ARREKOTA CHANNEL—Canal Project.

No. 3.—Revenue Account for and to end of 1917-1918.

Receipts.	TOTAL.			Charges.	TOTAL.		
	Previous.	1917-1918.	Total.		Previous.	1917-1918.	Total.
I. DIRECT RECEIPTS—	RS.	RS.	RS.	I. EXTENSIONS AND IMPROVEMENTS—	RS.	RS.	RS.
Plantations ..	433	..	433	(1) Head works ..	164	..	164
Receipts from other ..	693	..	693	(2) Main canals and branches ..	7,915	201	8,116
canal produce ..	1	..	1	(3) Distributaries ..	882	..	882
Fines ..	1,658	223	1,881	(4) Drainage and protective works ..	..	..	..
Miscellaneous ..	..	..	..	Add—Unclassifiable outlay ..	11,475	..	11,475
Total, Revenue realized in Public Works Department ..	2,785	223	3,008	Total ..	20,436	201	20,637
Irrigation Revenue realized in Civil Department ..	5,15,998	19,675	5,35,673	II. MAINTENANCE AND REPAIRS—	..	..	..
Total, Direct Receipts ..	5,18,783	19,898	5,38,681	(1) Head works ..	297	..	297
II. INDIRECT RECEIPTS—	..	..	..	(2) Main canals and branches ..	79,944	5,008	84,952
Share of Land Revenue collected in the Civil Department ..	17,767	410	18,177	(3) Distributaries ..	2,514	..	2,514
Total, Public Works and Civil Departments, Revenue ..	5,36,550	20,308	5,56,858	(4) Drainage and protective works ..	..	..	..
Total, Receipts ..	5,36,550	20,308	5,56,858	Add—Unclassifiable outlay ..	1,73,223	..	1,73,223
				Total ..	2,55,978	5,008	2,60,986
				Total, Extensions and Improvements and Maintenance and Repairs ..	2,76,414	5,209	2,81,623
				IV. ESTABLISHMENT ..	63,130	1,142	64,272
				V. TOOLS AND PLANT ..	1	..	1
				VI. REFUNDS OF REVENUE ..	28	15	43
				Total, Direct Charges ..	3,39,573	6,366	3,45,939
				Share of collection charges in the Civil department ..	26,690	1,004	27,694
				Indirect charges ..	8,832	160	8,992
				Total, Direct and Indirect Charges ..	3,75,095	7,530	3,82,625
				Deduct—Old maintenance charge saved to Government ..	5,640	1,125	6,765
				Net Total ..	3,69,455	6,405	3,75,860
				Balance, net revenue ..	1,67,095	13,903	1,80,998
				Grand Total ..	5,36,550	20,308	5,56,858

Direct—	RS.
Extensions and improvements ..	793
Maintenance and repairs ..	100
Establishment ..	192
Tools and plant ..	13
	1,098
Indirect ..	27
	1,125

No. 5.—Account of Indirect Charges for and to end of 1917-1918.

Particulars.	Previous.	1917-1918.	Total.
CAPITAL—	RS.	RS.	RS.
Leave and pension allowances ..	3,676	..	3,676
Total ..	3,676	..	3,676
REVENUE—	..	..	..
Leave and pension allowances ..	8,832	160	8,992
Total ..	8,832	160	8,992
Grand Total ..	12,508	160	12,668

ADMINISTRATIVE ACCOUNTS FOR THE YEAR 1917-18.

MADRAS PRESIDENCY.

ARREKOTA CHANNEL—Canal Project.

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

Particulars.	CHARGES AGAINST CLOSED SANCTIONS.			CURRENT SANCTIONS.			Total charges to date against old and current sanctions.	REMARKS.	
	Expenditure against construction estimate.	Expenditure against open canal sanction.	Total.	Charges to date.	Amount of sanctioned estimate.	Unspent balance of estimate.		G.O. No. and date.	Amount of estimate.
Direct Charges.	RS.	RS.	RS.	..	RS.	RS.	RS.	..	RS.
Works ..	81,578	32,927	1,14,505	..	5,700	5,700	1,14,505	166 L., 18th Apr. 1916.	5,700
Establishment ..	18,760	7,504	26,264	..	537	537	26,264		
Tools and plant ..	..	..	..	..	..	..	..		
Suspense account ..	..	..	..	..	..	..	..		
Total ..	1,00,338	40,431	1,40,769	..	6,237	6,237	1,40,769		
Less—Receipts on capital account ..	..	..	..	..	..	..	..		
Net Total ..	1,00,338	40,431	1,40,769	..	6,237	6,237	1,40,769		
Indirect Charges.	..	..	..	..	..	..	..		
Capitalized abatement of land revenue ..	..	..	..	..	..	..	..		
Leave and pension allowances ..	2,626	1,050	3,676	..	..	..	3,676		
Total ..	2,626	1,050	3,676	..	..	..	3,676		
Grand Total ..	1,02,964	41,481	1,44,445	..	6,237	6,237	1,44,445		

THADAPALLE CHANNEL—Canal Project.

No. 2.—Capital Account for and to end of 1917-1918.

Heads of account.	DIRECT CHARGES.			Cost of construction as now estimated (construction estimate closed in 1892).	Expenditure against closed estimate.
	Previous.	1917-1918.	Total.		
I. WORKS—	RS.	RS.	RS.	RS.	RS.
(1) Head Works—	..	..	..	..	..
C. Works ..	73,406	..	73,406	78,506	73,406
Total ..	73,406	..	73,406	78,506	73,406
(2) Main Canals and Branches—	..	..	..	..	..
B. Land ..	1,880	..	1,880	1,880	1,880
D. Regulators ..	36,546	..	36,546	36,546	36,546
F. (1) Other cross drainage works ..	1,096	..	1,096	1,096	1,096
K. Buildings ..	1,442	..	1,442	1,442	1,442
L. Earthwork ..	1,384	..	1,384	1,384	1,384
O. Miscellaneous ..	1,836	..	1,836	1,836	1,836
Total ..	44,184	..	44,184	44,184	44,184
(3) Distributaries—	..	..	..	..	..
B. Land ..	..	..	..	..	..
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	1,40,320	1,35,220
II. ESTABLISHMENT ..	29,535	..	29,535	30,060	29,535
III. TOOLS AND PLANT ..	..	..	..	..	..
(a) Grand Total ..	1,64,755	..	1,64,755	1,70,380	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 1917-1918.

Receipts.	TOTAL.			Charges.	TOTAL.		
	Previous.	1917-1918.	Total.		Previous.	1917-1918.	Total.
I. DIRECT RECEIPTS—	RS.	RS.	RS.	I. EXTENSIONS AND IMPROVEMENTS—	RS.	RS.	RS.
5. Receipts from plantations ..	2,664	..	2,664	(1) Head works ..	4,527	..	4,527
6. Receipt from other canal produce ..	4,826	..	4,826	(2) Main canals and branches ..	25,599	329	25,928
9. Rents of buildings ..	536	63	599	(3) Distributaries ..	8,128	71	8,199
11. Miscellaneous ..	12,364	757	13,121	(4) Drainage and protective works ..	7,726	..	7,726
				Add—Unclassified outlay ..	..	..	..
				Total ..	45,980	400	46,380
Total, Revenue realized in Public Works Department ..	20,290	820	21,110	II. MAINTENANCE AND REPAIRS—			
Irrigation Revenue realized in Civil Department ..	15,38,432	57,885	15,96,317	(1) Head works ..	14,857	984	15,841
				(2) Main canals and branches ..	1,61,953	9,039	1,71,002
				(3) Distributaries ..	8,627	..	8,627
				(4) Drainage and protective works ..	1,99,673	..	1,99,673
				Add—Unclassifiable outlay ..	..	..	..
				Total ..	3,85,120	10,023	3,95,143
Total, Direct Receipts ..	15,58,722	58,705	16,17,427	Total, Extensions and Improvements and Maintenance and Repairs ..	4,31,160	10,423	4,41,523
II. INDIRECT RECEIPTS—				IV. ESTABLISHMENT ..	98,035	2,303	1,00,338
Share of Land Revenue collected in the Civil Department ..	1,41,582	2,900	1,44,482	V. TOOLS AND PLANT ..	620	..	620
				VI. REFUNDS OF REVENUE ..	17	4	21
				Total, Direct Charges ..	5,29,772	12,730	5,42,502
Total, Public Works and Civil Departments, Revenue ..	17,00,304	61,605	17,61,909	Share of collection charges in the Civil department ..	84,000	3,039	87,039
				Indirect charges ..	13,680	322	14,002
				Total, Direct and Indirect Charges ..	6,27,452	16,091	6,43,543
				Deduct—Old maintenance charges saved to Government ..	22,548	4,497	27,045
				Net Total ..	6,04,904	11,594	6,16,498
				Balance, net revenue ..	10,95,400	50,011	11,45,411
Total, Receipts ..	17,00,304	61,605	17,61,909	Grand Total ..	17,00,304	61,605	17,61,909

* Direct—	RS.
Extensions and improvements ..	3,569
Maintenance and charges ..	767
Establishment ..	54
Tools and plant ..	4,390
Indirect ..	107
	4,497

No. 5.—Account of Indirect Charges for and to end of 1917-1918.

Particulars.	Previous.	1917-1918.	Total.
CAPITAL—	RS.	RS.	RS.
Capitalization of abatement of Land Revenue ..	6,915	..	6,915
Leave and pension allowances ..	4,135	..	4,135
Total ..	11,050	..	11,050
REVENUE—			
Leave and pension allowances ..	13,680	322	14,002
Total ..	13,680	322	14,002
Grand Total ..	24,730	322	25,052

ADMINISTRATIVE ACCOUNTS FOR THE YEAR 1917-18.

MADRAS PRESIDENCY.

THADAPALLE CHANNEL—Canal Project.

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

Particulars.	CHARGES AGAINST CLOSED SANCTIONS.			CURRENT SANCTIONS.			Total charges to date against old and current sanctions.	REMARKS.	
	Expenditure against construction estimate.	Expenditure against open canal sanction.	Total.	Charges to date.	Amount of sanctioned estimate.	Unspent balance of estimate.		G.O. No. and date.	Amount of estimate.
Direct Charges.	RS.	RS.	RS.	RS.	RS.	RS.	RS.		RS.
Works ..	70,897	64,323	1,35,220	..	5,100	5,100	1,35,220	72 L. 18th Feb. 1916.	5,100
Establishment ..	16,306	13,229	29,535	..	525	525	29,535		
Tools and plant ..	..	..	..	..	..	..	..		
Suspense account ..	..	..	..	..	..	..	..		
Total ..	87,203	77,552	1,64,755	..	5,625	5,625	1,64,755		
Less—Receipts on capital account ..	..	..	..	..	..	..	..		
Net Total ..	87,203	77,552	1,64,755	..	5,625	5,625	1,64,755		
Indirect Charges.									
Capitalized abatement of Land Revenue ..	..	6,915	6,915	..	..	..	6,915		
Leave and pension allowances ..	2,283	1,852	4,135	..	..	..	4,135		
Total ..	2,283	8,767	11,050	..	..	..	11,050		
Grand Total ..	89,486	86,319	1,75,805	..	5,625	5,625	1,75,805		

KALINGAROYEN CHANNEL—Canal Project.

No. 2.—Capital Account for and to end of 1917-1918.

Heads of account.	DIRECT CHARGES.			Cost of construction as now estimated (construction estimate closed in 1893).	Expenditure against closed estimate.
	Previous.	1917-1918.	Total.		
I. WORKS—	RS.	RS.	RS.	RS.	RS.
(1) Head Works—					
B. Land ..	..	..	..	..	..
C. Works ..	46,690	..	46,690	46,690	46,690
K. Building ..	1,162	..	1,162	1,162	1,162
Total ..	47,852	..	47,852	47,852	47,852
(2) Main Canals and Branches—					
D. Regulators ..	67,543	..	67,543	67,543	67,543
F. River and hill torrent works ..	8,557	..	8,557	8,557	8,557
G. Bridges ..	897	..	897	897	897
L. Earthwork ..	3,981	..	3,981	3,981	3,981
O. Miscellaneous ..	14,959	..	14,959	14,959	14,959
Total ..	95,937	..	95,937	95,937	95,937
Total, Works ..	1,43,789	..	1,43,789	1,43,789	1,43,789
II. ESTABLISHMENT ..	32,191	..	32,191	32,191	32,191
III. TOOLS AND PLANT ..	..	..	..	..	..
* Grand Total ..	1,75,980	..	1,75,980	1,75,980	1,75,980

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

KALINGAROYEN CHANNEL—Canal Project.

No. 3.—Revenue Account for and to end of 1917-1918.

Receipts.	TOTAL.			Charges.	TOTAL.		
	Previous.	1917-1918.	Total.		Previous.	1917-1918.	Total.
I. DIRECT RECEIPTS—				I. EXTENSIONS AND IMPROVEMENTS—			
5. Receipts from plantations ..	3,290	..	3,290	(1) Head works ..	656	489	1,145
6. Receipts from other canal produce ..	10,737	..	10,737	(2) Main canals and branches ..	14,607	2,070	16,677
9. Rents of buildings ..	441	23	464	(3) Distributaries ..	280	..	280
11. Miscellaneous ..	11,539	5,788	17,327	(4) Drainage and protective works ..	11,569	..	11,569
				Add—Unclassifiable outlay ..	..	..	..
Total, Revenue realized in Public Works Department ..	26,007	5,811	31,818	Total ..	27,112	2,559	29,671
Irrigation revenue realized in Civil Department ..	10,80,122	42,432	10,72,554	II. MAINTENANCE AND REPAIRS—			
Total, Direct Receipts ..	10,56,129	48,243	11,04,372	(1) Head works ..	57,203	2,612	59,815
II. INDIRECT RECEIPTS—				(2) Main canals and branches ..	1,52,244	7,303	1,59,547
Share of land revenue collected in the Civil Department ..	19,375	483	19,858	(3) Distributaries ..	..	..	..
Total, Public Works and Civil Departments, Revenue ..	10,75,504	48,726	11,24,230	(4) Drainage and protective works ..	3,53,846	..	3,53,846
				Add—Unclassifiable outlay ..	..	..	..
				Total ..	5,63,293	9,915	5,73,208
				Total, Extensions and Improvements and Maintenance and Repairs ..	5,90,405	12,474	6,02,879
				IV. ESTABLISHMENT ..	1,35,042	3,248	1,39,290
				V. TOOLS AND PLANT ..	639	..	639
				VI. REFUNDS OF REVENUE ..	237	..	237
				Total, Direct Charges ..	7,27,273	15,732	7,43,005
				Share of collection charges in the Civil Department ..	52,475	2,146	54,621
				Indirect charges ..	19,013	455	19,468
				Total, Direct and Indirect Charges ..	7,98,861	18,333	8,17,194
				Deduct—Old maintenance charges saved to Government (a) ..	25,220	5,030	30,250
				Net Total ..	7,73,641	13,303	7,86,944
				Balance, net revenue ..	3,01,853	36,433	3,38,286
Total, Receipts ..	10,75,504	48,726	11,24,230	Grand Total ..	10,75,504	48,726	11,24,230

(a) Direct—									
Extensions and improvements ..	..	..	..	..	..	..	..	..	Rs. 3,992
Maintenance and repairs ..	..	..	..	..	..	..	..	..	..
Establishment ..	..	..	..	..	..	..	..	..	858
Tools and plant ..	..	..	..	..	..	..	..	..	60
									4,910
Indirect ..	..	..	..	..	..	..	..	..	120
									5,030

KALINGAROYEN CHANNEL—Canal Project.

No. 5.—Account of Indirect Charges for and to end of 1917-1918.

Particulars.	Previous.	1917-1918.	Total.
CAPITAL—	Rs.	Rs.	Rs.
Leave and pension allowances ...	4,506	...	4,506
Total ...	4,506	...	4,506
REVENUE—			
Leave and pension allowances ..	19,013	455	19,468
Total ...	19,013	455	19,468
Grand Total ...	23,519	455	23,974

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

Particulars.	CHARGES AGAINST CLOSED SANCTIONS.			CURRENT SANCTIONS.			Total charges to date against old and current sanctions.	REMARKS.	
	Expenditure against construction estimate.	Expenditure against open canal sanction.	Total.	Charges to date.	Amount of sanctioned estimate.	Unspent balance of estimate.		G.O. No. and date.	Amount of estimate.
	Rs.	Rs.	Rs.		Rs.	Rs.	Rs.		Rs.
Direct Charges.									
Works ...	43,775	1,00,014	1,43,789	...	2,800	2,800	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	...	2,800	2,800	1,75,980		
Less—Receipts on Capital account.	...	...	...	...	...	...	...		
Net Total ...	53,843	1,22,137	1,75,980	...	2,800	2,800	1,75,980	80 L, 23rd Feb. 1917.	2,800
Indirect Charges.									
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	...	2,800	2,800	1,80,486		

IRRIGATION BRANCH.

PUBLIC WORKS DEPARTMENT.

KANNIAMPALIAM ANICUT—Tank Project.

No. 2.—Capital Account for and to end of 1917-1918.

Heads of account.	DIRECT CHARGES.			Cost of construction as now estimated.	Expenditure against closed estimate.
	Previous.	1917-1918.	Total.		
I. WORKS—	Rs.	Rs.	Rs.	Rs.	
(1) <i>Head Works—</i>					
A. Preliminary expenses ...	1,627	...	1,627	1,700	...
B. Land ...	...	...	...	...	...
C. Works ...	16,955	12,635	29,590	51,000	...
K. Buildings ...	1,500	...	1,500	1,000	...
L. Earthwork ...	...	...	...	...	...
O. Miscellaneous ...	...	...	...	...	...
Total ...	20,082	12,635	32,717	53,700	...
(2) <i>Main Canals and Branches—</i>					
A. Preliminary expenses ...	...	...	...	...	...
B. Land ...	...	...	...	...	...
C. Works ...	...	...	...	500	...
D. Regulators ...	...	...	...	...	...
F. Rivers and Hill Torrents.	...	...	...	...	...
F. (1) Other cross drainage works ...	143	3,638	3,781	15,800	...
G. Bridges ...	...	...	...	...	...
K. Buildings ...	...	...	...	...	...
L. Earthwork ...	3,171	...	3,171	7,700	...
O. Miscellaneous ...	...	...	...	...	...
P. Maintenance ...	...	...	...	...	...
Total ...	3,314	3,638	6,952	24,000	...
(3) <i>Distributaries—</i>					
B. Land ...	...	...	...	...	...
C. Works ...	...	...	...	...	...
L. Earthwork ...	...	...	...	...	...
O. Miscellaneous ...	...	...	...	...	...
P. Maintenance ...	...	...	...	...	...
Total ...	...	...	...	...	...
Provision for unforeseen works ...	...	...	...	...	...
Total Works ...	23,396	16,273	39,669	77,700	...
II. ESTABLISHMENT ...	5,014	3,390	8,404	16,705	...
III. TOOLS AND PLANT ...	...	...	...	...	...
Grand Total ...	28,410	19,663	48,073	94,405	...
V. Less receipts on capital account ...	...	...	...	...	...
(a) Net Total ...	28,410	19,663	48,073	94,405	...

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

ADMINISTRATIVE ACCOUNTS FOR THE YEAR 1917-18.

MADRAS PRESIDENCY.

KANNIAMPALIAM ANICUT—Tank Project.

No. 5.—Account of Indirect Charges for and to end of 1917-1918.

Particulars.	Previous.	1917-1918.	Total.
CAPITAL—	Rs.	Rs.	Rs.
Capitalization of abatement of Land Revenue	...	...	...
Leave and pension allowances ...	702	475	1,177
Total ...	702	475	1,177
REVENUE—			
Capitalization of abatement of Land Revenue	...	...	...
Leave and pension allowances ...	...	...	...
Total ...	...	...	...
Grand Total ...	702	475	1,177

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> 128 I., 17th March 1916.	Rs.
Works ...	...	...	...	39,669	77,700	38,031	39,669		
Establishment ...	...	...	...	8,404	16,705	8,301	8,404		
Tools and plant ...	...	...	...	...	...	...	...		
Suspense account.	...	...	...	...	...	...	...		
Total ...	...	...	...	48,073	94,405	46,332	48,073		
Less—Receipts on capital account.	...	...	...	...	...	...	...		
Net Total ...	...	...	...	48,073	94,405	46,332	48,073		
<i>Indirect Charges.</i>								<i>Indirect Charges.</i> 128 I., 17th March 1916.	
Capitalized abatement of Land Revenue.	...	...	...	...	...	...	...		
Leave and pension allowances.	...	...	...	1,177	2,339	1,162	1,177		2,339
Total ...	...	...	...	1,177	2,339	1,162	1,177		
Grand Total ...	...	...	...	49,250	96,744	47,494	49,250		

IRRIGATION BRANCH.

PUBLIC WORKS DEPARTMENT.

PALAR ANICUT SYSTEM—Canal Project.

No. 2.—Capital Account for and to end of 1917-1918.

Heads of account.	DIRECT CHARGES.			Cost of construction as now estimated (construction estimate closed on 31st March 1890).	Expenditure against closed estimate.
	Previous.	1917-1918.	Total.		
WORKS—	Rs.	Rs.	Rs.	Rs.	Rs.
(1) <i>Head Works—</i>					
C. Works	2,08,736	...	2,08,736	2,08,736	2,08,736
K. Buildings	1,847	...	1,847	1,847	1,847
Total	2,10,583	...	2,10,583	2,10,583	2,10,583
(2) <i>Main Canals and Branches—</i>					
B. Land	7,263	...	7,263	7,263	7,263
D. Regulators	27,393	116	27,509	27,668	26,568
E. Falls and weirs	1,04,085	...	1,04,085	1,04,279	1,04,279
F. River and Hill Torrent Works	547	...	547	547	547
F. (1) Other cross drainage works	2,366	...	2,366	2,697	2,697
G. Bridges	11,552	...	11,552	13,352	11,552
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	29,951	2,384	32,335	32,335	32,335
O. Miscellaneous	40,752	...	40,752	40,752	40,752
Total	4,27,559	2,500	4,30,059	4,32,543	4,29,643
(3) <i>Distributaries—</i>					
B. Land	7,776	...	7,776	7,776	7,776
C. Works	79,389	...	79,389	78,006	78,006
D. Regulators	724	...	724	1,914	1,914
E. Falls and weirs	3,257	...	3,257	3,257	3,257
F. (1) Other cross drainage works	2,506	...	2,506	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	1,63,568	...	1,63,568	1,63,043	1,63,043
Provision for unforeseen works	...	...	...	...	...
Total outlay on current sanctions	8,01,710	2,500	8,04,210	8,06,169	8,03,269
Old outlay	10,26,978	...	10,26,978	10,26,978	10,26,978
Total Works	18,28,688	2,500	18,31,188	18,33,147	18,30,247
II. ESTABLISHMENT	4,64,560	537	4,65,097	4,65,470	4,64,896
III. TOOLS AND PLANT	29,875	...	29,875	29,875	29,875
Grand Total	23,23,123	3,037	23,26,160	23,28,492	23,25,018
V. Less—RECEIPTS ON CAPITAL ACCOUNT	...	...	...	...	...
* Net Total	23,23,123	3,037	23,26,160	23,28,492	23,25,018

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

ADMINISTRATIVE ACCOUNTS FOR THE YEAR 1917-18.

MADRAS PRESIDENCY.

PALAR ANICUT SYSTEM—Canal Project.

No. 3.—Revenue Account for and to end of 1917-1918.

Receipts.	TOTAL.			Charges.	TOTAL.		
	Previous.	1917-1918.	Total.		Previous.	1917-1918.	Total.
I. DIRECT RECEIPTS—	RS.	RS.	RS.	I. EXTENSIONS AND IMPROVEMENTS—	RS.	RS.	RS.
5. Receipts from plantations	5,805	1,029	6,834	(1) Head works	2,06,089	4,779	2,10,868
6. Receipts from other canal produce	40,582	2,141	42,723	(2) Main canals and branches	1,63,146	461	1,63,607
9. Rents of buildings	1,729	79	1,808	(3) Distributaries	1,90,135	6,310	1,96,445
10. Fines	64	...	64	(4) Drainage and protective works	340	...	340
11. Miscellaneous	28,015	184	28,199	Add—Unclassifiable outlay	32,342	...	32,342
Total, Revenue realized in Public Works Department	76,195	3,433	79,628	Total	5,92,052	11,550	6,03,602
Irrigation Revenue realized in Civil Department	54,49,207	2,16,136	56,65,343	II. MAINTENANCE AND REPAIRS—			
Total, Direct Receipts	55,25,402	2,19,569	57,44,971	(1) Head works	1,22,052	3,463	1,25,515
II. INDIRECT RECEIPTS—				(2) Main canals and branches	9,59,468	7,791	9,67,259
Share of land revenue collected in the Civil Department	8,63,113	16,733	8,79,846	(3) Distributaries	9,79,051	41,981	7,21,032
Total, Public Works and Civil Departments, Revenue	63,88,515	2,36,302	66,24,817	(4) Drainage and protective works	5,742	...	5,742
				Add—Unclassifiable outlay	99,655	...	99,655
				Total	18,65,968	53,235	19,19,203
				Total, Extensions and Improvements and Maintenance and Repairs	24,58,020	64,785	25,22,805
				IV. ESTABLISHMENT	6,24,404	14,151	6,38,555
				V. TOOLS AND PLANT	14,757	20	14,777
				VI. REFUNDS OF REVENUE	10,346	...	10,346
				Total, Direct Charges	31,07,527	78,956	31,86,483
				Share of collection charges in the Civil Department	3,49,114	11,597	3,60,711
				Indirect charges	1,04,045	1,981	1,06,026
				Total, Direct and Indirect Charges	35,60,686	92,534	36,53,220
				Deduct—Old maintenance charges saved to Government	2,55,962	3,848	2,59,810
				Net Total	33,04,724	88,686	33,93,410
				Balance, net revenue	30,83,791	1,47,616	32,31,407
Total, Receipts	63,88,515	2,36,302	66,24,817	Grand Total	63,88,515	2,36,302	66,24,817

* Extensions and Improvements	..	..	..	..	..	..	..	RS.
Maintenance and Repairs	..	..	..	..	..	..	..	178
Establishment	..	..	..	..	..	..	..	2,909
Tools and Plant	..	..	..	..	..	..	..	664
	..	..	..	..	..	..	..	4
Indirect Charges	..	..	..	..	..	..	..	3,755
	..	..	..	..	..	..	..	93
	..	..	..	..	..	..	..	3,948
	..	..	..	..	..	..	..	45

PALAR ANICUT SYSTEM—Canal Project.

No. 5.—Accounts of Indirect Charges for and to end of 1917-1918.

Particulars.	Previous.	1917-1918.	Total.
	Rs.	Rs.	Rs.
CAPITAL—			
Capitalization of abatement of land revenue	25,558	...	25,558
Leave and pension allowances	91,147	75	91,222
Total ...	1,16,705	75	1,16,780
REVENUE—			
Capitalization of abatement of land revenue	2,554	...	2,554
Leave and pension allowances	1,01,491	1,981	1,03,472
Total ...	1,04,045	1,981	1,06,026
Grand Total ...	2,20,750	2,056	2,22,806

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

Particulars.	CHARGES AGAINST CLOSED SANCTIONS.			CURRENT SANCTIONS.			Total charges to date against old and current sanctions.	REMARKS.	
	Expenditure against construction estimate.	Expenditure against open canal sanction.	Total.	Charges to date.	Amount of sanctioned estimate.	Unspent balance of estimate.		G.O. No. and date.	Amount of estimate.
	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.		Rs.
Direct Charges.									
Works	15,22,878	3,07,369	18,30,247	941	2,900	1,959	18,31,188		
Establishment	3,99,070	65,826	4,64,896	201	574	373	4,65,097		
Tools and plant	29,875	...	29,875	...	...	...	29,875	325 I., 27th July 1918.	1,100
Suspense account	...	...	...	...	...	...	...		
Total ...	19,51,823	3,73,195	23,25,018	1,142	3,474	2,332	23,26,160	Mis. 45 I., 28th January 1918.	1,800
Less—Receipts on Capital Account...	...	...	...	...	...	...	...		
Net Total ...	19,51,823	3,73,195	23,25,018	1,142	3,474	2,332	23,26,160		
Indirect Charges.									
Capitalized abatement of land revenue	23,054	2,504	25,558	...	...	...	25,558		
Leave and pension allowances	81,976	9,218	91,194	28	...	— 28	91,222		
Total ...	1,05,030	11,722	1,16,752	28	...	— 28	1,16,780		
Grand Total ...	20,56,853	3,84,917	24,41,770	1,170	3,474	2,304	24,42,940	Total ..	2,900

VALLURU ANICUT SYSTEM—Canal Project.
No. 2.—Capital Account for and to end of 1917-1918.

Heads of account.	DIRECT CHARGES.			Cost of construction as now estimated (construction estimate closed on 31st March 1893).	Expenditure against estimate.
	Previous.	1917-1918.	Total.		
	Rs.	Rs.	Rs.	Rs.	Rs.
I. WORKS—					
(1) Head Works—					
C. Works	50,550	4,324	54,874	59,914	50,550
Total ...	50,550	4,324	54,874	59,914	50,550
(3) Distributaries—					
C. Works	1,147	...	1,147	1,147	1,147
Total ...	1,147	...	1,147	1,147	1,147
Total, Works ...	51,697	4,324	56,021	61,061	51,697
II. ESTABLISHMENT	11,821	911	12,802	13,474	11,891
III. TOOLS AND PLANT	...	...	...	...	...
Grand Total ...	53,538	5,235	58,823	74,535	63,588
V. Less—RECEIPTS ON CAPITAL ACCOUNT	...	...	...	...	...
(a) Net Total ...	53,538	5,235	58,823	74,535	63,588

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

No. 3.—Revenue Account for and to end of 1917-1918.

Receipts.	TOTAL.			Charges.	TOTAL.		
	Previous.	1917-1918.	Total.		Previous.	1917-1918.	Total.
	Rs.	Rs.	Rs.		Rs.	Rs.	Rs.
I. DIRECT RECEIPTS—				I. EXTENSIONS AND IMPROVEMENTS—			
5. Receipts from plantations	666	57	723	(1) Head works	1,566	2,036	3,602
6. Receipts from other canal produce	563	5	568	(2) Main canals and branches	5	...	5
9. Rents of buildings	80	14	94	(3) Distributaries	...	...	...
11. Miscellaneous	108	38	146	(4) Drainage and protective works	4,817	...	4,817
Total, Revenue realized in Public Works Department	1,417	114	1,531	Total ...	6,388	2,036	8,424
Irrigation Revenue realized in Civil Department	1,13,694	2,234	1,15,928	II. MAINTENANCE AND REPAIRS—			
Total, Direct Receipts ...	1,15,111	2,348	1,17,459	(1) Head works	19,429	549	20,278
II. INDIRECT RECEIPTS—				(2) Main canals and branches	1,394	...	1,394
Share of land revenue collected in the Civil Department	41,043	1,074	42,117	(3) Distributaries	...	...	...
Total, Public Works and Civil Departments, Revenue	1,56,154	3,422	1,59,576	(4) Drainage and protective works	17,552	...	17,552
				Add—Unclassifiable outlay	38,405	849	39,254
				Total, Extensions and Improvements and Maintenance and Repairs	44,793	2,885	47,678
				IV. ESTABLISHMENT...	10,217	597	10,814
				V. TOOLS AND PLANT	205	...	205
				VI. REFUND OF REVENUE	...	...	...
				Total, Direct Charges	55,215	3,482	58,697
				Share of collection charges in the Civil Department	7,739	165	7,904
				Indirect charges	1,427	84	1,511
				Total, Direct and Indirect Charges	64,381	3,731	68,112
				Deduct—Old maintenance charges saved to Government (a)	28,183	1,641	29,824
				Net Total ...	36,198	2,090	38,288
				Balance, net revenue	1,19,956	1,332	1,21,288
Total, Receipts ...	1,56,154	3,422	1,59,576	Grand Total ...	1,56,154	3,422	1,59,576

(a) Extensions and Improvements	Rs.
Maintenance and repairs	246
Establishment	1,077
Tools and plant	280
	19
Total, Direct Charges	1,602
Indirect charges	39
Grand Total	1,641

IRRIGATION BRANCH.

PUBLIC WORKS DEPARTMENT.

VALLURU ANICUT SYSTEM—Canal Project.

No. 5.—Account of Indirect Charges for and to end of 1917-1918.

Particulars.	Previous.	1917-1918.	Total.
CAPITAL—	Rs.	Rs.	Rs.
Leave and pension allowances ...	1,666	127	1,793
Total ...	1,666	127	1,793
REVENUE—			
Leave and pension allowances ...	1,427	84	1,511
Total ...	1,427	84	1,511
Grand Total ...	3,093	211	3,304

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

Particulars.	CHARGES AGAINST CLOSED SANCTIONS.			CURRENT SANCTIONS.			Total charges to date against old and current sanctions.	REMARKS.	
	Expenditure against construction estimate.	Expenditure against open canal sanction.	Total.	Charges to date.	Amount of sanctioned estimate.	Unspent balance of estimate.		G.O. No. and date.	Amount of estimate.
1	2	3	4	5	6	7	8	9	10
Direct Charges.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.		Rs.
Works ...	50,550	1,147	51,697	4,324	9,364	5,040	56,021	68 L. 14th Feb. 1917.	9,364
Establishment ...	11,627	264	11,891	911	1,583	672	12,802		
Tools and plant ...	...	...	...	...	...	...	...		
Suspense account.	...	...	...	...	...	...	...		
Total ...	62,177	1,411	63,588	5,235	10,947	5,712	68,823		
Less—Receipts on capital account.	...	...	...	...	...	...	...		
Net Total ...	62,177	1,411	63,588	5,235	10,947	5,712	68,823		
Indirect Charges.									
Capitalized abatement of land revenue ...	...	...	...	...	...	...	...		
Leave and pension allowances ...	1,628	38	1,666	127	...	—127	1,793		
Total ...	1,628	38	1,666	127	...	—127	1,793		
Grand Total ...	63,805	1,449	65,254	5,362	10,947	5,585	70,616		

ADMINISTRATIVE ACCOUNTS FOR THE YEAR 1917-18.

MADRAS PRESIDENCY.

MADRAS WATER-SUPPLY AND IRRIGATION SYSTEM—Tank Project.

No. 2.—Capital Account for and to end of 1917-1918.

Heads of account.	DIRECT CHARGES.			Cost of construction as now estimated (closed in 1893).	Expenditure against closed estimate.
	Previous.	1917-1918.	Total.		
I. WORKS—	Rs.	Rs.	Rs.	Rs.	Rs.
(1) <i>Head Works—</i>					
C. Works ...	88,195	...	88,195	88,195	88,195
K. Buildings ...	6,615	...	6,615	6,615	6,615
O. Miscellaneous ...	1,029	...	1,029	1,029	1,029
Total ...	95,839	...	95,839	95,839	95,839
(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
F. (1) Other cross drainage works ...	59,847	...	59,847	59,847	59,847
G. Bridges ...	53,739	...	53,739	53,739	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 ...	3,39,056	...	3,39,056	3,39,056	3,39,056
<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 ...	1,567	506	2,073	2,073	2,073
L. Earthwork ...	2,275	...	2,275	2,275	2,275
Total ...	3,842	506	4,348	4,348	4,348
(4) <i>Drainage and Protective works—</i>					
C. Works ...	2,672	...	2,672	2,672	2,672
Provision for unforeseen works ...	...	...	...	...	...
Total, Works ...	13,23,531	506	13,24,037	13,24,037	13,24,037
II. ESTABLISHMENT ...	2,17,631	109	2,17,740	2,17,740	2,17,740
III. TOOLS AND PLANT ...	6,648	...	6,648	6,648	6,648
Grand Total ...	15,47,810	615	15,48,425	15,48,425	15,48,425
V. LESS—RECEIPTS ON CAPITAL ACCOUNT					
...	1,167	135	1,302	1,302	1,302
(a) Net Total ...	15,46,643	480	15,47,123	15,47,123	15,47,123

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

IRRIGATION BRANCH.

PUBLIC WORKS DEPARTMENT.

MADRAS WATER-SUPPLY AND IRRIGATION SYSTEM—*Tank Project.*

No. 3.—Revenue Account for and to end of 1917-1918.

Receipts.	TOTAL.			Charges.	TOTAL.		
	Previous.	1917-1918.	Total.		Previous.	1917-1918.	Total.
I. DIRECT RECEIPTS—	RS.	RS.	RS.	I. EXTENSIONS AND IMPROVEMENTS—	RS.	RS.	RS.
3. Sales of water ..	6,69,057	29,783	6,98,840	(1) Head works ..	6,704	..	6,704
5. Receipts from plan- tations ..	785	85	873	(2) Main canals and branches ..	31,478	1,001	32,479
6. Receipts from other canal produce ..	4,581	104	4,685	(3) Distributaries ..	2,683	271	2,954
9. Rents of buildings.	829	57	886	(4) Drainage and protective works ..	613	..	613
10. Fines ..	39	..	39	Total ..	41,478	1,272	42,750
11. Miscellaneous ..	2,300	220	2,520	II. MAINTENANCE AND REPAIRS—	..	..	..
Total, revenue realized in Public Works De- partment ..	6,77,591	30,252	7,07,843	(1) Head works ..	61,719	157	61,876
Irrigation revenue real- ized in Civil Depart- ment ..	4,53,556	16,928	4,70,484	(2) Main canals and branches ..	5,14,838	5,061	5,19,899
Total, Direct Revenue ..	11,31,147	47,180	11,78,327	(3) Distributaries ..	3,953	..	3,953
II. INDIRECT RECEIPTS—				(4) Drainage and protective works ..	2,008	..	2,008
Share of land revenue collected in the Civil De- partment ..	19,795	462	20,257	Add—Unclassifiable outlay ..	..	..	..
Total, Public Works and Civil Departments, Revenue ..	11,50,942	47,642	11,98,584	Total ..	5,82,518	5,218	5,87,736
Total, Receipts ..	11,50,942	47,642	11,98,584	Total, Extensions and Improvements and Maintenance and Repairs ..	5,23,996	6,490	6,30,486
				IV. ESTABLISHMENT ..	2,17,634	4,227	2,21,761
				V. TOOLS AND PLANT ..	7,855	..	7,855
				VI. REFUNDS OF REVENUE ..	87	1	88
				Total, Direct Charges ..	8,49,472	10,718	8,60,190
				Share of collection charges in the Civil Department ..	25,855	870	26,725
				Indirect charges ..	31,395	592	31,987
				Total, Direct and Indirect Charges ..	9,06,722	12,180	9,18,902
				Deduct—Old maintenance charges saved to Government (a) ..	2,29,490	4,741	2,34,231
				Net Total ..	6,77,232	7,439	6,84,671
				Balance, net revenue ..	4,73,710	40,203	5,13,913
				Grand Total ..	11,50,942	47,642	11,98,584

(a) Extensions and improvements ..	..	..	..	..	..	RS.
Maintenance and repairs ..	..	..	..	..	..	3,600
Establishment ..	..	..	..	..	..	200
Tools and plant ..	..	..	..	..	..	817
	..	..	..	..	..	10
Total, Direct charges ..	..	..	..	..	..	4,627
Indirect charges ..	..	..	..	..	..	114
Grand Total ..	..	..	..	..	..	4,741

ADMINISTRATIVE ACCOUNTS FOR THE YEAR 1917-18.

MADRAS PRESIDENCY.

MADRAS WATER-SUPPLY AND IRRIGATION SYSTEM—*Tank Project.*

No. 5.—Account of Indirect Charges for and to end of 1917-1918.

Particulars.	Previous.	1917-1918.	Total.
	Rs.	Rs.	Rs.
CAPITAL—			
Capitalization of abatement of land revenue ..	2,08,120	..	2,08,120
Leave and pension allowances ..	30,810	15	30,825
Total ..	2,38,930	15	2,38,945
REVENUE—			
Capitalization of abatement of land revenue ..	1,095	..	1,095
Leave and pension allowances ..	30,300	592	30,892
Total ..	31,395	592	31,987
Grand Total ..	2,70,325	607	2,70,932

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.	
	Expendi- ture against construction estimate.	Expen- diture against open canal sanction.	Total.	Charges to date.	Amount of sanc- tioned 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 ..	12,97,799	26,238	13,24,037	..	..	..	13,24,037		
Establishment ..	2,12,547	5,193	2,17,740	..	..	..	2,17,740		
Tools and plant ..	6,648	..	6,648	..	..	..	6,648		
Suspense account.	..	..	..	..	..	..	..		
Total ..	15,16,994	31,431	15,48,425	..	..	..	15,48,425		
Less—Receipts on Capital Account.	1,167	135	1,302	..	..	..	1,302		
Net Total ..	15,15,827	31,296	15,47,123	..	..	..	15,47,123		
<i>Indirect Charges.</i>									
Capitalized abate- ment of land revenue ..	2,08,120	..	2,08,120	..	..	..	2,08,120		
Leave and pension allowances ..	30,098	727	30,825	..	..	..	30,825		
Total ..	2,38,218	727	2,38,945	..	..	..	2,38,945		
Grand Total ..	17,54,045	32,023	17,86,068	..	..	..	17,86,068		

IRRIGATION BRANCH.

PUBLIC WORKS DEPARTMENT.

CHEMBRAMBAUKAM TANK—Tank Project.

No. 2.—Capital Account for and to end of 1917–1918.

Heads of account.	DIRECT CHARGES.			Cost of construction as now estimated (construction estimate closed on 31st March 1893).	Expenditure against closed estimate.
	Previous.	1917–1918.	Total.		
I. WORKS—	Rs.		Rs.	Rs.	Rs.
(1) <i>Head Works—</i>					
K. Buildings	1,608	...	1,608	1,608	1,608
(2) <i>Main Canals and Branches—</i>					
B. Land	1,11,062	...	1,11,062	1,11,062	1,11,062
C. Works	99,557	...	99,557	1,02,257	99,557
K. Buildings	920	...	920	4,620	920
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	4,93,911	...	4,93,911	5,00,311	4,93,911
(3) <i>Distributaries—</i>					
B. Land	...	...	...	...	...
C. Works	5,902	...	5,902	7,502	5,902
L. Earthwork	2,469	...	2,469	2,469	2,469
Total	8,371	...	8,371	9,971	8,371
Provision for unforeseen works	...	...	...	...	...
Total, Works	5,03,890	...	5,03,890	5,11,890	5,03,890
II. ESTABLISHMENT	1,27,271	...	1,27,271	1,28,990	1,27,271
III. TOOLS AND PLANT	8,204	...	8,204	8,204	8,204
Grand Total	6,39,365	...	6,39,365	6,49,084	6,39,365
V. <i>Less—RECEIPTS ON CAPITAL ACCOUNT</i>	114	...	114	114	114
* Net Total	6,39,251	...	6,39,251	6,48,970	6,39,251

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

ADMINISTRATIVE ACCOUNTS FOR THE YEAR 1917–18.

MADRAS PRESIDENCY.

CHEMBRAMBAUKAM TANK—Tank Project.

No. 3.—Revenue Account for and to end of 1917–1918.

Receipts.	TOTAL.			Charges.	TOTAL.		
	Previous.	1917–1918.	Total.		Previous.	1917–1918.	Total.
I. DIRECT RECEIPTS—	RS.	RS.	RS.	I. EXTENSIONS AND IMPROVEMENTS—	RS.	RS.	RS.
5. Receipts from plantations	233	..	233	(1) Head works	4,085	..	4,085
6. Receipts from other canal produce	1,921	7	1,928	(2) Main canals and branches	34,687	..	34,687
9. Rents of buildings.	260	22	282	(3) Distributaries	803	502	1,305
10. Fines	5	..	5	(4) Drainage and protective works	..	..	..
11. Miscellaneous	1,016	25	1,041	Total	39,575	502	40,077
Total, Revenue realized in Public Works Department	3,435	64	3,499	II. MAINTENANCE AND REPAIRS—			
Irrigation Revenue realized in Civil Department	14,45,511	53,522	14,99,033	(1) Head works	37,198	..	37,198
Total, Direct Receipts	14,48,946	53,576	15,02,522	(2) Main canals and branches	2,52,491	11,905	2,64,396
II. INDIRECT RECEIPTS—				(3) Distributaries	14,404	..	14,404
Share of land revenue collected in the Civil Department	33,119	908	34,027	(4) Drainage and protective works	..	..	..
Total, Public Works and Civil Departments, Revenue	14,82,065	54,484	15,36,549	Add—Unclassifiable outlay	..	..	..
				Total	3,04,033	11,905	3,15,938
				Total, Extensions and Improvements and Maintenance and Repairs	3,43,608	12,407	3,56,015
				IV. ESTABLISHMENT	94,974	2,593	97,567
				V. TOOLS AND PLANT	1,771	..	1,771
				VI. REFUNDS OF REVENUE	45	..	45
				Total, Direct Charges	4,40,398	15,000	4,55,398
				Share of collection charges in the Civil Department	81,799	2,722	84,521
				Indirect charges	16,083	363	16,446
				Total, Direct and Indirect charges	5,38,280	18,085	5,56,365
				Deduct—Old maintenance charges saved to Government (a)	3,27,411	6,808	3,34,219
				Net Total	2,10,869	11,277	2,22,096
				Balance, net revenue	12,71,246	43,207	13,14,453
Total, Receipts	14,82,065	54,484	15,36,549	Grand Total	14,82,065	54,484	15,36,549

(a) Extensions and improvements	..	..	..	..	..	..	..	RS.
Maintenance and Repairs	..	..	..	..	..	..	..	2,283
Establishment	..	..	..	..	..	..	..	3,097
Tools and Plant	..	..	..	..	..	..	..	1,157
	..	..	..	..	..	..	..	109
Total, Direct Charges	..	..	..	..	..	..	..	6,646
Indirect charge	..	..	..	..	..	..	..	162
Grand Total	..	..	..	..	..	..	..	6,808

IRRIGATION BRANCH.

PUBLIC WORKS DEPARTMENT.

CHEMBRAMBAUKAM TANK—Tank Project.

No. 5.—Account of Indirect Charges for and to end of 1917–1918.

Particulars.	Previous.	1917–1918.	Total.
	Rs.	Rs.	Rs.
CAPITAL—			
Capitalization of abatement of land revenue ...	85,701	...	85,701
Leave and pension allowances ...	26,846	...	26,846
Total ...	1,12,547	...	1,12,547
REVENUE—			
Leave and pension allowances ...	16,063	363	16,426
Total ...	16,063	363	16,426
Grand Total ...	1,28,610	363	1,28,973

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

Particulars.	CHARGES AGAINST CLOSED SANCTIONS.			CURRENT SANCTIONS.			Total charges to date against old and current sanctions.	Remarks.
	Expenditure against construction estimate.	Expenditure against open canal sanction.	Total.	Charges to date.	Amount of sanctioned estimate.	Unspent balance of estimate.		
Direct Charges.	Rs.	Rs.	Rs.		Rs.	Rs.	Rs.	
Works ...	4,91,801	12,089	5,03,890	...	8,000	8,000	5,03,890	G.O. Mis. No. 321 I., dated 1st August 1917. ... 2,700
Establishment ...	1,24,534	2,737	1,27,271	...	1,719	1,719	1,27,271	G.O. Mis. No. 405 I., dated 28th September 1917. ... 1,600
Tools and plant ...	8,204	...	8,204	...	...	...	8,204	G.O. Mis. No. 113 I., dated 21st March 1918. ... 3,700
Suspense account ...	...	...	...	...	...	...	...	
Total ...	6,24,539	14,826	6,39,365	...	9,719	9,719	6,39,365	
Less—Receipts on Capital Account ...	114	...	114	...	...	...	114	Total ... 8,000
Net Total ...	6,24,425	14,826	6,39,251	...	9,719	9,719	6,39,251	
Indirect Charges.								
Capitalized abatement of land revenue ...	85,701	...	85,701	...	...	...	85,701	
Leave and pension allowances ...	26,463	383	26,846	...	...	...	26,846	
Total ...	1,12,164	383	1,12,547	...	...	...	1,12,547	
Grand Total ...	7,36,589	15,209	7,51,798	...	9,719	9,719	7,51,798	

ADMINISTRATIVE ACCOUNTS FOR THE YEAR 1917–18.

MADRAS PRESIDENCY.

MEHAMATTUR ANICUT SYSTEM—Canal Project.

No. 2.—Capital Account for and to end of 1917–1918.

Heads of account.	DIRECT CHARGES.			Cost of construction as now estimated (construction estimate closed in March 1891).	Expenditure against closed estimate.
	Previous.	1917–1918.	Total.		
	Rs.		Rs.	Rs.	Rs.
I. WORKS—					
(1) Head Works—					
C. Works ...	58,967	...	58,967	58,967	58,967
(3) Distributaries—					
C. Works ...	563	...	563	563	563
Total, Works ...	57,530	...	57,530	57,530	57,530
II. ESTABLISHMENT					
(a) Grand Total ...	13,231	...	13,231	13,231	13,231
	70,761	...	70,761	70,761	70,761

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

No. 3.—Revenue Account for and to end of 1917–1918.

Receipts.	TOTAL.			Charges.	TOTAL.		
	Previous.	1917–1918.	Total.		Previous.	1917–1918.	Total.
	Rs.	Rs.	Rs.		Rs.	Rs.	Rs.
I. DIRECT RECEIPTS—				I. EXTENSIONS AND IMPROVEMENTS—			
5. Receipts from plantations ...	723	119	842	(1) Head works ...	2,904	14	2,918
6. Receipts from other canal produce ...	1,604	3	1,607	(2) Main canals and branches ...	10,399	143	10,542
9. Rents of buildings ...	7	2	9	(3) Distributaries ...	5,042	...	5,042
11. Miscellaneous ...	28	...	28	(4) Drainage and protective works ...	9,521	...	9,521
Total, Revenue realized in Public Works Department ...	2,362	124	2,486	Add—Unclassifiable outlay ...	...	...	...
Irrigation revenue realized in Civil Department ...	4,78,626	16,014	4,94,640	Total ...	27,868	167	28,035
Total, Direct receipts ...	4,80,988	16,138	4,97,126	II. MAINTENANCE AND REPAIRS—			
II. INDIRECT RECEIPTS—				(1) Head works ...	36,500	517	37,017
Share of land revenue collected in the Civil Department ...	2,670	51	2,721	(2) Main canals and branches ...	42,649	2,277	44,926
Total, Public Works and Civil Departments, Revenue ...	4,83,658	16,189	4,99,847	(3) Distributaries ...	24,232	571	24,803
				(4) Drainage and protective works ...	45,826	...	45,826
				Add—Unclassifiable outlay ...	...	...	...
				Total ...	1,40,207	3,365	1,43,572
				Total, Extensions and Improvements and Maintenance and Repairs ...	1,77,073	3,522	1,80,595
				IV. ESTABLISHMENT ...	40,514	756	41,270
				V. TOOLS AND PLANT ...	104	...	104
				VI. REFUNDS OF REVENUE ...	2	...	2
				Total, Direct Charges ...	2,17,693	4,278	2,21,971
				Share of collection charges in the Civil Department ...	24,064	803	24,867
				Indirect charges ...	6,022	106	6,128
				Total, Direct and Indirect Charges ...	2,47,779	5,187	2,52,966
				Deduct—Old maintenance charges saved to Government (a) ...	13,764	802	14,566
				Net Total ...	2,34,015	4,385	2,38,400
				Balance, net revenue ...	2,49,643	11,804	2,61,447
Total, Receipts ...	4,83,658	16,189	4,99,847	Grand Total ...	4,83,658	16,189	4,99,847

(a) Extensions and improvements	Rs. 126
Maintenance and repairs	510
Establishment	187
Tools and plant	10
Total, Direct Charges	783
Indirect charges	19
Grand Total	802

IRRIGATION BRANCH.

PUBLIC WORKS DEPARTMENT.

MEHAMATTUR ANICUT SYSTEM—Canal Project.

No. 5.—Account of Indirect Charges for and to end of 1917-1918.

Particulars.	Previous.	1917-1918.	Total.
	Rs.	Rs.	Rs.
CAPITAL—			
Capitalization of abatement of land revenue ...	45	...	45
Leave and pension allowances ...	1,852	...	1,852
Total ...	1,897	...	1,897
REVENUE—			
Capitalization of abatement of land revenue ...	354	...	354
Leave and pension allowances ...	5,668	106	5,774
Total ...	6,022	106	6,128
Grand Total ...	7,919	106	8,025

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

Particulars.	CHARGES AGAINST CLOSED SANCTIONS.			CURRENT SANCTIONS.			Total charges to date against old and current sanctions.	REMARKS.	
	Expenditure against construction estimate.	Expenditure against open canal sanction.	Total.	Charges to date.	Amount of sanctioned estimate.	Unspent balance of estimate.		G.O. No. and date.	Amount of estimate.
Direct Charges.	Rs.	Rs.	Rs.				Rs.		
Works ...	56,289	1,241	57,530	...	...	...	57,530		
Establishment ...	12,946	285	13,231	...	...	...	13,231		
Tools and plant ...	...	...	...	...	...	...	...		
Suspense account ...	...	...	...	...	...	...	...		
Total ...	69,235	1,526	70,761	...	...	...	70,761		
Less—Receipts on Capital Account ...	...	...	...	...	...	...	...		
Net Total ...	69,235	1,526	70,761	...	...	...	70,761		
Indirect Charges.									
Capitalized abatement of land revenue ...	...	45	45	...	...	...	45		
Leave and pension allowances ...	1,812	40	1,852	...	...	...	1,852		
Total ...	1,812	85	1,897	...	...	...	1,897		
Grand Total ...	71,047	1,611	72,658	...	...	...	72,658		

ADMINISTRATIVE ACCOUNTS FOR THE YEAR 1917-18.

MADRAS PRESIDENCY.

VRIDDHACHALAM ANICUT SYSTEM—Canal Project.

No. 2.—Capital Account for and to end of 1917-1918.

Heads of account.	DIRECT CHARGES.			Cost of construction as now estimated (construction estimate closed in March 1893).	Expenditure against closed estimate.
	Previous.	1917-1918.	Total.		
I. WORKS—	Rs.		Rs.	Rs.	Rs.
(1) Head Works—					
B. Land	58,094	...	58,094	58,094	58,094
C. Works	...	...	...	...	...
O. Miscellaneous	...	...	...	...	...
Total	58,094	...	58,094	58,094	58,094
(2) Main Canals and Branches—					
B. Land	158	...	158	158	158
D. Regulators	4,049	...	4,049	4,049	4,049
E. Falls and Weirs	6,315	...	6,315	6,315	6,315
L. Earthwork	...	...	...	...	...
Total	10,522	...	10,522	10,522	10,522
Total, Works	68,616	...	68,616	68,616	68,616
II. ESTABLISHMENT	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 1917-1918.

Receipts.	TOTAL.			Charges.	TOTAL.		
	Previous.	1917-1918.	Total.		Previous.	1917-1918.	Total.
I. DIRECT RECEIPTS—	Rs.	Rs.	Rs.	I. EXTENSIONS AND IMPROVEMENTS—	Rs.	Rs.	Rs.
5. Receipts from plantations	1,556	210	1,766	(1) Head works	6,613	16	6,629
6. Receipts from other canal produce	1,558	...	1,558	(2) Main canals and branches	15,800	38	15,838
9. Rents of buildings	22	4	26	(3) Distributaries	9,516	...	9,516
11. Miscellaneous	67	...	67	(4) Drainage and protective works	1,968	...	1,968
Total, Revenue realized in Public Works Department	3,202	214	3,416	Add—Unclassifiable outlay	...	...	...
Irrigation advance realized in Civil Department	7,35,376	24,322	7,59,698	Total	33,897	52	33,949
Total, Direct Receipts	7,38,578	24,536	7,63,114	II. MAINTENANCE AND REPAIRS—			
II. INDIRECT RECEIPTS—				(1) Head works	37,434	5,985	43,419
Share of land revenue collected in the Civil Department	17,696	294	17,990	(2) Main canals and branches	50,307	2,426	52,733
Total, Indirect Receipts	17,696	294	17,990	(3) Distributaries	41,345	...	41,345
Total, Receipts	7,56,274	24,830	7,81,104	(4) Drainage and protective works	1,089	...	1,089
				Add—Unclassifiable outlay	53,862	...	53,862
				Total	1,84,038	8,411	1,92,449
				Total, Extensions and Improvements and Maintenance and Repairs	2,17,925	8,463	2,26,388
				IV. ESTABLISHMENT ..	49,413	1,841	51,254
				V. TOOLS AND PLANT ..	198	...	198
				VI. REFUNDS OF REVENUE ..	...	...	...
				Total, Direct Charges	2,67,546	10,304	2,77,850
				Share of collection charges in the Civil Department	37,651	1,231	38,882
				Indirect charges	6,998	258	7,256
				Total, Direct and Indirect charges	3,12,195	11,793	3,23,988
				Balance, net revenue	4,44,079	13,037	4,57,116
				Grand Total ..	7,56,274	24,830	7,81,104

IRRIGATION BRANCH.

PUBLIC WORKS DEPARTMENT.

VRIDDHACHALAM ANICUT SYSTEM—Canal Project.

No. 5.—Account of Indirect Charges for and to end of 1917-1918.

Particulars.	Previous.	1917-1918.	Total.
	Rs.	Rs.	Rs.
CAPITAL—			
Capitalization of abatement of land revenue ...	314	...	314
Leave and pension allowances ...	2,180	...	2,180
Total ...	2,494	...	2,494
REVENUE—			
Capitalization of abatement of land revenue ...	83	...	83
Leave and pension allowances ...	6,915	258	7,173
Total ...	6,998	258	7,256
Grand Total ...	9,492	258	9,750

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

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

ADMINISTRATIVE ACCOUNTS FOR THE YEAR 1917-18.

MADRAS PRESIDENCY.

PELANDORAI ANICUT SYSTEM—Canal Project.

No. 2.—Capital Account for and to end of 1917-1918.

Heads of account.	DIRECT CHARGES.			Cost of construction as now estimated (closed in 1893).	Expenditure against closed estimate.
	Previous.	1917-1918.	Total.		
	Rs.	Rs.	Rs.	Rs.	Rs.
I. WORKS—					
(1) Head Works—					
B. Land ...	...	...	...	...	...
C. Works ...	2,64,856	...	2,64,856	2,64,555	2,64,555
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	2,70,849	2,70,849
(2) Main Canals and Branches—					
B. Land ...	12,255	...	12,255	12,255	12,255
D. Regulators ...	9,938	...	9,938	9,938	9,938
E. Falls and weirs ...	7,083	...	7,083	7,384	7,384
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 ...	2,04,056	...	2,04,056	2,04,357	2,04,357
(3) Distributaries—					
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) Drainage and Protective Works—					
B. Land ...	...	...	...	...	...
C. Works ...	...	10,221	10,224	26,523	...
L. Earthwork ...	...	...	...	...	...
O. Miscellaneous ...	3	...	...	...	3
Total ...	3	10,221	10,224	26,523	3
Provision for unforeseen works ...	...	...	...	...	...
Total, Works ...	4,95,335	10,221	5,05,556	5,21,855	4,95,335
II. ESTABLISHMENT ...	1,10,602	1,137	1,11,739	1,15,828	1,10,602
III. TOOLS AND PLANT ...	5,938	...	5,938	5,938	5,938
Grand Total ...	6,11,875	11,358	6,23,233	6,43,621	6,11,875
V. Less—RECEIPTS ON CAPITAL ACCOUNT ...	798	...	798	798	798
* Net Total ...	6,11,077	11,358	6,22,435	6,42,823	6,11,077

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

IRRIGATION BRANCH.

PUBLIC WORKS DEPARTMENT.

PELANDORAI ANICUT SYSTEM—Canal Project.

No. 3.—Revenue Account for and to end of 1917-1918.

Receipts.	TOTAL.			Charges.	TOTAL.		
	Previous.	1917-1918.	Total.		Previous.	1917-1918.	Total.
I. DIRECT RECEIPTS—	RS.	RS.	RS.	I. EXTENSIONS AND IMPROVEMENTS—	RS.	RS.	RS.
5. Receipts from plantations ..	3,938	645	4,583	(1) Head works ..	16,447	..	16,447
6. Receipts from other canal produce ..	4,487	690	5,177	(2) Main canals and branches ..	35,911	195	36,106
9. Rents of buildings ..	224	83	307	(3) Distributaries ..	17,755	265	18,020
10. Fines ..	1	..	1	(4) Drainage and protective works ..	..	..	..
11. Miscellaneous ..	539	..	539	Total ..	70,123	460	70,583
Total, Revenue realized in Public Works Department ..	9,189	1,418	10,607	II. MAINTENANCE AND REPAIRS—	2,66,136	18,164	2,84,300
Irrigation Revenue realized in Civil Department ..	10,25,392	42,811	10,68,203	(1) Head works ..	2,63,462	5,963	2,75,425
Total, Direct receipts ..	10,34,581	44,229	10,78,810	(2) Main canals and branches ..	38,008	..	38,008
II. INDIRECT RECEIPTS—	..	..	..	(3) Distributaries ..	123	..	123
Share of land revenue collected in the Civil Department ..	4,043	76	4,119	(4) Drainage and protective works ..	..	..	..
Total, Public Works and Civil Departments, Revenue ..	10,38,624	44,305	10,82,929	Add—Unclassifiable outlay ..	..	..	..
Total, Receipts ..	10,38,624	44,305	10,82,929	Total ..	5,73,729	24,127	6,97,856
				Total, Extensions and Improvements and Maintenance and Repairs ..	6,43,852	24,587	6,68,439
				IV. ESTABLISHMENT ..	1,48,174	5,363	1,53,537
				V. TOOLS AND PLANT ..	4,210	..	4,210
				VI. RETURNS OF REVENUE ..	24	5	29
				Total, Direct charges ..	7,86,260	29,955	8,26,215
				Share of collection charges in the Civil Department ..	22,200	4,124	26,324
				Indirect charges ..	24,416	751	25,167
				Total, Direct and Indirect charges ..	8,72,942	32,850	9,05,792
				Deduct—(a) Old maintenance charges saved to Government ..	6,340	148	6,488
				Net Total ..	8,66,602	32,702	8,99,304
				Balance, Net revenue ..	1,72,022	11,603	1,83,625
				Grand Total ..	10,38,624	44,305	10,82,929

(a) Extensions and improvements ..	..	..	..	..	..	..	..	RS.
Maintenance and repairs ..	..	..	..	..	..	..	..	59
Establishment ..	..	..	..	..	..	..	..	58
Tools and plant ..	..	..	..	..	..	..	..	25
								2
Total, Direct charges ..	..	..	..	..	..	..	..	144
Indirect charges ..	..	..	..	..	..	..	..	4
Grand Total ..	..	..	..	..	..	..	..	148

No. 5.—Account of Indirect Charges for and to end of 1917-1918.

Particulars.	Previous.	1917-1918.	Total.
CAPITAL—	RS.	RS.	RS.
Capitalization of abatement of land revenue ..	27,907	..	27,907
Leave and pension allowances ..	19,893	159	20,052
Total ..	47,800	159	47,959
REVENUE—	..	..	..
Capitalization of abatement of land revenue ..	562	..	562
Leave and pension allowances ..	23,854	751	24,605
Total ..	24,416	751	25,167
Grand Total ..	72,216	910	73,126

ADMINISTRATIVE ACCOUNTS FOR THE YEAR 1917-18.

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.		
Direct Charges.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	
Works ..	3,32,345	1,62,990	4,95,335	10,221	24,620	16,299	5,05,556	
Establishment ..	73,999	36,603	1,10,602	1,137	5,226	4,089	1,11,739	
Tools and plant ..	4,438	1,500	5,938	..	..	..	5,938	
Suspense account ..	..	..	..	..	..	..	..	
Total ..	4,10,782	2,01,093	6,11,875	11,358	31,746	20,388	6,23,233	
Less—Receipts on Capital Account ..	798	..	798	..	..	..	798	
Net Total ..	4,09,984	2,01,093	6,11,077	11,358	31,746	20,388	6,22,435	
Indirect Charges.	..	..	..	..	..	..	..	
Capitalized abatement of and revenue ..	27,489	418	27,907	..	..	..	27,907	
Leave and pension allowances ..	14,769	6,124	19,893	159	..	— 159	20,052	
Total ..	42,258	6,542	47,800	159	..	— 159	47,959	
Grand Total ..	4,52,242	2,07,635	6,58,877	11,517	31,746	20,229	6,70,394	

393 L, dated 7th September 1918.
Mis. 27 1, dated 16th January 1918.

NANDYAR CHANNEL SYSTEM—Canal Project.

No. 2.—Capital Account for and to end of 1917-1918.

Heads of account.	DIRECT CHARGES.			Cost of construction as now estimated (construction estimate closed).	Expenditure against closed estimate.
	Previous.	1917-1918.	Total.		
I. WORKS—	RS.	RS.	RS.	RS.	RS.
(2) Main Canals and Branches—	..	..	..	..	..
B. Land ..	..	..	..	..	..
D. Regulators ..	3,003	..	3,003	3,003	3,003
E. Falls and weirs ..	4,747	1,309	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 ..	50,167	1,309	51,476	51,476	51,476
Total, Works ..	50,167	1,309	51,476	51,476	51,476
II. ESTABLISHMENT ..	11,474	281	11,755	11,755	11,755
III. TOOLS AND PLANT ..	..	..	..	..	..
(a) Grand Total ..	61,641	1,590	63,231	63,231	63,231

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

IRRIGATION BRANCH.

PUBLIC WORKS DEPARTMENT.

NANDYAR CHANNEL SYSTEM—Canal Project.

No. 3.—Revenue Accounts for and to end of 1917-1918.

Receipts.	TOTAL.			Charges.	TOTAL.		
	Previous.	1917-1918.	Total.		Previous.	1917-1918.	Total.
I. DIRECT RECEIPTS—	RS.	RS.	RS.	I. EXTENSIONS AND IMPROVEMENTS—	RS.	RS.	RS.
5. Receipts from plan-				(1) Head works	2,041	..	2,041
tation ..	2,038	2	2,038	(2) Main canals and branches ..	3,317	..	3,317
6. Receipts from other				(3) Distributaries	558	..	558
canal produce ..	1,514	14	1,528	(4) Drainage and protective works ..	..	..	..
9. Rent of buildings ..	9	3	12	Total ..	5,916	..	5,916
11. Miscellaneous ..	188	431	619				
Total, Revenue realized in				II. MAINTENANCE AND REPAIRS—			
the Public Works De-				(1) Head works	5,008	70	5,078
partment ..	3,747	450	4,197	(2) Main canals and branches ..	35,073	2,395	37,469
Irrigation revenue realized				(3) Distributaries	7,061	..	7,061
in the Civil Department.	59,156	4,597	63,753	(4) Drainage and protective works ..	..	..	..
Total, Direct Receipts ..	62,903	5,047	67,950	Add—Unclassifiable outlay ..	..	..	..
II. INDIRECT RECEIPTS—				Total ..	47,142	2,466	49,603
Share of Land Revenue				Total, Extensions and Improvements			
collected in the Civil				and Maintenance and Repairs ..	53,088	2,466	55,554
Department ..	912	54	966	IV. ESTABLISHMENT	11,589	575	12,164
Total, Public Works and				V. TOOLS AND PLANT	531	..	531
Civil Departments,				VI. REFUNDS OF REVENUE ..	..	..	..
Revenue ..	63,815	5,101	68,916	Total, Direct Charges ..	65,208	3,041	68,249
Total, Receipts ..	63,815	5,101	68,916	Share of collection charges in the Civil			
				department ..	3,401	233	3,634
				Indirect charges	1,763	81	1,844
				Total, Direct and Indirect Charges ..	69,972	3,355	73,327
				* Deduct—Old maintenance charges saved			
				to Government ..	4,042	4,042	8,084
				Net Revenue	65,930	— 387	65,543
				Balance, net revenue	— 2,115	5,788	3,673
				Grand Total ..	63,815	5,101	68,916

* Deduct:—	RS.
Extensions and Improvements	2,836
Maintenance and Repairs	371
Establishment	690
Tools and plant	48
Total ..	3,945
Indirect	97
	4,042

No. 5.—Account of Indirect Charges for and to end of 1917-1918.

Particulars.	Previous.	1917-1918.	Total.
CAPITAL—	RS.	RS.	RS.
Capitalization of abatement of land revenue ..	838	..	838
Leave and pension allowances	1,607	39	1,646
Total ..	2,445	39	2,484
REVENUE—			
Capitalization of abatement of land revenue ..	142	..	142
Leave and pension allowances	1,621	81	1,702
Total ..	1,763	81	1,844
Grand Total ..	4,208	120	4,328

ADMINISTRATIVE ACCOUNTS FOR THE YEAR 1917-18.

MADRAS PRESIDENCY.

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

Particulars.	CHARGES AGAINST CLOSED SANCTIONS.			CURRENT SANCTIONS.			Total charges to date against old and current sanctions.	REMARKS.	
	Expendi- ture against construc- tion estimate.	Expendi- ture against open canal sanction.	Total.	Charges to date.	Amount of sanctioned estimate.	Unspent balance of estimate.		G.O. No. and date.	Amount of estimate.
Direct Charges.	RS.	RS.	RS.	RS.	RS.	RS.	RS.		
Works	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		
Deduct—Receipts on Capital Account ..	..	..	..	..	..	..	..		
* Net Total ..	53,490	9,741	63,231	..	..	..	63,231		
Indirect Charges.									
Capitalized abatement of land	818	20	838	..	..	..	838		
revenue	..	..	..	..	..	..	..		
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		

MARUDUR ANICUT SYSTEM—Canal Project.

No. 2.—Capital Account for and to end of 1917-1918.

Heads of account.	DIRECT CHARGES.			Cost of construc- tion as now estimated (construc- tion estimate closed in 1893).	Expendi- ture against closed estimate.
	Previous.	1917-1918.	Total.		
I. WORKS—	RS.		RS.	RS.	RS.
(1) Head Works—					
C. Works	10,441	..	10,441	10,441	10,441
Total ..	10,441	..	10,441	10,441	10,441
(2) Main Canals and Branches—					
L. Earthwork	1,398	..	1,398	1,398	1,398
N. Tanks and reservoirs	23,658	..	23,658	23,658	23,658
Total ..	25,056	..	25,056	25,056	25,056
(3) Distributaries—					
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	41,500	41,500
II. ESTABLISHMENT	9,041	..	9,041	9,041	9,041
III. TOOLS AND PLANT	..	..	..	..	..
Grand Total ..	50,541	..	50,541	50,541	50,541
Deduct—Receipts on Capital Account ..	..	..	..	..	..
(a) Net Total ..	50,541	..	50,541	50,541	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 1917-1918.

Receipts.	TOTAL.			Charges.	TOTAL.		
	Previous.	1917-1918.	Total.		Previous.	1917-1918.	Total.
I. DIRECT RECEIPTS—	RS.	RS.	RS.	I. EXTENSIONS AND IMPROVEMENTS—	RS.	RS.	RS.
5. Receipts from plantations ..	37	..	37	(1) Head works ..	30	..	30
6. Receipts from other canal produce ..	12,113	735	12,848	(2) Main canals and branches ..	8,674	1,662	10,336
11. Miscellaneous ..	1,805	355	2,160	(3) Distributaries ..	10,251	..	10,251
				(4) Drainage and protective works ..	4,094	..	4,094
				Add—Unclassifiable outlay ..	11,000	..	11,000
Total revenue realized in Public Works Department ..	13,955	1,090	15,045	Total ..	34,049	1,662	35,711
Irrigation revenue realized in Civil Department ..	34,29,639	90,730	35,20,369	II. MAINTENANCE AND REPAIRS—			
				(1) Head works ..	8,704	..	8,704
				(2) Main canals and branches ..	1,51,957	9,899	1,61,856
				(3) Distributaries ..	95,501	334	95,835
				(4) Drainage and protective works ..	6,979	334	7,313
				Add—Unclassifiable outlay ..	1,98,631	..	1,98,631
				Total ..	4,61,775	10,617	4,72,392
Total, Direct Receipts ..	34,43,594	91,820	35,35,414	Total, Extensions and Improvements and Maintenance and Repairs ..	4,95,824	12,279	5,08,103
II. INDIRECT RECEIPTS—				IV. ESTABLISHMENT ..	1,10,860	2,749	1,13,609
Share of land revenue collected in the Civil Department ..	10,078	270	10,348	V. TOOLS AND PLANT ..	114	..	114
				VI. REFUNDS OF REVENUE ..	135	..	135
				Total, Direct Charges ..	6,06,933	15,028	6,21,961
Total, Public Works and Civil Departments, revenue ..	34,53,672	92,090	35,45,762	Share of collection charges in the Civil Department ..	1,71,986	4,550	1,76,536
				Indirect charges ..	15,962	385	16,347
				Total, Direct and Indirect Charges ..	7,94,881	19,963	8,14,844
				Deduct—Old maintenance charges saved to Government ..	1,01,735	5,224	1,07,659
				Net Total ..	6,93,146	14,739	7,07,885
				Balance, net revenue ..	27,60,526	78,651	28,39,177
Total, Receipts ..	34,53,672	92,090	35,45,762	Grand Total ..	34,53,672	92,090	35,45,762

(a) Extensions and improvements ..	RS.	200
Maintenance and repairs ..	4,500	
Establishment ..	1,011	
Tools and plant ..	71	
Total, Direct Charges ..	5,782	
Indirect Charges ..	142	
Grand Total ..	5,924	

No. 5.—Account of Indirect Charges for and to end of 1917-1918.

Particulars.	Previous.	1917-1918.	Total.
CAPITAL—	RS.	RS.	RS.
Leave and pension allowances ..	1,265	..	1,265
Total ..	1,265	..	1,265
REVENUE—			
Capitalization of abatement of land revenue ..	444	..	444
Leave and pension allowances ..	15,518	385	15,903
Total ..	15,962	385	16,347
Grand Total ..	17,227	385	17,612

ADMINISTRATIVE ACCOUNTS FOR THE YEAR 1917-18.

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.
Direct Charges.	RS.	RS.	RS.				RS.		
Works ..	32,586	8,910	41,500	..	..	..	41,500		
Establishment ..	7,496	1,545	9,041	..	..	..	9,041		
Tools and plant ..	..	..	..	..	..	..	..		
Expense account ..	..	..	..	..	..	..	..		
Total ..	40,086	10,455	50,541	..	..	..	50,541		
Less - Receipts on Capital account ..	..	..	..	..	..	..	..		
Net Total ..	40,086	10,455	50,541	..	..	..	50,541		
Indirect Charges.									
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	..	..	..	51,806		

PANJAMPATTI RESERVOIR—Tank Project.

No. 2.—Capital Account for and to end of 1917-1918.

Holds of account.	DIRECT CHARGES.			Cost of construction as now estimated.	Expenditure against closed estimate.
	Previous.	1917-1918.	Total.		
I. WORKS—	RS.	RS.	RS.	RS.	
(1) Head Works—					
A. Preliminary Expenses ..	770	163	933	1,020	..
B. Land ..	60,457	305	60,762	60,152	..
C. Works ..	5,347	311	5,658	12,382	..
K. Buildings ..	..	32	32	5,310	..
L. Earthwork ..	93,694	24,408	1,18,102	1,65,664	..
O. Miscellaneous (Unforeseen works) ..	11,135	305	11,441	7,960	..
P. Maintenance ..	..	112	112	486	..
Total ..	1,71,404	25,614	1,97,018	2,52,954	..
(3) Distributaries—					
A. Preliminary Expenses ..	397	..	397	880	..
B. Land ..	..	..	..	..	..
C. Works ..	44	244	288	..	..
L. Earthwork ..	..	..	..	11,005	..
O. Miscellaneous ..	..	..	..	..	..
Total ..	441	244	685	11,885	..
Provision for unforeseen works ..	..	..	..	..	..
Total Works ..	1,71,845	25,858	1,97,703	2,64,839	..
II. ESTABLISHMENT ..	23,873	5,413	29,286	42,927	..
III. TOOLS AND PLANT ..	55,199	749	55,948	28,324	..
Grand Total ..	2,50,917	31,420	2,82,337	3,36,090	..
V. Less—RECEIPTS ON CAPITAL ACCOUNT.	828	115	943	..	..
(a) Net Total ..	2,50,089	31,305	2,81,394	3,36,090	..

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

IRRIGATION BRANCH.

PUBLIC WORKS DEPARTMENT.

PANJAMPATTI RESERVOIR—Tank Project.

No. 5.—Accounts of Indirect Charges for and to end of 1917-1918.

Particulars.	Previous.	1917-1918.	Total.
CAPITAL—	RS.	RS.	RS.
Capitalization of abatement of land revenue	5,222		5,222
Leave and pension allowances	3,342	758	4,100
Total ..	8,564	758	9,322
Grand Total ..	8,564	758	9,322

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

Particulars.	CHARGES AGAINST CLOSED SANCTIONS.			CURRENT SANCTIONS.			Total charges to date against old and current sanctions.	REMARKS.	
	Expenditure against construction estimate.	Expenditure against open canal sanction.	Total.	Charges to date.	Amount of sanctioned estimate.	Unspent balance of estimate.			
Direct Charges.				RS.	RS.	RS.	RS.	Direct Charges.	RS.
Works				1,97,103	2,64,839	67,736	1,97,103	228 L., 11th June 1917.	2,64,839
Establishment				29,286	42,927	13,641	29,286		
Tools and plant				55,948	28,324	27,624	55,948		
Suspense account									
Total ..				2,82,337	3,36,090	53,753	2,82,337		
Less—Receipts on Capital Account				443		443	443		
Total ..				2,81,894	3,36,090	54,196	2,81,894		
Indirect Charges.								Indirect Charges.	
Capitalized abatement of land revenue				5,222	62,500	57,278	5,222	228 L., 11th June 1917.	68,510
Leave and pension allowances				4,100	6,010	1,910	4,100		
Total ..				9,322	68,510	59,188	9,322		
Grand Total ..				2,91,216	4,04,600	1,13,384	2,91,216		

CHILKA LAKE CANAL—Canal Project.

No. 2.—Capital Account for and to end of 1917-1918.

Heads of account.	DIRECT CHARGES.			Cost of construction as now estimated (closed on 31st March 1893).	Total against closed estimate.
	Previous.	1917-1918.	Total.		
I. WORKS—	RS.		RS.	RS.	RS.
(2) Main Canals and Branches—					
L. Earthwork	24,450		24,450	24,450	24,450
Total ..	24,450		24,450	24,450	24,450
Total, Works ..	24,450		24,450	24,450	24,450
II. ESTABLISHMENT	5,624		5,624	5,624	5,624
III. TOOLS AND PLANT	166		166	166	166
(a) Grand Total ..	30,240		30,240	30,240	30,240

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

ADMINISTRATIVE ACCOUNTS FOR THE YEAR 1917-18.

MADRAS PRESIDENCY.

CHILKA LAKE CANAL—Canal Project.

No. 3.—Revenue Account for and to end of 1917-1918.

Receipts.	TOTAL.			Charges.	TOTAL.		
	Previous.	1917-1918.	Total.		Previous.	1917-1918.	Total.
I. DIRECT RECEIPTS—	RS.		RS.	I. EXTENSIONS AND IMPROVEMENTS—	RS.		RS.
5. Receipts from Plan-				(1) Head works			
tation	102		102	(2) Main canals and branches			
Receipts from				(3) Distributaries	50		50
other canal pro-				(4) Drainage and protective works			
duce	194		194	Total ..	50		50
11. Miscellaneous ..	135		135				
Total, Revenue realized				II. MAINTENANCE AND REPAIRS—			
in the Public Works				(1) Head works			
Department	431		431	(2) Main canals and branches	20,488		20,488
				(3) Distributaries			
				(4) Drainage and protective works			
				Add—Underscribable outlay			
Total, Public Works and				Total ..	20,488		20,488
Civil Departments, Rev-							
enue	431		431	Total, Extensions and Improvements			
				and Maintenance and Repairs	20,538		20,538
				IV. ESTABLISHMENT	4,663		4,663
				V. TOOLS AND PLANT	5		5
				VI. REFUNDS OF REVENUE			
				Total, Direct Charges	25,206		25,206
				Share of collection charges in the			
				Civil Department	652		652
				Indirect charges			
				Total, Direct and Indirect Charges	25,858		25,858
				Balance, net revenue	25,427		25,427
Total, Receipts ..	431		431	Grand Total ..	431		431

No. 5.—Account of Indirect Charges for and to end of 1917-1918.

Particulars.	Previous.	1917-1918.	Total.
CAPITAL—	RS.		RS.
Leave and pension allowances	787		787
Total ..	787		787
REVENUE—			
Leave and pension allowances	652		652
Total ..	652		652
Grand Total ..	1,439		1,439

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

Particulars.	CHARGES AGAINST CLOSED SANCTIONS.			CURRENT SANCTIONS.			Total charges to date against old and current sanctions.	REMARKS.
	Expenditure against construction estimate.	Expenditure against open canal sanction.	Total.	Charges to date.	Amount of sanctioned estimate.	Unspent balance of estimate.		
Direct Charges.	RS.		RS.				RS.	
Works	24,450		24,450				24,450	
Establishment	5,624		5,624				5,624	
Tools and plant	166		166				166	
Total ..	30,240		30,240				30,240	
Less—Receipts on Capital Account								
Net total ..	30,240		30,240				30,240	
Indirect Charges.								
Capitalized abatement of land revenue	787		787				787	
Leave and pension allowances								
Total ..	787		787				787	
Grand Total ..	31,027		31,027				31,027	

GANJAM-GOPALPUR CANAL—Canal Project.

No. 2.—Capital Account for and to end of 1917-1918.

Heads of account.	DIRECT CHARGES.			Cost of construction as now estimated (closed in 1893).	Expenditure against closed estimate.
	Previous.	1917-1918.	Total.		
	RS.		RS.	RS.	RS.
I. WORKS—					
2. Main Canals and Branches—					
A. Preliminary expenses	623	..	623	623	623
B. Land	632	..	632	632	632
L. Earthwork	94,093	..	94,093	94,093	94,093
O. Miscellaneous	7,327	..	7,327	7,327	7,327
Total ..	1,02,675	..	1,02,675	1,02,675	1,02,675
Total, Works ..	1,02,675	..	1,02,675	1,02,675	1,02,675
II. ESTABLISHMENT	37,799	..	37,799	37,799	37,799
III. TOOLS AND PLANT	2,733	..	2,733	2,733	2,733
Grand Total ..	1,43,207	..	1,43,207	1,43,207	1,43,207
Less—RECEIPTS ON CAPITAL ACCOUNT ..	107	..	107	107	107
(a) Net Total ..	1,43,100	..	1,43,100	1,43,100	1,43,100

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

No. 3.—Revenue Account for and to end of 1917-1918.

Receipts.	TOTAL.			Charges.	TOTAL.		
	Previous.	1917-1918.	Total.		Previous.	1917-1918.	Total.
	RS.	RS.	RS.		RS.	RS.	RS.
Direct Receipts—				I. EXTENSIONS AND IMPROVEMENTS—			
6. Receipts from				(1) Head works	555	..	555
Distributions ..	253	106	359	(2) Main canals and branches ..	..	..	..
6. Receipts from				(3) Distributaries	..	..	..
other canal pro-				(4) Drainage and protective works ..	..	..	..
duce	273	12	285	Total	555	..	555
11. Miscellaneous ..	247	..	247	II. MAINTENANCE AND REPAIRS—			
Total, Revenue realized				(1) Head works	..	..	..
in the Public Works				(2) Main canals and branches ..	3,540	147	3,687
Department ..	773	118	891	(3) Distributaries	..	..	..
Total, Public Works and				(4) Drainage and protective works ..	..	..	..
Civil Departments,				Add—Unclassifiable outlay ..	..	..	..
Revenue	773	118	891	Total	3,540	147	3,687
				Total, Extensions and Improvements			
				and Maintenance and Repairs ..	4,095	147	4,242
				IV. ESTABLISHMENT	841	33	874
				V. TOOLS AND PLANT	..	..	..
				VI. REFUNDS OF REVENUE	..	..	..
				Total, Direct Charges ..	4,936	180	5,116
				Share of collection charges in the Civil			
				department	..	..	..
				Indirect Charges	419	5	424
				Total, Direct and Indirect Charges ..	5,355	185	5,540
				Balance, net revenue	4,582	67	4,649
Total, Receipts ..	773	118	891	Grand Total ..	773	118	891

GANJAM-GOPALPUR CANAL—Canal Project.

No. 5.—Account of Indirect Charges for and to end of 1917-1918.

Particulars.	Previous.	1917-1918.	Total.
	RS.	RS.	RS.
CAPITAL—			
Capitalization of abatement of Land Revenue.	7,100	..	7,100
Leave and Pension Allowances	5,293	..	5,293
Total ..	12,393	..	12,393
REVENUE—			
Capitalization of abatement of Land Revenue.	303	..	303
Leave and Pension Allowances	116	5	121
Total ..	419	5	424
Grand Total ..	12,812	5	12,817

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.		
	RS.		RS.				RS.	
Direct Charges.								
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	
Less—Receipts on Capital Account.	107	..	107	..	..	..	107	
Net Total ..	1,43,100	..	1,43,100	..	..	..	1,43,100	
Indirect Charges.								
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	

IRRIGATION BRANCH.

PUBLIC WORKS DEPARTMENT.

BUCKINGHAM CANAL—Canal Project.

No. 2.—Capital Account for and to end of 1917-1918

Heads of account.	DIRECT CHARGES.			Cost of construction as now estimated (construction estimate closed in March 1897).	Expenditure against closed estimate
	Previous.	1917-1918.	Total.		
I. WORKS—	Rs.	Rs.	Rs.	Rs.	Rs.
(2) Main Canals and Branches—					
A. Preliminary expenses ...	10,642	...	10,642	10,642	10,642
B. Land ...	3,80,244	...	3,80,244	3,81,254	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	26,172	22,022
I. Navigation works ...	12,74,994	...	12,74,994	12,74,994	12,74,994
K. Buildings ...	52,305	...	52,305	52,305	52,305
L. Earthwork ...	41,40,122	1,943	41,42,065	41,66,352	41,40,122
O. Miscellaneous ...	22,982	...	22,982	22,982	22,982
Total ...	62,55,456	1,943	62,57,399	62,86,846	62,55,456
Provision for unforeseen works ...	...	...	...	...	...
Total outlay on current sanctions ...	62,55,456	1,943	62,57,399	62,86,846	62,55,456
Old outlay ...	5,04,091	...	5,04,091	5,04,091	5,04,091
Total, Works ...	67,59,547	1,943	67,61,490	67,90,937	67,59,547
II. ESTABLISHMENT ...	16,02,111	41	16,02,529	16,08,642	16,02,111
III. TOOLS AND PLANT ...	1,80,762	...	1,80,762	1,80,762	1,80,762
Grand Total ...	85,42,420	2,361	85,44,781	85,80,341	85,42,420
V. Less—RECEIPTS ON CAPITAL ACCOUNT ...	24,326	...	24,326	24,326	24,326
(a) Net Total ...	85,18,094	2,361	85,20,455	85,56,015	85,18,094
(a) Chargeable to 35. Protective Major Works ...	6,66,112	...	6,66,112	...	...
Chargeable to 43. Minor Works and Navigation—Provincial ...	78,51,982	2,361	78,54,343	...	...
Total ...	85,18,094	2,361	85,20,455	...	...

ADMINISTRATIVE ACCOUNTS FOR THE YEAR 1917-18.

MADRAS PRESIDENCY.

BUCKINGHAM CANAL—Canal Project.

No. 3.—Revenue Account for and to end of 1917-1918.

Receipts.	TOTAL.			Charges.	TOTAL.		
	Previous.	1917-1918.	Total.		Previous.	1917-1918.	Total.
I. DIRECT RECEIPTS—	RS.	RS.	RS.	I.—EXTENSIONS AND IMPROVEMENTS—	RS.	RS.	RS.
3. Sale of water ...	300	50	350	(1) Head works ...	...	...	...
5. Receipts from plantations ...	6,027	612	6,639	(2) Main canals and branches ...	1,08,817	404	1,09,221
6. Receipts from other canal produce ...	59,600	1,374	60,974	(3) Distributaries ...	...	...	...
8. Navigation receipts ...	29,93,801	75,626	30,69,427	(4) Drainage and protective works ...	...	...	...
9. Rents of buildings ...	6,562	158	6,720	Total ...	1,08,817	404	1,09,221
10. Fines ...	1,353	...	1,353	II.—MAINTENANCE AND REPAIRS—	...	...	...
11. Miscellaneous ...	14,314	1,419	15,733	(1) Head works ...	...	...	...
Receipts for which classification is not obtainable ...	14,11,168	...	14,11,168	(2) Main canals and branches ...	34,65,332	1,02,577	35,67,909
Total revenue realized in the Public Works Department ...	44,93,135	79,239	45,72,374	(3) Distributaries ...	...	...	...
Total, Direct receipts ...	44,93,135	79,239	45,72,374	(4) Drainage and protective works ...	...	...	...
Total, Public Works and Civil Departments, Revenue ...	44,93,135	79,239	45,72,374	Add—Unclassifiable outlay ...	2,88,470	...	2,88,470
				Total ...	37,53,802	1,02,577	38,56,379
				Total, Extensions and Improvements and Maintenance and Repairs ...	38,62,619	1,02,981	39,65,600
				IV. ESTABLISHMENT ...	11,76,956	29,102	12,06,058
				V. TOOLS AND PLANT ...	1,20,604	6,166	1,26,770
				VI. REFUNDS OF REVENUE ...	20,045	441	20,486
				Total, Direct Charges ...	51,80,224	1,38,690	53,18,914
				Share of collection charges in the Civil Department.	...	...	...
				Indirect charges ...	1,64,522	4,074	1,68,596
				Total, Direct and Indirect Charges ...	53,44,746	1,42,764	54,87,510
				Balance, net revenue ...	—8,51,611	—63,525	—9,15,136
Total, Receipts ...	44,93,135	79,239	45,72,374	Grand Total ...	44,93,135	79,239	45,72,374

IRRIGATION BRANCH.

PUBLIC WORKS DEPARTMENT.

BUCKINGHAM CANAL—Canal Project.

No. 5.—Account of Indirect Charges for and to end of 1917-1918.

Particulars.	Previous.	1917-1918.	Total.
CAPITAL—	Rs.	Rs.	Rs.
Capitalization of abatement of land revenue	2,62,365	...	2,62,365
Leave and pension allowances	2,25,891	59	2,25,950
Total ...	4,88,256	59	4,88,315
REVENUE—			
Capitalization of abatement of land revenue	363	...	363
Leave and pension allowances	1,64,159	4,074	1,68,233
Total ...	1,64,522	4,074	1,68,596
Grand Total ...	6,52,778	4,133	6,56,911

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

Particulars.	CHARGES AGAINST CLOSED SANCTIONS.			CURRENT SANCTIONS.			Total charges to date against old and current sanctions.	REMARKS.	
	Expenditure against construction estimate.	Expenditure against open canal sanction.	Total.	Charges to date.	Amount of sanctioned estimate.	Unspent balance of estimate.		G.O. No. and date.	Amount of estimate.
Direct Charges.	Rs.	Rs.	Rs.				Rs.		
Works	66,72,338	87,209	67,59,547	1,943	31,390	29,447	67,61,490	74 I.,	
Establishment	15,85,806	16,305	16,02,111	418	6,531	6,113	16,02,529	21st Feb.	
Tools and plant	1,80,720	42	1,80,762	...	...	...	1,80,762	1917.	
Suspense account.	...	...	...	...	...	...	...		
Total ...	84,38,864	1,03,556	85,42,420	2,361	37,921	35,560	85,44,781	301 I., 23rd July 1917.	1,010
Less—Receipts on Capital Account.	4,502	19,824	24,326	...	...	...	24,326	Mis. 518 I., 15th Feb. 1917.	24,000
Net Total ...	84,34,362	83,732	85,18,094	2,361	37,921	35,560	85,20,455	Mis. 54 I., 5th Feb. 1918.	2,230
Indirect Charges.									
Capitalized abatement of land revenue	2,62,365	...	2,62,365	...	...	...	2,62,365	Total	4,150
Leave and pension allowances	2,23,608	2,283	2,25,891	59	...	— 59	2,25,950		
Total ...	4,85,973	2,283	4,88,256	59	...	— 59	4,88,315		
Grand Total ...	89,20,335	86,015	90,06,350	2,420	37,921	35,501	90,08,770		

ADMINISTRATIVE ACCOUNTS FOR THE YEAR 1917-18.

MADRAS PRESIDENCY.

VEDARANNIYAM CANAL—Canal Project.

No. 2.—Capital Account for and to end of 1917-1918.

Heads of account.	DIRECT CHARGES.			Cost of construction as now estimated closed in 1893.	Expenditure against closed estimate.
	Previous.	1917-1918.	Total.		
I. WORKS—	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
II. ESTABLISHMENT	24,814	..	24,814	24,814	24,814
(2) 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 1917-1918.

Receipts.	TOTAL.			Charges.	TOTAL.		
	Previous.	1917-1918.	Total.		Previous.	1917-1918.	Total.
I. DIRECT RECEIPTS—	RS.	RS.	RS.	I. EXTENSIONS AND IMPROVEMENTS—	RS.	RS.	RS.
5. Receipts from plantations	93	13	106	(1) Head works	2,857	430	3,287
6. Receipts from other canal produce	364	..	364	(2) Main canals and branches	..	..	..
8. Navigation receipts.	32,093	605	32,698	(3) Distributaries	638	..	638
10. Fines	141	4	145	(4) Drainage and protective works	..	..	..
11. Miscellaneous	14	..	14	Total ...	3,495	430	3,925
Total, Revenue realized in Public Works Department ...	32,705	622	33,327	II. MAINTENANCE AND REPAIRS—			
				(1) Head works	1,51,777	6,247	1,58,024
				(2) Main canals and branches	..	..	..
				(3) Distributaries	161	..	161
				(4) Drainage and protective works	..	..	..
				Add—Unclassifiable outlay ...	..	..	..
				Total ...	1,51,938	6,247	1,58,185
				Total, Extensions and Improvements and Maintenance and Repairs ...	1,55,433	6,677	1,62,110
Total, Direct Receipts ...	32,705	622	33,327	IV. ESTABLISHMENT	37,004	1,498	38,502
				V. TOOLS AND PLANT	7,186	189	7,375
				VI. REFUNDS OF REVENUE	40	..	40
				Total, Direct Charges ...	1,99,663	8,364	2,08,027
Total, Public Works and Civil Departments, Revenue ...	32,705	622	33,327	Share of collection charges in the Civil department	5,817	209	6,026
				Indirect charges	..	..	..
				Total, Direct and Indirect Charges ...	2,05,480	8,573	2,14,053
				Balance, net revenue	— 1,72,775	— 7,951	— 1,80,726
Total, Receipts ...	32,705	622	33,327	Grand Total ...	32,705	622	33,327

IRRIGATION BRANCH.

PUBLIC WORKS DEPARTMENT.

VEDARANNIYAM CANAL—Canal Project.

No. 5.—Account of Indirect Charges for and to end of 1917-1918.

Particulars.	Previous.	1917-1918.	Total.
	Rs.	Rs.	Rs.
CAPITAL—			
Capitalization of abatement of land revenue	259	...	259
Leave and pension allowances	3,474	...	3,474
Total ...	3,733	...	3,733
REVENUE—			
Capitalization of abatement of land revenue	655	...	655
Leave and pension allowances	5,162	209	5,371
Total ...	5,817	209	6,026
Grand Total ...	9,550	209	9,759

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

Particulars.	CHARGES AGAINST CLOSED SANCTIONS.			CURRENT SANCTIONS.			Total charges to date against old and current sanctions.	REMARKS.	
	Expendi- ture against construc- tion estimate.	Expendi- ture against open canal sanction.	Total.	Charges to date.	Amount of sanc- tioned 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 abate- ment of land revenue	...	259	259	...	...	...	259		
Leave and pension allowances	3,474	...	3,474	...	...	...	3,474		
Total ...	3,474	259	3,733	...	...	...	3,733		
Grand Total ...	1,36,173	259	1,36,432	...	...	...	1,36,432		

M. R. S.
14th September 1918.

A. R. IYER,
Deputy Accountant-General

