

PUBLIC WORKS DEPARTMENT

MADRAS PRESIDENCY

ADMINISTRATION REPORT

FOR THE YEAR

1920-1921



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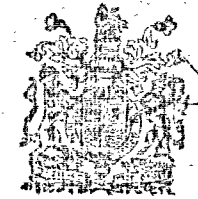


ADMINISTRATION REPORT

FOR THE YEAR

1920-1921

-IRRIGATION



MADRAS

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செப்பன்ருவதற்காக எடுத்த
கொள்ளப்பட்ட நாள்

செப்பன்ரு முடிந்த நாள்

ஆண்டு

மார்ச்சு

மு.பா.எ.

கையொப்பம்.

மாண்புமிகு உறுப்பினர்

கையொப்பம்

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PUBLIC WORKS DEPARTMENT.

MADRAS PRESIDENCY.

ADMINISTRATION REPORT

FOR THE YEAR 1920-1921.

PART II—IRRIGATION.

CHAPTER I—GENERAL.

Mr. W. J. J. Howley, C.S.I., M.Inst. C.E., continued to hold the office of the **Person** Chief Engineer for Irrigation up to the 23rd October 1920 when he proceeded on leave preparatory to retirement. He was succeeded by Col. A. H. Morin, D.S.O., V.D., A.D.C., who took charge of the office on the 26th idem. In the interim Mr. F. E. Morgan officiated as Chief Engineer for Irrigation in addition to his special duty in connexion with the Metur project. The post of Assistant Chief Engineer for Irrigation was held by Messrs C. Peddie, A. W. Robert, S. C. Majumdar and F. E. Morgan successively.

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 Revenue Accounts are kept.

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

Class IV.—Provincial Agricultural works.

Classifi-
tion of
works.

3. The total outlay incurred on, and the total revenue derived from, irrigation **Gross** works during the year under report were Rs. 80,64,621 and Rs. 2,77,05,160 against **outlay,** Rs. 76,71,991 and Rs. 2,85,72,442, respectively, in 1919-20. The area charged as **revenue** irrigated was 7,298,567 acres against 7,692,530 acres in the previous year. **and are** irrigated

4. (1) There are sixteen works of this class, only one of which, the Toludur **Class I-** project, is still under execution. The canals of the Gōdāvari and the Kistna delta **Producti** systems and the Kurnool-Cuddapah canal are used both for irrigation and navigation. **works.** The remaining class I works are purely irrigation systems. **Number o**

Toludur project (South Arcot district).—The reservoir bund was nearing **Works un** completion, while the main supply channel was practically completed. The main **constructi** canal and branches were also practically completed. As regards distributaries, the important ones were taken up and considerable progress was made in their execution. The manufacture of shutters for the regulator was almost completed.

Labour was both scarce and difficult to procure owing to the high prices of foodstuffs and as coolies preferred payment in kind under ryots. The working season was on the whole favourable, though the heavy and continuous rains in November 1920 and January 1921 retarded progress considerably.

The expenditure on the project during the year was Rs. 3,09,813 and to the end of the year Rs. 19,69,858 against the estimate of Rs. 32,90,900. The project is expected to come into operation in 1922-23.

Capital
outlay.

(2) The capital outlay (direct and indirect) on productive works during the year was Rs. 8,36,904 against Rs. 7,16,571, the average of the triennium ending 1919-20. The expenditure was incurred mainly on the Gōdāvari and the Cauvery delta systems and the Toludur project. Details of the works carried out are given in Chapter II. The Nagavalli river system, the Kurnool-Cuddapah canal and the Barur tank not having fulfilled the conditions of productive works, the capital expenditure on these works is met from Provincial funds. The capital outlay to the end of the year on these three systems from both Imperial and Provincial funds was Rs. 2,53,68,654, excluding indirect charges, as shown below:—

Nagavalli river system—

	Imperial	Provincial	Total
Rs.	16,52,196	2,126	16,54,322

Kurnool-Cuddapah canal—

	Imperial	Provincial	Total
Rs.	2,18,73,121	14,21,836	2,32,94,957

Barur tank—

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

Grand total ... 2,53,68,654

Length of
canals.

(3) The total length of the main and branch canals of the productive systems at the end of the year was 3,998½ miles. Of this length 1,023 miles were for irrigation and navigation combined, and the remainder for irrigation only. The length of distributaries was 8,293½ miles.

Area
irrigated.

(4) The total area charged as irrigated (first and second crop) was 3,534,690 acres, which is 182,790 acres less than in the previous year and 39,409 acres less than the average of the previous triennium. The decrease occurred chiefly under second crop in the Gōdāvari delta system.

	First crop.	Second crop.
ACS.	ACS.	
1920-21	3,077,660	457,030
1919-20	3,026,790	690,690
Average of the triennium ending 1919-20	2,991,449	582,650

Revenue.

(5) The gross revenue of the year, including that due to old irrigation, amounted to Rs. 1,62,76,517 against Rs. 1,62,25,943, the average of the previous triennium. Compared with the previous year, the revenue showed a decrease of Rs. 5,34,552. This occurred chiefly under the Gōdāvari delta system and was due mainly to the failure of supply in the second-crop season and consequent deficiency in the second-crop cultivation.

Working
expenses.

(6) The gross working expenses of the year, inclusive of old maintenance charges, amounted to Rs. 32,09,885, which was Rs. 87,944 more than the average of the actuals of the previous three years. The working expenses showed an increase of Rs. 1,87,293 when compared with the previous year. The increase was due chiefly to the payment of increased salaries to the members of the "works" establishment.

Financial
results.

(7) The net revenue derived and the profit realized, after deducting interest charges, amounted to Rs. 88,25,088 and Rs. 59,90,821, against Rs. 89,47,016 and Rs. 60,85,662, respectively, the averages of the previous triennium.

The profit of the year after deducting interest charges, viz., Rs. 59,90,821, is 6.67 per cent on the capital outlay of Rs. 8,95,69,479. This return would be increased to 10.33 per cent if the Nagavalli river system, the Kurnool-Cuddapah canal and the Barur tank, which accounted for a total loss of Rs. 6,31,926, were excluded. The accumulated profits to the end of the year amounted to Rs. 18,60,17,564.

(8) The average revenue per acre amounted to Rs. 4.60 on the gross area Revenue and Rs. 5.36 on new irrigation. The working expenses per acre were Rs. 0.91 on working expenses per acre. the gross area and Rs. 1.33 on new irrigation.

(9) The remissions granted during the year amounted to Rs. 2,20,245 against Remissions. Rs. 2,27,298 in the previous year.

(10) The estimated value of crops amounted to Rs. 38,78,24,475 against Value of crops. Rs. 41,80,90,318 in the preceding year.

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

(i) The Rushikulya system in Ganjam district.

(ii) The Bhavanasi tank in the Guntur district.

(iii) The Mopad reservoir project in the Nellore district.

(iv) The Venkatapuram tank in the Kurnool district.

**Class I—
Protective
works.
Number of
works.**

Of these items (i), (ii) and (iv) were in operation and item (iii) was completed during the year.

The only work under construction was the Mopad Reservoir project, which, save Works under for a small quantity of rear casing at the reservoir dam, was practically completed construction. and brought into operation during the year. An extent of about 800 acres was brought under irrigation during the second crop season. The expenditure during and to the end of the year was Rs. 69,788 and Rs. 23,06,724, respectively, against the estimate of Rs. 22,97,000. The grain bazaar opened at the dam site for the benefit of the labourers was closed on the 15th January 1921, the net loss to Government on account of its working being Rs. 1,444.

(2) The capital outlay on protective works (direct and indirect) incurred Capital during the year was Rs. 76,111 against Rs. 2,10,888, the average of the triennium outlay. ending 1919-20. The bulk of the outlay was spent on the Mopad reservoir project.

(3) The lengths of the canals and distributaries of the protective systems at Lengths of the end of the year were 89½ miles and 151 miles respectively. canals.

(4) The area irrigated was 108,071 acres against 107,743, the average of the Area irrigated. previous triennium.

(5) The gross revenue, including old irrigation revenue, and the working Revenue, expenses were Rs. 2,56,764 and Rs. 84,924, against Rs. 2,42,399 and Rs. 66,154, working respectively, of the previous year. The net revenue, after deducting interest expenses, charges showed a deficit of Rs. 1,48,053, against Rs. 1,47,563 in the previous year. remissions The remissions granted amounted to Rs. 1,875 against Rs. 2,518 in the preceding and value of crops. year. The value of crops raised under this class of works is estimated at Rs. 84,44,086 against Rs. 85,42,309 in the previous year.

6. (1) There are forty works of this class in the Presidency. The following Class II— Minor Works and Navigation. five works have not been commenced:—

	Amount of estimate (direct and indirect).	Rs.	Number of works.
(i) Baguva project (Ganjam district)	...	7,93,695	
(ii) Mahadevapuram project (Gōdāvari district)	...	1,06,400	
(iii) Brughubhanda project (Guntur 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.

(2) The Kaniyampalayam ancient project in the Coimbatore district was the Work under only work under this class in progress. The construction of the head sluice was not construction. commenced. The remaining portion of the project was practically completed. The expenditure during the year was Rs. 22,845 and to the end of the year Rs. 1,19,110 against the revised estimate of Rs. 1,30,610. The entire project will be completed in 1922-23.

ADMINISTRATION REPORT OF THE

Navigation
works.

(3) The following works are intended solely for navigation purposes:—

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

The Chilka lake canal is now in the charge of the Salt Department.

Capital
outlay.

(4) The capital outlay (direct and indirect) during the year was Rs. 35,399 against Rs. 1,16,261, the average of the previous triennium. The bulk of the outlay was incurred on the Kaniyampalayam anicut in the Obimbatores district and the Madras Water-Supply and Irrigation system.

Length of
canals.

(5) The total length of main and branch canals at the end of the year was 1,011½ miles, of which 304½ miles were entirely for navigation purposes and the rest for irrigation. The length of distributaries was 506½ miles.

Area
irrigated.

(6) The area irrigated during the year was 368,416 acres against 353,252 acres, the average of the previous triennium.

Revenue and
working
expenses.

(7) The gross revenue, inclusive of old irrigation revenue, amounted to Rs. 15,04,051 against Rs. 14,88,161 in the preceding year and Rs. 14,42,488, the average of the actuals of the triennium ending 1919-20. The increase occurred mainly under the Palar anicut system and was due to the inclusion of the quit-rent on inam classed as wet. The gross working expenses of the year, inclusive of old maintenance charges, amounted to Rs. 5,06,607 against Rs. 5,08,018 in the preceding year and Rs. 4,79,182, the average of the previous triennium. As compared with the previous year, the difference is small.

Financial
results.

(8) The net revenue due to improvements amounted to Rs. 4,14,779 against Rs. 3,80,013, the average of the previous triennium. This represents a return of 2.03 per cent on the capital outlay of Rs. 2,04,76,699 to the end of the year.

Revenue and
working
expenses
per acre.

(9) The average revenue per acre irrigated under this class of works, excluding navigation works, amounted to Rs. 3.37 on the gross area and Rs. 5.25 on new irrigation. The working expenses come to Rs. 0.72 per acre on the gross area and Rs. 1.41 on new irrigation.

Remissions.

(10) The remissions granted during the year amounted to Rs. 44,057 against Rs. 10,860 in the previous year and Rs. 53,880, the average of the previous triennium. The bulk of the remissions was granted under the Cumbum tank.

Value of
crops.

(11) The estimated value of the crops irrigated by this class of works amounted to Rs. 5,63,27,450 against Rs. 4,31,62,289, in the preceding year.

Navigation
canals.

7. (1) Navigation was carried on on the Chilka lake canal; the Dumagudem, Godavari, Kistna, Kurnool-Cuddapah, Buckingham, West Coast and Vedaranniyam canals.

Receipts.

(2) Excluding the Chilka lake and the West Coast canals, for which figures are not available, the total receipts amounted to Rs. 2,71,279 or Rs. 5,512 less than in the previous year. The decrease occurred mostly under the Buckingham canal and was caused by the removal of restrictions in railway traffic imposed previously on account of the war. Many boats belonging to the Kistna canals having been utilized in connexion with the Godavari Pushkaram festival during the early part of the year, there was a fall of revenue on the Kistna canals which was more than made good by the increase on the Godavari canals.

Tonnage.

(3) For the reason given above, there was a decrease under 'ton-mileage' and 'value of goods'. The number of passengers carried, however, increased owing to the Godavari Pushkaram festival.

Class III—
Minor
Works for
which
neither
Capital nor
Revenue
Accounts
are kept.

8. The outlay incurred on the area irrigated under and the revenue derived from this class of works are compared below with the figures of the previous year and the averages of the previous triennium:—

	Outlay incurred.	Area irrigated.	Gross revenue.
	RS.	ACS.	RS.
During 1920-21	29,64,885	3,287,399	95,73,716
.. 1919-20	28,47,901	3,500,053	99,20,929
Average of the triennium ending 1919-20	28,74,457	3,261,250	90,53,249

9. (1) The total area coming within the scope of Tank Restoration Scheme investigation is 103,750 square miles. The area of minor basins entered upon at the beginning of year was 85,272 square miles, of which 80,042 square miles had been investigated. During the year under review these areas were increased by 2,095 square miles and 1,469 square miles respectively, bringing the total to 87,367 square miles entered upon and 81,511 square miles investigated, the remaining 5,856 square miles being under investigation. In the area completely investigated works were completed for 75,426 square miles and in progress for 4,148 square miles. For the balance of 1,937 square miles works were not commenced. Thus about 78.56 per cent of the total area of 103,750 square miles affected by the scheme had been investigated up to the 31st March 1921, leaving on that date a balance of 22,239 square miles. The estimates sanctioned for Tank Restoration Scheme works during the year amounted to Rs. 4,51,586 against Rs. 4,69,624 in the previous year.

(2) The total amount of estimates sanctioned from the beginning of the Tank Restoration Scheme operations up to the end of the year was Rs. 1,53,88,218, against which the total expenditure incurred was Rs. 1,33,47,273, exclusive of charges for establishment and tools and plant. The expenditure during the year amounted to Rs. 3,58,982.

10. The outlay incurred on and the revenue derived from this class of works are compared below with the figures of the previous year and the averages of the previous triennium:—

	Outlay incurred. RS.	Revenue derived. RS.
During 1920-21	7,17,279	94,113
During 1919-20	6,58,245	1,09,884
Average of the triennium ending 1919-20	7,19,784	1,02,332

River conservancy operations were carried on in the Godavari, Kistna, Cauvery, Coleroon and Tambraparni rivers.

11. (1) The estimate for the Cauvery reservoir project was still under the consideration of the Government of India. The Vengalapuram project in the Nellore district, the Velgode project in the Kurnool district and the improvements to the Kurnool-Cuddapah canal were also under consideration.

(2) In the Ganjam district estimates for improvements to the Girisola channel were returned to the Superintending Engineer for revision. Estimates in connexion with the Korathola Tampara and the Jayamangalam channel were revised. The proposals relating to the Coringa island project were generally approved by the Chief Engineer and the estimates therefor returned to the Superintending Engineer for revision. The estimates for the Polavaram island project were under the consideration of the Chief Engineer. Proposals for fitting higher shutters to the Kistna anicut at Bezvada were under examination. The scheme to raise water from the Kistna river by pumping at or near Pratur in the Guntur district for the irrigation of an extent of 10,768 acres in the Tenali and Guntur taluks was estimated to cost Rs. 19 lakhs for 'works' and the question of undertaking the project as an agricultural experiment to test the prospects of garden crop cultivation was under the consideration of the Government. The Amaravati reservoir project was abandoned as being financially impracticable; the question of the transport of forest produce by irrigation over the Nilambur river was under consideration. The estimates for improvements to the Vadavar and the Veeranam tank were under revision with reference to certain criticisms of the Government of India, while the estimate for improvements to the lower reaches of the Cauvery from the infall of the Ayyavayyanar to the sea was under the consideration of the Chief Engineer for Irrigation.

12. The rainfall during the south-west monsoon was below normal outside the southern districts. The north-east monsoon was on the whole favourable. The year on the whole was not unfavourable for agricultural operations except in parts of Ganjam, Vizagapatam, Kurnool, Bellary and Anantapur, where both the monsoons proved disappointing. The average rainfall for the Presidency was 35.77 inches against 42.15 inches in 1919-20 and 39.01 inches, the average for the five years ending 1919-20.

Miscellaneous
Floods.

13. During the year the highest flood in the Godavari was only 5.5 feet on the crest of the Dowlaishweram anicut on the 29th July 1920 against the recorded maximum of 17.0 feet in 1891 above the then crest level (the present crest is 0.75 foot higher). In the Kistna the maximum flood was 10.70 feet on the crest of the anicut at Bezwada on the 14th July 1920 against the record of 23.50 feet in October 1903. In the Tungabhadra the highest reading was 4.3 feet on the crest of the Sunkesala anicut on the 28th July 1920, the recorded maximum being 10.4 feet on the 31st October 1916. The maximum depth over the Adinimayapalle anicut across the Penner was 2.77 feet on the 20th August 1920, the highest recorded being 13.86 feet on the 28th October 1874. The Cauvery rose to 10.23 feet on the Cauvery dam north gauge on the 28th July 1920 against the recorded maximum of 14.67 feet in July 1911.

Breaches
and acci-
dents.

14. Owing to the unprecedented heavy rains in November 1920, very heavy floods were brought down the rivers in the Cauvery delta and these were the heaviest since 1884. The banks of the rivers were unable to withstand the floods and breached seriously in several places causing considerable damage to the lands on both sides. Almost all the breaches were temporarily closed and water was supplied for irrigation, but the unexpected floods of January 1921 reopened many of the breaches and caused further damage. Almost all the breaches were closed by the end of the year.

Ayacut
maps.

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

Hydro-
electric
surveys.

16. The concession for the utilization of the water power from the Periyar lake granted to Mr. A. H. Garrett in November 1919 was transferred by him to a syndicate which included among others Sir Alfred Chatterton, Bombay. A concession was granted in October 1920 to Messrs. Tata Sons, Limited, Bombay, for the generation of power from the Kundah river in the Nilgiris for the supply of electrical energy to the municipalities of Coonoor, Ootacamund and Coimbatore, and also to the cantonment of Wellington. A concession to Mr. B. D. Richards of Bombay for the generation of power from the Pykara river in the Nilgiris for industrial purposes and one to Mr. H. W. Perry of Trichinopoly for the generation of power from the Kathivadiar in the Kollimalais, Trichinopoly district, for the supply of electrical energy to Trichinopoly were under consideration. The party detailed in 1919 was engaged during the year in the survey of the Kolab-Dadi and Machkhand-Duduma schemes in the Vizagapatam district and the Pinjakavi-Berijam scheme in the Madura district. In addition a special officer was employed for four months and five new possible sites were inspected. Information has been received in respect of 60 possible schemes up to the 1st November 1921. Of these it is only possible to estimate the total horse-power in the case of 48 which comes to over 168,000. Of the new schemes investigated and not mentioned in the previous report the Pinjakavi-Berijam seems to be the most promising.

Localiza-
tion of
irrigable
areas.

17. The localization of irrigable areas in the Godavari Western delta was nearing completion while that in the Kistna Eastern delta was completed.

Irrigation
village
pancha-
yats.

18. The management of certain channels in the Godavari delta by village panchayats having proved satisfactory, a few more channels were transferred to their control.

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

PRODUCTIVE WORKS.

No. 1. Nagavalli River System.

Capital
outlay.

The system not having fulfilled the conditions of a productive public work, further outlay on works chargeable to the Capital account of the system is met from Provincial funds as in the case of 'Minor works for which Capital and Revenue accounts are kept.' The expenditure under the head during the year amounted to Rs. 1,697 (including direct and indirect charges).

2. Under 'Extensions and Improvements' the expenditure was Rs. 3,267, against Rs. 5,215 in the previous year, and Rs. 7,085, the average of the previous triennium. The outlay under 'Maintenance and Repairs' amounted to Rs. 15,018, against Rs. 18,325 in 1919-20 and Rs. 16,221, the average of the triennium ending 1919-20. Heavy expenditure was incurred in previous years under 'Extensions and Improvements' on the excavation of a large number of field distributaries.

3. The area irrigated was as shown below :—

Area
irrigated.

Crop.	Average of the triennium ending 1919-20.	During 1919-20.	During 1920-21.
First crop	ACS. 21,253	ACS. 22,732	ACS. 23,341
Second crop	6,943	9,209	1,987

The decrease is due to the prohibition of second crop irrigation under the system. The extent of sugarcane cultivation was 68 acres against 33 acres in the previous year.

4. The gross revenue excluding that due to old irrigation amounted to Rs. 78,268 and the working expenses to Rs. 27,530. The net revenue was therefore Rs. 50,738 and this amount fell short of the interest paid during the year by Rs. 4,581. This deficit is 0.27 per cent of the capital outlay, against 1.00 per cent in 1919-20 and 2.16 per cent in 1918-19.

5. The rainfall was poor, but the ayacut under the system did not suffer in consequence.

No. 2. Godavari Delta System.

6. The expenditure under the head amounted to Rs. 1,99,500. The following were the important works carried out during the year :—

Capital
outlay.

Eastern and Central Deltas.

(1) *Restoring the Kovur-Manjair junction canal (estimate Rs. 1,37,000).*—The outlay during the year was Rs. 15,028, and to the end of the year Rs. 37,053. The work is expected to be completed in 1921-22.

Works in
progress.

(2) *Remodelling the Tossipudi north side channel (estimate Rs. 69,170).*—The outlay during the year was Rs. 5,089 and to the end of the year Rs. 26,181. The work is expected to be completed in 1922-23.

(3) *Improvements to the Ainapur drain (Estimate Rs. 1,45,300).*—The outlay during the year was Rs. 80,434 and to the end of the year Rs. 1,07,116. The work was commenced in 1918-19 and is expected to be completed in 1923-24.

(4) *Remodelling the Mandapeta channel (estimate Rs. 18,340).*—The outlay to the end of the year was Rs. 6,527. The work is expected to be completed in 1921-22.

Western Delta.

(5) *Improvements to the upper portion of the Yenamadurru drain (estimate Rs. 7,00,000).*—The work was started during the year and the outlay was Rs. 5,429.

(6) *Improvements to the Neelacodu and Bondada drains (estimate Rs. 13,450).*—The outlay to the end of the year was Rs. 8,839. The work was put in hand in 1917-18 and is expected to be completed in 1921-22.

(7) *Extending the right chamber wall of the Kakaraparru lock (estimate Rs. 4,000).*—The work was commenced during the year and an expenditure of Rs. 1,410 incurred.

7. (a) *Extensions and improvements.*—The expenditure was Rs. 35,932, against Rs. 29,034 in the previous year and Rs. 53,913, the average of the previous triennium. Increased expenditure was incurred in 1918-19 on the acquisition of land required for the diversion of the Bank canal and the Godavari right bank at Masakapalli and Ravulapalem respectively.

Working
expenses.

(b) *Maintenance and repairs.*—The outlay under this head was Rs. 4,31,919, against Rs. 3,64,271 in the previous year and Rs. 3,37,729, the average of the previous triennium. The increase was due chiefly to the payment of increased salaries to the members of the 'Works' establishment.

Navigation. 8. The total receipts and maintenance charges amounted to Rs. 1,21,525 and Rs. 1,19,554 against Rs. 1,12,823 and Rs. 1,04,343 respectively in the previous year. Under 'ton-mileage' the figure was 10,459,670 against 13,412,404 in 1919-20. The value of goods carried was estimated at Rs. 18,70,32,013 against Rs. 20,39,09,041 in the previous year.

Area irrigated.

9. The area irrigated was as shown below :—

Crop.	Average of the triennium ending 1919-20.	During 1919-20.	During 1920-21.
First crop	ACS. 757,673	ACS. 761,658	ACS. 769,017
Second crop	322,107	387,935	212,367

The large decrease under second crop was due to the unusually low river and scanty rainfall. The extent of sugarcane cultivation was 3,856 acres against 7,361 acres in the preceding year. The increase was due to the high price of jaggery.

Financial results. 10. The gross revenue excluding that due to old irrigation was Rs. 40,12,144, against Rs. 44,82,919, the average of the previous triennium. The working expenses amounted to Rs. 9,46,896 against Rs. 9,04,529, the average of the previous triennium. The profits after deducting interest charges amounted to Rs. 26,68,955, which is 16.64 per cent on the capital outlay against 21.84 per cent in the previous year and 20.61 per cent in 1918-19.

General.

11. The supply during the first crop season was below normal. Transplantation was in progress to the end of September. Distribution of water was effected as economically as possible. The outturn was good in the Eastern delta and fair in the Central delta. The second crop season started unfavourably, there being no rainfall from the beginning of February 1921. The river fell to a very low stage necessitating the curtailment of the programme of the channels to be opened. Turns had also to be resorted to in order to prevent failure of crops as far as possible.

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—		
All canals except the portion of the Kovur-Manjair junction canal in the Northern subdivision.	1st May 1920.	1st June 1920.
The portion of the Kovur-Manjair junction canal in the Northern subdivision.	15th December 1919.	1st June 1920.
Central delta canals.	15th April 1920.	15th May 1920.
Dumagudem canal	23rd March 1920.	10th June 1920.
Western delta canals	3rd May 1920.	3rd June 1920.

No. 3. Kistna Delta System.

12. The expenditure during the year was Rs. 99,140. The following were the important works carried out during the year :—

(1) *Constructing a combined lock and regulator at 27½ mile of the Pulleru canal* (estimate Rs. 40,000).—The work was commenced during the year and concrete foundations practically completed. The expenditure incurred was Rs. 26,700.

(2) *Improvements in the drainage of the Murukondapad block* (estimate Rs. 13,200).—The outlay to the end of the year was Rs. 9,750. The work is expected to be completed in 1921-22.

(3) *Excavating the Jupudi affluent and improving the Gollamudipadu drain.*—The work was completed at a cost of Rs. 8,761 against the estimate of Rs. 9,700.

Capital outlay.
Works in progress.

(4) *Improvements to the Karenchedu block* (estimate Rs. 20,600).—The outlay during the year was Rs. 12,603 and to the end of the year Rs. 16,075. The work was put in hand during 1919-20 and is expected to be completed in 1921-22.

(5) *Improvements to the branch channels and distributaries of the Kollipara channel* (estimate Rs. 18,900).—The outlay to the end of the year was Rs. 7,020. The work was started in 1919-20 and is expected to be completed in 1921-22.

13. (a) *Extensions and improvements.*—The expenditure under this head was Rs. 11,091, against Rs. 14,021 in the previous year and Rs. 32,097, the average of the previous triennium. Heavy expenditure was incurred in 1917-18 on 'diverting the right flood bank of the Kistna river at Pratur.'

(b) *Maintenance and repairs.*—The outlay was Rs. 3,22,766 against Rs. 3,44,646 in 1919-20 and Rs. 2,98,932, the average of the previous triennium. The increase was due chiefly to the payment of increased salaries to the members of the "Works" establishment.

14. The total receipts and charges amounted to Rs. 70,016 and Rs. 1,11,117 against Rs. 77,379 and Rs. 93,379 respectively in the previous year. The figure under 'ton-mileage' was 12,410,338 against 11,947,911 in 1919-20. The value of goods carried was Rs. 5,53,42,880 against Rs. 5,83,76,491 in the preceding year.

15. The area irrigated was as shown below :—

Area irrigated.

Crop.	Average of the triennium ending 1919-20.	During 1919-20.	During 1920-21.
First crop	ACS. 722,089	ACS. 724,876	ACS. 732,216
Second crop	7,375	16,393	3,314

The extent of sugarcane cultivation was 184 acres against 79 acres in the previous year.

16. The gross revenue, exclusive of that due to old irrigation, amounted to Rs. 37,28,019 and the working expenses to Rs. 7,45,291. The profits after paying the interest charges amounted to Rs. 24,60,219, which represents a return of 14.76 per cent on the capital outlay against 14.52 per cent in the previous year and 14.13 per cent in 1918-19.

17. In the Eastern delta the rainfall was a little below normal and there were no high floods. The river rose rather late in the season and though it remained steady during the transplantation period, progress of transplantation was rather slow. Owing to the absence of heavy rains from October onwards, even the lands transplanted late yielded a fairly good crop. The localization of ayacut was completed during the year. In the Western delta as the river remained steady during the transplantation period there was not much scarcity of water. The rainfall was slightly less than that in the previous year and there were no high floods.

In consideration of the importance of the raising of food stuffs, the raising of wet crops on any land with the aid of the Kistna river water was not penalized during the year provided no injustice or insufficient supply to the regular ayacut was caused on that account.

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 canal	15th March 1921	1st June 1921.
Ryves canal	15th "	
Ellore canal	20th April "	
Western delta canals	20th March "	

No. 4. Divi Pumping System.

18. The outlay under the head amounted to Rs. 17,477, which was incurred chiefly on the following works :—

(1) *Excavating the Etimoga branch.*—(Estimate Rs. 2,300).

Capital outlay.
Works in progress.

- (2) Improving and extending the Aswarayapalem branch (estimate Rs. 1,830)
 (3) Acquiring and demarcating margins along channels and distributaries (estimate Rs. 8,700).

All the works were almost completed.

Working expenses.

19. (a) *Extensions and improvements*.—The expenditure under the head amounted to Rs. 3,005 against a minus outlay of Rs. 274 in the previous year and an expenditure of Rs. 1,806 in 1918-19.

(b) *Maintenance and repairs*.—The outlay was Rs. 75,369 against Rs. 72,431 in the previous year and Rs. 65,514, the average of the previous triennium. The increased expenditure was due mainly to the large amount of pumping necessitated by the poor rainfall.

Area irrigated.

20. The area irrigated was as shown below :—

Crop.	Average of the triennium ending 1919-20.	During 1919-20.	During 1920-21.
First crop	ACS. 32,871	ACS. 35,035	ACS. 38,935
Second crop	16	43	2

Financial results.

21. The gross revenue and working expenses amounted to Rs. 2,18,402 and Rs. 1,21,320 respectively, against Rs. 1,82,267 and Rs. 1,09,087 in the previous year. The net revenue was Rs. 97,082. The profit after paying interest charges was Rs. 30,523 which is 1.52 per cent on the capital outlay against 0.27 per cent in the previous year.

General.

22. The rainfall during the irrigation season was below normal, being only 23.88 inches against 36.41 inches, the average of the past 12 years. Pumping for seed beds was started on the 24th June. Transplantation was commenced on the 20th July and was completed by the 10th September. The floods in the river were normal and steady from 15th July to 15th August. This enabled transplantation to be started simultaneously throughout the delta. The irrigation season lasted for 154 days as against 163 in 1919-20 and 152 in 1918-19. Pumping was necessary for 134 days against 125 days in 1919-20. Owing to low floods there was no direct supply from the river during the season and on 20 days no supply was required for the ayacut on account of local rains.

No. 5. Penner River Canals System.

Capital outlay.

Works in progress.

23. The expenditure under the head amounted to Rs. 5,588, which was incurred on the following works :—

(1) *Providing surplus arrangements in Thotapalli-Gudur and Varakavipudi tanks*.—This work which had been held in abeyance owing to war conditions, was put in hand during the year and an expenditure of Rs. 2,899 was incurred against the estimate of Rs. 8,000. The work is expected to be completed during 1921-22.

(2) *Constructing two masonry sluices in the left bank of the southern channel at 2-6-192 and 3-1-15 miles*.—The work was started and completed during the year at a cost of Rs. 1,673 against the estimate of Rs. 1,710.

Working expenses.

24. The expenditure under 'Extensions and Improvements' and 'Maintenance and Repairs' was Rs. 6,612 and Rs. 1,22,582, respectively, against Rs. 4,078 and Rs. 69,641, the averages of the previous triennium. Many old works under the latter head were completed during the year. Hence the increase.

Area irrigated.

25. The area irrigated was as shown below :—

Crop.	Average of the triennium ending 1919-20.	During 1919-20.	During 1920-21.
First crop	ACS. 153,350	ACS. 154,132	ACS. 154,923
Second crop	41,722	46,148	15,962

The decrease under second crop was due to the unfavourable character of the season. The extent of indigo cultivation was 4,309 acres against 4,058 acres in the previous year.

26. The gross revenue after deducting the old irrigation revenue was Rupees 5,85,853 against Rs. 6,62,094 in the previous year and Rs. 6,40,512, the average of the previous triennium. The working expenses amounted to Rs. 1,50,184 against Rs. 1,08,811 in the previous year and Rs. 95,561, the average of the previous triennium. The profit after deducting interest charges came to Rs. 2,45,103, which represents a return of 3.64 per cent on the capital outlay against 5.32 per cent in the previous year and 5.35 per cent in 1918-19.

27. There were no high floods during the year. Owing to the absence of timely rains there was great difficulty in giving sufficient water to the crops.

No. 6. Kurnool-Cuddapah Canal.

28. 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 expenditure under the capital account during the year was Rs. 48,856 which was incurred chiefly on the following works :—

(1) *Improvements to the Penner anicut*.—The work was completed at a cost of Rs. 75,137 against the estimate of Rs. 1,00,000.

(2) *Chepad project*.—The outlay to the end of the year was Rs. 6,74,189 against the estimate of Rs. 7,19,169. The work is almost completed.

29. Under 'Extensions and Improvements' the expenditure was Rs. 11,441 against Rs. 8,118 in the previous year and Rs. 29,351, the average of the previous triennium. The outlay under 'Maintenance and Repairs' amounted to Rs. 93,489 against Rs. 69,464 in the previous year and Rs. 90,720, the average of the triennium ending 1919-20.

30. Particulars of navigation receipts and charges, ton-mileage and value of goods carried on the canal are given in statistical statement D-1.

31. The area irrigated was as shown below :—

Crop.	Average of the triennium ending 1919-20.	During 1919-20.	During 1920-21.
First crop	ACS. 64,960	ACS. 66,724	ACS. 52,968
Second crop	13,570	14,721	13,321

The increase under first crop shows that the canal water was more extensively used during the year, as the average rainfall was much less than in the previous year.

32. The gross revenue and working expenses amounted to Rs. 3,57,706 and Rs. 1,99,904 against Rs. 2,93,225 and Rs. 2,05,151, respectively, the averages of the previous triennium. The net revenue was Rs. 1,57,802 and this amount fell short of the interest paid during the year by Rs. 6,23,588. This deficit is 2.67 per cent of the capital outlay against 2.74 per cent in 1919-20 and 3.20 per cent in 1918-19.

No. 7. Barur Tank.

33. 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 this head was carried out during the year under review.

34. No outlay was incurred under 'Extensions and Improvements'. The expenditure under 'Maintenance and Repairs' was Rs. 3,785 against Rs. 4,065, the average of the previous triennium.

35. The area irrigated was as shown below :—

Crop.	Average of the triennium ending 1919-20.	During 1919-20.	During 1920-21.
First crop	ACS. 3,428	ACS. 3,730	ACS. 3,327
Second crop	1,529	2,226	576

The decrease under second crop was due to the unfavourable character of the season.

Financial results.

36. The gross revenue exclusive of that due to old irrigation amounted to Rs. 16,187 and the working expenses to Rs. 5,999. The net revenue was Rupees 10,188 which is Rs. 3,757 less than the interest paid during the year. This deficit is 0.84 per cent on the capital outlay against 0.45 per cent in the previous year and 3.38 per cent in 1918-19.

General.

37. The highest flood of the year in the Ponnai was 0.60 foot over the crest of the Nedungal anicut on the 1st September 1920 against the maximum recorded flood of 11.78 feet in 1903. The rainfall during the year was 27.89 inches or over 6 inches short of the average of the previous triennium.

No. 8. Poiney Anicut System.

Capital outlay.

38. The expenditure under the head amounted to Rs. 14,839 which was incurred mainly on 'fitting up the Poiney eastern channel head sluice with lift shutters'. The outlay on the work to the end of the year was Rs. 7,590 against the estimate of Rs. 26,000.

Working expenses.

39. The outlay under 'Extensions and Improvements' was Rs. 1,867 and under 'Maintenance and Repairs' Rs. 12,731 against Rs. 2,452 and Rs. 11,206, respectively, the averages of the previous triennium.

Area irrigated.

40. The area irrigated was as shown below :—

Crop.	Average of the triennium ending 1919-20.	During 1919-20.	During 1920-21.
First crop	ACS. 20,393	ACS. 22,522	ACS. 21,408
Second crop	6,038	9,031	5,923

The decrease was due to inadequate rainfall. The extent of sugarcane cultivation was 45 acres against 74 acres in the previous year.

Financial results.

41. The gross revenue and working expenses amounted to Rs. 67,192 and Rs. 20,311, respectively, against Rs. 49,851 and Rs. 18,632, the averages of the previous triennium. The net revenue of the year was Rs. 46,881. The profit after paying interest charges was Rs. 37,595 which is 13.47 per cent on the capital outlay against 19.86 per cent in the previous year.

General.

42. There was no flood in the Poiney river during the year and water did not pass over the crest of the anicut. The rainfall during the year was also insufficient and the season was on the whole not very favourable for irrigation.

No. 9. Cheyyar Anicut System.

Capital outlay.

43. The capital outlay amounted to Rs. 29,871, and this was incurred on 'Improvements to the Molagripatti and Kadagampundi tanks'. The expenditure on the work to the end of the year was Rs. 22,152 against the estimate of Rs. 38,060.

Working expenses.

44. The expenditure under 'Extensions and Improvements' and 'Maintenance and Repairs' was Rs. 4,702 and Rs. 23,256, respectively, against Rs. 5,521 and Rs. 33,843, the averages of the previous triennium.

Area irrigated.

45. The area irrigated was as shown below :—

Crop.	Average of the triennium ending 1919-20.	During 1919-20.	During 1920-21.
First crop	ACS. 20,409	ACS. 20,976	ACS. 21,501
Second crop	10,706	15,040	14,808

The extent of sugarcane cultivation was 24 acres as in the previous year.

Financial results.

46. The gross revenue and working expenses amounted to Rs. 79,716 and Rs. 40,563, respectively. The profit after deducting interest charges was Rs. 24,109 equivalent to a return of 5.13 per cent on the capital outlay against 1.67 per cent in the previous year.

47. The highest flood for the year occurred on the 26th November 1920, when 3.50 feet of water passed over the crest of the anicut, against the recorded maximum of 12.90 feet on the 31st December 1903. The rainfall was below the average of the previous year.

No. 10. Tirukkoyilur Anicut System.

48. No expenditure was incurred under this head.

49. The outlay under 'Extensions and Improvements' was Rs. 130 and under 'Maintenance and Repairs' Rs. 8,572 against Rs. 1,122 and Rs. 15,840, respectively, the averages of the triennium ending 1919-20. Heavy expenditure was incurred in previous years in repairing the damage caused by the cyclone of November 1916.

50. The area irrigated was as shown below :—

Crop.	Average of the triennium ending 1919-20.	During 1919-20.	During 1920-21.
First crop	ACS. 25,259	ACS. 25,133	ACS. 27,196
Second crop	4,841	3,201	6,706

The extent of sugarcane cultivation was 5 acres against 795 acres in 1919-20. It is stated that the ryots preferred food-crops to sugarcane. Hence the decrease.

51. The gross revenue and working expenses amounted to Rs. 81,266 and Rs. 9,590, respectively. The profit after deducting interest charges was Rs. 59,481, equivalent to a return of 15.82 per cent on the capital outlay against 7.54 per cent in the previous year and 0.40 per cent in 1918-19.

52. The highest flood during the year was 5.40 feet over the crest of the anicut on the 25th November 1920 against the recorded maximum of 11.70 feet on the 31st December 1903. The rainfall was slightly below the average of the previous year. The season was favourable for irrigation.

No. 11. Shatlatope Anicut System.

53. There was no outlay under this head.

54. The expenditure under 'Extensions and Improvements' and 'Maintenance and Repairs' was Rs. 16 and Rs. 13,116 against Rs. 746 and Rs. 17,054, respectively, the averages of the triennium ending 1919-20.

55. The area irrigated was as follows :—

Crop.	Average of the triennium ending 1919-20.	During 1919-20.	During 1920-21.
First crop	ACS. 30,708	ACS. 30,374	ACS. 31,061
Second crop	4,788	3,775	5,859

56. The gross revenue and working expenses amounted to Rs. 1,19,555 and Rs. 22,956, respectively. The profit after paying interest charges was Rs. 66,165, which is 6.80 per cent on the capital outlay against 5.18 per cent in the previous year and 6.15 per cent in 1918-19.

57. The river Vellar spilled largely during the high floods of November 1920, damaged several irrigation works in the system and flooded the lands for a short period, which, however, did not damage the crops. The highest flood level during the year was 15.03 feet over the crest of the anicut on the 25th November 1920 against the recorded maximum of 19.50 feet in 1880. The rainfall was comparatively very heavy this year and the season was favourable for irrigation.

No. 12. Lower Coleroon Anicut System.

58. No expenditure was incurred under this head.

Working
expenses.

59. (a) *Extensions and Improvements.*—There was a minus outlay of Rs. 31 against the expenditure of Rs. 3,348 in the previous year and Rs. 1,553 in 1918-19.

(b) *Maintenance and Repairs.*—The expenditure amounted to Rs. 58,022 against Rs. 56,732 in the previous year and Rs. 59,472, the average of the triennium ending 1919-20.

Area
irrigated.

60. The area irrigated compares as shown below :—

Crop.				Average of the triennium ending 1919-20.	During 1919-20.	During 1920-21.
First crop	..	..	..	ACS. 108,845	ACS. 108,666	ACS. 103,505
Second crop	..	..	..	6,681	9,171	7,611

The extent of sugarcane cultivation was 129 acres against 83 acres in the previous year.

Financial
results.

61. The gross revenue and working expenses amounted to Rs. 3,15,662 and Rs. 90,635, respectively, against Rs. 3,05,032 and Rs. 97,944, the averages of the triennium ending 1919-20. The profit after deducting interest charges was Rs. 1,62,757, equivalent to a return of 8.38 per cent on the capital outlay against 8.10 per cent in the previous year and 6.03 per cent in 1918-19.

General.

62. The maximum flood level at the Lower Anicut at the north and south branches was 14.3 feet and 14.5 feet respectively on the 26th November 1920 against the recorded maximum of 17.10 feet in 1896. The rainfall was very heavy and the season favourable. The wing wall of the South Rajan head sluice and the wall of the Kondappan Cauvery aqueduct collapsed during the heavy rains of November 1920.

No. 13. Toludur Project.

Project
under con-
struction.

63. Details regarding this project are given under paragraph 4 of chapter I.

No. 14. Cauvery Delta System.

Capital
outlay.
Works in
progress.

64. The capital outlay amounted to Rs. 1,06,980 which was incurred chiefly on the following works :—

(1) *Improvements to the Sithianaiperumal drain (estimate Rs. 13,800).*—The outlay to the end of the year was Rs. 8,052. The work was commenced in 1919-20 and is expected to be completed in 1921-22.

(2) *Constructing a regulator across the Idyar below the South Idyar offtake (estimate Rs. 6,560).*—The expenditure to the end of the year was Rs. 5,602. The work was nearing completion.

(3) *Converting the Kanjivai dam across the Nandalar into a regulator.*—The outlay to the end of the year was Rs. 6,756 against the estimate of Rs. 7,360. The work was started in 1919-20 and is expected to be completed in 1921-22.

(4) *Improvements to Lawford's straight cut.*—The outlay during the year was Rs. 36,785 and to the end of the year Rs. 41,877 against the estimate of Rs. 1,80,000. The work was started in 1919-20 and is expected to be completed in 1922-23.

(5) *Constructing a regulator across the Korayar in Veeranvoiyal limits (estimate Rs. 55,300).*—The work was started during the year and the outlay was Rs. 3,751.

(6) *Improvements to the Pokku voikal (estimate Rs. 13,800).*—The work was started during the year and the outlay was Rs. 5,132.

(7) *Improvements to the Vettar lower reach (estimate Rs. 8,700).*—The work was started during the year and the outlay was Rs. 416.

Working
expenses.

65. (a) *Extensions and Improvements.*—The outlay was Rs. 18,761 against Rs. 25,358 in 1919-20 and Rs. 20,712, the average of the previous triennium.

(b) *Maintenance and Repairs.*—The expenditure was Rs. 2,63,801 against Rs. 2,84,752 in the previous year and Rs. 1,91,676, the average of the triennium ending 1919-20. The increase was due chiefly to the closing of breaches caused by the abnormally heavy rains in November 1920 and January 1921.

66. The area irrigated was as shown below :—

Area
irrigated.

Crop.				Average of the triennium ending 1919-20.	During 1919-20.	During 1920-21.
First crop	..	..	..	ACS. 876,456	ACS. 846,433	ACS. 897,487
Second crop	..	..	..	92,879	108,911	100,625

The extent of sugarcane cultivation was 466 acres against 399 acres in the previous year.

67. The gross revenue exclusive of that due to old irrigation was Rs. 11,14,748 against Rs. 10,57,290 in 1919-20 and Rs. 8,98,872, the average of the previous triennium. The working expenses amounted to Rs. 3,18,919, against Rs. 2,76,187 in the previous year and Rs. 2,11,782, the average of the triennium ending 1919-20. The net revenue of the year was Rs. 7,95,829 against Rs. 6,87,039, the average of the previous triennium. The profit after deducting interest charges amounted to Rs. 6,49,676 which is 14.27 per cent on the capital outlay, against 14.26 per cent in 1919-20 and 7.17 per cent in 1918-19.

Financial
results.

68. There were heavy floods in the Cauvery as already mentioned in paragraph 14 of Chapter I above.

General.

No. 15. Periyar System.

69. The expenditure under this head amounted to Rs. 2,050, which was incurred on four small works.

Capital
outlay.

70. (a) *Extensions and improvements.*—The expenditure amounted to Rs. 3,806 against Rs. 5,898 in the previous year and Rs. 4,982, the average of the triennium ending 1919-20.

Working
expenses.

(b) *Maintenance and repairs.*—The outlay was Rs. 1,12,558 against Rs. 1,07,916 in 1919-20 and Rs. 98,440 the average of the previous triennium. The increase was due to the payment of increased salaries to the members of the 'works' establishment and to the maintenance of some of the tanks in the Suriliyar valley, which were hitherto charged to class III. The amount included Rs. 42,965, the rent paid annually to the Travancore Darbar for the land occupied by the Periyar lake.

71. The area irrigated was as shown below :—

Area
irrigated.

Crop.				Average of the triennium ending 1919-20.	During 1919-20.	During 1920-21.
First crop	..	..	..	ACS. 128,683	ACS. 128,767	ACS. 129,712
Second crop	..	..	..	46,709	50,821	49,694

72. The gross revenue excluding that due to old irrigation amounted to Rs. 8,02,888 and the working expenses to Rs. 1,79,339. The net revenue was thus Rs. 6,23,549, against Rs. 5,94,760 in the previous year and Rs. 5,55,041, the average of the triennium ending 1919-20. The profit after deducting interest charges was Rs. 2,80,418, which is 2.63 per cent on the capital outlay against 2.28 per cent in 1919-20 and 2.32 per cent in 1918-19.

Financial
results.

73. The rainfall was adequate for agricultural purposes, being 3.99 inches in excess of the triennial average. The heavy rains of November 1920 and January 1921, however, caused some damage to the standing crops. The highest flood during the year in the Vaigai at Peranai was recorded on the 24th November 1920. The front reading at the regulator with nine shutters opened 6½ feet each was 9.00 feet and rear reading 8.50 feet.

General.

The highest level in the Periyar lake was 152.26 on the 25th July 1920. The head sluice was opened for irrigation at lake level 143.05 feet on the 13th June 1920 and closed on the 13th March 1921. The ryots' request to keep the head sluice open after that date was not granted, as the urgent work of removing the loose stones in the Periyar tunnel had to be put in hand.

No. 16, Srivaikuntam Anicut System.**Capital outlay.**

74. The capital outlay during the year amounted to Rs. 1,093, which was incurred on "Improvements to the Athur and Kiranur tanks and supply channel." The outlay to the end of the year was Rs. 56,781, against the estimate of Rs. 58,000. The work is expected to be completed in 1921-22.

Working expenses.

75. The expenditure under "Extensions and Improvements" and "Maintenance and Repairs" amounted to Rs. 3,272 and Rs. 15,570 respectively, against Rs. 543 and Rs. 20,561, the averages of the previous triennium.

Area irrigated.

76. The area irrigated was as shown below :—

Crop.		Average of the triennium ending 1919-20.	During 1919-20.	During 1920-21.
First crop		ACS. 25,088	ACS. 25,032	ACS. 25,278
Second crop		20,180	20,065	18,255

Financial results.

77. The gross revenue and working expenses amounted to Rs. 1,54,839 and Rs. 28,420 respectively, against Rs. 1,52,626 and Rs. 32,384, the averages of the triennium ending 1919-20. The net revenue for the year amounted to Rs. 1,26,419 against Rs. 1,20,242, the average of the previous triennium. The profit after deducting interest charges was Rs. 70,416, representing a return of 3.99 per cent on the capital outlay, against 4.21 per cent in 1919-20 and 3.76 per cent in 1918-19.

General.

78. The rainfall was above the average. The highest flood in the Tambraparni was recorded on the 24th November 1920, the depth over the Srivaikuntam anicut crest being 8.80 feet. The highest recorded depth was 12.50 feet on the 4th December 1914.

PROTECTIVE WORKS.**No. 17, Rushikulya System.****Capital outlay.**

79. The capital outlay during the year amounted to Rs. 3,495 which was incurred chiefly on the following works :—

(1) *Constructing a masonry drop at the tail end of No. 16 distributary* (estimate Rs. 6,200).—The work was put in hand during the year and the outlay was Rs. 809.

(2) *Excavating a minor distributary from No. 1 distributary of the Mahanadi canal.*—The outlay to the end of the year was Rs. 2,988 against the estimate of Rs. 3,560. The work is expected to be completed in 1921-22.

Working expenses.

80. The expenditure under "Extensions and Improvements" and "Maintenance and Repairs" was Rs. 3,716 and Rs. 41,931 respectively, against Rs. 1,150 and Rs. 34,725 in the previous year and Rs. 2,475 and Rs. 39,846, the averages of the triennium ending 1919-20.

Area irrigated.

81. The area irrigated was as shown below :—

Crop.		Average of the triennium ending 1919-20.	During 1919-20.	During 1920-21.
First crop		ACS. 105,426	ACS. 105,817	ACS. 106,104
Second crop		2,317	3,202	1,957

The extent of sugarcane cultivation was 256 acres against 578 acres in 1919-20.

Financial results.

82. The gross revenue and working expenses, excluding those relating to old irrigation, amounted to Rs. 1,89,764 and Rs. 72,580 respectively. The net revenue, viz., Rs. 1,17,184 fell short of the interest paid during the year by Rs. 39,864. This deficit is 0.78 per cent of the capital outlay, against 0.84 per cent in 1919-20 and 1.03 per cent in 1918-19.

General.

83. The year under report, so far as rainfall is concerned, was one of the worst on record, the total average rainfall in the catchment being 38.13 inches against 71.11

inches in the previous year. There was, however, seasonable rain in October when it was badly needed. The reservoirs were almost full at the commencement of the season and as a result there were bumper crops on all canal-fed lands, while under rain-fed tanks, the crops were poor. The protection afforded by the reservoirs is now much appreciated even by those who refused to take supply in the past.

No. 18, Bhavanasi Tank.

84. No expenditure was incurred under this head.

Capital outlay.

85. The outlay under "Extensions and improvements" and "Maintenance and Repairs" amounted to Rs. 11 and Rs. 1,657 respectively, against Rs. 32 and Rupees 654 in the previous year.

Working expenses.

86. The area irrigated was 651 acres against 722 acres in 1919-20.

Area irrigated.

87. The revenue derived from the tank has not been reported by the Board of Revenue. The interest charges paid during the year were Rs. 9,627.

Financial results.**No. 19, Mopad Reservoir Project.**

88. Details regarding this project are given in paragraph 5 of Chapter I.

Project under construction.**No. 20, Venkatsapuram Tank.**

89. An expenditure of Rs. 2,833 was incurred on raising the bund of the tank.

Capital outlay.

90. The outlay under "Extensions and Improvements" and "Maintenance and Repairs" amounted to Rs. 16 and Rs. 385 respectively, against Rs. 258 under the latter head in the previous year.

Working expenses.

91. The area irrigated was 230 acres against 157 acres in 1919-20.

Area irrigated.

92. The revenue derived from the tank has not been reported by the Board of Revenue. The interest charges paid during the year were Rs. 12,778.

Financial results.**CHAPTER III—CLASS II—MINOR WORKS AND NAVIGATION FOR WHICH CAPITAL AND REVENUE ACCOUNTS ARE KEPT.****No. 21, Ganjam Minor Rivers System.**

1. The expenditure under the head amounted to Rs. 2,632 which was incurred chiefly on the construction of a surplus weir at 4 miles 5 furlongs 264 feet of the Garibulagedda channel. The work is in progress.

Capital outlay.

2. The outlay under "Extensions and improvements" and "Maintenance and Repairs" amounted to Rs. 1,604 and Rs. 10,761, respectively, against Rs. 714 and Rs. 13,070 in 1919-20.

Working expenses.

3. The area irrigated was 64,518 acres under first crop and 8,171 acres under second crop, against 63,634 acres and 7,250 acres respectively in the previous year. The extent of sugarcane cultivation was 380 acres against 316 acres in the previous year.

Area irrigated.

4. The gross revenue exclusive of that due to old irrigation amounted to Rs. 66,568 and the working expenses to Rs. 15,387. The net revenue, viz., Rs. 51,181, represents a return of 18.88 per cent on the capital outlay, against Rs. 34,584, or 12.99 per cent in 1919-20.

Financial results.**No. 22, Muniyuru System.**

5. No expenditure was incurred under this head.

Capital outlay.

6. The outlay under "Extensions and Improvements" was Rs. 37 and under "Maintenance and Repairs", Rs. 6,998, against Rs. 4,599 under the latter head in 1919-20.

Working expenses.

7. The area irrigated was 5,601 acres under first crop against 6,105 acres in the previous year.

Area irrigated.

Financial results. 8. The gross revenue and working expenses amounted to Rs. 19,925 and Rs. 12,439, respectively. The net revenue was therefore Rs. 7,486 or 1.25 per cent of the capital outlay against Rs. 15,091 or 2.52 per cent in the previous year.

No. 23, Peddanayudu Tank of Chinnaraopalem.

Capital outlay. 9. There was no outlay under this head.

Working expenses. 10. An expenditure of Rs. 100 was incurred under "Maintenance and Repairs", against Rs. 57 in the previous year.

Area irrigated. 11. The area irrigated was 121 acres under first crop against 116 acres in the preceding year.

Financial results. 12. The net revenue after deducting working expenses amounted to Rs. 1,172 or 1.85 per cent of the capital outlay against Rs. 998 or 1.57 per cent in 1919-20.

No. 24, Bhrugubhanda Project.

Project in abeyance. 13. The work has been ordered to be taken up only when necessity for famine relief arises and has therefore not been commenced.

No. 25, Jangamaheswarapuram Tank.

Capital outlay. 14. There was no expenditure under this head.

Working expenses. 15. The outlay under "Extensions and Improvements" was Rs. 334 and under "Maintenance and Repairs" Rs. 332 against Rs. 594 under the latter head in 1919-20.

Area irrigated. 16. The area irrigated was 754 acres under first crop and 5 acres under second crop, against 829 acres and 45 acres respectively in the previous year.

Financial results. 17. The net revenue after deducting working expenses amounted to Rs. 159 or 0.22 per cent on the capital outlay against Rs. 444 or 0.62 per cent in 1919-20.

No. 26, Atmakur Tank.

Capital outlay. 18. There was no expenditure under this head.

Working expenses. 19. The outlay under "Maintenance and Repairs" amounted to Rs. 361 against Rs. 204 in 1919-20.

Area irrigated. 20. The area irrigated was 761 acres under first crop and 188 acres under second crop, against 762 acres and 134 acres respectively in the previous year.

Financial results. 21. The net revenue after deducting working expenses was Rs. 2,678, representing a return of 2.17 per cent on the capital outlay, against Rs. 2,742 or 2.22 per cent in 1919-20.

No. 27, Dondapad Tank.

Capital outlay. 22. No expenditure was incurred under this head.

Working expenses. 23. An outlay of Rs. 405 was incurred under "Maintenance and Repairs."

Area irrigated. 24. The area irrigated was 237 acres under first crop against 93 acres in the previous year.

Financial results. 25. The net revenue after deducting working expenses amounted to Rs. 213 or 0.15 per cent on the capital outlay against Rs. 277 or 0.19 per cent in 1919-20.

No. 28, Hajipuram Tank.

Capital outlay. 26. There was no outlay under this head.

Working expenses. 27. An expenditure of Rs. 1,304 was incurred under "Maintenance and Repairs."

Area irrigated. 28. The area irrigated was 571 acres under first crop against 691 acres first crop and 290 acres second crop in the previous year. There was no second crop cultivation under the tank during the year owing to the failure of supply during the season.

29. The net revenue amounted to Rs. 64 or 0.02 per cent on the capital outlay against Rs. 4,033 or 1.29 per cent in 1919-20. **Financial results.**

No. 29, Ponnalur Tank.

30. No expenditure was incurred under this head. **Capital outlay.**

31. The expenditure under "Maintenance and Repairs" was Rs. 2,249 against Rs. 1,038 in the previous year. **Working expenses.**

32. The area irrigated was 722 acres first crop and 231 acres second crop against 720 acres and 231 acres, respectively, in 1919-20. **Area irrigated.**

33. The net revenue amounted to Rs. 1,602 which is 0.74 per cent on the capital outlay, against Rs. 3,093 or 1.43 per cent in the previous year. **Financial results.**

No. 30, Anamasamudram-Beraperu Tank.

34. There was no expenditure under these heads. **Capital outlay and working expenses.**

35. The area irrigated was 1,006 acres first crop and 2 acres second crop, against 1,006 acres and 294 acres respectively in the previous year. The decrease under second crop was due to the unfavourable character of the season. **Area irrigated.**

36. The net revenue amounted to Rs. 1,546, which is 2.10 per cent on the capital outlay, against Rs. 2,175 or 2.95 per cent in 1919-20. **Financial results.**

No. 31, Yerur Tank.

37. No expenditure was incurred under this head. **Capital outlay.**

38. The expenditure under "Maintenance and Repairs" was Rs. 3,519 against Rs. 3,507 in 1919-20. **Working expenses.**

39. The area irrigated was 1,555 acres first crop against 1,512 acres in the previous year. **Area irrigated.**

40. There was a deficit of Rs. 603 or 0.95 per cent of the capital outlay, against Rs. 660 or 1.04 per cent in 1919-20. **Financial results.**

No. 32, Sagileru System.

41. There was no outlay under this head. **Capital outlay.**

42. The outlay under "Extensions and Improvements" was Rs. 385 and under "Maintenance and Repairs" Rs. 3,285 against Rs. 3,227 under the latter head in 1919-20. **Working expenses.**

43. The area irrigated was 3,653 acres first crop and 136 acres second crop, against 4,179 and 1,493 acres respectively in the previous year. The decrease was due to the unfavourable character of the season. **Area irrigated.**

44. There was a deficit of Rs. 8,899 or 1.92 per cent of the capital outlay, against Rs. 514 or 0.11 per cent in the 1919-20. **Financial results.**

No. 33, Nagavaram Anicut and Supply Channel.

45. No expenditure was incurred under these heads. **Capital outlay and working expenses.**

46. The area irrigated was 618 acres first crop and 399 acres second crop, against 615 and 459 acres respectively in 1919-20. **Area irrigated.**

47. The net revenue amounted to Rs. 1,584 which is 1.44 per cent on the capital outlay. **Financial results.**

No. 34, Kocheruvu Tank.

48. There was no capital outlay during the year, but the capital account of the system was credited with a sum of Rs. 50. **Capital outlay.**

Working expenses.	49. The expenditure under 'Maintenance and Repairs' amounted to Rs. 267, against Rs. 3,651 in 1919-20. There was no outlay under 'Extensions and Improvements'.
Area irrigated.	50. The area irrigated was 11 acres against 100 acres in the previous year. The decrease was due to poor rainfall.
Financial results.	51. The revenue has not been reported by the Board of Revenue. The gross working expenses amounted to Rs. 480.

No. 35, Siddapur Tank.

Progress of work and Capital outlay.	52. The work done during the year consisted of the construction of a tail drop at Om 14 feet, a culvert at Om 174 feet of the left bank channel and fixing mile and furlong stones. The expenditure on the project to the end of the year was Rupees 8,10,649 against the estimate of Rs. 9,48,600.
Working expenses.	53. The outlay under 'Extensions and Improvements' was Rs. 208 and under 'Maintenance and Repairs' Rs. 666 against Rs. 456 under the latter head in 1919-20.
Area irrigated.	54. The tank received no supply during the year and hence no wet cultivation was attempted. The reasons for the failure of the project were being enquired into.

No. 36, Cumbum Tank.

Capital outlay.	55. There was no expenditure under this head.
Working expenses.	56. The outlay under 'Extensions and Improvements' and 'Maintenance and Repairs' amounted to Rs. 61 and Rs. 717 respectively, against Rs. 1,174 and Rupees 1,282 in the previous year.
Area irrigated.	57. The area irrigated was 5,535 acres first crop and 151 acres second crop, against 5,614 acres and 3,305 acres respectively in 1919-20. The decrease was due to the unfavourable character of the season. The extent of sugarcane cultivation was 67 acres against 152 acres in the previous year.
Financial results.	58. There was a deficit of Rs. 19,327 or 23.07 per cent of the capital outlay, against a net revenue of Rs. 3,251 or 3.76 per cent in 1919-20.

No. 37, Markapur Tank.

Capital outlay.	59. No expenditure was incurred under this head.
Working expenses.	60. The outlay under 'Extensions and Improvements' and 'Maintenance and Repairs' amounted to Rs. 294 and Rs. 984 respectively, against Rs. 183 and Rs. 719 in 1919-20.
Area irrigated.	61. The area irrigated was 1,377 acres first crop and 72 acres second crop, against 1,546 acres and 536 acres respectively in the previous year. The decrease was due to the unfavourable character of the season.
Financial results.	62. The net revenue amounted to Rs. 529 or 0.44 per cent on the capital outlay against Rs. 2,652 or 2.19 per cent in 1919-20.

No. 38, Yellanur Tank.

Capital outlay.	63. A small sum of Rs. 42 was spent under this head.
Working expenses.	64. The expenditure under 'Extensions and Improvements' and 'Maintenance and Repairs' was Rs. 6 and Rs. 150, against Rs. 13 and Rs. 242 respectively in 1919-20.
Area irrigated.	65. The area irrigated was 1,199 acres first crop and 11 acres second crop, against 219 acres and 205 acres respectively in the previous year.
Financial results.	66. The net revenue was Rs. 1,856 or 0.69 per cent on the capital outlay, against a deficit of Rs. 462 or 0.17 per cent in 1919-20.

No. 39, Arkenkota Channel.

Capital outlay.	67. There was no outlay under this head.
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68. No expenditure was incurred under 'Extensions and Improvements'. Working expenses. The outlay under 'Maintenance and Repairs' was Rs. 4,855 against Rs. 4,410 in 1919-20.

69. The area irrigated was 4,547 acres first crop and 399 acres second crop, against 4,545 acres and 519 acres respectively in the previous year. Area irrigated.

70. The net revenue was Rs. 11,911 or 8.25 per cent on the capital outlay, against Rs. 13,750 or 9.52 per cent in 1919-20. Financial results.

No. 40, Thadapalli Channel.

Capital outlay.	71. No expenditure was incurred under this head.
Working expenses.	72. The expenditure under 'Extensions and Improvements' and 'Maintenance and Repairs' was Rs. 186 and Rs. 11,002, against Rs. 3 and Rs. 11,163 respectively in the previous year.
Area irrigated.	73. The area irrigated was 15,083 acres first crop and 1,937 acres second crop, against 15,168 acres and 1,879 acres respectively in 1919-20.
Financial results.	74. The net revenue due to improvements was Rs. 55,880 or 31.79 per cent on the capital outlay, against Rs. 54,271 or 31.12 per cent in the previous year.

No. 41, Kalingarayan Channel.

Capital outlay.	75. There was no expenditure under this head.
Working expenses.	76. The expenditure under 'Extensions and Improvements' was Rs. 520 and under 'Maintenance and Repairs' Rs. 12,003 against Rs. 467 and Rs. 11,618 respectively in 1919-20.
Area irrigated.	77. The area irrigated was 12,030 acres first crop and 10,455 acres second crop, against 11,996 acres and 10,288 acres respectively in the previous year.
Financial results.	78. The net revenue amounted to Rs. 29,916 or 16.58 per cent on the capital outlay against Rs. 23,496 or 15.90 per cent in 1919-20.

No. 42, Kaniyampalayam Anicut Project.

Project under construction.	79. Details regarding this project are given in paragraph 6 of Chapter I.
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No. 43, Palar Anicut System.

Capital outlay.	80. The expenditure under this head amounted to Rs. 4,918, which was incurred on the following works:—
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(i) *Constructing a wooden bridge over the Kambakal head weir.*—The work was started during the year under an estimate of Rs. 2,350 and the outlay was Rs. 676. It will be completed in 1921-22. Works in progress.

(ii) *Improvements to the No. 2 of the Damal tank.*—An outlay of Rs. 1,105 was incurred during the year against the estimate of Rs. 1,130. The work was practically completed.

(iii) *Improvements to the Ariaperumbakkam tank.*—The work was completed at a cost of Rs. 1,365 against the estimate of Rs. 1,340.

81. The expenditure under 'Extensions and Improvements' was Rs. 7,423 and under 'Maintenance and Repairs' Rs. 34,426 against Rs. 7,967 and Rs. 47,838, respectively, in the previous year and Rs. 8,332 and Rs. 50,656, the averages of the triennium ending 1919-20. Working expenses.

82. The area irrigated was 81,425 acres first crop and 36,558 acres second crop, against 80,764 acres and 38,619 acres, respectively, in 1919-20. Area irrigated.

83. The net revenue was Rs. 1,96,904 or 8.03 per cent of the capital outlay, against Rs. 1,71,548 or 7.01 per cent in the previous year. Financial results.

84. There were no floods during the year and water did not pass over the crest of the anicut. The rainfall was below the average of the previous year and the season was not very favourable for irrigation. General.

No. 44, Valluru Anicut System.**Capital outlay.****Working expenses.****Area irrigated.****Financial results.**

85. There was no expenditure under this head.

86. No outlay was incurred under 'Extensions and Improvements.' The expenditure under 'Maintenance and repairs' was Rs. 5,257 against Rs. 905 in 1919-20. The increase was due to the acquisition of land required for repairs to the Kortalliar left flood bank below the Valluru anicut.

87. The area irrigated was 5,195 acres first crop and 270 acres second crop, against 5,241 acres and 575 acres, respectively in the previous year. The decrease was due to the absence of timely rainfall.

88. There was a deficit of Rs. 957 or 1.25 per cent of the capital outlay, against a net revenue of Rs. 4,388 or 5.75 per cent in 1919-20.

No. 45, Madras Water-supply and Irrigation System.**Capital outlay.****Works in progress.****Working expenses.****Area irrigated.****Financial results.**

89. The expenditure under the head was Rs. 21,674 and was incurred on the following works:—

(i) *Improvements to the high level weir of the Red Hills tank.*—The work was completed at a cost of Rs. 13,094 against the estimate of Rs. 12,700.(ii) *Constructing foot bridges in rear of the high level weir of the Red Hills tank.*—The work was completed at a cost of Rs. 2,295 against the estimate of Rs. 2,829.(iii) *Providing a puddle apron in front of the Tamiraparani anicut.*—The work was completed at a cost of Rs. 10,114 against the estimate of Rs. 10,280.

90. The outlay under 'Extensions and Improvements' and 'Maintenance and Repairs' amounted to Rs. 1,553 and Rs. 16,598 respectively, against Rs. 960 and Rs. 19,562 in 1919-20.

91. The area irrigated was 7,517 acres first crop and 4,069 acres second crop, against 7,484 acres and 4,065 acres respectively in the previous year.

92. The net revenue amounted to Rs. 35,437 equivalent to a return of 1.95 per cent on the capital outlay, as compared with Rs. 28,919 or 1.56 per cent in 1919-20. The miscellaneous revenue including that from the water supply to the town, amounted to Rs. 35,613 against Rs. 29,494 in the previous year.

No. 46, Chembrambakkam Tank.**Capital outlay.****Working expenses.****Area irrigated.****Financial results.**

93. The expenditure under the head was Rs. 2,157 which was incurred on the work of constructing quarters for one Anicut Superintendent and two lascars at Korathur anicut.

94. The outlay under 'Extensions and Improvements' and 'Maintenance and Repairs' amounted to Rs. 2,546 and Rs. 5,849, respectively, against Rs. 4,205 and Rs. 7,181 in 1919-20 and Rs. 2,233 and Rs. 9,152 the averages of the previous triennium.

95. The area irrigated was 13,323 acres first crop and 9,437 acres second crop, against 13,271 acres and 4,141 acres respectively in 1919-20.

96. The net revenue amounted to Rs. 53,512, or 7.02 per cent on the capital outlay, against Rs. 35,042 or 4.61 per cent in the previous year.

No. 47, Mohamatur Anicut System.**Capital outlay.****Working expenses.****Area irrigated.****Financial results.**

97. The expenditure under the head was Rs. 1,849, which was incurred on 'constructing a surplus weir in the Alichigudi tank.' The work was completed at a cost of Rs. 1,560 against the estimate of Rs. 1,700.

98. The outlay under 'Extensions and Improvements' was Rs. 302 and under 'Maintenance and Repairs', Rs. 1,478, against Rs. 1,388 under the latter head in 1919-20.

99. The area irrigated was 4,489 acres first crop and 310 acres second crop against 4,403 acres and 394 acres, respectively in the previous year.

100. The net revenue was Rs. 13,721 which is 18.42 per cent on the capital outlay, against Rs. 13,945 or 19.19 per cent in the previous year.

101. The highest flood was on the 26th November 1920 when it rose to 9.00 feet over the crest of the anicut, against the highest recorded level of 7.50 feet on the 2nd January 1920. On account of the spills the country on the right side was flooded heavily and caused several tanks to breach. The breaches were protected by ring bunds and the standing crops saved.

No. 48, Vriddhachalam Anicut System.

102. No expenditure was incurred under this head.

103. The outlay under 'Extensions and improvements' was Rs. 648 and under 'Maintenance and repairs' Rs. 3,039, against Rs. 2,980 under the latter head in 1919-20.

104. The area irrigated was 8,501 acres first crop and 404 acres second crop against 8,216 acres and 426 acres, respectively, in the previous year.

105. The net revenue amounted to Rs. 19,330, which is 22.30 per cent of the capital outlay, against Rs. 19,397 or 22.38 per cent in the previous year.

106. The highest flood level was 10.00 feet on the 26th November 1920, the maximum recorded level being 13.25 feet on the 10th November 1913. There were some breaches in both the north and south main channels, which were promptly closed.

No. 49, Pelandorai Anicut System.

107. There was no outlay under this head.

108. The expenditure under 'Extensions and improvements' and 'Maintenance and repairs' amounted to Rs. 1,087 and Rs. 10,720 respectively, against Rs. 3,488 and Rs. 9,689 in the previous year.

109. The area irrigated was 12,227 acres first crop and 587 acres second crop against 11,656 acres and 541 acres respectively in 1919-20. The extent of sugarcane cultivation was 95 acres against 38 acres in the previous year.

110. The net revenue amounted to Rs. 25,297, which represents a return of 3.66 per cent on the capital outlay, against Rs. 22,482 or 3.24 per cent in 1919-20.

111. The highest flood level was 13.80 feet over the crest of the anicut on the 25th November 1920, against the maximum of 22.50 feet recorded on the 10th November 1913. The season was favourable as there was a good supply of water.

No. 50, Nandyar Channel System.

112. No expenditure was incurred under this head.

113. The outlay under 'Maintenance and repairs' was Rs. 2,743 against Rs. 1,767 in 1919-20. There was no expenditure under 'Extensions and improvements'.

114. The area irrigated was 6,624 acres first crop and 2,735 acres second crop, against 6,537 acres and 2,989 acres respectively in the previous year.

115. The net revenue amounted to Rs. 7,462, which is 11.35 per cent of the capital outlay against Rs. 8,396, or 12.77 per cent in 1919-20.

No. 51, Panjapatti Reservoir Project.

116. With the exception of the two distributary channels the work was completed, the total expenditure on the project to the end of the year being Rs. 3,35,806 against the estimate of Rs. 4,04,600. The heavy rains of November 1920 brought a good supply of water into the reservoir, which surplused this year for the first time after construction. An extent of 426 acres of land was cultivated during the year against 240 acres in 1919-20. The revenue has not been reported by the Board of Revenue.

No. 52, Marudur Anicut System.

117. There was no outlay under this head.

118. The expenditure under 'Extensions and improvements' and 'Maintenance and repairs' amounted to Rs. 276 and Rs. 6,150 respectively, against Rs. 221 and Rs. 3,541 in the previous year.

Area irrigated. 119. The area irrigated was 17,458 acres first crop and 15,237 acres second crop against 17,422 acres and 15,057 acres respectively in 1919-20.

Financial results. 120. The net revenue was Rs. 89,402 representing a return of 172.57 per cent on the capital outlay against Rs. 90,042 or 173.81 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. 121. These projects have been sanctioned as famine-relief works, i.e., works to be undertaken only when necessity for relief measures arises.

No. 57, Chilka Lake Canal.

122. The canal is 8 miles long and is now in charge of the Salt Department.

No. 58, Ganjam-Gopalpur Canal.

123. The gross receipts amounted to Rs. 116 and the working expenses to Rs. 459. The canal therefore worked at a loss of Rs. 343, the average loss of the previous triennium being Rs. 89.

No. 59, Buckingham Canal.

Capital outlay. 124. The canal which is 262 miles long is intended solely for navigation. The capital expenditure amounted to Rs. 11,847, which was incurred on the following works:—

Works in progress. (1) *Improvements to the Buckingham canal from Adyar to Papancharadi.*—The work was completed at a cost of Rs. 28,924 against the estimate of Rs. 30,800.

(2) *Constructing a masonry outlet at 76¼ mile of the north Buckingham canal.*—The work was completed at a cost of Rs. 6,600 against the estimate of Rs. 6,850.

Working expenses. 125. (a) *Extensions and improvements.*—There was a *minus* outlay of Rs. 14,786 under the head against the expenditure of Rs. 7,778 in 1919-20. The *minus* expenditure was due to the credit realised by the transfer of the suction dredger constructed in 1917 to the Godavari Head Works division.

(b) *Maintenance and repairs.*—The expenditure was Rs. 2,00,588 against Rs. 1,86,489 in the previous year and Rs. 1,47,643, the average of the triennium ending 1919-20. The larger outlay was rendered necessary to keep the canal efficient for traffic.

Navigation. 126. The 'navigation receipts', 'ton-mileage' and 'number of passengers' carried compare as shown below with those of the previous year:—

	1920-21.	1919-20.
Receipts	Rs. 76,842	80,754
Ton-mileage	865,740	3,096,829
Value of goods	Rs. 58,95,130	1,55,76,699
Number of passengers	179,843	207,958

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

Financial results. 127. The gross receipts and working expenses are compared below with those for 1919-20 and the averages of the previous triennium:—

	Average of the triennium ending 1919-20.	During 1919-20.	During 1920-21.
	Rs.	Rs.	Rs.
Gross receipts	82,680	81,784	77,371
Working expenses	1,88,378	2,28,059	2,25,520
Net revenue	1,05,698	1,44,275	1,48,149

No. 60, Vedaranniyam Canal.

128. This canal is 34½ miles long and is maintained partly in the interests of salt traffic. The gross receipts amounted to Rs. 561 and the working expenses to Rs. 13,740. There was thus a loss of Rs. 13,179 to Government on the working of

the canal during the year against Rs. 7,520 in the previous year. Greater expenditure than in the previous year was incurred in clearing the canal of silt to allow cargo boats to navigate freely. There was also a fall in revenue owing to the diversion of salt traffic to the Tiruthurai-pundi-Vedaranniyam railway. The canal being valuable as a means of communication, the District Board contributes equally with Provincial funds towards its maintenance. The loss to the District Board in the maintenance of the canal during the year was Rs. 10,851 (receipts Rs. 561 and expenditure Rs. 11,412).

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 37,466 as shown in the table below:—

	Channels.	Tanks.	Other works.	Total.
Class III (a)	833	2,741	93	3,467
Do. (b)	5,851	24,988	3,360	33,999
Total	6,684	27,729	3,453	37,466

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 1920-21 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 Public Works officers.	Works in charge of Civil officers acting as Public Works disbursers.			
Original works	Rs. 2,65,498	Rs. 27,601	Rs. 9,822	Rs. 41,957	Rs. 3,34,878	
Repairs	5,96,237	4,837	23,060	2,08,038	3,58,982	11,31,154
Establishment	3,54,655	12,879	..	99,523	1,73,285	6,40,347
Tools and plant	7,182	575	..	1,491	3,738	12,986
Refunds of revenue	22	..	..	..	..	22
Total	12,13,594	45,892	32,882	3,51,014	5,36,005	21,79,387
Add outlay incurred by Civil officers on minor irrigation works.	..	..	..	..	..	7,75,618
Grand total	..	..	..	..	..	29,55,005

(ii)
Statement showing by districts the expenditure incurred by Civil officers acting as Public Works disbursers during 1920-21.

Districts.	Original works.	Repairs.	Total.
Collector of South Arcot	Rs.	Rs.	Rs.
Chittoor	1,219	5,205	5,205
Ganjām	5,577	4,370	9,947
North Arcot	858	4,095	4,953
Tinnevely	168	635	803
Salem	2,000	2,400	4,400
Madura	..	810	810
Kurnool	..	1,076	1,076
Cuddapah	..	730	730
Ramnad	..	2,000	2,000
Anantapur	..	1,739	1,739
Total	9,822	23,060	32,882

Progress
of works.

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

VIZAGAPATAM DIVISION.

(1) *Improvements to the Yedumulla dam across the Gokivadagedda.*—The outlay to the end of the year was Rs. 12,545 against the estimate of Rs. 29,140.

(2) *Improvements to the Sarugudagedda Kattu.*—The outlay to the end of the year was Rs. 5,220 against the estimate of Rs. 5,850. The work is expected to be completed in 1921-22.

GODAVARI NORTHERN DIVISION.

(3) *Restoration of the Venkatarreddi Dora tank.*—The work was completed at a cost of Rs. 14,118 against the estimate of Rs. 14,250.

(4) *Restoration of the Channa Gangaram tank.*—The outlay to the end of the year was Rs. 8,162 against the estimate of Rs. 13,800.

GUNTUR DIVISION.

(5) *Improvements to the Mukkalapad Sharakath tank.*—The outlay during the year was Rs. 442 and to the end of the year Rs. 17,292 against the estimate of Rs. 18,020. The work was completed.

(6) *Restoring the Panakala tank of Akkampet.*—The outlay during the year was Rs. 9,215 and to the end of the year Rs. 13,212 against the estimate of Rs. 17,700. The work is expected to be completed in 1921-22.

CUDDAPAH DIVISION.

(7) *Improvements to the weir of the Somireddipalle Raicheruvu.*—The outlay to the end of the year was Rs. 6,203 against the estimate of Rs. 7,500. The work is expected to be completed in 1921-22.

CHINGLEPUT DIVISION.

(8) *Improving the supply to the Kilianagar tank.*—The outlay to the end of the year was Rs. 9,895 against the estimate of Rs. 12,400. The work is expected to be completed in 1921-22.

NELLORE DIVISION.

(9) *Improvements to certain irrigation sources in Rapur village.*—The work was started during the year under an estimate of Rs. 23,220 and the outlay was Rs. 3,910.

TRICHINOPOLY DIVISION.

(10) *Improvements to the Nangavaram kattuvari.*—The outlay to the end of the year was Rs. 41,823 against the estimate of Rs. 55,873. The work is expected to be completed in 1921-22.

(11) *Improvements to the Ponneri channel.*—The outlay during the year was Rs. 48,550 and to the end of year Rs. 98,490 against the estimate of Rs. 2,22,000. The work was started in 1918-19 and is in progress.

TINNEVELLY DIVISION.

(12) *Improvements to the Vadamatayam channel.*—The outlay to the end of the year was Rs. 4,772 against the estimate of Rs. 9,040. The work is expected to be completed in 1921-22.

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

	1920-21. RS.	1919-20. RS.
Irrigation revenue	95,26,733	98,73,329
Receipts collected by Public Works Department	46,982	47,600
Total	95,73,715	99,20,929

Financial
results.

6. The net revenue of the year after meeting the charges amounted to Rs. 66,15,710 against Rs. 70,73,028 in 1919-20.

7. The progress made in the investigation and execution of Tank Restoration Scheme works is dealt with in paragraph 9 of chapter I. The following table shows by districts the work done during and up to the end of 1920-21 :—

The following statement showing the area investigated and the number and amount of estimates sanctioned during and up to the end of 1920-21 by districts.

Circles.	Districts.	Approximate area investigated in square miles		Number of estimates sanctioned		Amount of estimates sanctioned.	
		During the year 1920-21.	To the end of the year.	During the year 1920-21.	To the end of the year.	During the year 1920-21.	To the end of the year.
						RS.	RS.
I Circle	Godavari	317	1,365	101	669	90,592	5,76,044
	Vizagapatam	..	525	..	144	..	1,49,653
II Circle	Kistna	..	300	..	69	..	51,451
	Guntur	..	4,411	..	257	..	2,04,727
	Kurnool	..	7,648	..	340	..	3,33,862
III Circle	Cuddapah	156	4,193	23	1,187	73,406	9,28,121
	Bellary	763	9,935	29	160	45,430	1,66,975
	Anantapur	..	7,653	18	738	17,126	9,88,260
IV Circle	Coimbatore	..	8,097	..	149	..	3,10,079
	Salem	..	5,772	13	1,128	29,354	8,59,755
V Circle	Chingleput	15	2,011	30	1,726	71,705	23,75,129
	Nellore	..	7,300	..	474	..	6,13,994
VI Circle	Trichinopoly	160	3,304	18	343	37,061	7,36,530
	Madura	..	4,836	..	1,643	..	14,83,064
	Tinnevelly	..	1,742	12	782	16,150	9,93,411
	Ramanad	..	1,643	..	..	..	..
	North Arcot	23	4,444	65	1,884	32,545	21,82,220
VII Circle	South Arcot	..	575	2	546	8,205	12,93,760
	Chittoor	30	4,616	54	262	12,833	3,45,243
	Tanjore	..	1,140	..	610	..	7,94,940
	Total	1,469	81,611	355	13,111	4,51,596	1,53,88,218

CLASS IV.—AGRICULTURAL WORKS.

8. The receipts which were realized by the sale of plantations and produce of trees along river embankments amounted to Rs. 94,113 against Rs. 1,09,884 in the previous year.

9. The expenditure incurred amounted to Rs. 7,17,279, against Rs. 6,58,245 in 1919-20, as shown below :—

	1920-21. RS.	1919-20. RS.
Works	22,987	45,611
Repairs	4,53,506	3,94,744
Establishment	2,29,791	2,08,001
Tools and plant	6,234	9,065
Refunds of revenue	4,761	824
Total	7,17,279	6,58,245

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

THE GODAVARI RIVER.

(1) *Fixing permanent stations on the lankas of the Godavari river* (Revised estimate Rs. 21,950).—The work of fixing stations in all the lankas where the Government and Zamindari lands adjoin was completed at the end of the previous year at a cost of Rs. 11,856. The erections of stations in such of the Government lankas as are contiguous to Zamindari lankas was put in hand during the year and materials worth Rs. 2,444 obtained.

THE KISTNA RIVER.

(2) *Raising and strengthening the Kistna left flood bank from 37/0 to 43/0 mile.*—The outlay to the end of the year was Rs. 5,687 against the estimate of Rs. 7,340.

THE CAUVERY RIVER.

(3) *Improvements to the Cauvery right bank from the Pugalore channel head at 0/6 to 12/0 mile and from the Nerur channel head at 19/3 to 20/2.*—The outlay to the end of the year was Rs. 20,782 against the estimate of Rs. 1,06,600.

(4) *Protective works between 36 $\frac{3}{4}$ and 37 $\frac{1}{4}$ Bank Minor of the Cauvery right bank.*—The outlay to the end of the year was Rs. 12,997 against the estimate of Rs. 13,800. The work is expected to be completed in 1921-22.

Tank
Restoration
Scheme
works.Progress of
works.

Appendix I.

STATISTICAL STATEMENTS—(Prescribed by the Secretary of State).
A-I.—Statement of Canals in the Madras Presidency for the year 1920-1921.

Source of supply of water	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17
		Nagaravalli river system.	Godavari river system.	Kistna delta system.	Divi pumping system.	Pennar river system.	Kannool Cuddapah canal.	Ponney Cheyyar river system.	Chettyar Cheyyar river system.	Ponnaiyar river system.	Vellar river system.	Coleroon river system.	Canvey delta system.	Sivakuntam river system.	Ganjam minor river system.	Muniyappa project.	Sagilora system.
Minimum discharge of river .. per sec.	339	637,324	637,324	29	..	..	..	..	..	269,843	234,320	Not known.	..	..	..	..	..
Maximum discharge of main ..	618	13,165	13,165	13,284	715	8,392	2,400	3,870	1,242	1,271	860	..	44,030	1,860	Not known.	200	477
Maximum discharge during the ..	..	14,670	14,670	13,441	808	3,797	1,931	3,670	683	730	783	..	32,034	1,850	..	238,429	..
Average rainfall for the year. Inches.	28.46	28.57	28.57	26.00	23.88	23.84	..	30.55	39.80	57.84	77.79	77.38	50.87	33.42	30.90	26.32	..
Gross area commanded .. Acres.	49,920	1,367,300	1,367,300	1,360,400	100,000	268,300	383,016	42,650	29,431	54,835	1,38,092	168,528	1,700,023	80,000	84,000	14,471	33,576
Culturable area commanded ..	31,200	981,253	981,253	980,000	80,000	190,000	357,470	23,824	23,431	45,377	43,905	117,233	903,034	33,500	33,500	13,024	28,575
Area irrigable by complete ..	27,658	840,000	840,000	725,000	50,000	155,385	130,133	23,824	23,431	45,377	43,905	110,308	903,034	33,500	33,500	10,560	4,664
Area irrigable at present ..	26,000	745,929	745,929	735,243	40,000	147,374	122,890	22,453	22,453	30,954	31,625	107,929	900,924	23,514	59,906	10,000	4,664
Sanctioned estimate—	17,47,770	1,10,89,332	1,10,89,332	1,12,13,910	19,50,000	47,80,385	1,70,25,000	2,67,178	4,42,925	3,03,759	9,15,245	19,39,597	16,62,322	13,61,520	2,58,182	6,71,434	1,47,108
Direct charges ..	68,638	19,34,354	19,34,354	3,31,160	48,000	10,06,000	1,70,25,000	6,379	11,764	9,189	27,271	71,259	1,65,767	7,49,577	10,203	28,000	17,519
Indirect do. ..	2,93,217	1,11,38,952	1,11,38,952	1,22,43,710	3,93,817	22,85,418	..	..	..	..	..	..	..	..	..	..	..
Interest during construction ..	21,09,517	2,41,62,248	2,41,62,248	2,89,15,886	28,21,817	89,74,803	1,76,35,000	2,73,557	4,64,679	3,75,948	9,72,516	19,40,806	18,25,692	22,26,383	2,68,386	6,99,431	4,64,727
Total, Estimate ..	16,64,322	1,36,59,041	1,36,59,041	1,55,35,783	19,73,404	57,19,935	2,32,94,957	2,71,486	4,67,140	3,66,759	9,15,245	18,71,567	18,25,692	22,26,383	2,68,386	6,99,431	4,64,727
Expenditure to end of 1920-1921—	40,748	19,89,138	19,89,138	10,75,992	34,656	10,13,205	71,627	7,496	13,049	9,480	27,271	71,335	1,95,638	1,06,923	2,60,706	5,68,965	4,47,108
Direct charges ..	2,04,627	99,82,397	99,82,397	96,15,269	3,59,819	25,84,125	..	..	..	..	..	..	..	..	10,314	29,636	17,519
Indirect do. ..	18,99,696	2,56,80,576	2,56,80,576	2,82,87,044	23,18,079	93,17,265	2,33,66,484	2,73,175	4,70,180	3,75,948	9,72,516	19,40,806	18,25,692	22,26,383	2,68,386	6,99,431	4,64,727
Total, Expenditure ..	20,04,323	2,76,70,974	2,76,70,974	3,09,02,833	26,76,958	1,19,01,390	2,56,62,968	2,73,175	4,70,180	3,75,948	9,72,516	19,40,806	18,25,692	22,26,383	2,68,386	6,99,431	4,64,727
Works as now sanctioned—	23	511	511	349	50	304	413	55	21	57	3	194	1,507	28	119	264	12
Main canals, irrigation .. Miles.	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Branch canals do. ..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Distributaries ..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Of above—	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Navigable ..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Works completed at end of 1920-1921—	23	511	511	349	50	304	413	55	21	57	3	194	1,507	28	119	264	12
Main canals, irrigation .. Miles.	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Branch canals do. ..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Distributaries ..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Of above—	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Navigable ..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..

* 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.
† This area having been exceeded, a revised ultimate area will be fixed.

A-I.—Statement of Canals in the Madras Presidency for the year 1920-21—cont.

Source of supply of water	18	19	20	21	22	23	24	25	26	27	28	29	30	31
	Arkenketa channel.	River Bhavani.	River Bhavani.	River Bhavani.	River Kottaiyar.	River Manunkanadi.	River Manunkanadi.	River Vellar.	River Nandiyar.	River Nandiyar.	Chittala lake canal.	Ganjam minor river.	Bohinghan canal.	Vedra-nandi canal.
Minimum discharge of river ..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Maximum discharge of main canals, as designed ..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Maximum discharge during the year ..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Average rainfall for the year .. Inches.	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Gross area commanded .. Acres.	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Culturable area commanded ..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Area irrigable by complete project ..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Area irrigable at present ..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Sanctioned estimate—	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Direct charges ..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Indirect do. ..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Interest during construction ..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Total, Estimate ..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Expenditure to end of 1920-1921—	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Direct charges ..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Indirect do. ..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Interest during construction ..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Total, Expenditure ..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Works as now sanctioned—	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Main canals, irrigation .. Miles.	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Branch canals do. ..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Distributaries ..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Of above—	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Navigable canals ..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Works completed at end of 1920-1921—	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Main canals, irrigation .. Miles.	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Branch canals do. ..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Distributaries ..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Of above—	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Navigable ..	..	..	..	..	..	..	..	..	..	..	..	..	..	..

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

A. H. MURTHY,
Chief Engineer for Irrigation.

A-II.—Statement of Reservoir Projects in the Madras Presidency for the year 1920-1921.

Source of supply of water ..	Barur tank.	Periyar system.	Bashikulya system.	Jangannabeswar tank.	Atrankur tank.	Dondapad tank.	Pedda tank of Chinnapa- palem.	Hajipuram tank.	Tonnair tank.	Annamaswami tank.	Zerur tank.	Channur tank.	Markapur tank.	Madras water-supply and irrigation system.	Channur tank.	Bhavanthi tank.	Tellur tank.	Koolevura tank.	Venkatapur tank.	Biddapur tank.	Penalty pro- ject.
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22
Area of catchment ..	2,082	239	1,760	60	105	56	2564	100	3214	2362	27025	430	27025	34	100	43	206	6325	51	45	10800
Average rainfall during the year in inches ..	32.22	79.55	38.13	21.77	10.27	21.27	81	24.87	30.09	29.58	34.18	34.18	34.18	54.39	51.07	19.41	15.88	15.95	15.2	638	..
Contents of tank between Mills. a. ft.	313.35	9,605	3,300	75	161	227	81	309	180.6	90.57	121.62	2,942.17	121.62	2,729.864	3,146	174.64	342.50	145	237	..	..
Levels of surface of full supply and sill of canal head sluice ..	688	7,167	4,948	618	575	765	301	1,606	719	474	3,285	5,684.99	811	5,361	5,729	660	2,617	422	448	1,125	650
Gross area commanded ..	6,857	765,000	230,880	900	1,706	2,240	784	2,900	1,973	1,000	1,288	7,800	1,901	16,129	32,564	2,700	1,707	1,026	1,700	2,800	900
Culturable area commanded ..	6,857	Not known	142,000	980	1,120	2,830	725	2,900	1,973	1,000	1,288	6,000	1,901	10,165	24,478	2,448	1,641	1,026	1,700	2,800	900
Area irrigable by complete project ..	6,857	145,000	120,000	980	1,120	1,930	725	1,420	1,000	1,000	1,288	6,000	1,901	9,852	18,000	841	1,442	1,026	1,700	2,800	900
Do. at present ..	6,857	145,000	108,000	980	1,120	1,930	210	700	1,000	981	1,143	5,380	1,583	9,852	18,000	841	1,442	87	112	800	300
Wells supplied by tanks ..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Sanctioned estimate—	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Direct charges ..	4,00,000	84,71,000	45,23,000	61,258	1,09,521	1,24,786	68,231	2,73,774	1,90,925	71,687	61,741	83,985	1,16,657	15,47,123	5,48,970	2,92,269	2,35,711	1,22,800	3,31,776	9,21,988	3,33,430
Indirect do. ..	26,300	2,79,000	3,82,820	10,411	12,428	16,218	20,726	33,100	25,911	1,886	1,612	2,388	4,001	2,33,945	1,12,647	4,711	30,089	8,700	14,824	26,020	68,210
Interest during construction ..	41,438	15,23,606	14,91,004	..	1,23,375	1,40,004	88,566	3,11,883	2,15,898	73,673	63,363	86,473	1,20,658	17,80,028	7,61,517	2,16,173	2,66,800	1,31,500	3,46,600	9,46,600	1,04,000
Total Estimate ..	4,66,738	1,03,73,606	64,36,824	71,664	1,23,375	1,40,004	88,566	3,11,883	2,15,898	73,673	63,363	86,473	1,20,658	17,80,028	7,61,517	2,16,173	2,66,800	1,31,500	3,46,600	9,46,600	1,04,000
Expenditure to end of 1920-21 ..	4,19,375	1,03,11,093	61,258	61,258	1,09,521	1,24,786	68,231	2,73,774	1,90,925	71,687	61,741	83,985	1,16,657	15,47,123	5,48,970	2,92,269	2,35,711	1,22,800	3,31,776	9,21,988	3,33,430
Direct charges ..	23,798	3,67,383	4,13,867	10,411	13,428	15,218	1,995	33,109	25,919	1,886	1,612	2,388	4,001	2,33,945	1,12,647	4,711	30,089	8,700	14,824	26,020	68,210
Indirect do. ..	80,175	16,06,402	18,69,991	..	1,09,521	1,24,786	68,231	2,73,774	1,90,925	71,687	61,741	83,985	1,16,657	15,47,123	5,48,970	2,92,269	2,35,711	1,22,800	3,31,776	9,21,988	3,33,430
Interest during construction ..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Total, Expenditure ..	5,23,258	1,22,84,881	67,90,776	71,664	1,23,375	1,40,004	88,566	3,11,883	2,15,898	73,673	63,363	86,473	1,20,658	17,80,028	7,61,517	2,16,173	2,66,800	1,31,500	3,46,600	9,46,600	1,04,000
Works as now sanctioned—	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Dam (earth or masonry) total Feet height.	28	178	57.7 (5)	24	23	22	..	6	21	..	..	56	22	30	25	20	15	38	31	27.5	5232
Canals ..	11	145	50	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Distributaries ..	26	105	225	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Dam (height completed). Feet.	28	178	57.7 (5)	24	23	22	..	6	21	..	..	56	22	30	25	20	15	38	31	27.5	30
Canals ..	11	145	50	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Distributaries ..	26	105	151	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..

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

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 end of the year 1920-1921.

Works or systems.	Direct charges (net expenditure).						Indirect charges.	Total excluding interest.	Simple interest.
	Works.	Establishment.		Tools and plant.	Deduct receipts on capital account.	Total.			
		Rs.	Rs.				Rs.	Rs.	Rs.
1	2	3	4	5	6	7	8	9	
CLASS I.—MAJOR PRODUCTIVE WORKS.									
Nagavalli river system ..	12,03,729	2,59,531	92,823	3,355	16,52,897	40,074	16,93,371	6,46,106	
During 1920-1921 ..	1,085	611	28	..	1,625	72	1,697	56,319	
To end of previous year ..	1,01,29,401	24,10,660	9,29,718	1,526	1,34,68,288	19,80,111	1,54,48,679	2,31,60,906	
Godavari delta system ..	1,25,817	32,120	2,866	..	1,40,803	8,197	1,49,000	4,61,792	
During 1920-1921 ..	1,21,67,310	27,11,887	7,01,022	18,546	1,55,01,679	10,70,856	1,65,72,535	2,10,50,803	
To end of previous year ..	53,464	35,971	— 381	..	94,164	6,386	93,140	6,72,603	
Kistna ..	10,71,711	2,11,769	6,73,712	377	19,56,815	38,988	19,90,783	8,29,766	
During 1920-1921 ..	10,307	6,341	— 59	..	16,569	88	17,477	66,559	
To end of previous year ..	40,15,929	9,57,187	1,44,209	2,858	57,14,457	10,13,058	67,27,555	78,78,413	
Divi pumping system ..	4,672	880	55	..	5,468	120	5,588	1,99,554	
Pennar river canals system ..	1,90,47,672	3,49,482	40,83,645	2,31,977	2,32,48,702	58,925	2,33,17,628	8,13,56,495	
During 1920-1921 ..	27,410	18,579	266	..	46,255	2,001	48,256	7,21,890	
To end of previous year ..	3,35,765	76,701	6,931	22	4,19,375	23,738	4,43,113	5,21,576	
Barur tank ..	2,67,494	40,592	141	..	2,67,227	7,109	2,74,336	4,46,563	
During 1920-1921 ..	10,020	4,186	47	..	14,753	586	15,339	9,286	
To end of previous year ..	3,49,041	70,400	8	..	4,28,449	11,830	4,40,309	6,69,369	
Chayyar do. ..	20,171	8,427	93	..	28,691	1,180	29,871	15,044	
During 1920-1921 ..	3,01,870	64,889	..	..	3,66,759	9,103	3,75,862	5,19,388	
To end of previous year ..	8,10,406	1,01,724	115	..	9,15,245	37,271	9,72,516	12,195	
Tirukkoyilur ancient system ..	16,45,415	3,09,063	14,079	..	18,71,557	71,335	19,42,892	20,05,421	
During 1920-1921 ..	9,39,550	2,15,513	2,99,943	3,941	14,51,065	2,08,980	16,60,045	1,72,140	
To end of previous year ..	2,10,314	87,860	972	1,833	2,97,513	12,360	3,09,813	4,61,792	
Lower Coleroon do. ..	84,53,056	7,23,310	16,283	1,585	42,60,614	1,84,473	44,45,087	46,31,414	
Toludur project ..	72,942	30,179	334	..	1,02,755	4,226	1,06,981	1,46,153	
Cauvery delta system ..	79,10,676	16,49,548	7,66,846	17,236	1,03,09,134	3,67,236	1,06,76,429	1,06,76,429	
During 1920-1921 ..	1,205	649	5	..	1,659	91	1,750	3,43,131	
To end of previous year ..	3,28,830	10,674	369	..	16,54,854	1,06,896	17,61,750	25,67,949	
Periyar system ..	637	316	2	..	1,045	48	1,093	56,003	
Sivakuntam ancient system ..	..	..	..	..	..	..	..	..	
Total ..	6,54,27,194	1,05,09,056	78,20,054	2,82,927	8,35,66,377	52,67,138	8,87,32,575	19,65,01,879	
To end of previous year ..	5,42,405	2,56,029	4,259	1,633	8,01,080	35,814	8,36,904	28,31,267	
During 1920-1921 ..	..	..	..	..	..	..	..	..	

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 end of the year 1920-1921—cont.

Works or systems.	Direct charges (net expenditure).						Indirect charges.	Total excluding interest.	Simple interest.
	Works.	Establishment.	Tools and plant.	Deduct receipts on capital account.	Total.				
					Rs.	Rs.			
1	2	3	4	5	6	7	8	9	
CLASS I.—MAJOR PROTECTIVE WORKS.									
Rushikulya canal system ..	38,30,646	8,11,166	1,27,764	55,853	47,03,663	4,13,717	51,17,380	48,01,791	
{ To end of previous year ..	2,218	1,071	56	..	3,346	150	3,496	1,57,048	
{ During 1920-1921 ..	1,82,434	41,653	25,660	..	2,49,581	10,568	2,60,439	49,101	
Bhavanesi tank project ..	13,17,393	3,11,434	2,33,740	20,684	21,41,849	95,242	22,36,941	9,627	
{ To end of previous year ..	62,582	11,768	498	6,712	68,136	1,647	69,788	4,82,656	
{ During 1920-1921 ..	3,05,198	63,289	4,219	619	3,69,137	12,490	3,81,647	82,237	
{ To end of previous year ..	1,681	1,086	15	..	2,681	152	2,833	97,232	
{ During 1920-1921 ..	59,32,487	12,27,452	3,91,383	81,222	74,64,100	5,32,307	79,96,407	12,778	
{ To end of previous year ..	66,381	13,924	669	6,712	74,162	1,949	76,111	64,21,219	
{ During 1920-1921 ..	..	..	..	..	..	..	..	2,61,690	
Total ..	..	..	..	..	..	..	..	..	
CLASS II.—MINOR WORKS AND NAVIGATION.—WORKS FOR WHICH CAPITAL AND REVENUE ACCOUNTS ARE KEPT.									
Ganjam minor rivers system ..	2,14,345	43,700	139	..	2,58,185	10,203	2,68,388	..	
{ To end of previous year ..	1,683	786	42	..	2,521	111	2,632	..	
{ During 1920-1921 ..	4,63,179	1,03,806	3,713	1,732	5,68,966	29,636	5,98,602	..	
Muniyera project ..	52,319	9,779	..	..	62,098	1,397	63,495	..	
Peddinayadu tank of Chinnaraopalem ..	59,564	8,680	..	..	61,253	10,411	71,664	..	
Janganaheswarapuram tank ..	91,902	18,749	..	..	1,09,651	13,428	1,23,079	..	
Atmakur tank ..	1,05,848	18,945	..	7	1,24,786	15,218	1,40,004	..	
Doodapad tank ..	2,30,686	48,308	..	220	2,78,774	33,109	3,11,883	..	
Hajipuram tank ..	1,56,893	31,070	34	..	1,90,997	25,579	2,16,576	..	
Ponnalur tank ..	58,421	13,266	..	..	71,687	1,886	73,573	..	
Anacrasamudram-Bitayera tank ..	50,219	11,522	..	..	61,741	1,612	63,353	..	
Yerur tank ..	60,961	11,225	..	..	72,186	1,671	73,857	..	
Vamula tank ..	..	..	..	..	..	..	..	..	

APPENDIX I.

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 end of the year 1920-1921—cont.

Works or systems.	Direct charges (net expenditure).						Indirect charges.	Total excluding interest.	Simple interest.
	Works.	Establishment.	Tools and plant.	Deduct receipts on Capital account.	Total.				
					Rs.	Rs.	Rs.	Rs.	Rs.
CLASS II.—MINOR WORKS AND NAVIGATION—WORKS FOR WHICH CAPITAL AND REVENUE ACCOUNTS ARE KEPT—cont.									
Sagileru tank ..	3,64,321	30,339	12,449	1	4,47,108	17,919	4,65,027	..	
Tatapavanka tank ..	54,348	11,204	731	..	66,283	2,541	68,824	..	
Oombur tank ..	68,701	15,284	..	..	83,985	2,388	86,373	..	
Markapur tank project ..	95,492	21,165	..	..	1,16,657	4,001	1,20,658	..	
Tellanur do. ..	1,91,268	41,140	7,087	343	2,39,152	30,513	2,69,665	..	
Koheru do. ..	1,01,461	22,168	1,046	10	1,24,685	11,149	1,35,834	..	
Siddapur do. ..	5,29,276	1,01,612	1,72,552	407	8,03,847	14,225	8,18,072	..	
Nagavaram anicut and supply channel ..	88,757	18,538	..	..	1,07,295	2,695	1,09,990	..	
Arankotla channel ..	1,14,505	28,264	..	..	1,40,769	3,076	1,43,845	..	
Thadapalli channel ..	1,35,220	29,535	..	..	1,64,755	11,050	1,75,805	..	
Kalingarayan channel ..	1,19,799	32,191	..	..	1,51,990	4,565	1,56,555	..	
Kaniyampalayam anicut system ..	74,258	19,192	200	..	93,650	2,675	96,325	..	
Palar anicut system ..	18,34,719	4,65,757	20,821	..	23,31,367	1,16,872	24,48,239	..	
Vallur anicut system ..	60,662	13,679	26	..	74,367	1,916	76,283	..	
Madras water-supply and irrigation system ..	13,33,854	2,15,975	6,681	1,392	15,58,362	2,39,132	17,97,494	..	
Obambambakam tank system ..	17,898	3,187	143	..	21,228	445	21,673	..	
Nesamattur anicut system ..	5,11,223	1,38,374	8,233	114	6,47,716	1,12,791	7,60,507	..	
Viduthachalam anicut system ..	57,436	13,231	..	..	70,667	1,897	72,564	..	
..	1,358	513	6	..	1,777	72	1,849	..	
..	68,616	16,575	..	..	84,191	2,484	86,675	..	

APPENDIX I.

Works or systems.	Direct charges (net expenditure).						Indirect charges.	Total excluding interest.	Simple interest.
	Works.	Establishment.	Tools and plant.	Deduct accorps on Capital account.	Total.				
1	2	3	4	5	6	7	8	9	
	RS.	RS.	RS.	RS.	RS.	RS.	RS.		
CLASS II.—MILITARY WORKS FOR WHICH CAPITAL AND REVENUE ACCOUNTS ARE KEPT—cont.									
Pelandarai ancient system ..	5,20,637	1,17,367	6,064	798	6,43,270	48,747	6,92,017	..	
{ To end of previous year ..	..	..	..	..	..	..	..	..	
{ During 1920-1921 ..	..	..	..	..	..	..	..	..	
Nandiyar channel system ..	51,476	11,755	..	..	63,231	2,484	65,715	..	
{ To end of previous year ..	..	..	..	..	..	..	..	..	
{ During 1920-1921 ..	..	..	..	..	..	..	..	..	
Mardur ancient system ..	41,500	9,041	..	..	50,541	1,265	51,806	..	
{ To end of previous year ..	..	..	..	..	..	..	..	..	
{ During 1920-1921 ..	..	..	..	..	..	..	..	..	
Banjampatti reservoir ..	2,43,102	59,461	58,316	619	3,43,260	12,482	3,55,742	..	
{ To end of previous year ..	..	..	..	..	..	..	..	..	
{ During 1920-1921 ..	..	..	..	..	..	..	..	..	
NAVIGATION WORKS.									
Chilka Lake canal ..	24,450	5,624	166	..	30,240	787	31,027	..	
{ To end of previous year ..	..	..	..	..	..	..	..	..	
{ During 1920-1921 ..	..	..	..	..	..	..	..	..	
Banjanatopalpur canal ..	1,02,675	37,799	2,733	107	1,43,100	12,393	1,55,493	..	
{ To end of previous year ..	..	..	..	..	..	..	..	..	
{ During 1920-1921 ..	..	..	..	..	..	..	..	..	
Buckingham canal ..	67,83,281	15,06,828	1,80,878	24,359	85,01,686	4,88,317	90,40,523	..	
{ To end of previous year ..	..	..	..	..	..	..	..	..	
{ During 1920-1921 ..	..	..	..	..	..	..	..	..	
Wetmanniyam canal ..	1,07,885	24,814	78	6	1,32,663	2,733	1,35,396	..	
{ To end of previous year ..	..	..	..	..	..	..	..	..	
{ During 1920-1921 ..	..	..	..	..	..	..	..	..	
Total ..	1,52,28,683	34,58,292	4,88,066	30,019	1,93,44,542	12,05,768	2,05,50,310	..	
{ To end of previous year ..	..	..	..	..	..	..	..	..	
{ During 1920-1921 ..	..	..	..	..	..	..	..	..	

E. D. CHANTER,
Deputy Accountant-General.

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," works for which Capital and Revenue Accounts are kept in the Madras Presidency for the year ending the 31st March 1921.

[illegible]

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," works for which Capital and Revenue Accounts are kept in the Madras Presidency for the year ending the 31st March 1921—cont.

Working expenses—cont.																		
Works or systems.	Maintenance of works.						Tools and plant.	Plantation.	Total cost of maintenance.	Indirect charges.	Grand total of working expenses.	Deduct old maintenance charges			Total working expenses on improvements.	Net revenue.		
	Establishment.			Works.								Repairs.	Direct charges.	Indirect charges.		Total.	Total.	Due to improvements.
	Direction.	Execution.	Total.	Total.	Total.													
						17												
CLASS I.—MAJOR PRODUCTIVE WORKS.																		
Nagavalli river system ..	1,756	7,065	3,831	3,267	15,018	463	..	37,579	1,236	32,021	4,365	196	4,561	27,530	83,577	50,738		
Gedavani delta system ..	48,803	1,96,215	2,41,018	35,932	4,31,919	7,609	..	7,19,478	34,163	7,45,931	..	..	..	9,46,386	31,89,718	30,56,748		
Kistna do. ..	41,068	1,84,265	2,25,831	11,091	3,22,766	1,591	..	5,37,297	28,746	5,66,043	..	..	..	7,45,291	30,53,728	29,32,728		
Divi pumping system ..	3,614	38,976	43,220	3,095	75,289	444	..	1,25,156	6,751	1,41,974	19,605	1,049	20,654	1,21,320	96,728	97,052		
Pennar river canals system ..	4,859	19,431	24,293	6,612	1,22,682	1,028	..	1,64,615	3,491	1,68,416	35,465	781	36,246	1,53,174	6,65,423	4,36,689		
Karnool-Cuddapah canal ..	14,401	57,662	72,090	11,411	93,489	1,016	..	1,77,952	10,031	2,06,259	5,093	287	5,380	1,99,901	1,83,318	1,67,832		
Barur tank ..	256	1,022	1,278	3,785	48	..	..	6,111	179	6,999	..	..	..	5,999	14,088	10,183		
Piney ancient system ..	1,220	4,878	9,938	1,867	12,731	67	..	26,782	864	27,646	4,411	153	4,564	20,311	80,267	46,881		
Cherayal do. ..	2,336	9,343	11,679	4,702	23,255	129	..	38,766	1,635	40,401	7,615	283	7,898	40,683	73,406	39,153		
Thirukoyilur ancient system ..	727	2,908	3,635	150	8,672	40	..	12,377	669	16,893	2,337	96	2,433	3,980	1,24,373	71,676		
Shattatope do. ..	1,097	4,389	5,486	16	13,116	61	..	18,679	763	25,389	10,355	428	10,781	22,956	1,14,166	96,459		
Lower Coleroon do. ..	4,815	19,381	24,226	—31	58,092	268	..	82,485	3,392	1,01,415	10,355	..	..	90,635	3,69,246	2,95,037		
Toludur project ..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..		
Canvey delta system ..	23,958	35,831	119,789	18,701	2,63,801	1,283	..	4,03,631	16,770	4,75,318	1,50,251	6,178	1,56,429	3,13,919	40,89,499	7,95,829		
Periyar system ..	11,668	46,272	57,840	8,866	1,12,658	418	..	1,74,622	8,098	2,40,002	38,891	1,392	40,653	1,79,333	7,88,886	6,23,519		
Sivakuntan ancient system ..	1,873	7,433	9,365	3,272	15,570	68	..	28,273	1,311	37,161	8,344	387	8,731	28,429	1,96,688	1,26,419		
Total ..	1,98,419	6,73,677	8,42,995	1,03,871	16,72,564	10,163	..	25,28,681	1,17,894	32,03,856	2,90,638	11,360	3,92,428	29,07,357	1,30,66,832	88,25,088		
MAJOR PROTECTIVE WORKS.																		
Chittikudya system ..	4,414	17,655	22,069	3,716	41,381	1,156	..	68,922	3,690	81,377	8,420	377	8,797	72,580	1,75,257	1,17,184		
Bhavani tank project ..	205	822	1,027	11	1,657	—9	..	2,686	143	2,829	..	..	..	2,829	—	2,829		
Wopad tank project ..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..		
Venkatapuram tank project ..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..		
Total ..	4,619	18,697	23,371	3,743	44,023	1,151	..	72,288	3,771	81,924	8,420	377	8,797	76,127	1,77,846	1,18,637		
CLASS II.—MINOR WORKS AND NAVIGATION—WORKS FOR WHICH CAPITAL AND REVENUE ACCOUNTS ARE KEPT.																		
Canjan minor rivers system ..	1,189	4,678	5,817	1,404	10,761	314	..	18,625	819	22,689	6,974	308	7,282	16,367	1,38,899	51,181		
Muniyera project ..	852	3,467	4,259	37	6,998	—40	..	11,554	596	12,813	355	19	571	12,439	9,822	7,496		
Peddanaith tank ..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..		
Pangambra-Varapuram tank ..	12	48	60	..	160	—1	..	159	8	191	..	..	..	191	1,172	1,172		
Alankur tank ..	81	322	403	384	334	—4	..	1,065	56	1,188	..	..	..	1,188	659	169		
Dondapad tank ..	41	174	218	..	361	—2	..	577	31	759	..	..	..	729	213	213		
Rajapuram tank ..	49	196	245	..	405	—2	..	618	34	753	..	..	..	729	213	213		
Hajipuram tank ..	45	188	232	..	1,304	10	..	1,545	33	1,643	..	..	..	1,643	64	64		
Ponnalur tank ..	80	321	401	..	2,249	18	..	2,563	66	2,952	..	..	..	2,952	1,602	1,602		

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," works for which Capital and Revenue Accounts are kept in the Madras Presidency for the year ending the 31st March 1921—cont.

Works or systems.	Revenue (actual receipts).										Working expenses.				
	Irrigation.				Navigation.	Plantation.	Miscellaneous.	Total.	Less refunds of revenue.	Gross revenue less refunds.	Deduct share of old irrigation revenue.	Total revenue due to improvements.	Revenue management.		
	Share of land revenue.		Total.	Establishment.											
	Irrigation revenue.	Share of land revenue.		Direction.									Execution.	Civil officers.	Total revenue management.
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—contd.															
Annamalaim-Firaperu tank ..	4,093	1	4,094	..	..	..	4,094	..	4,094	3,600	494	..	..	25	25
Yerur tank ..	4,212	64	4,276	..	..	..	4,276	..	4,276	425	3,851	..	..	193	193
Vannia tank ..	11,178	..	11,182	..	3	30	11,215	..	11,215	17,800	— 6,585	..	..	— 381	— 381
Sagieru tank ..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Takapulavanka tank ..	8,625	461	8,986	..	..	11	8,997	..	8,997	30,000	— 21,003	..	..	— 1,000	— 1,000
Cambaru tank ..	4,601	1	4,602	..	..	120	4,622	..	4,622	2,136	2,486	..	..	119	119
Markapur tank project ..	2,245	..	2,245	..	..	..	2,245	..	2,245	..	2,245	..	..	112	112
Yellatur do. ..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Kocheeruvu do. ..	..	..	..	..	..	21	..	..	..	..	..	..	..	..	..
Siddapur do. ..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Nagavaram ancient and supply channel ..	3,923	..	3,923	..	..	..	3,923	..	3,923	9,266	1,607	..	..	83	83
Arakonam channel ..	36,497	410	36,907	..	..	392	37,299	..	37,299	19,600	18,299	..	..	895	895
Thadapalli do. ..	1,41,491	2,900	1,44,391	..	..	..	1,46,861	..	1,46,861	70,000	69,861	..	..	3,420	3,420
Kalingarayan do. ..	1,26,049	483	1,26,532	..	..	2,988	1,28,820	..	1,28,820	86,000	43,820	..	..	2,077	2,077
Kaniyapalayam ancient ..	3,68,897	16,733	3,85,630	..	..	..	3,89,178	..	3,89,178	1,25,000	2,64,178	..	..	12,985	12,985
Palar ancient system ..	7,815	1,074	8,719	..	..	22	9,018	..	9,018	5,000	4,018	..	..	186	186
Madras water-supply and irrigation system ..	28,323	462	28,785	..	..	35,613	64,704	..	64,704	11,600	53,794	..	..	890	890
Chennambakam tank ..	72,964	908	73,872	..	306	2,185	76,057	..	76,057	16,600	60,957	..	..	2,894	2,894
Mohamur ancient system ..	20,003	51	20,054	..	..	2,117	20,208	..	20,208	4,900	15,208	..	..	803	803
Vrithachalam do. ..	33,975	294	34,269	..	..	155	34,637	..	34,637	8,600	26,037	..	..	1,289	1,289
Pelandurai do. ..	47,619	76	47,695	..	..	413	47,683	..	47,683	3,000	44,682	..	..	2,207	2,207
Nandiyar channel system ..	23,469	54	23,523	..	..	612	24,065	..	24,065	17,000	7,065	..	..	326	326
Mandur ancient system ..	2,10,116	270	2,10,415	..	..	8	211,863	..	211,863	1,16,000	96,863	..	..	4,771	4,771
Panipath reservoir ..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
NAVIGATION WORKS.															
Chilka Lake canal ..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Ganjam-Gopalpur canal ..	..	..	..	..	116	..	..	..	..	..	116	..	..	..	..
Buckingham canal ..	..	..	..	..	644	2,775	77,371	529	76,842	..	76,842	..	..	..	..
Vedrauniam canal (a) ..	..	..	..	..	6	..	561	..	561	..	561	..	..	..	..
Total, Minor Works and Navigation ..	13,43,632	31,618	13,75,330	74,507	6,311	48,461	15,04,609	568	15,04,661	6,38,711	8,65,950	..	..	36,784	36,784

(a) The District Board's share of the receipts from the canal amounted to Rs. 561 and that of the expenditure amounted to Rs. 11,412.

C-I.—Statement showing the financial results of Irrigation and Navigation Works, Class I "Major" (Protective and Protective) and Class II "Minor Works and Navigation," works for which Capital and Revenue Accounts are kept in the Madras Presidency for the year ending the 31st March 1921—cont.

Works or systems.	Maintenance of works.										Net revenue.				
	Establishment.			Works.	Repairs.	Tools and plant.	Plantation.	Total cost of maintenance.	Deduct old maintenance charges.		Total working expenses on improvements.	Total.	Due to improvements.	rs.	
	Direction.	Execution.	Total.						Direct charges.	Indirect charges.					Total.
				17	18	19	20	21			22	23	24	25	

Working expenses—cont.																	
Grand total of working expenses.																	
Direct charges.																	
Indirect charges.																	
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C-II.—Statement showing the financial results of irrigation works for, and up to the end of, 1920-1921—cont.

Financial results of the year 1920-1921.											
No.	Name of works.	Interest at 3-2622									
		Gross receipts (direct and indirect).	Working expenses (direct and indirect).	Net revenue.	Percentage on capital outlay (column 7).	Percentage on sum-charge (column 10).	per cent on direct capital outlay to end of 1916-17 and at 5-1919 per cent on all capital expenditure incurred in 1917-18 and subsequent years.	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.	ACR.	PER CENT.	
PRODUCTIVE WORKS—Irrigation—cont.											
1	Nagaralli system ..	75,268	27,530	47,738	2.99	2.39	55,313	4,581	9,546	35-17	
2	Gudavari delta system ..	40,12,144	9,46,396	30,65,748	19.59	19.59	4,31,733	..	825,294	23-34	
3	Kistna do. ..	37,28,019	7,45,301	29,82,718	17.89	17.89	5,22,509	..	665,620	19-49	
4	Divi Pumping system ..	2,18,402	1,21,320	97,082	4.83	4.23	66,659	..	29,038	55-55	
5	Pennar river canals system ..	5,65,853	1,50,184	4,15,669	6.47	6.47	1,90,556	..	70,755	26-55	
6	Kurnool-Cuddapah canal ..	3,57,705	1,59,204	1,97,802	0.68	0.29	7,31,320	..	98,184	55-89	
7	Sarar tank ..	15,187	6,499	10,188	2.30	1.31	13,945	3,757	2,143	37-06	
8	Pokey anicut system ..	67,192	20,311	46,881	16.79	16.78	9,286	..	9,281	30-23	
9	Chayyar do. ..	74,719	40,563	34,156	8.33	8.33	15,014	..	19,782	50-89	
10	Uttakoyilur anicut system ..	81,255	9,690	71,565	19.06	19.06	12,135	..	17,792	11-80	
11	Shattatope do. ..	1,13,555	22,958	90,597	9.93	9.93	33,434	..	29,786	19-20	
12	Lower Coleroon do. ..	3,15,682	80,655	2,25,027	11.58	11.58	62,276	1,62,757	71,187	23-71	
13	Toludur project ..	11,14,748	3,18,919	7,95,829	17.48	17.48	67,670	67,670	218,682	28-61	
14	Cauvery delta system ..	8,22,888	1,79,339	6,43,549	5.84	5.84	1,46,163	..	97,796	22-34	
15	Periyar system.. ..	3,54,839	28,429	1,26,419	7.17	7.17	50,003	..	23,103	18-35	
16	Sirvaikuntam anicut system ..	1,17,32,445	29,07,357	88,25,088	9.85	7.24	28,34,267	..	2,187,735	24-78	
- Total, Productive Works ..											
PRODUCTIVE WORKS—Irrigation—cont.											
1	Rushikulya system ..	1,89,764	72,580	1,17,184	2.29	1.43	1,57,048	..	49,971	38-25	
2	Bhavanasi project ..	..	2,829	..	1.09	..	9,637	..	12,466	..	
3	Mopad project ..	..	..	..	..	..	82,237	..	82,237	..	
4	Venkatapuram tank ..	..	718	..	0.19	..	12,778	..	13,496	..	
Total, Protective Works ..											
Grand total ..											
MINOR WORKS AND NAVIGATION.											
1	Ganjam minor works system ..	66,568	15,387	51,181	18.88	..	8,561	42,530	21,429	23-11	
2	Muniyaru project ..	19,935	12,439	7,496	1.25	..	18,913	..	5,001	62-40	
3	Peddaryut tank of Chinnaowpalem ..	1,363	191	1,172	1.85	..	2,065	..	823	14-01	
4	Jangamabeswarapuram tank ..	1,347	1,138	169	0.22	..	2,038	..	602	88-15	
5	Atmakur tank ..	8,459	781	2,678	2.17	..	3,566	..	949	22-58	
6	Dendapad tank ..	942	729	213	0.15	..	4,119	..	3,936	77-39	
7	Hajipuram tank ..	1,707	1,643	64	0.02	..	9,270	..	9,206	96-25	

C II.—Statement showing the financial results of irrigation works for, and up to the end of, 1920-1921—cont.

General financial results to end of 1920-1921—cont.									
No.	Name of work.	Mileage in operation.		Estimated cost of construction (direct and indirect).	Date of completion of work (P. W. D. Code ..-1918).	Date when system first came into operation.	Total capital outlay (direct and indirect).	Accumulated surplus revenues.	Total sum-at-charge (column 7 + column 8).
		Main canals and branches.	Distribu- taries.						
1	2	3	4	5	6 (a)	6 (b)	7	9	10
MINOR WORKS AND NAVIGATION—cont.									
8	Ponnalur tank ..	..	7	RS. 2,10,576	..	..	RS. 2,15,576	..	..
9	Anasamudram Briparu tank ..	..	2 1/2	73,573	..	..	73,573	..	..
10	Venru tank ..	..	..	63,353	..	..	63,353	..	..
11	Vandula tank ..	..	..	63,757	..	..	63,757	..	..
12	Squlleru system ..	..	12	4,64,727	..	..	4,64,727	..	..
13	Thalavaranku tank ..	..	..	58,824	..	..	58,824	..	..
14	Cumbun tank ..	..	23 1/2	80,378	..	..	80,378	..	..
15	Narkapur tank ..	..	7 1/2	1,20,658	..	..	1,20,658	..	..
16	Yellapur do. ..	..	..	2,66,800	..	..	2,66,800	..	..
17	Kocheruvu do. ..	..	..	1,31,500	..	..	1,31,500	..	..
18	Siddapur do. ..	..	6 1/2	9,43,739	..	..	9,43,739	..	..
19	Nagaram anicut and supply channel ..	..	23 1/2	1,04,890	..	..	1,04,890	..	..
20	Arakkota channel ..	..	83 1/2	1,44,445	..	..	1,44,445	..	..
21	Thadavalli do. ..	..	61 1/2	1,76,805	..	..	1,76,805	..	..
22	Kalingarayan channel ..	..	..	1,80,483	..	..	1,80,483	..	..
23	Kanyanapalayam anicut ..	..	..	1,30,610	..	..	1,30,610	..	..
24	Palar anicut system ..	..	139	24,59,029	..	..	24,59,029	..	..
25	Valluru do. ..	..	5 1/2	75,207	..	..	75,207	..	..
26	Madras water-supply and irrigation system ..	..	11 1/2	18,19,044	..	..	18,19,044	..	..
27	Chembrankulam tank ..	..	10 1/2	7,64,377	..	..	7,62,574	..	..
28	Mehamattur anicut system ..	..	15	86,685	..	..	86,685	..	..
29	Viddachalan do. ..	..	33	6,92,017	..	..	6,92,017	..	..
30	Pelandurai do. ..	..	25	66,715	..	..	66,715	..	..
31	Kandayar channel system ..	..	31	61,806	..	..	61,806	..	..
32	Naradur anicut do. ..	..	29	4,01,800	..	..	3,85,895	..	..
33	Panjapatti reservoir ..	..	..	..	..	..	..	..	..
	Total ..	707	506 1/2	1,15,47,512	..	..	1,11,01,377	..	..
NAVIGATION WORKS.									
34	Chilka lake canal ..	9	..	31,027	..	..	31,027	..	..
35	Gandam-Gopalpur canal ..	..	..	1,55,493	..	..	1,55,493	..	..
36	Lockingham canal ..	..	26 1/2	90,52,370	..	..	90,52,370	..	..
37	Vedaramayan canal ..	..	34 1/2	1,36,432	..	..	1,36,432	..	..
	Total ..	304 1/2	..	93,82,441	..	..	93,75,322	..	..
	Grand total ..	1,011 1/2	506 1/2	2,08,29,932	..	..	2,04,76,699	..	..

O II.—Statement showing the financial results of irrigation works for, and up to the end of, 1920-1921—cont.

No.	Name of work.	Financial results of the year 1920-1921—cont.									
		Grass 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 per cent paid on direct and indirect costs at 31/12/20 and subsequent years.	Net profit.	Net loss.	Area irrigated.	Percentage of working expenses to receipts (column 11 to column 12).
		11	12	13	14	15	16	17	18	19	20
MINOR WORKS AND NAVIGATION—cont.											
8	Ponnalur tank ..	Rs. 4,554	Rs. 2,552	Rs. 1,602	PER CENT. 74	..	Rs. 6,512	..	Rs. 5,210	..	PER CENT. 54.82
9	Annamasudram-Biraperu tank ..	494	1,516	1,516	2.10	..	2,584	..	838	28	..
10	Kerur tank ..	3,851	4,454	— 603	— .95	..	2,053	..	2,656	1,473	115.65
11	Vazula tank ..	..	..	..	..	..	2,058	..	2,088	..	..
12	Sagilera system ..	..	..	..	..	..	14,867	..	23,766	806	..
13	Talupulavanka tank ..	..	..	..	..	..	2,304	..	2,204	..	..
14	Cumbum tank ..	..	..	..	..	..	2,793	..	22,720	1,834	..
15	Markapur tank ..	..	..	..	..	..	3,579	..	8,369	949	..
16	Yelmar do. ..	..	..	..	..	..	8,293	..	6,437	1,210	78.77
17	Koduravu do. ..	..	..	..	..	..	4,310	..	4,769	..	17.33
18	Siddapur do. ..	..	..	..	..	..	26,842	..	28,399	..	2,800.00
19	Nagavaram anicut and supply channel ..	..	..	..	..	..	3,568	..	1,984	..	..
20	Arkenkota channel ..	..	..	..	..	..	4,581	7.20	50,402	..	..
21	Thadapalli do. ..	..	..	..	..	..	5,478	..	2,006	2,906	34.91
22	Kalingarayan channel ..	..	..	..	..	..	6,862	..	6,860	20.91	..
23	Kaniyampalayam anicut ..	..	..	..	..	..	16.58	..	5,835	31.73	..
24	Palar anicut system ..	..	..	..	..	..	..	..	..	..	..
25	Vellur do. ..	..	..	..	..	..	..	..	..	..	..
26	Madras water-supply and irrigation system ..	..	..	..	..	..	..	..	..	..	..
27	Chennambakam tank ..	..	..	..	..	..	..	..	..	..	..
28	Nebamattur anicut system ..	..	..	..	..	..	..	..	..	..	..
29	Vridhachalam do. ..	..	..	..	..	..	..	..	..	..	..
30	Teladovai do. ..	..	..	..	..	..	..	..	..	..	..
31	Nandayar channel system ..	..	..	..	..	..	..	..	..	..	..
32	Marudur anicut do. ..	..	..	..	..	..	..	..	..	..	..
33	Panjapatti reservoir ..	..	..	..	..	..	..	..	..	..	..
	Total ..	7,57,821	2,11,371	5,76,450	5.19	..	3,48,375	2.28,075	..	1,59,040	26.83
NAVIGATION WORKS.											
34	Chilka lake canal ..	..	..	..	..	..	..	..	..	..	..
35	Ganjam-Gopalpur canal ..	..	..	..	..	..	..	..	..	..	..
36	Buchimchan canal ..	..	..	..	..	..	..	..	..	..	..
37	Vedaranyam canal ..	..	..	..	..	..	..	..	..	..	..
	Total ..	77,619	2,39,190	1,61,571	1.72	..	2,95,463	..	4,37,134	..	36.55
	Grand total ..	8,65,340	4,50,561	4,14,779	2.93	..	6,43,838	..	2,29,059	1,59,040	52.07

O-III.—Demands and Realizations during the year 1920-21 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 com- mencement 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 I.—MAJOR PRODUCTIVE WORKS.									
Nagavalli river system ..	..	Rs. 1,21,768	1,21,768	6,100	1,15,668	..	1,15,668	37,400	78,268
Godavari delta system ..	..	42,88,958	42,88,958	1,52,814	41,36,144	..	41,36,144	1,24,000	40,12,144
Kistna do. ..	..	38,28,614	38,28,614	27,595	37,99,019	..	37,99,019	71,000	37,28,019
Dira pumping system ..	..	2,39,230	2,39,230	3,981	2,35,249	..	2,35,249	20,300	2,14,949
Pennar river canals system ..	..	8,45,634	8,45,634	3,981	8,41,653	..	8,41,653	2,56,000	5,85,653
Kurumb-Cuddapah canal ..	..	3,94,760	3,94,760	1,182	3,93,578	..	3,93,578	35,872	3,57,706
Barr tank ..	..	23,411	23,411	2,724	20,687	..	20,687	4,500	16,187
Poorey anicut system ..	..	1,14,151	1,14,151	6,955	1,07,196	..	1,07,196	38,000	69,196
Chettyar do. ..	..	1,18,917	1,18,917	..	1,18,917	..	1,18,917	33,000	85,917
Shatadape do. ..	..	1,41,363	1,41,363	..	1,41,363	..	1,41,363	60,000	81,363
Lower Coleroon anicut system ..	..	1,39,765	1,39,765	200	1,39,565	..	1,39,565	20,000	1,19,565
Toludur project ..	..	4,70,825	4,70,825	163	4,70,662	..	4,70,662	1,55,000	3,15,662
Cauvery delta system ..	..	45,28,773	45,28,773	14,025	45,14,748	..	45,14,748	34,00,000	11,14,748
Periyar system ..	..	10,09,434	10,09,434	2,645	10,06,789	..	10,06,789	2,04,000	8,02,789
Shivasikuniam anicut system ..	..	2,35,368	2,35,368	1,463	2,33,905	..	2,33,905	79,000	1,54,905
Total ..	..	1,54,99,101	1,54,99,101	2,22,590	1,52,76,517	..	1,52,76,517	45,41,072	1,07,35,445
MAJOR PROTECTIVE WORKS.									
Rushikulya canal system ..	..	..	..	..	..	..	..	..	..
Bhavanesi tank project ..	..	..	..	..	..	..	..	..	..
Mopul tank project ..	..	..	..	..	..	..	..	..	..
Venkatapuram tank project ..	..	..	..	..	..	..	..	..	..
Total ..	..	..	..	..	..	..	..	..	..
CLASS II.—MINOR WORKS AND NAVIGATION—WORKS FOR WHICH CAPITAL AND REVENUE ACCOUNTS ARE KEPT.									
Ganjam minor rivers system ..	..	Rs. 1,64,253	1,64,253	2,685	1,61,568	..	1,61,568	95,000	66,568
Muniyem project ..	..	23,334	23,334	899	22,435	..	22,435	2,000	20,435
Peddarayudu tank of Chinnaowpalem ..	..	1,353	1,353	..	1,353	..	1,353	..	1,353
Jangamchesswarapuram tank ..	..	2,682	2,682	..	2,682	..	2,682	..	2,682
Atmakur tank ..	..	3,459	3,459	..	3,459	..	3,459	..	3,459
Dondurad tank ..	..	942	942	..	942	..	942	..	942

APPENDIX I.

C-III.—Demands and Realizations during the year 1920-21 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.	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 II.—MINOR WORKS AND NAVIGATION, ETC.—cont.									
Hajipuram tank ..	..	Rs. 3,017	Rs. 3,017	..	Rs. 1,310	..	Rs. 1,707	..	Rs. 1,707
Pondur tank ..	..	4,554	4,554	..	..	..	4,554	..	4,554
Annamalai tank ..	..	4,122	4,122	..	..	..	4,122	..	4,122
Vemula tank ..	..	4,440	4,440	..	..	..	4,440	..	4,440
Sadler tank ..	..	16,508	16,508	..	..	..	16,508	..	16,508
Talavank tank ..	..	..	..	..	..	..	..	..	..
Cumbum tank ..	..	..	..	..	..	..	..	..	..
Marakur tank project ..	..	..	..	..	..	..	..	..	..
Yellur do. ..	..	..	..	..	..	..	..	..	..
Kocheruvu do. ..	..	..	..	..	..	..	..	..	..
Siddapur do. ..	..	..	..	..	..	..	..	..	..
Nagavaram ancient and supply channel ..	..	..	..	..	..	..	..	..	..
Arankota channel ..	..	..	..	..	..	..	..	..	..
Thalapalli channel ..	..	..	..	..	..	..	..	..	..
Kadavur channel ..	..	..	..	..	..	..	..	..	..
Kanniyampalayam ancient system ..	..	..	..	..	..	..	..	..	..
Palar ancient system ..	..	..	..	..	..	..	..	..	..
Vallur do. ..	..	..	..	..	..	..	..	..	..
Madras water-supply and irrigation system ..	..	..	..	..	..	..	..	..	..
Cherabrambakkam tank system ..	..	..	..	..	..	..	..	..	..
Mehumbar ancient system ..	..	..	..	..	..	..	..	..	..
Vridhachalam do. ..	..	..	..	..	..	..	..	..	..
Pelandur do. ..	..	..	..	..	..	..	..	..	..
Nandiyar channel system ..	..	..	..	..	..	..	..	..	..
Nandur ancient system ..	..	..	..	..	..	..	..	..	..
Panjampatti reservoir project ..	..	..	..	..	..	..	..	..	..
NAVIGATION WORKS.									
Chulka lake canal ..	..	..	..	..	..	..	..	..	..
Ganjam-Gopalpur canal ..	..	..	..	..	..	..	..	..	..
Buckingham canal ..	..	..	..	..	..	..	..	..	..
Veduraniyam canal ..	..	..	..	..	..	..	..	..	..
Total, Minor Works and Navigation ..	..	Rs. 15,46,544	Rs. 15,46,544	..	Rs. 41,593	..	Rs. 15,04,951	Rs. 6,38,711	Rs. 8,66,240

Fort St. George,
24th October 1921.

E. D. CHANTER,
Deputy Accountant-General.

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 1920-1921 based on assessment for the year.

Revenue assessed during the year.																		
Works or systems.	Capital outlay (direct and indirect) to end of the year.	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.	Percentage on capital outlay to end of year (improvements only).
		Own-er's rate.	Phan-tion.	Navi-gation.	Miscel-laneous.	Total.						Total charges (direct and indirect).	Deduct old main-tenance and nan-cy charges.	Total working ex-penses on improve-ments.				
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	18,95,068	..	..	..	658	658	1,15,026	10	1,15,668	37,400	78,268	32,031	4,561	27,530	83,577	50,739	2.99	
Godavari delta system	1,56,48,179	..	14,070	1,21,648	18,945	1,54,063	39,82,471	390	41,38,114	1,24,690	40,12,144	9,46,256	..	94,639	31,59,748	17.50		
Krishna do.	1,86,71,775	..	19,602	77,319	41,965	1,25,323	36,75,964	1,568	37,99,019	71,000	37,28,019	7,45,291	..	74,521	30,58,728	16.69		
Divi pumping system	20,08,260	..	176	..	1,875	1,875	2,57,152	..	2,38,702	20,800	2,18,402	1,41,974	20,654	1,21,320	96,728	47.92		
Pennar river canals system	67,33,143	..	..	..	2,693	2,693	8,35,194	..	8,41,853	2,56,000	6,85,853	1,86,430	36,246	1,50,184	6,55,423	4.56		
Kuruch-Cuddapah canal	2,33,66,484	..	695	588	..	13,190	3,30,583	195	3,30,778	35,572	3,57,708	2,05,200	6,356	1,99,304	1,88,318	1,57,802		
Burur tank	4,43,113	..	..	..	1,575	1,575	19,111	..	20,687	4,600	16,187	9,939	..	9,939	10,168	2.30		
Pottrey ancient system	2,79,175	..	716	..	75	791	1,04,401	..	1,05,192	38,000	57,192	24,935	4,624	20,311	80,267	46,881		
Cheruvu do.	4,70,150	..	1,390	..	100	1,490	1,17,226	..	1,18,716	39,000	79,716	45,310	4,747	40,563	73,406	39,153		
Tirukkoyilur do.	3,76,948	..	1,008	..	121	1,129	1,40,137	..	1,41,266	60,000	81,266	16,893	7,360	9,590	1,24,373	71,376		
Shattatope do.	9,72,516	..	575	..	139	714	1,38,841	..	1,39,555	20,000	1,19,555	25,359	2,433	22,926	1,14,468	99,539		
Lower Coleroon ancient system	19,42,892	..	3,074	..	1,917	4,991	4,65,779	108	4,70,682	1,55,000	3,15,682	1,01,416	10,751	90,636	3,09,246	2,55,097		
Toludur project	19,69,453	..	6,899	..	..	16,142	44,98,899	293	45,14,718	84,000	11,14,718	4,75,348	1,56,429	3,18,919	40,39,406	7,95,829		
Canary delta system	45,52,067	..	3,074	431	..	17,350	9,89,545	37	10,06,868	2,04,000	8,02,868	2,00,002	40,653	1,75,329	7,86,886	6,23,619		
Pottur system	1,06,78,475	..	1,270	..	..	8,668	2,30,271	..	2,33,839	79,000	1,54,839	37,151	8,781	28,440	1,96,684	1,26,413		
Sivakantam ancient system	17,65,312	..	..	..	..	..	..	..	1,62,76,517	45,44,072	1,17,32,445	32,09,855	8,02,528	29,07,367	1,30,06,632	88,25,668		
Total	8,35,69,479	..	44,945	1,94,014	1,06,229	3,45,258	1,59,33,934	2,435	1,62,76,517	45,44,072	1,17,32,445	32,09,855	8,02,528	29,07,367	1,30,06,632	88,25,668	9.85	
MAJOR PROTECTIVE WORKS.																		
Rasikulya system	51,20,875	..	224	..	1,068	1,292	2,55,478	6	2,56,764	67,000	1,89,764	81,377	8,727	72,580	1,16,387	1,17,184	2.39	
Bhavanthi tank project	2,50,439	..	..	..	..	..	..	..	..	..	..	2,839	..	2,839	..	2,839	— 1.09	
Mopad reservoir project	23,96,724	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	
Venkatapuram tank project	3,81,480	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	
Total	60,72,513	..	224	..	1,068	1,292	2,55,478	6	2,56,764	67,000	1,89,764	81,377	8,727	72,580	1,16,387	1,17,184	2.39	
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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 1920-1921 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.							
	Own-er's rate.	Plan-tation.	Navi-gation.	Miscel-laneous.						Total.	Total charges (direct and indirect).	Deduct old maintenance and charges.		Total working expenses on improvements.	Total.	Due to improve-ments.	
					3	4	5	6	7								8
CLASS II.—MINOR WORKS AND NAVIGATION—WORKS FOR WHICH CAPITAL AND REVENUE ACCOUNTS ARE KEPT.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.
Ganjam minor rivers system ..	2,71,920	2	..	..	85	1,61,483	..	1,61,568	95,000	56,538	22,889	7,282	15,387	1,38,599	51,181	18.88	
Manjira project ..	6,98,592	..	..	..	582	21,863	..	22,435	2,500	19,935	12,813	374	12,439	9,622	7,486	1.25	
Peddarayadu tank of Chinnarupalem.	63,495	..	..	..	880	880	..	1,363	..	1,363	191	..	191	1,172	1,172	1.85	
Jangaleswarapuram tank ..	71,664	..	..	..	..	..	..	1,847	500	1,347	1,188	..	1,188	659	159	.22	
Almatpur tank ..	1,23,379	..	..	..	..	..	..	3,459	..	3,459	781	..	781	2,678	2,678	2.17	
Pondapad tank ..	1,40,904	..	..	..	..	..	..	942	..	942	729	..	729	213	213	.16	
Hajipuram tank ..	3,11,883	..	..	..	428	428	..	1,707	..	1,707	1,643	..	1,643	64	64	.02	
Ponnalur tank ..	2,16,576	..	..	..	..	..	..	4,554	..	4,554	2,952	..	2,952	1,602	1,602	.74	
Ananthesudram-Birasaru tank.	73,573	..	..	..	..	..	..	4,994	3,600	494	25	1,077	1,052	4,069	1,646	2.10	
Yerur tank ..	63,353	..	..	..	..	..	..	4,276	425	3,851	4,454	..	4,454	178	803	— .96	
Vemba tank ..	63,757	..	..	..	..	..	..	11,125	17,896	8,229	3,995	..	3,995	5,010	8,989	— 1.92	
Sagileru tank ..	4,64,727	..	..	..	30	33	..	8,957	39,000	21,003	337	1,413	1,076	8,660	19,927	— 23.07	
Talapthavanka tank ..	68,824	..	..	..	..	..	..	4,622	2,136	2,486	431	..	1,856	2,228	629	.44	
Cumbum tank ..	86,373	..	..	..	..	..	..	2,245	..	2,245	389	..	389	1,856	1,856	.69	
Markapur tank project ..	1,20,658	..	..	..	120	120	..	17	..	17	..	..	..	476	459	— .34	
Yellamur tank do.	2,69,707	..	..	..	..	..	..	..	..	..	..	..	..	1,557	1,557	— .19	
Kocheruvu tank do.	1,85,794	..	..	..	21	21	..	..	..	..	..	..	..	1,557	1,557	— .19	
Siddapur tank do.	810,649	..	..	..	..	..	..	3,923	2,255	1,667	83	..	83	3,540	1,584	1.44	
Nagaravani ancient and supply channel.	1,02,890	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	
Arankota channel ..	1,44,445	..	..	..	392	392	..	37,299	19,000	18,299	7,026	1,238	6,333	23,473	11,911	8.25	
Thadapalli do. ..	1,75,895	..	..	..	1,470	1,470	..	1,45,861	76,000	69,861	18,929	4,948	13,981	1,26,809	56,880	31.79	
Kalingarayan do. ..	1,80,486	..	..	..	2,283	2,283	..	4,28,820	85,000	43,820	19,438	5,534	13,904	1,03,382	39,916	16.58	
Kanayampalayam ancient system	1,19,119	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	
Palar ancient system	24,63,157	..	..	..	292	292	..	3,62,154	1,35,000	2,26,154	70,889	3,787	57,223	3,18,187	1,96,904	8.63	
Vallara do.	76,282	..	..	..	22	22	..	9,018	5,000	4,018	9,852	1,577	4,975	2,486	557	— 1.25	

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 1920-1921 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.				
1	2	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.—cont.																	
Madras Water-supply and Irrigation system	18,19,114	..	308	..	..	35,919	28,785	..	64,704	11,000	53,704	22,888	4,001	18,927	41,836	35,437	1.65
Chennambakkam tank	7,62,674	..	..	..	2,185	3,185	73,872	..	76,057	16,000	60,057	13,059	6,514	6,545	35,998	53,512	7.02
Mechamattur ancient system	74,507	..	..	..	117	154	20,064	..	20,206	4,000	16,206	3,419	934	2,486	16,787	13,721	18.42
Tridhachalam ancient system	86,686	..	110	..	168	268	34,269	..	34,537	8,500	26,037	6,707	..	6,707	27,830	19,330	22.30
Pelindora do.	6,92,017	..	116	..	433	558	47,155	..	47,682	3,000	44,682	19,556	171	19,385	28,126	26,297	3.86
Nandiyar channel system	66,715	..	..	..	542	542	23,523	..	24,065	17,000	7,065	4,602	4,993	397	19,403	7,462	11.35
Marudur ancient system	51,803	..	1,440	..	8	1,448	2,10,415	..	2,11,863	1,15,000	94,863	14,786	7,325	7,461	1,97,977	89,402	172.57
Panjapatti reservoir	3,35,806	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
NAVIGATION WORKS.																	
Chilka lake canal	31,927	..	113	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Gaujam-Gopalpur canal	1,55,493	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Suckingham do.	96,52,370	..	644	73,952	1,775	77,371	..	529	76,842	..	76,842	2,24,931	..	2,24,931	1,48,148	1,48,148	1.64
Vedaraniyan do.	1,36,432	..	5	565	1	561	..	..	561	..	561	13,740	..	13,740	13,179	13,179	9.66
Total, Minor Works and Navigation	2,04,70,699	..	6,311	74,507	48,461	1,20,279	13,75,336	558	15,04,001	6,38,721	8,55,340	5,06,507	55,046	4,50,551	9,97,444	4,14,778	2.03

F. D. CHANTER,
Deputy Accountant-General.

24th October 1921.

APPENDIX I.

D-II.—Description and quantities of goods, etc., carried on the principal canals in the Madras Presidency during the year 1920-1921.

Kistna canals.												
Description.	Total, Government and Private.						Private.					
	Quantity, tons.			Value.	Quantity.			Value.	Quantity.			Value.
	Up.	Down.	Total.		Tons.	Total.	Tons.					
1	2	3	4	5	6	7	8	9	10	11	12	13
Port Traffic.												
Cotton, raw and manufactured	1,408	1,679	2,987	1,14,79,756	2,987	1,14,79,756	32	6	37	1,68,504	37	1,68,504
do.	15	25	40	3,62,402	25	3,62,402	1	1	2	23,930	20	23,930
Prices and tans	106	99	205	6,67,599	205	6,67,599	64	1,376	1,440	38,88,496	1,440	38,88,496
Rice and paddy	3,32,433	44,668	3,77,101	12,13,34,458	3,77,101	12,13,34,458	82,355	16,777	99,132	1,81,23,226	99,132	1,81,23,226
Other food grains	6,484	16,953	23,437	48,66,748	23,437	48,66,748	3,071	3,879	6,950	16,49,360	6,950	16,49,360
Hides and skins	58	83	141	2,07,698	141	2,07,698	46	335	381	10,08,372	381	10,08,372
Liquors	78	577	655	16,23,698	655	16,23,698	83	83	166	2,12,065	83	2,12,065
Metals	714	913	1,627	12,16,105	1,627	12,16,105	229	229	458	2,69,348	229	2,69,348
Oils	1,630	4,185	5,815	48,95,568	5,815	48,95,568	665	665	1,330	11,71,244	1,330	11,71,244
Oil-seeds	1,633	3,544	5,177	56,58,488	5,177	56,58,488	864	1,429	2,293	7,17,769	2,293	7,17,769
Provisions	22,211	19,434	41,645	5,89,60,872	41,645	5,89,60,872	8,333	4,964	13,297	1,90,37,605	13,297	1,90,37,605
Salt	12,133	7,510	19,643	10,76,734	19,643	10,76,734	14,499	1,451	15,950	8,61,300	15,950	8,61,300
Spices	791	865	1,656	18,28,376	1,656	18,28,376	1,073	1,073	2,146	6,37,973	1,073	6,37,973
Sugar and jaggery	12,694	8,862	21,556	73,81,744	21,556	73,81,744	994	1,992	2,986	32,59,827	2,986	32,59,827
Tobacco	6,744	5,740	12,484	96,65,926	12,484	96,65,926	7,839	122,155	129,994	3,65,922	129,994	3,65,922
Building materials	81,681	696,480	7,78,161	6,82,151	7,78,161	6,82,151	6,808	29,33,879	36,14,732	18,30,938	36,14,732	18,30,938
Miscellaneous goods	39,827	60,502	1,00,329	29,31,379	1,00,329	29,31,379	3,669	20,177	23,84,732	14,30,541	23,84,732	14,30,541
Timber	3,281	16,946	20,227	36,74,732	20,227	36,74,732	788	27,765	28,553	3,84,591	28,553	3,84,591
Firewood	26,299	10,464	36,763	5,41,749	36,763	5,41,749	4,498	5,214	10,197	4,24,484	10,197	4,24,484
Bamboos	370	42,900	43,270	18,12,021	43,270	18,12,021	196	32	138	2,622	138	2,622
Coal and coke	143	272	415	7,630	415	7,630	83	83	166	15,600	83	15,600
Iron	89	89	178	50,648	89	50,648	3	3	6	15,600	3	15,600
Treasures	3	3	6	17,2,518	6	17,2,518	1	1	2	15,600	1	15,600
Total, Port Traffic	556,874	441,847	998,721	18,70,82,013	813,258	18,49,26,211	162,719	174,489	337,208	5,63,42,860	336,428	5,62,88,210
Raft Traffic.												
Timber in logs	75	28,118	28,193	43,04,555	28,193	43,04,555	493	1,223	1,719	2,68,667	1,719	2,68,667
Squared timber	55	330	445	1,07,246	445	1,07,246	..	44	44	10,664	44	10,664
Loggers, broad gauge	..	..	..	..	..	..	..	..	..	..	..	..
2 1/2 metre gauge	..	..	..	..	..	..	..	..	..	..	..	..
Scandlings	..	..	..	..	..	..	..	..	..	..	..	..
Planks	..	..	..	..	..	..	..	..	..	..	..	..
Firewood	..	..	..	..	..	..	..	..	..	..	..	..
Bamboos and reeds	..	..	..	..	..	..	..	..	..	..	..	..
Total, Raft Traffic	508	79,466	79,964	67,22,663	79,964	67,22,663	2,700	4,812	7,512	5,52,146	7,572	5,53,146
Grand Total	557,382	521,303	1,078,685	19,37,61,066	923,222	19,16,54,264	166,419	179,301	344,720	5,68,76,026	343,940	5,68,70,455

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c. iv. Distribution and quantities of seeds of cereals in the principal canals in the Madras Presidency during the year 1920-1921—cont.

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

A. H. MORIN,
Chief Engineer for Irrigation.

E-I.—Statement of areas irrigated under Major (Productive and Protective) Works and Minor Works for which Capital and Revenue Accounts are kept in the Madras Presidency during the year 1920-1921.

Name of canal.	Areas charged as irrigated in acres.						Percentage of double cropped area on the first crop area (col. 2 + 3).	Average discharge, cubic feet per second.				Areas irrigated per cubic foot per second.				Cubic feet of water supplied at head for each acre of land irrigated during the year.	
	First crop.		Second crop.		Total.	Both seasons.		At head.		Utilized.		Discharge at head.		Utilized.		First crop.	Second crop.
	Flow.	Lift.	Flow.	Lift.				First crop.	Second crop.	First crop.	Second crop.	First crop.	Second crop.	First crop.	Second crop.		
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18
Class I Works.																	
Productive.																	
Nagavalli river system	23,169	202	1,984	3	26,348	60	8-31	221	3,611	221	..	95-8	..	95-8	..	115,554	..
Godavari delta system	763,396	15,621	203,485	8,992	881,404	14,197	27-62	9,571	3,611	..	..	79	57	..	..	184,177	214,598
Kistna do.	7,19,887	13,029	2,811	473	736,230	5,150	-45	6,951	..	..	..	108	..	..	..	165,339	..
Divi pumping system	38,735	201	1	1	38,938	1	-01	342	..	..	..	113	..	..	..	131,249	..
Pennar river canals system	161,762	3,171	15,721	211	170,885	491	10-30	..	..	..	..	..	..	..	..	..	..
Kurnool-Cuddapah canal	91,967	1,011	13,089	232	106,259	687	14-33	..	..	..	..	..	..	..	..	..	..
Barur tank	3,300	27	576	..	3,903	397	17-31	..	..	..	..	..	..	..	..	..	..
Poinery anicut system	20,793	615	6,771	162	27,331	74	27-67	..	..	..	..	..	..	..	..	..	..
Cheyyar do.	21,042	522	14,584	224	26,372	47	68-67	..	..	..	..	..	..	..	..	..	..
Tirukkoyilur anicut system	26,131	1,035	6,541	165	33,902	240	21-68	..	..	..	..	..	..	..	..	..	..
Statistope do.	30,380	681	5,717	142	36,920	59	18-86	..	..	..	..	..	..	..	..	..	..
Lower Coleroon do.	106,209	2,297	7,162	449	116,117	453	7-01	..	..	..	..	..	..	..	..	..	..
Cauvery delta system	8,66,262	31,225	96,103	4,522	9,38,112	15,146	11-21	14,969	4,631	14,969	4,631	58	21	58	21	228,428	698,679
Pertiyar system	129,333	379	49,562	132	179,406	1,637	28-31	..	..	..	..	..	..	..	..	..	..
Sivakuntam anicut system	24,229	1,019	17,726	529	43,533	545	72-22	..	..	..	..	..	..	..	..	..	..
Protective.																	
Rushikulya system	104,808	1,496	1,170	797	108,071	212	1-86	..	..	..	..	..	..	..	..	..	..
Class II Works.																	
Minor rivers system																	
Pennar minor rivers system	62,399	2,119	6,023	2,148	72,689	146	12-66	..	..	..	..	..	..	..	..	..	..
Muniyera project	5,653	48	..	..	5,601	..	..	..	..	..	..	..	..	..	..	..	..
Peddanaidu tank of Chinna- palom.	121	..	..	..	121	..	..	..	..	..	..	..	..	..	..	..	..
Jangambeswarapuram tank	733	18	..	..	769	..	..	..	..	..	..	..	..	..	..	..	..
Atmakur tank	766	5	182	6	949	..	24-70	..	..	..	..	..	..	..	..	..	..
Dondapad tank	227	..	..	..	227	..	..	..	..	..	..	..	..	..	..	..	..
Hajipuram tank	6	571	..	..	571	..	..	..	..	..	..	..	..	..	..	..	..

E-I.—Statement of areas irrigated under Major (Productive and protective) Works and Minor Works for which Capital and Revenue Accounts are kept in the Madras Presidency during the year 1920-1921—cont.

Name of canal.	Areas charged as irrigated in acres including waste charged.										Average discharge, cubic feet per second.				Areas irrigated per cubic foot per second.				Cubic feet of water supplied at head for each acre of land irrigated during the year.	
	First crop.			Second crop.			Total acres.	Both seasons.	Percentage of double cropped area on the first crop area (cols. 1+2) (cols. 2+3).	At head.		Utilized.		Discharge at head.		Utilized.		First crop.	Second crop.	
	Flow.	Lift.	Flow.	Lift.	ACS.	ACS.				ACS.	ACS.	First crop.	Second crop.	First crop.	Second crop.	First crop.	Second crop.			
							2	3	4									5	6	7
CLASS II WORKS—cont.																				
Ponnalur tank	722	..	211	..	983	31-99	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Anamasandram tank	1,003	3	2	..	1,008	-20	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Yerur tank	1,546	9	..	..	1,555	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Sagilera system	3,800	18	132	4	3,794	8-72	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Cumbum tank	6,332	203	86	65	6,655	2-73	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Markapur tank	1,319	58	72	..	1,419	6-23	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Arankota channel	4,408	139	380	19	4,916	8-78	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Tadapalli do.	14,768	315	1,782	155	17,020	12-84	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Kalingarayan do.	9,849	2,230	8,760	1,656	22,485	86-91	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Palar anicut system	79,775	1,650	35,976	682	117,983	14-89	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Vallur do.	4,663	532	262	18	5,435	5-30	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Madras water-supply and irrigation system.	7,081	436	3,912	157	11,586	5-13	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Chembambakam tank	13,067	253	9,327	110	22,760	70-83	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Mehamattur anicut system	4,469	20	308	2	4,795	8-91	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Vridhachalam do.	8,394	107	393	11	8,905	4-75	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Palandurai do.	11,982	255	578	9	12,814	4-80	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Nandiyar channel system	5,552	772	2,375	360	9,369	41-29	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Murudor anicut system	17,146	312	15,160	77	32,636	87-27	..	..	..	..	..	..	..	..	..	..	..	..	..	..

Godavari delta
Kistna delta and Divi Pumping system .. 1st June to 30th Nov. 1st Jan. to 30th April
Ponner river canals .. 1st July to 31st Dec. 1st Jan. to 31st March.
Kureool-Cuddapah canal .. 1st June to 30th Nov. 1st Dec. to 31st March.
The above information regarding the periods is only very roughly approximate, for there is not any well marked division between the first and second crops which in many places actually overlap, some of the so-called second crop being planted, while some of the so-called first crop is still on the ground and taking water.
In the case of the Godavari and 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 :—
Godavari delta, Eastern Section .. 1st June to 30th November.
Do. Central .. 14th May to 30th November.
Do. Western .. 3rd May to 30th November.
The areas entered in column 7 both seasons are for lands bearing such crops as betel and sugarcane which require irrigation for the greater part of the year. This is included in the areas of first and second crops.

A. H. MONIN,
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 1920-21.

Name of canal.	Water-rate assessed, 1920-21.				Working expenses.				Area charged during the year 1920-21, first and second crops.	Occupiers' rate.				Total water-rate, direct and indirect.	
	Occupiers.	Owners.	Total, direct.	Indirect.	Total of direct and indirect.	Gross assessed revenue from all sources.	Working expenses, direct and indirect.	Area charged during the year 1920-21, first and second crops.	Per cent on gross revenue.	Per acre irrigated.	Per cubic foot of discharge at canal head.	Per acre irrigated.	Per cubic foot of discharge at canal head.	Per acre irrigated.	Per cubic foot of discharge at canal head.
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	17
CLASS I WORKS.															
<i>Providence.</i>															
Nagavalli river system ..	..	..	1,01,831	13,189	1,15,020	1,15,020	1,15,020	32,031	25,348	27.74	1.27	..	..	..	..
Godavari delta system ..	6,917	..	37,90,426	1,92,046	39,82,471	41,36,144	9,46,893	981,404	981,404	22.83	.96	137	..	..	576
Krishna do. ..	5,152	..	35,40,213	1,34,851	36,75,064	37,99,019	7,45,291	738,230	738,230	19.62	1.01	145	..	..	713
Divi pumping system ..	342	..	1,95,528	41,623	2,37,152	2,38,702	1,41,974	38,933	38,933	59.48	3.65	415	..	..	415
Peonier river canal system ..	..	..	7,79,179	60,016	8,39,194	8,41,853	1,55,430	170,835	170,835	22.15	1.09	..	..	..	..
Kurruol-Cuddapah canal ..	..	..	3,78,623	1,960	3,80,583	3,83,578	2,05,250	106,289	106,289	52.15	1.93	..	..	..	..
Baur tank ..	..	..	18,640	471	19,111	20,637	5,989	3,903	3,903	29.00	1.54	..	..	..	..
Poincy anicut system ..	..	..	98,930	5,451	1,04,401	1,05,192	24,355	27,331	27,331	23.70	.91	..	..	..	..
Chayyar do. ..	..	..	1,13,875	3,351	1,17,226	1,18,716	45,310	38,372	38,372	38.17	1.25	..	..	..	..
Tirukkayilur anicut system ..	..	..	1,38,775	8,352	1,47,127	1,41,268	16,893	16,893	33,902	11.99	.50	..	..	..	..
Sbatatope do. ..	..	..	1,23,632	15,209	1,38,841	1,39,555	25,389	25,389	36,929	18.19	.69	..	..	..	..
Lower Coleroon do. ..	..	..	4,14,269	51,510	4,65,779	4,70,682	1,01,416	116,117	116,117	21.55	.87	..	..	..	..
Cauvery delta system ..	7,792	..	43,50,827	1,18,072	44,68,899	45,14,748	4,75,318	998,112	998,112	10.53	.48	82	..	..	583
Periyar system ..	..	..	9,37,504	51,741	9,89,245	10,05,888	2,30,002	179,406	179,406	21.55	1.22	..	..	..	..
Sivakuntam anicut system ..	..	..	2,28,781	1,190	2,30,471	2,33,839	37,151	43,533	43,533	15.89	.85	..	..	..	..
Koshikuliya system ..	..	..	2,50,942	4,586	2,55,478	2,55,784	81,377	108,071	108,071	31.69	.75	..	..	..	..
CLASS II WORKS.															
Ganjam minor rivers system ..	..	..	1,54,159	7,324	1,61,483	1,61,503	22,693	72,689	72,689	14.03	.31	..	..	..	..
Manjira project ..	..	..	21,793	60	21,853	22,435	12,813	5,601	5,601	57.11	2.29	..	..	..	..
Vaddanada tank ..	..	..	488	..	488	1,363	191	121	121	14.01	1.58	..	..	..	..
Yagunaheswarapuram tank ..	..	..	1,847	..	1,847	1,847	1,188	759	759	64.32	1.67	..	..	..	..
Amatur tank ..	..	..	3,459	..	3,459	3,459	781	949	949	22.58	.82	..	..	..	..

E-III.—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 1920-21—contd.

Name of canal.	Water-rate assessed, 1920-21.				Working expenses.				Area charged during the year 1920-21, first and second crops.	Occupiers' rate.				Total water-rate, direct and indirect.	
	Occupiers.	Owners.	Total, direct.	Indirect.	Total of direct and indirect.	Gross assessed revenue from all sources.	Working expenses, direct and indirect.	Area charged during the year 1920-21, first and second crops.	Per cent on gross revenue.	Per acre irrigated.	Per cubic foot of discharge at canal head.	Per acre irrigated.	Per cubic foot of discharge at canal head.	Per acre irrigated.	Per cubic foot of discharge at canal head.
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	17
CLASS II WORKS—contd.															
Dondapad tank ..	..	..	939	8	947	942	729	237	237	77.38	3.08	..	..	..	..
Hajipuram tank ..	..	..	1,264	15	1,279	1,797	1,643	571	571	96.25	2.88	..	..	..	..
Ponnalur tank ..	..	..	4,554	..	4,554	4,554	2,952	953	953	64.82	3.10	..	..	..	..
Anamasuluram-Berapur tank ..	..	..	4,083	1	4,084	4,094	25	1,003	1,003	.61	.02	..	..	..	..
Terur tank ..	..	..	4,212	64	4,276	4,275	4,454	1,555	1,555	104.15	3.86	..	..	..	..
Sagilera system ..	..	..	11,178	4	11,182	11,215	6,205	3,794	3,794	55.33	1.64	..	..	..	..
Cumbum tank ..	..	..	8,525	481	9,006	8,997	337	5,685	5,685	3.75	.06	..	..	..	..
Marakapur tank ..	..	..	4,501	1	4,502	4,522	2,394	1,449	1,449	51.80	1.65	..	..	..	..
Arkenkota channel ..	249	..	38,497	410	38,907	37,289	7,620	4,946	4,946	20.45	1.54	31	..	..	148
Thadapalli channel ..	443	..	1,41,401	2,900	1,44,391	1,45,861	18,929	17,020	17,020	12.98	1.11	42	..	..	325
Kaligayayan channel ..	784	..	1,26,049	483	1,26,532	1,28,320	19,438	22,485	22,485	15.09	.86	25	..	..	161
Palar anicut system ..	..	..	3,65,897	16,733	3,82,630	3,89,156	70,989	117,953	117,953	18.24	.60	..	..	..	..
Vallur do. ..	..	..	7,615	1,074	8,719	9,018	6,552	5,465	5,465	72.65	1.20	..	..	..	..
Madras water-supply and irrigation system.	..	..	26,323	492	26,785	81,794	22,868	11,586	11,586	35.36	1.97	..	..	..	..
Chembamalakam tank ..	..	..	72,964	908	73,872	75,657	13,020	22,760	22,760	17.17	.57	..	..	..	..
Mehamatur anicut system ..	..	..	29,003	51	29,054	29,206	3,419	4,799	4,799	16.92	.71	..	..	..	..
Viddachalam do. ..	..	..	33,975	294	34,269	34,537	6,707	8,905	8,905	19.42	.75	..	..	..	..
Pelandurai do. ..	..	..	47,049	76	47,125	47,682	19,556	12,814	12,814	41.01	1.53	..	..	..	..
Nandiyar channel system ..	..	..	23,469	54	23,523	21,055	4,602	9,859	9,859	19.12	.49	..	..	..	..
Marudur anicut system ..	..	..	2,10,145	270	2,10,415	2,11,863	14,785	32,695	32,695	6.91	.45	..	..	..	..

A. H. MURTHY,
Chief Engineer for Irrigation.

III-E.—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>	ACS.	ACS.	ACS.	ACS.	ACS.	ACS.
1. Vizagapatam ..	Nagavali river project ..	22,236	202	1,984	3	24,425	50
2. Godavari ..	Godavari delta system ..	340,607	5,736	59,092	3,893	409,328	9,949
Kistna ..	Do. ..	383,819	9,865	143,668	5,009	542,401	4,248
	Total ..	724,425	15,621	202,780	8,902	951,729	14,197
3. Kistna ..	Kistna delta system ..	405,533	9,081	1,400	378	416,392	2,082
Guntur ..	Do. ..	298,717	3,948	1,434	95	304,194	2,067
	Total ..	704,250	13,029	2,834	473	720,586	5,150
4. Kistna ..	Divi pumping system ..	38,521	201	1	1	38,724	1
5. Nellore ..	Pennar river canal system.	145,270	3,171	16,720	441	164,402	491
6. Karnool ..	Karnool-Cuddapah canal.	56,715	488	7,529	197	64,927	376
Cuddapah ..	Do. ..	28,172	496	5,410	35	34,113	309
	Total ..	84,885	984	12,939	232	99,040	635
7. Cuddapah ..	Chépad channel ..	6,346	27	150	..	6,523	2
	Total of Karnool-Cuddapah canal and Chépad channel.	91,231	1,011	13,089	232	105,563	687
8. Salem ..	Barur tank ..	2,890	27	576	..	3,493	397
9. North Arcot ..	Poincy ancient system ..	16,936	588	5,290	150	22,964	72
Chittoor ..	Do. ..	1,345	27	489	2	1,855	2
	Total ..	18,281	615	5,771	152	24,819	74
10. Chingleput ..	Cheyyar ancient system ..	437	..	310	..	747	..
North Arcot ..	Do. ..	19,355	522	14,274	224	34,375	47
	Total ..	19,792	522	14,584	224	35,122	47
11. South Arcot ..	Tirukkoyilar ancient system.	25,192	1,033	5,541	165	32,933	240
12. South Arcot ..	Shatitope ancient system.	28,723	681	5,717	142	35,263	59
13. South Arcot ..	Lower Coleroon ancient system.	82,149	1,377	6,476	223	90,224	275
Tanjore ..	Do. ..	21,690	926	687	276	23,523	178
	Total ..	103,839	2,297	7,152	449	113,747	453
14. Trichinopoly ..	Cauvery delta system ..	43,282	2,432	1,441	1,417	68,582	1,739
Tanjore ..	Do. ..	793,741	28,793	74,033	3,745	899,672	13,408
	Total ..	837,023	31,225	95,484	4,522	998,254	15,146
15. Madura ..	Periyar system ..	125,321	379	43,562	133	176,894	1,637
16. Tinnevely ..	Sitvaikuntam ancient system.	22,551	1,019	17,703	526	41,802	545
17. Ganjam ..	Rushikulya system ..	102,614	1,496	1,170	72	106,077	212
	Total of class I Works ..	3,013,660	72,531	440,678	16,961	3,543,833	39,386
	<i>Class II Works.</i>						
1. Ganjam ..	Ganjam minor rivers system.	59,083	2,119	6,004	2,148	62,354	146
2. Kistna ..	Munlyaru project ..	5,553	48	..	..	5,601	..
3. Do. ..	Paradanayudu tank of Chinnarowpalem.	121	..	..	..	121	..
4. Guntur ..	Jangannaleswarapuram tank.	662	18	..	..	685	..
5. Do. ..	Atmakur tank ..	649	5	182	6	842	..
6. Do. ..	Dondapad tank ..	237	..	..	..	237	..
7. Nellore ..	Hajipuram tank ..	474	..	..	..	474	..
8. Do. ..	Ponnalur tank ..	688	..	231	..	899	..
9. Do. ..	Anamasamadram Bira-peru tank.	663	3	2	..	668	..
10. Do. ..	Erur tank ..	1,135	9	..	..	1,144	..
11. Cuddapah ..	Sagilera system ..	3,239	58	132	4	3,433	67
12. Do. ..	Nagararam ancient and supply channel.	602	..	399	..	1,001	46
13. Arantapur ..	Yellalur tank ..	363	..	11	..	374	..

I and II works and the value of crops raised thereon for fasli 1330 (1920-21).

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.
23,186	24,56,369	141	9,574	1,098	51,628	24,425	25,17,571
358,859	5,42,46,234	2,330	1,51,224	46,082	74,77,195	406,771	6,18,77,293
483,815	5,57,78,024	1,577	1,30,798	41,302	17,98,294	531,694	5,57,67,116
847,174	10,50,26,358	3,997	2,82,722	87,384	92,75,399	938,465	11,76,84,379
405,356	5,58,91,373	1,576	1,21,414	9,376	1,71,224	416,310	5,61,84,011
297,999	4,16,97,452	816	79,380	5,365	7,16,789	304,179	4,24,93,621
703,357	9,75,88,525	2,391	2,00,794	14,741	8,88,013	720,489	9,86,77,632
37,465	47,99,317	313	47,071	938	7,285	38,716	48,53,973
154,403	1,54,57,042	3,491	2,64,245	5,699	6,44,203	163,593	1,65,05,490
25,007	30,17,856	260	26,643	39,660	15,29,845	64,927	45,74,444
18,888	23,68,443	5,864	6,19,431	9,324	3,60,557	34,056	33,48,531
43,875	53,85,299	6,124	6,46,074	48,984	18,90,602	98,983	79,22,975
5,712	6,16,860	532	50,454	276	4,172	6,520	6,71,495
49,687	60,03,168	6,656	6,96,528	49,260	18,94,774	105,503	85,94,470
2,473	2,04,437	183	12,566	668	69,497	3,329	2,85,500
18,432	19,72,230	2,993	3,03,728	1,338	38,295	22,763	23,19,252
1,364	1,69,340	346	49,492	145	6,896	1,555	2,25,223
19,796	21,41,570	3,332	3,58,220	1,483	41,651	24,616	25,44,481
714	57,307	20	1,509	13	126	747	58,942
31,615	32,42,243	2,505	2,82,630	255	14,057	34,375	35,38,930
32,329	32,99,530	2,525	2,84,139	268	14,183	35,122	35,97,872
27,728	28,06,105	2,693	2,41,764	2,512	1,39,897	32,933	31,87,765
31,522	30,64,783	2,247	2,06,839	1,494	47,898	35,263	33,19,520
87,978	83,47,027	828	78,829	1,414	58,947	90,220	87,84,813
22,340	18,80,667	420	30,817	760	1,64,933	23,520	20,76,417
110,313	1,05,27,694	1,248	1,09,656	2,174	2,23,880	113,740	1,08,61,230
62,924	80,46,917	1,833	1,64,403	3,826	6,09,609	68,582	68,20,920
859,751	7,43,85,502	11,997	8,82,688	28,306	68,46,446	899,654	8,21,14,636
921,671	8,24,32,419	13,830	10,47,091	32,132	74,56,046	967,636	9,09,35,556
167,763	1,88,02,532	4,808	3,61,769	4,320	7,09,169	175,894	1,98,73,490
39,210	36,13,233	357	36,287	3,141	8,34,325	41,708	44,84,545
103,980	82,30,426	1,250	68,778	847	1,46,882	106,077	84,44,086
3,270,973	36,94,94,048	49,379	43,26,743	208,169	2,24,47,770	3,528,511	39,62,68,561
60,471	53,16,406	4,454	3,05,290	4,361	1,35,834	69,286	57,59,530
5,529	5,29,841	..	..	43	1,375	5,572	5,31,216
121	9,744	..	..	..	..	121	2,744
297	23,626	18	1,945	570	760	685	25,731
415	34,257	55	5,515	372	1,500	842	41,272
224	28,055	12	1,371	1	5	237	29,431
..	..	365	47,782	69	900	474	49,632
392	57,252	16	1,703	491	10,678	899	69,639
933	89,350	21	1,733	4	499	958	91,522
1,440	1,55,037	1	136	3	569	1,444	1,55,742
1,532	1,37,150	511	45,981	1,223	26,567	3,271	2,09,698
790	99,250	106	12,043	105	4,250	1,001	1,15,543
91	12,636	123	14,510	150	3,433	374	30,579

III-E.—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 II works—cont.</i>	ACS.	ACS.	ACS.	ACS.	ACS.	ACS.
14. Kurnool ..	Umbum tank ..	4,633	203	86	65	4,987	145
15. Do. ..	Markapur tank ..	1,274	58	72	..	1,404	..
16. Coimbatore ..	Arakkankottai channel ..	4,322	139	380	19	4,850	18
17. Do. ..	Tadapalli channel ..	14,695	315	1,782	155	16,947	480
18. Do. ..	Kelingarayan channel ..	9,699	2,230	8,760	1,625	22,384	2,385
19. North Arcot ..	Palar anicut system ..	52,885	1,318	26,350	456	80,990	829
Chingleput ..	Do. ..	21,294	332	8,753	125	30,805	24
	Total ..	74,260	1,650	35,103	582	111,595	333
2. Chingleput ..	Vallar anicut system ..	4,048	532	195	18	4,786	82
21. Do. ..	Madras water-supply and irrigation system.	6,524	436	3,912	157	11,029	380
22. Do. ..	Chentrambakkam tank.	12,701	256	9,327	110	22,394	715
23. South Arcot ..	Mehmatpur anicut system.	4,423	20	308	2	4,753	82
24. Do. ..	Vridhachalam anicut system.	8,291	107	393	11	8,802	247
25. Do. ..	Pelandurai anicut system.	11,788	265	575	2	12,640	94
26. Trichinopoly.	Nandiyar channel system.	5,700	772	2,375	360	9,207	380
27. Tinnevely ..	Marudur anicut system.	16,747	312	15,160	77	32,296	875
	Total of class II works ..	253,134	9,555	85,400	5,418	353,507	6,556
	Grand total of classes I and II works.	3,266,794	82,086	526,078	22,382	3,897,340	45,942

DIX I—cont.

I and II works and the value of crops raised thereon for fasli 1330 (1920-21)—cont.

Value of crops.							
Paddy.		Ragi.		Other crops.		Total	
Area irrigated.	Estimated value.	Area irrigated.	Estimated value.	Area irrigated.	Estimated value.	Area irrigated.	Estimated value.
(9)	(10)	(11)	(12)	(13)	(14)	(15)	(16)
ACS.	RS.	ACS.	RS.	ACS.	RS.	ACS.	RS.
1,446	53,135	2,571	1,06,821	645	22,168	4,663	1,82,124
651	49,361	558	62,801	95	2,471	1,404	1,14,723
4,788	5,25,142	23	1,554	49	10,407	4,860	5,87,103
15,720	15,73,847	66	5,234	1,142	2,40,591	16,947	18,19,642
16,942	22,72,408	2,153	2,27,515	3,289	7,17,439	22,384	32,47,363
72,586	78,15,017	6,628	7,07,104	1,755	1,61,370	80,969	85,83,497
28,068	28,23,955	2,151	1,91,115	386	6,534	30,805	25,21,504
100,654	1,01,35,972	8,779	8,68,219	2,141	1,67,610	111,574	1,12,05,101
4,192	5,70,574	330	35,302	264	85,855	4,786	6,91,740
10,076	11,22,862	428	36,530	515	1,66,058	11,019	13,25,450
20,958	23,40,423	358	25,632	1,048	3,64,770	22,394	27,80,831
4,414	4,65,133	207	18,566	132	11,660	4,753	5,55,564
8,223	8,21,450	130	10,035	448	11,490	8,801	8,42,985
11,895	10,91,120	291	25,378	454	15,250	12,640	11,31,752
7,050	7,20,281	1,000	75,539	1,157	1,55,120	9,207	9,50,943
29,861	20,10,977	409	33,937	1,735	8,36,030	32,006	39,44,000
309,105	3,12,38,289	23,164	20,04,590	20,332	30,84,572	352,601	3,63,27,450
3,560,078	40,07,32,337	72,543	63,31,333	228,491	2,55,32,341	3,881,112	43,25,96,011

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 = 16,228 acres.

Prepared by the Board of Revenue—vide B.P. No. 150, dated 11th November 1921.

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

Civil districts.	Of the civil districts.			Works supplying irrigation.		Culturable area commanded by the irrigation works in column (6) in acres.	Area at present estimated as annually irrigable by the works as specified in column (6) in acres.
	Total area in acres.	Culturable area in acres.	Cultivated area in acres.	No.	Name.		
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)
Ganjam ..	3,094,955	1,982,017	1,689,721	1	Rushikulya system ..	142,000	106,000
				2	Ganjam minor rivers system.	64,000	59,000
				3	Class III works ..	122,710	122,710
					Total ..	328,710	287,710
Vizagapatam ..	2,923,546	1,745,153	1,464,501	1	Nagavali river project ..	31,200	26,000
				2	Class III works ..	87,527	87,527
					Total ..	118,727	113,527
Agency division	12,592,976	4,728,175	1,747,016	1	Godavari delta system ..	326,253	328,429
				2	Class III works ..	79,449	79,449
					Total ..	475,702	407,878
Godavari ..	1,615,684	1,178,838	985,280	1	Godavari delta system ..	326,253	328,429
				2	Class III works ..	79,449	79,449
					Total ..	475,702	407,878
Kistna ..	3,515,224	2,798,087	2,049,715	1	Kistna delta system ..	543,000	429,053
				2	Godavari delta system ..	525,000	417,000
				3	Manyara project ..	13,024	10,000
				4	Diri pumping system ..	80,000	40,000
				5	Teddannayda tank of Chinnarowpalem.	720	720
				6	Class III works ..	48,018	45,018
					Total ..	1,260,658	945,801
Guntur ..	2,946,182	1,749,659	2,296,520	1	Kistna delta system ..	357,000	305,000
				2	Donnapad tank ..	2,880	1,950
				3	Atmakur tank ..	1,100	1,100
				4	Jangamaheswarapuram tank.	960	960
				5	Class III works ..	26,106	26,106
					Total ..	358,106	335,156
Kurnool† ..	4,829,787	2,949,342	1,928,405	1	Kurnool-Cuddapah canal.	319,869	103,743
				2	Cumbum tank ..	6,000	5,980
				3	Markapur tank ..	1,700	1,632
				4	Class III works ..	43,402	43,402
					Total ..	370,971	154,757
Bellary + ..	3,644,866	2,968,229	2,239,479		Class III works ..	55,621	55,621
				1	Yellanur tank ..	1,841	1,442
				2	Class III works ..	148,616	148,616
Anantapur ..	4,281,668	3,310,114	1,757,473		Total ..	150,257	150,078
				1	Kurnool-Cuddapah canal including Chepad channel.	37,601	19,156
				2	Saglere system ..	26,576	4,664
Cuddapah ..	3,724,635	1,994,408	1,110,462	3	Nagavaram ancient and Supply channel.		
				4	Class III works ..	100,059	100,059
					Total ..	164,236	123,879
Nellore ..	5,108,053	2,918,000	1,316,711	1	Pennar river canal system	190,000	147,274
				2	Ponnalur tank ..	1,973	1,000
				3	Hajipuram tank ..	2,900	700
				4	Anamasamudram-Biraperu tank.	1,000	961
				5	Erur tank ..	1,236	1,113
				6	Class III works ..	136,750	136,750
					Total ..	333,859	287,828
Chingleput ..	1,964,182	1,146,075	954,641	1	Palar ancient system ..	24,102	24,102
				2	Chenbrambakkam tank ..	21,478	18,000
				3	Madras water-supply and irrigation system.	10,165	9,552
				4	Vallur ancient system ..	6,791	5,216
				5	Cheyyar ancient system ..	540	454
				6	Class III works ..	360,622	360,622
					Total ..	426,701	418,286

* Separate figures for Ganjam, Vizagapatam and Godavari not available.

† Excluding Feudatory States.

DIX I.

Madras Presidency for the revenue year ending 30th June 1921.

Area irrigated in acres.						Rainfall in inches.	
Revenue year ending 30th June 1920.			Revenue year ending 30th June 1921.			1919-20.	1920-21.
Kharif, I Crop.	Rabi, II Crop.	Total.	Kharif, I Crop.	Rabi, II Crop.	Total.	(15)	(16)
(9)	(10)	(11)	(12)	(13)	(14)		
103,651	3,202	106,853	104,110	1,967	106,077	64.19	34.87
62,552	7,249	69,801	61,202	8,152	69,354		
117,597	11,717	129,314	117,237	5,187	122,424		
283,809	22,168	305,968	282,549	15,306	297,855	51.98	32.66
21,165	9,209	30,374	22,438	1,987	24,425		
84,895	26,999	111,894	58,070	13,003	71,073		
102,060	36,208	142,268	80,508	14,990	95,498	48.24	32.78
345,294	132,705	480,999	346,543	62,985	409,528		
65,073	12,583	77,656	47,208	1,846	49,054		
413,867	145,288	558,655	393,551	64,831	458,382	41.08	27.62
407,351	8,430	415,781	414,614	1,778	416,392		
389,138	265,676	644,214	393,704	148,697	542,401		
6,105	..	6,105	5,601	..	5,601	27.90	24.64
34,984	43	35,027	38,722	2	38,724		
116	..	116	121	..	121		
43,156	3,808	46,964	33,006	1,104	34,110	28.33	14.69
880,850	267,337	1,148,207	885,768	151,581	1,037,349		
298,913	1,885	300,803	302,665	1,629	304,194		
93	..	93	237	..	237	29.09	11.72
296	134	430	654	188	842		
716	45	761	680	5	685		
19,978	1,863	21,841	20,836	1,324	22,160	25.66	16.58
320,001	3,927	323,928	325,072	3,046	328,118		
32,460	7,781	40,241	57,201	7,726	64,927		
5,125	3,305	8,430	4,836	151	4,987	39.29	38.64
1,488	538	2,024	1,332	72	1,404		
43,837	6,966	50,803	33,664	3,350	37,014		
82,920	18,668	101,508	97,033	11,299	108,332	57.6	57.08
48,191	14,481	62,672	44,214	10,234	54,448		
145,389	66,509	211,798	98,101	19,359	117,460		
145,289	66,509	211,798	98,464	19,370	117,834	39.04	23.04
33,174	6,940	40,114	35,041	5,595	40,636		
4,038	1,490	5,528	3,297	136	3,433		
98,700	39,074	135,774	87,117	25,587	112,704	39.29	38.64
133,972	47,504	181,476	126,057	31,717	157,774		
147,653	46,147	193,740	148,441	15,961	164,402		
657	231	888	668	231	899	39.29	38.64
628	290	918	474	..	474		
961	294	1,255	956	2	958		
1,428	..	1,428	1,444	..	1,444	57.6	57.08
128,246	26,570	154,816	129,337	15,781	145,118		
279,513	73,632	353,045	281,320	31,975	313,295		
21,901	10,877	32,778	21,726	8,879	30,605	57.6	57.08
12,852	4,141	16,993	12,957	9,437	22,394		
6,969	4,065	11,034	6,960	4,069	11,029		
4,707	675	5,382	4,570	216	4,786	57.6	57.08
437	369	806	437	310	747		
332,841	146,688	479,529	333,474	129,165	462,640		
379,707	166,715	546,422	380,124	152,077	532,201		

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

Civil districts.	Of the civil districts.			Works supplying irrigation.		Culturable area commanded by the irrigation works in column (6) in acres.	Area at present estimated as annually irrigable by the works as specified in column (8) in acres.
	Total area in acres.	Culturable area in acres.	Cultivated area in acres.	No.	Name.		
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)
South Arcot ..	2,693,098	1,928,998	1,629,973	1	Pelandore ancient system.	16,677	12,837
				2	Lower Coleroon ancient system.	86,000	84,244
				3	Shattatope ancient system.	43,965	34,025
				4	Vridhachalam ancient system.	16,359	8,829
				5	Mehmattur ancient system.	10,651	4,555
				6	Tirukkoyilur ancient system.	45,977	30,954
				7	Class III works ..	296,676	2,66,676
					Total ..	516,305	472,120
North Arcot ..	3,170,935	1,663,517	1,390,463	1	Palar ancient system ..	80,930	54,566
				2	Cheyyar do.	28,921	21,969
				3	Poiney do.	23,824	22,462
				4	Class III works ..	232,916	232,916
					Total ..	366,591	331,913
Chittoor ..	3,690,316	1,689,516	780,335	1	Poiney ancient system ..		
				2	Class III works ..	110,742	110,742
					Total ..	110,742	110,742
Salem ..	4,423,917	2,546,860	1,854,840	1	Barur tank ..	6,887	6,887
				2	Class III works ..	111,301	111,301
					Total ..	118,188	118,188
Coimbatore ..	4,608,991	2,526,175	2,278,954	1	Tadapalli channel ..	16,000	15,000
				2	Arakkankottai channel ..	6,000	4,756
				3	Kalingariyan channel ..	15,000	12,000
				4	Class III works ..	66,847	66,847
					Total ..	103,847	98,597
Trichinopoly.*	2,764,767	2,160,913	1,589,178	1	Cauvery delta system ..	44,667	44,008
				2	Nandyar channel ..	2,480	6,620
				3	Class III works ..	155,569	155,569
					Total ..	209,716	206,197
Tanjore ..	2,388,861	1,720,475	1,472,792	1	Cauvery delta system ..	864,367	856,918
				2	Lower Coleroon ancient system.	31,233	23,685
				3	Class III works ..	84,225	84,225
					Total ..	979,825	964,828
Madura ..	3,210,294	2,098,170	1,564,578	1	Periyar system ..	Not known.	143,000
				2	Class III works ..	131,262	131,262
					Total ..	131,262	274,262
Ramnad ..	2,170,266	1,789,810	1,463,963		Class III works ..	36,231	36,231
Tinnevely ..	2,767,495	1,973,162	1,503,379	1	Srivaikuntam ancient system.	33,500	23,014
				2	Marudur ancient system ..	17,920	17,920
				3	Class III works ..	174,288	174,288
					Total ..	225,708	215,222
Grand total ..	82,824,868	50,666,416	35,100,332		Total of classes I and II works.	4,252,136	3,488,795
					Total of class III works ..	2,609,837	2,609,837
					Total ..	6,861,973	6,108,632

* Excluding Pundatory States.

Prepared by the Board of Revenue—vide B.P. No. 150, dated 11th November 1921.

Madras Presidency for the revenue year ending 30th June 1921—cont.

Area irrigated in acres.						Rainfall in inches.	
Revenue year ending 30th June 1920.			Revenue year ending 30th June 1921.			1919-20.	1920-21.
Kharif, I Crop.	Rabi, II Crop.	Total.	Kharif, I Crop.	Rabi, II Crop.	Total.	1919-20.	1920-21.
(9)	(10)	(11)	(12)	(13)	(14)	(15)	(16)
11,402	541	11,943	12,053	587	12,640	58.99	61.85
83,554	8,040	91,594	83,526	6,698	90,224		
28,251	3,775	32,026	29,464	5,859	35,263		
8,091	426	8,517	8,398	404	8,802		
4,344	394	4,738	4,443	310	4,753		
24,407	5,290	29,697	26,227	3,703	32,933		
268,843	26,299	365,182	280,896	104,024	384,920		
428,332	114,675	543,007	444,947	124,588	569,535	48.53	35.78
53,767	26,979	80,746	54,184	26,806	80,990		
19,463	14,671	34,134	19,877	14,498	34,375		
19,034	18,412	37,446	17,624	5,440	22,964		
210,713	116,275	326,988	213,344	102,447	315,791		
303,677	166,337	469,914	304,929	149,191	454,120		
1,390	619	2,009	1,372	483	1,855		
93,274	39,105	132,379	79,360	30,372	110,322	45.26	31.17
94,664	39,724	134,388	81,322	30,855	112,177		
3,521	2,226	5,747	2,917	576	3,493		
98,334	29,644	127,978	97,476	33,544	131,020		
101,855	41,870	143,725	100,393	34,120	134,513		
15,007	1,879	16,886	15,010	1,937	16,947		
4,532	519	5,051	4,461	399	4,860		
11,900	10,288	22,188	11,929	10,455	22,384	29.11	28.48
64,826	18,249	83,075	64,294	19,089	83,383		
96,275	30,935	127,210	95,694	31,880	127,574		
45,236	21,643	66,879	45,714	22,888	68,582		
6,402	2,989	9,391	6,472	2,735	9,207		
146,393	68,181	214,574	146,417	70,791	217,208		
198,031	92,813	290,844	198,603	96,394	294,997		
819,230	84,624	903,854	822,534	77,138	899,672	64.74	76.20
23,636	1,124	24,760	22,610	913	23,523		
68,980	10,441	79,421	70,118	9,705	79,823		
911,246	96,189	1,007,435	915,262	87,755	1,003,018		
125,560	50,776	176,336	127,200	49,694	176,894		
114,377	40,046	154,423	121,267	48,276	169,543		
239,937	90,622	330,559	248,467	97,970	346,437		
35,012	16,204	51,216	34,524	14,333	48,857	44.44	42.20
23,195	20,065	43,260	23,670	18,232	41,902		
16,982	14,998	31,980	17,059	15,237	32,296		
163,155	103,347	266,502	165,073	99,096	264,169		
203,332	135,410	338,742	205,702	132,565	338,267		
3,296,771	785,207	4,081,978	3,348,880	548,460	3,897,340		
2,389,760	902,049	3,291,809	2,275,623	767,618	3,043,241		
5,686,531	1,687,256	7,373,787	5,624,603	1,306,078	6,930,681	42.15	35.77

APPENDIX I.

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 1921.

Description of crop.	Gudavari and Kistna ancient 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 (Classes 2 of the Madras Irrigation and Canal Company's rates).	..	..	3 0 0	..	..
19. Mundia paddy	..	..	2 0 0	..	..
20. (a) Water-rate for a single wet crop on wet or manual 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 31 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 (c) 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 1921—cont.

Description of crop.	Gudavari and Kistna ancient 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. 6 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 totes, coconut totes and other tote 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. 1	RS. A. P. 2 0 0	RS. A. P. 6 0 0
2. Do.	Dry, systematically irrigated	1	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. 146, dated 18th October 1921.

Statement showing the financial results of irrigation.

Systems.	Area charged as irrigated and area irrigated free of charge.					
	First crop.			Second crop.		
	Old irrigation.	New irrigation.	Total.	Old irrigation.	New irrigation.	Total.
(1)	(2)	(3)	(4)	(5)	(6)	(7)
CLASS I.	ACS.	ACS.	ACS.	ACS.	ACS.	ACS.
<i>Imperial Major Productive Works.</i>						
1. Nagavali river project	10,600	12,761	23,361	5,200	3,213	1,987
2. Godavari delta system	156,150	612,867	769,017	..	212,887	212,887
3. Krishna delta system	70,710	662,206	732,916	..	3,314	3,314
4. Diefi pumping system	9,900	29,036	38,936	..	2	2
5. Ponnar river canals system ..	99,080	55,843	154,923	1,050	14,912	15,962
6. Ponnar river canals system ..	6,643	79,874	86,517	..	13,171	13,171
6A. Chappad channel	1,406	5,045	6,451	56	94	150
6B. Barar tank	1,830	1,997	3,827	430	146	576
8. Poincy anicut system	15,550	5,858	21,408	2,600	3,423	5,923
9. Cheyyar anicut system	14,960	6,604	21,564	1,630	13,178	14,808
10. Tirukkoyilar anicut system ..	16,080	11,116	27,196	30	6,676	6,706
11. Shattatope anicut system ..	7,160	23,901	31,061	..	5,859	5,859
12. Lower Coleroon anicut system	44,760	63,746	108,506	170	7,441	7,611
13. Cavery delta system	745,350	152,137	897,487	34,080	66,545	100,625
14. Periyar system	65,600	64,112	129,712	16,100	33,594	49,694
15. Srivikraman anicut system ..	14,580	10,698	25,278	5,850	12,405	18,255
Total ..	1,279,859	1,797,801	3,077,660	67,096	389,934	457,030
<i>Protection Works.</i>						
1. Rushikulya system	58,100	48,004	106,104	..	1,967	1,967
Total of class I works ..	1,337,959	1,845,805	3,183,764	67,096	391,901	458,997
CLASS II.						
<i>Provincial Minor Works and Navigation for which Capital and Revenue Accounts are kept.</i>						
1. Ganjam minor rivers system ..	51,260	13,258	64,518	..	8,171	3,171
2. Munjiru project	600	5,001	5,601	..	..	..
3. Peddaganadu tank of Chinnarow-palem ..	..	121	121	..	..	..
4. Jangamhewarapuram tank ..	150	604	754	7	2	5
5. Amakur tank	..	761	761	..	188	188
6. Dondapad tank	..	237	237	..	..	..
7. Hajipuram tank	..	571	571	..	..	..
8. Ponnalur tank	..	722	722	..	231	231
9. Anamasamudram Biraperu tank ..	900	106	1,006	80	78	2
10. Erur tank	80	1,475	1,555	2	2	..
11. Sagileru system	3,900	242	3,658	700	554	136
12. Cumbum tank	4,850	685	5,535	2,670	2,519	151
13. Markapur tank	450	927	1,377	50	22	72
14. Arakkankottai channel	2,730	1,817	4,547	10	389	399
15. Tadapalli channel	9,990	5,093	15,083	170	1,767	1,937
16. Kalingarayan channel	8,300	3,730	12,030	8,350	2,105	10,455
17. Palar anicut system	53,820	27,535	81,355	16,070	20,488	36,558
18. Vallar anicut system	4,030	1,165	5,195	10	260	270
19. Madras water-supply and irrigation system ..	5,630	1,887	7,517	780	3,289	4,069
20. Chembambakkam tank	11,370	1,953	13,323	1,160	8,277	9,437
21. Mehmattur anicut system ..	990	3,499	4,489	..	310	310
22. Vridhachalam anicut system ..	2,430	6,071	8,501	..	404	404
23. Pelandurai anicut system ..	2,120	10,107	12,227	100	487	587
24. Nandiyar channel	4,680	1,944	6,624	1,570	1,165	2,735
25. Marudur anicut system	17,020	438	17,458	590	14,647	15,237
26. Nagavaram anicut and supply channel ..	452	166	618	235	164	399
27. Yellaur tank	..	1,199	1,199	..	11	11
Total of class II works ..	185,822	90,830	276,652	32,554	59,210	91,764
Grand total of classes I and II works ..	1,523,781	1,936,635	3,460,416	99,650	451,111	550,761

* Based on the figures furnished by the Tahsildar concerned.
Prepared by the Board of Revenue—vide B.P. No. 146, dated 18th October 1921.

works of classes I and II for fasli 1330 (1920-21).

Direct receipts.						Indirect receipts.					Total of columns (13) and (18).
Total land and irrigation revenue.	Share due to irrigation.	Deduct remissions and deductions.	Net revenue due to irrigation.	Deduct portion due to old irrigation.	Increase of revenue due to the outlay incurred.	Increment of land assessment due to irrigation.	Land assessment of waste lands brought under irrigation.	Land revenue of miscellaneous items.	Four per cent on the amount realized by the sale of tank-bed or other waste lands.	Total.	
(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)	(16)	(17)	(18)	
RS.	RS.	RS.	RS.	RS.	RS.		RS.	RS.	RS.	RS.	
1,32,847	1,07,921	6,096	1,01,831	37,400	64,431	..	1	1,092	12,096	13,189	77,620
49,41,011	39,12,850	1,52,424	37,90,426	1,24,000	36,66,426	..	1,80,507	8,161	3,377	1,92,045	38,58,471
44,32,830	35,66,440	26,227	35,40,213	71,000	34,69,213	..	29,016	16,703	19,102	1,84,851	36,04,064
1,96,054	1,38,054	528	1,37,526	29,300	1,08,226	..	2,148	4,986	35,897	41,626	2,16,852
9,30,971	7,33,125	3,947	7,29,178	2,58,000	5,23,178	..	48,387	3,711	12,920	60,016	5,83,194
3,76,493	3,46,658	1,077	3,45,581	28,385	2,17,196	..	496	923	167	1,579	3,18,786
35,585	33,042	..	33,042	7,537	25,505	..	551	261	4	381	25,838
25,823	21,354	2,724	18,640	4,500	14,140	..	36	..	435	471	14,611
1,41,530	1,07,015	8,865	98,950	38,000	60,950	..	5,281	131	39	5,451	66,401
1,56,637	1,14,076	201	1,13,875	39,000	74,875	..	3,193	104	51	3,351	78,228
1,86,127	1,36,872	97	1,36,775	69,000	76,775	..	3,286	78	..	3,362	80,137
1,74,260	1,23,832	200	1,23,632	20,000	1,03,632	..	14,894	318	..	15,209	1,18,841
6,45,021	4,14,324	55	4,14,269	1,55,000	2,59,269	..	51,192	318	..	51,510	3,10,779
55,59,067	43,94,559	13,732	43,80,827	34,00,000	9,80,827	..	1,07,601	10,571	..	1,18,672	10,38,899
10,92,220	9,40,313	2,509	9,37,804	2,04,000	7,33,804	..	6,694	4,940	39,907	51,741	7,86,040
2,72,042	2,30,250	1,469	2,28,781	78,090	1,49,781	..	1,423	67	..	1,490	1,51,971
1,93,01,829	1,54,59,595	2,30,245	1,52,29,350	15,44,072	1,06,85,278	..	5,19,629	51,230	1,23,485	6,94,344	1,13,84,622
3,73,951	2,54,817	1,875	2,50,942	67,000	1,83,942	..	3,122	236	1,178	4,536	1,89,478
1,96,75,780	1,57,12,412	2,22,120	1,54,90,292	16,11,072	1,08,79,220	..	5,22,751	51,466	1,24,663	6,98,880	1,15,78,100
2,31,148	1,56,814	2,685	1,54,129	55,000	99,129	..	6,586	788	..	7,374	56,483
22,987	22,602	899	21,798	2,500	19,298	..	2	58	..	60	19,358
483	483	..	483	..	483	..	..	..	..	..	483
2,781	2,582	735	1,847	500	1,347	..	..	..	..	..	1,347
4,158	3,459	..	3,459	..	3,459	..	..	..	..	..	3,459
939	939	..	939	..	939	..	1	2	..	3	942
3,192	2,574	1,310	1,264	..	1,264	..	..	15	..	15	1,279
5,818	4,554	..	4,554	..	4,554	..	..	..	..	..	4,554
4,630	4,121	28	4,093	3,600	493	..	..	1	..	1	494
5,583	4,375	151	4,224	425	3,798	..	..	64	..	64	3,851
15,782	10,471	5,293	11,178	17,800	..	..	..	4	..	4	6,328
39,238	34,128	25,903	8,525	30,000	..	..	..	..	..	..	..
5,046	4,512	11	4,501	2,150	2,351	..	443	18	..	461	21,014
42,597	36,497	..	36,497	19,000	17,497	..	..	1	..	1	2,372
1,63,751	1,41,491	..	1,41,491	76,000	65,491	..	364	56	..	420	17,907
1,43,609	1,26,030	41	1,25,989	85,000	41,049	..	2,861	39	..	2,900	28,391
4,81,886	3,72,013	3,132	3,68,881	1,25,000	2,43,881	..	419	64	..	483	41,632
11,874	7,818	223	7,645	5,000	2,645	..	15,486	320	927	16,733	2,00,630
37,758	28,779	456	28,323	11,000	17,323	..	1,067	7	..	1,074	3,719
95,322	73,120	156	72,964	16,000	56,964	..	441	21	..	462	17,785
26,507	20,003	..	20,003	4,000	16,003	..	849	59	..	908	57,872
44,898	33,975	..	33,975	8,500	25,475	..	28	23	..	51	16,054
59,246	47,049	..	47,049	3,000	44,049	..	277	17	..	294	26,769
30,567	23,619	150	23,469	17,000	6,469	..	55	21	..	76	44,125
2,43,740	2,10,637	492	2,10,145	1,15,000	95,145	..	36	18	..	54	6,623
4,546	3,926	3	3,923	2,256	1,667	..	228	42	..	270	95,415
5,408	4,621	2,376	2,245	..	2,245	..	..	..	..	..	1,667
17,36,992	13,87,739	44,057	13,43,682	6,87,711	7,04,971	..	29,133	1,586	927	31,648	7,36,619
2,14,12,772	1,71,00,151	2,66,177	1,68,33,974	52,49,753	1,15,84,191	..	5,51,884	53,054	1,25,590	7,30,528	1,22,14,719

* Based on the figures furnished by the Tahsildar concerned.

Systems.	Net receipts, direct and indirect.			Gross indirect receipts.		
	Actuals, 1919-20.	1920-21.		Actuals, 1919-20.	1920-21.	
		Revised estimates.	Actuals.		Revised estimates.	Actuals.
	RS.	RS.	RS.	RS.	RS.	RS.
1. Nagavali river project ..	71,230	1,03,000	71,344	13,189	17,553	13,189
2. Godavari delta system ..	43,19,790	43,20,000	35,65,717	1,92,045	1,92,045	1,92,045
3. Kistna delta system ..	34,16,292	34,16,000	34,24,816	1,34,851	1,34,851	1,34,851
4. Divi pumping system ..	1,73,201	1,73,000	2,07,779	32,863	32,863	41,626
5. Pennar river canals system ..	6,28,766	6,84,000	6,31,680	59,560	59,560	60,016
6. Kurnool-Cuddapah canal ..	2,54,458	2,87,000	3,02,939	1,649	1,649	1,579
6A. Chepad channel ..	25,324	22,000	21,514	377	377	381
7. Barur tank ..	17,333	10,000	13,902	471	471	471
8. Poincy anicut system ..	76,105	71,000	63,083	5,451	5,451	5,451
9. Cheyyar anicut system ..	67,023	63,000	74,317	3,342	3,342	3,351
10. Tirukkoalur anicut system ..	50,084	75,000	76,131	3,362	3,362	3,362
11. Slatiatope anicut system ..	1,05,934	1,15,000	1,12,899	16,209	16,209	16,209
12. Lower Coleroon anicut system ..	2,92,172	2,83,000	2,95,240	51,610	51,610	51,610
13. Cauvery delta system ..	9,91,111	9,91,000	10,43,954	1,18,072	1,18,072	1,18,072
14. Periyar system ..	7,16,168	6,75,000	7,48,263	48,003	48,003	51,741
15. Srivaikuntam anicut system ..	1,38,286	1,37,000	1,43,707	1,490	1,490	1,490
16. Rushikulya system ..	1,68,128	1,84,000	1,79,113	4,536	4,536	4,536

Statement showing the extent irrigated and the revenue derived under Class III Works for fasli 1920-21.

Districts.	Area charged as irrigated and area irrigated free of charge.						Direct receipts.						Indirect receipts.						Total of columns (13) and (18).
	First crop.			Second crop.			(8) Total land and irrigation revenue.	(9) Share due to irrigation.	(10) Deduct remissions and deductions.	(11) Net revenue due to irrigation.	(12) Deduct portion due to old irrigation.	(13) Increase of revenue due to the out-lay incurred.	(14) 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.	(18) Total.		
	(2) Old irrigation.	(3) New irrigation.	(4) Total.	(5) Old irrigation.	(6) New irrigation.	(7) Total.													
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)	(16)	(17)	(18)	(19)	
Class III—Minor Works and Navigation for which neither Capital nor Revenue Accounts are kept.																			
Ganjam	..	..	122,629	..	..	5,268	3,31,669	1,87,963	16,082	1,71,806	..	..	..	..	..	..	..	..	
Vizagapatnam ..	..	..	80,416	..	..	13,681	4,01,646	2,71,383	1,20,801	1,50,587	..	..	..	..	..	..	..	..	
Godavari	..	..	71,382	..	..	1,845	2,71,471	1,84,869	1,09,147	75,722	..	..	..	..	..	..	..	..	
Kistna	..	..	44,229	..	..	1,104	1,62,865	1,28,412	27,257	1,01,155	..	..	..	..	..	..	..	..	
Guntur	..	..	24,932	..	..	1,324	1,46,038	1,09,774	17,242	92,532	..	..	..	..	..	..	..	..	
Nellore	..	..	136,353	..	..	15,788	7,25,895	6,05,954	9,228	6,96,726	..	..	..	..	..	..	..	..	
Cuddarah	..	..	94,197	..	..	25,603	4,67,632	3,96,121	80,833	3,15,288	..	..	..	..	..	..	..	..	
Anantapur	..	..	119,849	..	..	19,366	6,70,637	4,81,835	2,47,478	2,34,357	..	..	..	..	..	..	..	..	
Belary	..	..	62,954	..	..	10,335	2,83,272	2,61,972	29,682	2,32,290	..	..	..	..	..	..	..	..	
Kurnool	..	..	38,954	..	..	3,850	1,71,923	1,42,625	87,885	74,739	..	..	..	..	..	..	..	..	
Chittoor	..	..	96,789	..	..	30,463	5,50,712	4,40,781	1,81,042	2,79,739	..	..	..	..	..	..	..	..	
Chingapat	..	..	367,591	..	..	129,254	14,99,391	10,88,151	14,506	10,73,645	..	..	..	..	..	..	..	..	
North Arcot	..	..	231,097	..	..	102,493	14,66,781	10,80,464	24,945	10,55,459	..	..	..	..	..	..	..	..	
South Arcot	..	..	298,598	..	..	104,024	18,66,813	13,42,899	1,434	13,43,333	..	..	..	..	..	..	..	..	
Tanjore	..	..	84,225	..	..	9,955	1,56,678	1,51,904	76	1,51,828	..	..	..	..	..	..	..	..	
Trichinopoly	..	..	156,403	..	..	70,956	9,79,130	7,31,530	13,411	7,21,128	..	..	..	..	..	..	..	..	
Madura	..	..	131,235	..	..	48,276	7,76,780	6,27,505	1,273	6,26,232	..	..	..	..	..	..	..	..	
Ramanad	..	..	35,965	..	..	15,615	2,83,110	1,97,090	6,614	1,90,476	..	..	..	..	..	..	..	..	
Tinnevelly	..	..	173,948	..	..	100,703	16,03,288	12,77,933	7,319	12,70,634	..	..	..	..	..	..	..	..	
Coimbatore	..	..	66,677	..	..	19,093	4,56,871	3,76,922	1,751	3,75,171	..	..	..	..	..	..	..	..	
Salem	..	..	108,288	..	..	34,042	6,31,842	4,40,704	42,584	3,98,120	..	..	..	..	..	..	..	..	
Total	..	..	2,524,881	..	..	762,509	1,36,83,213	1,05,27,154	10,00,421	95,26,733	..	..	..	..	..	..	..	..	

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 R.P. No. 151, dated 11th November 1921.

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 1920-1921.			To end of 1920-1921.		
				Direct charges.	Indirect charges.	Total.	Direct charges.	Indirect charges.	Total.
Productive Works.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.
Nagavalli river project ..	17,82,574	68,530	18,51,104	1,625	72	1,697	16,54,322	40,746	16,95,068
Godavari delta system ..	1,49,98,702	19,62,801	1,69,61,503	1,90,803	8,697	1,99,500	1,36,59,041	19,59,138	1,56,18,179
Kistna do. ..	1,56,53,053	10,67,045	1,67,20,098	94,104	5,036	99,140	1,55,95,783	10,75,922	1,66,71,775
Divi pumping system ..	23,90,197	28,028	24,18,225	16,589	889	17,477	19,73,404	34,856	20,08,260
Pennar river canal system.	57,27,955	10,18,182	67,46,137	5,468	120	5,588	57,19,935	10,18,208	67,38,143
Kurnool-Cuddapah canal.	2,33,87,579	85,326	2,34,72,905	46,255	2,601	48,856	2,32,94,957	71,527	2,33,66,484
Barur tank ..	4,19,875	23,738	4,43,613	..	..	..	4,19,875	23,738	4,43,613
Poincy anicut system ..	2,88,830	6,379	2,95,209	14,253	586	14,839	2,71,480	7,695	2,79,175
Cheyaru do. ..	4,72,899	11,754	4,84,653	28,691	1,180	29,871	4,57,140	13,040	4,70,180
Tirukkoyilur anicut system ..	3,66,759	9,189	3,75,948	..	..	..	3,66,759	9,189	3,75,948
Ehattiatope anicut system.	9,43,765	57,271	10,01,036	..	..	..	9,15,246	57,271	9,72,516
Lower Coleroon anicut system ..	18,71,557	71,335	19,42,892	..	..	..	18,71,557	71,335	19,42,892
Toludur project ..	29,60,000	2,50,000	32,10,000	2,97,513	12,300	3,09,813	17,48,578	2,21,280	19,69,858
Canvey delta system ..	45,80,195	1,94,424	47,74,619	1,02,755	4,225	1,06,980	43,53,369	1,08,668	45,62,067
Periyar system ..	1,03,94,150	3,67,161	1,07,61,311	1,959	91	2,050	1,08,11,093	3,67,336	1,06,78,479
Srivaikuntam anicut system ..	16,63,059	1,04,636	17,67,695	1,045	48	1,093	16,55,399	1,06,943	17,62,342
Total, Productive Works.	8,79,00,649	53,27,749	9,32,28,398	8,01,060	35,844	8,36,904	8,42,67,437	53,02,042	8,95,69,479
Protective Works.									
Rushikulya system ..	47,32,172	4,13,168	51,45,340	3,345	150	3,495	47,07,008	4,13,867	51,20,875
Bhavanasi project ..	2,02,289	6,711	2,09,000	..	..	..	2,49,581	10,856	2,60,439
Mopad project ..	21,97,300	1,00,000	22,97,300	68,136	1,647	69,783	22,09,835	96,863	23,06,724
Venkatapuram tank ..	3,72,645	12,565	3,85,210	2,681	152	2,833	3,71,838	12,612	3,84,450
Total, Protective Works.	75,04,106	5,32,444	80,36,550	74,162	1,949	76,111	75,38,262	5,34,266	80,72,518
Grand Total ..	9,54,04,755	58,60,193	10,12,64,948	8,75,222	37,793	9,13,015	9,18,05,699	58,36,298	9,76,41,997

ADMINISTRATIVE ACCOUNTS FOR THE YEAR 1920-21.

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 1920-1921.			WORKING EXPENSES DURING 1920-1921.			NET RESULT EXCLUDING INTEREST (DIFFERENCE BETWEEN REVENUE AND WORKING EXPENSES).				Simple interest during 1920-1921.	NET RESULT INCLUDING INTEREST.			
Water-rates, etc.	Collected with land revenue.	Total.	Direct charges.	Indirect charges.	Total.	Excess revenue (surplus).	Excess expenditure (deficit).	Rate per cent.			Excess revenue (surplus).	Excess expenditure (deficit).	Rate per cent.	
RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	Of excess revenue.	Of excess expenditure.	RS.	RS.	RS.	Of excess revenue.	Of excess expenditure.
65,089	13,189	78,278	26,500	1,040	27,540	50,738	..	3-99	..	55,319	..	4,581	..	0-27
38,20,489	1,92,045	40,12,534	9,12,623	34,163	9,46,786	30,65,748	..	19-59	..	4,61,793	26,03,955	..	16-64	..
35,94,536	1,34,851	37,29,387	7,17,913	28,746	7,46,659	29,82,728	..	17-89	..	5,22,509	24,60,219	..	14-76	..
1,73,776	41,626	2,18,402	1,15,618	5,702	1,21,320	97,082	..	4-83	..	66,559	30,523	..	1-52	..
5,25,871	60,016	5,85,887	1,47,598	2,620	1,50,218	4,35,669	..	6-47	..	1,90,566	2,45,103	..	3-64	..
3,55,941	1,960	3,57,901	1,90,305	9,794	2,00,099	1,57,802	..	0-63	..	7,81,390	..	6,23,588	..	2-67
16,718	471	16,187	5,820	179	5,999	10,188	..	2-30	..	13,945	..	3,757	..	0-84
61,741	4,451	67,192	19,640	671	20,311	46,881	..	16-79	..	9,286	37,595	..	13-47	..
78,365	3,351	81,716	39,115	1,448	40,563	39,153	..	8-33	..	15,944	24,109	..	5-13	..
77,904	3,362	81,266	9,369	221	9,590	71,676	..	19-06	..	12,193	69,483	..	15-82	..
1,04,346	15,209	1,19,555	22,284	672	22,956	96,599	..	9-98	..	30,434	66,165	..	6-50	..
2,64,260	51,510	3,15,770	87,777	2,366	90,143	2,25,627	..	11-58	..	62,270	1,62,757	..	8-38	..
..	..	..	..	..	..	..	..	..	..	67,670	..	67,670	..	3-43
9,96,969	1,18,072	11,15,041	3,08,620	10,592	3,19,212	7,95,829	..	17-48	..	1,46,153	6,49,676	..	14-27	..
7,51,184	51,741	8,02,925	1,73,080	3,296	1,76,376	6,23,549	..	5-84	..	3,43,131	2,80,418	..	2-63	..
1,53,349	1,490	1,54,839	27,496	924	28,420	1,26,419	..	7-17	..	56,003	70,416	..	3-99	..
1,10,40,536	6,94,344	1,17,34,880	28,03,758	1,06,034	29,09,792	88,25,088	..	9-85	..	28,34,267	59,90,821	..	6-69	..
1,85,234	4,536	1,89,770	69,873	2,713	72,586	1,17,184	..	2-29	..	1,57,048	..	39,364	..	0-78
..	..	..	2,686	143	2,829	..	2,829	..	1-09	9,627	..	12,456	..	4-78
..	..	..	..	..	..	..	..	..	..	82,237	..	82,237	..	3-57
..	..	..	680	38	718	..	718	..	0-19	12,778	..	13,496	..	3-51
1,85,234	4,536	1,89,770	73,239	2,894	76,133	1,13,637	..	1-41	..	2,61,690	..	1,48,053	..	1-83
1,12,25,770	6,98,880	1,19,24,650	28,76,997	1,03,928	29,80,925	89,38,725	..	9-15	..	30,95,957	58,42,768	..	5-98	..

IRRIGATION BRANCH.

PUBLIC WORKS DEPARTMENT.

NAGAVALLI RIVER SYSTEM—Canal Project.

No. 2.—Capital Account for and to end of 1920-1921.

Heads of account.	DIRECT CHARGES.			Cost of construction as now estimated.	Expenditure against closed estimates.
	Previous.	1920-1921.	Total.		
I. WORKS—	RS.	RS.	RS.	RS.	
(1) <i>Head Works—</i>					
A. Preliminary expenses	48	..	48	48	..
B. Land	..	..	..	300	..
C. Works	4,60,504	..	4,60,504	4,56,218	..
K. Buildings	20,732	..	20,732	20,673	..
O. Miscellaneous	..	..	..	15	..
Unforeseen works	..	..	..	17,005	..
Total	4,71,344	..	4,71,344	4,94,259	..
(2) <i>Main Canals and Branches—</i>					
A. Preliminary expenses	2,937	..	2,937	2,938	..
B. Land	28,236	..	28,236	26,962	..
D. Regulators	3,121	..	3,121	4,149	..
E. Falls and weirs	10,847	..	10,847	10,384	..
F. River and hill torrent works	17	..	17	..	..
F. (1) Other cross drainage works	2,42,440	..	2,42,440	2,45,647	..
G. Bridges	7,981	..	7,981	8,151	..
H. Escapes	822	..	822	822	..
I. Navigation	..	..	..	..	..
K. Buildings	10,738	..	10,738	10,713	..
L. Earthwork	2,79,678	..	2,79,678	2,79,706	..
O. Miscellaneous	3,037	..	3,037	3,037	..
P. Maintenance	..	..	..	..	..
Unforeseen works	295	..	295	7,731	..
Total	5,90,179	..	5,90,179	6,00,240	..
(3) <i>Distributaries—</i>					
B. Land	24,662	..	24,662	29,076	..
C. Works	98,811	335	99,146	1,24,206	..
L. Earthwork	95,336	751	96,087	97,530	..
O. Miscellaneous	6,897	..	6,897	6,222	..
P. Maintenance	..	..	..	..	..
Unforeseen works	..	..	..	13,057	..
Total	2,25,706	1,086	2,26,792	2,69,091	..
(5) <i>Special tools and plants—</i>					
Maintenance during construction	16,500	..	16,500	21,000	..
Total Works	13,03,729	1,086	13,04,815	13,34,590	..
II. ESTABLISHMENT	2,59,531	511	2,60,042	2,91,117	..
III. TOOLS AND PLANT	92,833	28	92,861	1,02,867	..
IV. SUSPENSE ACCOUNTS	..	..	..	..	..
Grand Total	16,56,093	1,625	16,57,718	17,82,574	..
V. Less—RECEIPTS ON CAPITAL ACCOUNT	3,396	..	3,396	..	..
Net Total	16,52,697	1,625	16,54,322	17,82,574	..
<i>Apportionment—</i>					
Chargeable to 49. Irrigation	16,52,697	501	16,52,196	..	..
to 43 Minor Works and Navigation—Provincial	..	2,126	2,126	..	..
Total	16,52,697	1,625	16,54,322	..	..

ADMINISTRATIVE ACCOUNTS FOR THE YEAR 1920-21.

MADRAS PRESIDENCY.

NAGAVALLI RIVER SYSTEM—Canal Project.

No. 3.—Revenue Account for and to end of 1920-1921.

Receipts.	TOTAL.			Charges.	TOTAL.		
	Previous.	1920-1921.	Total.		Previous.	1920-1921.	Total.
I. DIRECT RECEIPTS—	RS.	RS.	RS.	I. EXTENSIONS AND IMPROVEMENTS—	RS.	RS.	RS.
5. Receipts from plantations	4	..	4	(1) Head works	1,326	64	1,390
6. Receipts from other canal produce	2,558	342	2,900	(2) Main canals and branches	16,807	4,577	16,884
8. Navigation	1	..	1	(3) Distributaries	6,069	2,326	8,395
9. Rents of buildings	1,080	166	1,226	(4) Drainage and protective works	..	..	..
11. Miscellaneous	3,129	150	3,279	(5) Special tools and plant	..	..	..
Total, Revenue realized in Public Works Department	6,752	658	7,410	Total	23,202	3,267	26,469
Irrigation Revenue realized in Civil Department	4,23,918	64,431	4,68,349	II. MAINTENANCE AND REPAIRS—			
Total, Direct Receipts	4,30,670	65,089	4,95,759	(1) Head works	52,677	2,732	55,409
II. INDIRECT RECEIPTS—				(2) Main canals and branches	57,133	9,594	66,727
Share of Land Revenue collected in the Civil Department	28,867	13,189	42,056	(3) Distributaries	19,884	2,692	22,576
Total, Public Works and Civil Departments, Revenue	4,59,537	78,278	5,37,815	(4) Drainage and protective works	..	..	..
				(5) Special tools and plant	..	..	..
				<i>Add—Unclassifiable outlay</i>	..	..	..
				Total	1,29,694	15,018	1,44,712
				Total, Extensions and Improvements and Maintenance and Repairs	1,52,898	18,236	1,71,131
				IV. ESTABLISHMENT	60,648	8,831	69,379
				V. TOOLS AND PLANT	2,006	433	2,469
				VI. REFUNDS OF REVENUE	271	10	281
				Total, Direct Charges	2,15,721	27,589	2,43,310
				Share of collection charges in the Civil Department	21,796	3,276	25,072
				Indirect Charges	8,476	1,236	9,712
				Total, Direct and Indirect Charges.	2,45,993	32,101	2,78,094
				<i>Deduct—Old maintenance charges saved to Government *</i>	12,969	4,561	17,230
				Net total	2,33,324	27,540	2,60,864
				Balance, net revenue	2,26,213	50,738	2,76,951
Total Receipts	4,59,537	78,278	5,37,815	Grand Total	4,59,537	78,278	5,37,815
* Direct—							RS.
Extensions and Improvements							1,432
Maintenance and Repairs							1,462
Establishment							1,398
Tools and Plant							78
Total							4,365
Indirect							196
							4,561

No. 4.—Interest Account for and to end of 1919-1920.

	Amount.		Amount.
	RS.		RS.
Total interest charges to end of 1919-20	6,46,106	Net revenue realized to end of 1919-20	2,26,212
Total interest charges for the year 1920-21	55,319	Net revenue realized during 1920-21	50,738
		Balance net interest charges	4,24,474
Total	7,01,425	Total	7,01,425

IRRIGATION BRANCH.

PUBLIC WORKS DEPARTMENT

NAGAVALLI RIVER SYSTEM—Canal Project.

No. 5.—Account of Indirect Charges for and to end of 1920-1921.

Particulars.	Previous.	1920-1921.	Total.
	RS.	RS.	RS.
CAPITAL—			
Capitalization of abatement of land revenue	4,340	..	4,340
Leave and pension allowances	36,334	72	36,406
Total ..	40,674	72	40,746
REVENUE—			
Capitalization of abatement of land revenue	..	..	..
Leave and pension allowances	8,476	1,236	9,712
Total ..	8,476	1,236	9,712
Grand Total ..	49,150	1,308	50,458

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 ..	..	..	..	13,04,815	13,34,590	79,775	13,04,815	399 I., dated 15th July 1913.	Direct.
Establishment ..	..	..	..	2,60,042	2,91,117	31,075	2,60,042	235 I., dated 27th May 1914.	1,390
Tools and plant ..	..	..	..	22,861	1,06,567	14,006	22,861	285 I., dated 16th June 1914.	5,000
Suspense account ..	..	..	..	..	..	..	..	519 I., dated 13th November 1916.	17,800
Total ..	..	..	..	16,57,718	17,82,574	1,24,856	16,57,718	Mis. 53 I., dated 2nd February 1920.	4,500
Less—Receipts on Capital account.									
	..	..	..	3,396	..	— 3,396	3,396		
Net Total ..	..	..	..	16,54,322	17,82,574	1,28,252	16,54,322		
Indirect Charges.									
Capitalized abatement of land revenue ..	..	..	..	4,340	28,650	24,310	4,340	399 I., dated 15th July 1913.	Indirect.
Leave and pension allowances ..	..	..	..	36,406	39,680	3,474	36,406		68,680
Total ..	..	..	..	40,746	68,630	27,784	40,746		
Grand Total ..	..	..	..	16,95,068	18,51,104	1,56,036	16,95,068		

ADMINISTRATIVE ACCOUNTS FOR THE YEAR 1920-21.

MADRAS PRESIDENCY.

GODAVARI DELTA SYSTEM—Canal Project.

No. 2.—Capital Account for and to end of 1920-1921.

Heads of account.	DIRECT CHARGES.			Cost of construction as now estimated (construction estimate closed on 31st March 1890).	Expenditure against closed estimate.
	Previous.	1920-1921.	Total.		
1	2	3	4	5	6
I. WORKS—					
(1) <i>Head Works—</i>	RS.	RS.	RS.	RS.	RS.
B. Land	13,627	..	13,627	13,627	13,627
C. Works	4,73,309	..	4,73,309	4,69,902	4,69,902
K. Buildings	48,187	..	48,187	48,187	48,187
L. Earthwork	61,467	..	61,467	72,067	61,467
O. Miscellaneous	7,231	..	7,231	11,353	5,304
Total ..	6,03,821	..	6,03,821	6,15,138	5,98,487
(2) <i>Main Canals and Branches—</i>					
A. Preliminary expenses	51	..	51	51	51
B. Land	64,048	..	64,048	63,247	62,927
D. Regulators	48,917	..	48,917	51,642	48,172
E. Falls and weirs	10,835	8,861	19,696	21,975	7,726
F. River and hill torrent works	67,459	..	67,459	67,450	67,450
F (1) Other cross drainage works	80,068	..	80,068	80,088	80,068
G. Bridges	35,399	..	35,399	38,929	36,099
H. Escapes	86,212	..	86,212	86,212	86,212
I. Navigation	12,98,186	932	12,99,118	13,10,544	12,28,059
K. Buildings	39,867	1,166	41,033	41,097	39,867
L. Earthwork	9,46,541	520	9,47,061	9,48,933	9,41,338
O. Miscellaneous	21,742	..	21,742	36,531	23,081
Total ..	26,99,316	11,499	27,10,815	27,45,680	26,21,050
(3) <i>Distributaries—</i>					
A. Preliminary expenses	1,139	..	1,139	901	901
B. Land	87,625	5,049	92,675	88,632	68,814
C. Works	4,26,523	16,082	4,42,605	4,77,603	4,07,032
L. Earthwork	3,21,106	6,768	3,27,874	3,63,040	3,17,204
O. Miscellaneous	17,184	1,484	18,668	29,124	16,507
P. Maintenance	..	..	..	..	..
Total ..	8,53,578	29,383	8,82,961	9,59,300	8,09,558
(4) <i>Drainage and Protective Works—</i>					
A. Preliminary expenses	..	..	..	..	..
B. Land	1,35,147	41,645	1,76,792	3,07,317	1,20,897
C. Works	2,16,308	16,363	2,32,676	2,69,468	1,82,128
H. Escapes	..	..	..	..	..
L. Earthwork	13,13,358	21,926	13,35,284	20,38,398	12,90,078
O. Miscellaneous	8,801	5,095	13,896	81,321	7,141
Total ..	15,73,614	85,034	17,58,648	26,95,504	16,00,244
(5) <i>Special tools and plant—</i>					
Provision for unforeseen works ..	..	..	..	1,00,000	..
Total outlay on current sanctions ..	58,30,329	1,25,817	59,56,146	71,15,620	56,29,339
Old outlay	42,99,072	..	42,99,072	42,99,072	42,99,072
Total Works ..	1,01,29,401	1,25,817	1,02,55,218	1,14,14,692	99,28,411
II. ESTABLISHMENT	24,10,650	62,120	24,72,770	26,44,623	23,34,651
III. TOOLS AND PLANT	9,29,713	2,868	9,32,579	9,40,308	9,25,060
IV. SUSPENSE ACCOUNTS	..	..	..	..	..
Grand Total ..	1,34,69,764	1,90,803	1,36,60,567	1,50,00,228	1,31,88,122
V. <i>Less—RECEIPTS ON CAPITAL ACCOUNT</i> ..	1,526	..	1,526	1,526	1,526
Net Total ..	1,34,68,238	1,90,803	1,36,59,041	1,49,98,702	1,31,86,596
<i>Apportionment—</i>					
Chargeable to 49. Irrigation ..	..	..	..	..	..
Chargeable to 43. Minor Works and Navigation—	..	..	..	..	..
Imperial	..	..	..	..	..
Provincial	..	..	..	..	..
Total ..	1,34,68,238	1,90,803	1,36,59,041	..	..

IRRIGATION BRANCH.

PUBLIC WORKS DEPARTMENT.

GODAVARI DELTA SYSTEM—Canal Project.

No. 3.—Revenue Account for and to end of 1920-1921.

Receipts.	TOTAL.			Charges.	TOTAL.		
	Previous.	1920-1921.	Total.		Previous.	1920-1921.	Total.
I. DIRECT RECEIPTS—				I. EXTENSIONS AND IMPROVEMENTS—			
3. Sale of water ..	Rs. 7,281	Rs. 1,226	Rs. 8,507	(1) Head works ..	Rs. 88,408	Rs. 1,107	Rs. 89,515
4. Water-supply of towns ..	12,642	..	12,642	(2) Main canals and branches ..	5,06,205	3,580	5,09,785
5. Receipts from plantations ..	3,30,654	14,070	3,44,724	(3) Distributaries ..	6,81,846	7,182	6,89,028
6. Receipts from other canal produce ..	5,21,282	11,953	5,33,235	(4) Drainage and protective works ..	1,17,885	— 16	1,17,869
8. Navigation receipts ..	41,66,629	1,21,648	42,88,277	(5) Special tools and plant ..	54,509	24,079	78,588
9. Rents of buildings ..	12,021	625	12,646	Total ..	14,48,853	35,932	14,84,785
10. Fines ..	4,778	43	4,821	II. MAINTENANCE AND REPAIRS—			
11. Miscellaneous ..	3,32,217	4,498	3,36,715	(1) Head works ..	14,40,910	32,880	14,73,290
Total, Revenue realized in Public Works Department ..	53,87,504	1,54,063	55,41,567	(2) Main canals and branches ..	60,00,494	1,79,666	61,80,160
Irrigation Revenue realized in Civil Department ..	13,65,31,498	36,66,426	14,01,97,924	(3) Distributaries ..	32,24,810	63,898	32,88,698
Total, Direct Receipts.	14,19,19,000	38,20,489	14,57,39,489	(4) Drainage and protective works ..	14,02,364	72,631	14,81,995
II. INDIRECT RECEIPTS—				(5) Special tools and plant ..	28,91,325	83,854	29,74,679
Share of land revenue collected in the Civil Department ..	1,01,22,136	1,92,045	1,03,14,181	Add—Unclassifiable outlay ..	..	..	..
Total, Public Works and Civil Departments, Revenue ..	15,20,41,136	40,12,534	15,60,53,670	Total ..	1,49,66,903	4,31,919	1,53,98,822
Total, Receipts ..	15,20,41,136	40,12,534	15,60,53,670	Total, Extensions and Improvements and Maintenance and Repairs ..	1,64,15,756	4,67,851	1,68,83,607
				IV. ESTABLISHMENT ..	1,14,36,771	2,44,018	1,16,80,789
				V. TOOLS AND PLANT ..	26,76,565	7,609	26,84,174
				VI. REFUNDS OF REVENUE ..	19,560	390	19,950
				Total, Direct Charges ..	3,05,48,652	7,19,868	3,12,68,520
				Share of collection charges in the Civil Department ..	81,05,896	1,92,755	82,98,651
				Indirect charges ..	18,71,323	34,163	19,05,486
				Total, Direct and Indirect Charges ..	4,05,25,871	9,46,786	4,14,72,657
				Balance, net revenue ..	11,15,15,265	30,65,748	11,45,81,013
				Grand Total ..	15,20,41,136	40,12,534	15,60,53,670

No. 4.—Interest Account for and to end of 1920-1921.

	Amount.			Amount.	
	Rs.			Rs.	
Total interest charges to end of 1919-20 ..	2,31,69,905		Net revenue realized to end of 1919-20 ..	11,15,15,265	
Total interest charges for the year 1920-21 ..	4,61,793		Net revenue realized during 1920-21 ..	30,65,748	
Balance, net revenue ..	9,09,49,315				
Total ..	11,45,81,013		Total ..	11,45,81,013	

ADMINISTRATIVE ACCOUNTS FOR THE YEAR 1920-21.

MADRAS PRESIDENCY.

GODAVARI DELTA SYSTEM—Canal Project.

No. 5.—Account of Indirect Charges for and to end of 1920-1921.

Particulars.	Previous.	1920-1921	Total.
CAPITAL—			
Capitalization of abatement of land revenue ..	Rs. 15,24,142	Rs. ..	Rs. 15,24,142
Leave and pension allowances ..	4,56,295	8,697	4,64,996
Total ..	19,80,441	8,697	19,89,138
REVENUE—			
Capitalization of abatement of land revenue ..	1,01,936	..	1,01,936
Leave and pension allowances ..	17,69,387	34,163	18,03,550
Total ..	18,71,323	34,163	19,05,486
Grand Total ..	38,51,764	42,860	38,94,624

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.									
Works ..	Rs. 79,85,366	Rs. 19,43,045	Rs. 99,28,411	Rs. 3,26,807	Rs. 14,86,281	Rs. 11,59,474	Rs. 1,02,55,218	275 I., 4th June 1918.	Rs. 9,470
Establishment ..	19,55,654	3,78,997	23,34,651	1,38,119	3,09,977	1,71,858	24,72,770	497 I., 11th Nov. 1916.	10,809
Tools and plant ..	8,69,822	55,238	9,25,060	7,519	15,848	8,329	9,32,579	137 I., 23rd Mar. 1916.	2,000
Suspense account ..	..	..	..	..	..	..	..	47 I., 1st Feb. 1917.	47,000
Total ..	1,08,10,842	23,77,280	1,31,88,122	4,72,445	18,12,106	13,39,661	1,36,60,567	183 I., 10th May 1917.	57,702
Less—Receipts on capital account ..	933	593	1,526	..	..	..	1,526	265 I., 26th June 1917.	1,45,200
Net Total ..	1,08,09,909	23,76,687	1,31,86,596	4,72,445	18,12,106	13,39,661	1,36,59,041	385 I., 17th Sep. 1917.	13,450
Indirect Charges								415 I., 16th Oct. 1917.	9,949
Capitalized abatement of land revenue ..	14,95,991	28,151	15,24,142	..	..	..	15,24,142	Mis. 119 I., 26th March 1918.	2,950
Leave and pension allowances ..	3,92,601	53,058	4,45,659	19,337	..	— 19,337	4,64,996	263 I., 14th May 1918.	17,390
Total ..	18,88,592	81,209	19,69,801	19,337	..	— 19,337	19,89,138	Mis. 513 I., 13th Dec. 1918.	1,37,009
Grand Total ..	1,26,98,501	24,57,896	1,51,56,397	4,91,782	18,12,106	13,20,324	1,56,48,179	Mis. 247 I., 18th Aug. 1918.	11,200
								Mis. 221 I., 29th July 1919.	1,210
								Mis. 270 I., 17th Sept. 1919.	2,690
								Mis. 10 I., 6th Jan. 1915.	7,200
								Mis. 80 I., 9th Feb. 1920.	4,000
								Mis. 108 I., 25th March 1920.	9,74,000
								Mis. 276 I., 19th Sep. 1919.	1,300
								Mis. 152 I., 8th May 1920.	1,330
								Mis. 168 I., 21st May 1920.	1,550
								Mis. 175 I., 1st June 1920.	1,230
								Mis. 103 I., 21st March 1920.	8,300
								Mis. 219 I., 20th July 1920.	14,250
								Mis. 362 I., 17th November 1920.	1,750
								Mis. 368 I., 9th December 1920.	2,260
								Mis. 361 I., 13th November 1920.	5,500
								Total ..	14,85,231

IRRIGATION BRANCH.

PUBLIC WORKS DEPARTMENT.

KISTNA DELTA SYSTEM—Canal Project.

No. 2.—Capital Account for and to end of 1920-1921.

Heads of account.	DIRECT CHARGES.			Cost of construction as now estimated (construction estimate closed on 31st March 1898).	Expenditure against closed estimate.
	Previous.	1920-1921.	Total.		
I. WORKS—	RS.	RS.	RS.	RS.	RS.
(1) <i>Head Works—</i>					
B. Land	12,732	..	12,732	12,732	12,732
C. Works	6,65,413	..	6,65,413	6,65,413	6,65,413
K. Buildings	1,02,702	..	1,02,702	1,02,702	1,02,702
O. Miscellaneous	2,971	..	2,971	2,971	2,971
Total	7,83,818	..	7,83,818	7,83,818	7,83,818
(2) <i>Main Canals and Branches—</i>					
A. Preliminary expenses	1,203	..	1,203	1,203	1,203
B. Land	1,99,904	..	1,99,904	1,99,904	1,99,904
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
G. (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	84,128	..	84,128	84,128	84,128
I. Navigation works	6,81,207	20,287	6,90,494	7,15,192	6,81,192
K. Buildings	1,48,163	1,116	1,49,279	1,49,066	1,47,166
L. Earthwork	19,88,934	208	19,89,142	20,39,585	20,24,768
N. Tanks and reservoirs	1,213	..	1,213	1,213	1,213
O. Miscellaneous	1,41,715	..	1,41,715	1,41,714	1,41,714
Total	40,97,321	30,605	41,27,926	42,01,822	41,32,132
(3) <i>Distributaries—</i>					
A. Preliminary expenses	4,171	..	4,171	4,171	4,171
B. Land	3,66,189	3,828	3,70,017	3,79,847	3,58,863
C. Works	6,54,485	12,253	6,66,738	6,76,388	6,41,815
L. Earthwork	8,84,875	3,051	8,87,926	8,92,830	8,73,071
O. Miscellaneous	86,654	18	86,672	86,987	85,367
Total	19,93,374	19,160	20,15,534	20,10,223	19,63,287
(4) <i>Drainage and Protective Works—</i>					
A. Preliminary expenses	774	..	774	774	774
B. Land	1,56,009	98	1,56,107	1,56,765	1,38,161
C. Works	3,51,857	128	3,51,985	3,57,641	3,40,271
L. Earthwork	15,53,926	8,462	15,62,388	15,68,006	15,42,516
O. Miscellaneous	47,181	11	47,192	45,188	41,380
P. Maintenance	2,985	..	2,985	2,985	2,985
Total	21,48,042	8,690	21,56,741	21,31,379	20,66,087
(5) <i>Special tools and plant</i>	..	..	..	..	..
Provision for unforeseen works	..	..	..	..	..
Total outlay on current sanctions	90,23,555	58,464	90,84,019	91,57,265	89,45,347
Old outlay	30,81,755	..	30,81,755	30,81,755	30,81,755
Total, Works	1,21,07,310	58,464	1,21,65,774	1,22,39,020	1,20,27,102
II. ESTABLISHMENT	27,11,887	35,971	27,47,858	27,29,656	26,83,946
III. TOOLS AND PLANT	7,01,022	— 331	7,00,691	7,02,917	7,00,480
Grand Total	1,55,20,219	94,104	1,56,14,323	1,56,71,593	1,54,11,528
V. <i>Loss—RECEIPTS ON CAPITAL ACCOUNT</i>	18,540	..	18,540	18,540	18,540
Net Total	1,55,01,679	94,104	1,55,95,783	1,56,53,053	1,53,92,988
<i>Apportionment—</i>					
Chargeable to 49. Irrigation	1,55,01,679	94,104	1,55,95,783	..	..
Chargeable to 43. Minor Works and Navigation—	..	..	..	..	..
Imperial	..	..	..	..	..
Provincial	..	..	..	..	..
Total	1,55,01,679	94,104	1,55,95,783	..	..

ADMINISTRATIVE ACCOUNTS FOR THE YEAR 1920-21.

MADRAS PRESIDENCY.

KISTNA DELTA SYSTEM—Canal Project.

No. 3.—Revenue Account for and to end of 1920-1921.

Receipts.	TOTAL.			Charges.	TOTAL.		
	Previous.	1920-1921.	Total.		Previous.	1920-1921.	Total.
I. DIRECT RECEIPTS—	RS.	RS.	RS.		RS.	RS.	RS.
3. Sale of water	4,993	1,631	6,674	I. EXTENSIONS AND IMPROVEMENTS—			
4. Water-supply of towns	55,460	..	55,460	(1) Head works	1,01,400	58	1,01,436
5. Receipts from plantations	3,26,816	12,009	3,38,825	(2) Main canals and branches	4,10,171	2,080	4,12,251
6. Receipts from other canal produce	6,23,741	36,273	6,60,014	(3) Distributaries	5,88,456	7,820	5,96,276
7. Water power	831	..	831	(4) Drainage and protective works	1,28,797	372	1,29,169
8. Navigation receipts	17,94,330	71,349	18,65,679	(5) Special tools and plant—	13,732	783	14,515
9. Rents of buildings	65,018	2,265	67,283	Total	11,92,556	11,091	12,03,647
10. Fines	790	22	812	II. MAINTENANCE AND REPAIRS—			
11. Miscellaneous	1,03,198	1,724	1,04,922	(1) Head works	8,14,009	15,431	8,29,440
Total, Revenue realized in Public Works Department	29,75,177	1,25,323	31,00,500	(2) Main canals and branches	83,50,539	1,52,620	85,03,159
Irrigation Revenue realized in Civil Department	10,43,67,130	34,69,213	10,78,36,343	(3) Distributaries	29,41,742	1,02,080	30,43,822
Total, Direct Receipts	10,73,42,307	36,94,536	11,10,36,843	(4) Drainage and protective works	5,33,399	4,606	5,38,005
II. INDIRECT REVENUE—				(5) Special tools and plant	93,965	48,019	1,41,984
Share of land revenue collected in the Civil Department	77,38,355	1,34,861	78,73,206	Add—Unclassifiable outlay	9,10,934	..	9,10,934
Total, Public Works and Civil Departments Revenue	11,50,80,662	37,29,387	11,88,10,049	Total	1,16,44,588	3,22,766	1,19,67,354
Total, Receipts	11,50,80,662	37,29,387	11,88,10,049	Total, Extensions and Improvements and Maintenance and Repairs	1,28,37,144	3,33,857	1,31,71,001
				IV. ESTABLISHMENT	90,48,474	2,05,331	92,53,805
				V. TOOLS AND PLANT	18,88,558	— 1,801	18,86,667
				VI. REFUNDS OF REVENUE	24,530	1,358	25,907
				Total, Direct Charges	2,37,98,715	5,38,655	2,43,37,380
				Share of collection charges in the Civil Department	59,57,816	1,79,248	61,37,054
				Indirect charges	13,84,071	28,746	14,12,817
				Total, Direct and Indirect Charges	3,11,40,602	7,46,659	3,18,87,261
				Balance, net revenue	8,39,40,060	29,82,728	8,69,22,788
				Grand Total	11,50,80,662	37,29,387	11,88,10,049

No. 4.—Interest Account for and to end of 1920-1921.

	Amount.		Amount.
	RS.		RS.
Total interest charges to end of 1919-20	2,10,50,303	Net revenue realized to end of 1919-20	8,39,40,060
Total interest charges for the year 1920-21	5,22,509	Net revenue realized during 1920-21	29,82,728
Balance, net revenue	6,53,49,976		
Total	8,69,22,788	Total	8,69,22,788

IRRIGATION BRANCH.

PUBLIC WORKS DEPARTMENT.

KISTNA DELTA SYSTEM—Canal Project.

No. 5.—Account of Indirect Charges for and to end of 1920-1921.

Particulars.	Previous.	1920-1921.	Total.
CAPITAL—	RS.	RS.	RS.
Capitalization of abatement of land revenue	6,13,351	..	6,13,351
Leave and pension allowances	4,57,805	5,036	4,62,841
Total ..	10,70,956	5,036	10,75,992
REVENUE—			
Capitalization of abatement of land revenue	25,437	..	25,437
Leave and pension allowances	13,58,634	28,746	13,87,380
Total ..	13,84,071	28,746	14,12,817
Grand total ..	24,55,027	33,782	24,88,809

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 estimates.	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	25,36,214	1,20,27,102	1,28,672	2,11,918	78,246	1,21,65,774	430 I., 25th Sep. 1916.	2,190
Establishment	22,14,255	4,69,688	26,83,943	63,912	45,710	— 18,202	27,47,858	430 I., 25th Sep. 1916.	10,810
Tools and plant	6,60,944	33,536	7,00,480	211	2,437	2,226	7,00,691	453 I., 11th Oct. 1916.	2,850
Suspense account	..	..	..	..	..	..	..	454 I., 11th Oct. 1916.	3,600
Total ..	1,23,66,090	30,45,438	1,54,11,528	2,02,795	2,60,065	57,270	1,56,14,823	588 I., 16th Dec. 1916.	2,850
Less—Receipts on Capital Account.	15,400	3,140	18,540	..	..	..	18,540	260 I., 26th June 1917.	23,200
Net Total ..	1,23,50,690	30,42,298	1,53,92,988	2,02,795	2,60,065	57,270	1,55,95,783	362 I., 26th ..	2,300
Indirect Charges.								314 I., 27th July 1917.	1,555
Capitalized abatement of land revenue	4,53,037	1,60,314	6,13,351	..	..	..	6,13,351	Mis. 128 I., 6th April 1918.	3,720
Leave and pension allowances	3,87,938	65,756	4,53,694	8,947	..	— 8,947	4,62,641	Mis. 216 I., 17th June 1918.	3,200
Total ..	8,40,975	2,26,070	10,67,045	8,947	..	— 8,947	10,75,992	Mis. 379 I., 20th Nov. 1918.	3,600
Grand Total ..	1,31,91,665	32,68,368	1,64,60,033	2,11,742	2,60,065	48,323	1,63,71,775	Mis. 46 I., 8th Feb. 1919.	1,650
								63 I., 15th Mar. 1919.	18,900
								Mis. 160 I., 11th May 1920.	2,150
								Mis. 195 I., 3rd July 1919.	9,700
								Mis. 249 I., 19th Aug. 1919.	13,200
								Mis. 268 I., 9th Sep. 1919.	2,493
								Mis. 289 I., 4th Oct. 1919.	1,590
								Mis. 290 I., 4th Oct. 1919.	2,200
								Mis. 319 I., 18th Nov. 1919.	1,780
								Mis. 189 I., 3rd May 1918.	1,800
								Mis. 178 I., 10th June 1921.	52,000
								Mis. 235 I., 30th June 1920.	20,600
								Mis. 153 I., 8th May 1920.	1,900
								Mis. 81 I., 1st March 1920.	2,620
								Mis. 133 I., 2nd May 1919.	2,400
								Mis. 301 I., 29th Oct. 1917.	15,600
								Mis. 89 I., 5th March 1920.	2,060

ADMINISTRATIVE ACCOUNTS FOR THE YEAR 1920-21.

MADRAS PRESIDENCY.

DIVI PUMPING SYSTEM—Canal Project.

No. 2.—Capital Account for and to end of 1920-1921.

Heads of account.	DIRECT CHARGES.			Cost of construction as now estimated. Construction estimate closed on 31st October 1913.	Expenditure against closed estimate.
	Previous.	1920-1921.	Total.		
1	2	3	4	5	6
I. WORKS—	RS.	RS.	RS.	RS.	RS.
(1) Head Works—					
A. [Old outlay	16,954	..	16,954	17,468	17,432
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	193	4,14,067	4,11,007	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	193	6,03,714	6,06,022	6,03,642
(2) Main Canals and Branches—					
A. Preliminary expenses	..	..	..	..	..
B. Land	35,782	..	35,782	37,226	35,781
D. Regulators	27,998	..	27,998	28,702	28,112
E. Falls and weirs	..	..	..	..	..
F. River and hill torrent works	..	..	..	..	..
G. (1) Other cross drainage works	..	..	..	..	..
G. Bridges	28,788	8,738	37,526	37,716	37,526
H. Escapes	..	..	..	..	..
I. Navigation works	..	..	..	..	..
K. Buildings	..	..	..	..	..
L. Earthwork	1,07,864	..	1,07,864	1,11,286	1,07,866
N. Tanks and reservoirs	..	..	..	..	..
O. Miscellaneous	10,997	— 8,733	2,264	2,370	1,945
P. Maintenance	4,516	..	4,516	4,516	4,516
Unforeseen Works	..	..	..	..	..
Total ..	2,15,945	..	2,15,945	2,21,816	2,16,046
(3) Distributaries—					
A. Preliminary expenses	7,997	..	7,997	4,455	4,455
B. Land	35,551	4,693	40,244	41,458	33,728
C. Works	27,602	624	28,226	9,995	9,900
L. Earthwork	80,695	472	81,167	98,199	92,619
O. Miscellaneous	10,943	300	11,243	21,836	16,891
Unforeseen works	..	..	..	..	..
Total ..	1,62,785	5,289	1,68,074	1,75,888	1,56,693
(4) Drainage and Protective Works—					
A. Preliminary expenses	..	..	..	..	..
B. Land	1,106	..	1,106	8,229	1,782
C. Works	87,138	..	87,138	29,362	16,152
L. Earthwork	797	..	797	54,808	34,738
O. Miscellaneous	416	..	416	6,373	1,189
P. Maintenance	..	..	..	..	..
Lump sum provision	..	..	..	..	..
Total ..	89,457	..	89,457	98,772	53,811
5) Special tools and plant—					
Total outlay on current sanctions	10,71,711	10,307	10,82,018	14,18,793	10,20,192
II. ESTABLISHMENT	2,11,769	6,341	2,18,110	2,91,418	1,94,655
III. TOOLS AND PLANT	6,73,712	— 59	6,73,653	6,80,363	6,73,547
Grand Total ..	19,57,192	16,589	19,73,781	23,90,574	18,98,394
V. Less—RECEIPTS ON CAPITAL ACCOUNT	377	..	377	377	377
Net Total ..	19,56,815	16,589	19,73,404	23,90,197	18,98,017
Apportionment—					
Chargeable to 49. Irrigation	19,39,851	16,589	19,56,440	..	..
Do. to 43. do. Provincial	16,954	..	16,954	..	..
Total ..	19,56,815	16,589	19,73,404	..	..

IRRIGATION BRANCH.

PUBLIC WORKS DEPARTMENT.

DIVI PUMPING SYSTEM—Canal Project.

No. 3.—Revenue Account for and to end of 1920-1921.

Receipts.	TOTAL.			Charges.	TOTAL.		
	Previous.	1920-1921.	Total.		Previous.	1920-1921.	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	12	1,149
5. Receipts from plantations ..	379	175	554	(3) Distributaries ..	5,341	2,553	7,894
6. Receipts from other canal produce ..	5,504	955	6,459	(4) Drainage and protective works ..	3,250	440	3,690
8. Navigation receipts ..	558	..	558	(5) Special tools and plant ..	231	..	231
9. Rents of buildings ..	2,559	420	2,979	Total ..	11,572	3,005	14,577
10. Fines ..	..	..	..	II. MAINTENANCE AND REPAIRS—			
11. Miscellaneous ..	427	..	427	(1) Head works ..	5,75,962	62,456	6,38,418
Total, Revenue realized in Public Works Department ..	9,427	1,550	10,977	(2) Main canals and branches ..	34,260	6,560	40,820
Irrigation Revenue realized in Civil Department ..	13,07,314	1,75,226	14,82,540	(3) Distributaries ..	32,301	3,326	35,627
				(4) Drainage and protective works ..	711	260	971
				(5) Special tools and plant ..	7,587	2,767	10,354
				Add—Unclassifiable outlay ..	..	..	..
				Total ..	6,50,821	75,863	7,26,190
				Total, Extensions and Improvements and Maintenance and Repairs ..	6,62,393	78,374	7,40,767
II. INDIRECT RECEIPTS—				IV. ESTABLISHMENT ..	2,51,796	48,220	3,00,016
Share of land revenue collected in the Civil Department ..	1,76,015	41,626	2,17,641	V. TOOLS AND PLANT ..	60,157	— 444	59,713
				VI. REFUNDS OF REVENUE ..	15	..	15
				Total, Direct Charges ..	9,74,361	1,26,150	11,00,511
				Share of collection charges in the Civil Department ..	69,416	9,073	78,489
Total, Public Works and Civil Departments, Revenue ..	14,92,756	2,18,402	17,11,158	Indirect charges ..	35,587	6,751	42,338
				Total, Direct and Indirect Charges ..	10,79,364	1,41,974	12,21,338
				Deduct—Old maintenance charges saved to Government ..	1,32,252	20,654	1,52,906
				Net Total ..	9,47,112	1,21,320	10,68,432
				Balance, net revenue ..	5,45,844	97,082	6,42,726
Total, Receipts ..	14,92,756	2,18,402	17,11,158	Grand Total ..	14,92,756	2,18,402	17,11,158

* Direct—

Extension and improvements ..	..	..	..	..	..	..	..	RS.
Maintenance and repairs ..	..	..	..	..	..	..	..	49
Establishment ..	..	..	..	..	..	..	..	12,131
Tools and plant ..	..	..	..	..	..	..	..	7,494
	..	..	..	..	..	..	..	— 69
	..	..	..	..	..	..	..	19,605
Indirect ..	..	..	..	..	..	..	..	1,049
	..	..	..	..	..	..	..	20,654

No. 4.—Interest Account for and to end of 1920-1921.

	Amount.		Amount.
Total interest charges to end of 1919-20 ..	RS.	Net revenue realized to end of 1919-20 ..	RS.
Total interest charges for the year 1920-21 ..	8,29,756	Net revenue realized during 1920-21 ..	5,45,844
	65,559	Balance net interest charge ..	27,082
			2,53,589
Total ..	8,96,315	Total ..	8,96,315

ADMINISTRATIVE ACCOUNTS FOR THE YEAR 1920-21.

MADRAS PRESIDENCY.

DIVI PUMPING SYSTEM—Canal Project.

No. 5.—Account of Indirect Charges for and to end of 1920-1921.

Particulars.	Previous.	1920-1921.	Total.
CAPITAL—	RS.	RS.	RS.
Capitalization of abatement of land revenue ..	4,320	..	4,320
Leave and pension allowances ..	29,618	888	30,506
Total ..	33,938	888	34,826
REVENUE—			
Capitalization of abatement of land revenue ..	334	..	334
Leave and pension allowances ..	35,253	6,751	42,004
Total ..	35,587	6,751	42,338
Grand Total ..	69,525	7,639	77,164

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	43,907	10,30,192	51,826	3,88,601	3,36,775	10,82,018		
Establishment ..	1,87,250	7,405	1,94,655	23,455	96,763	73,308	2,18,110		
Tools and plant ..	6,71,389	2,158	6,73,547	106	6,816	6,710	6,73,653		
Suspense account ..	..	..	..	..	..	..	..		
Total ..	18,44,924	53,470	18,98,394	75,387	4,92,180	4,16,793	19,73,781		
Less—Receipts on Capital Account ..	377	..	377	..	..	..	377	415 I., dated 14th September 1916.	Direct—12,221
Net Total ..	18,44,547	53,470	18,98,017	75,387	4,92,180	4,16,793	19,73,404	417 I., dated 14th September 1916.	4,200
Indirect Charges.								Mis. 12 I., dated 5th January 1917.	22,000
Capitalized abatement of land revenue ..	379	398	777	3,543	..	— 3,543	4,320	Mis. 50 I., dated 19th February 1918.	1,729
Leave and pension allowances ..	26,215	1,086	27,251	3,285	..	— 3,285	30,536	Mis. 53 I., dated 21st February 1919.	2,304
Total ..	26,594	1,484	28,028	6,828	..	— 6,828	34,855	Mis. 145 I., dated 7th May 1921.	1,560
Grand Total ..	18,71,141	54,954	19,26,045	82,215	4,92,180	4,09,965	20,08,260	Mis. 26 I., dated 24th January 1920.	2,380
								Mis. 298 I., dated 20th June 1918.	5,770
								Mis. 229 I., dated 20th June 1918.	1,830
								Mis. 173 I., dated 17th May 1920.	11,200
								Mis. 271 I., dated 11th Sep. 1919.	1,190
								Mis. 29 I., dated 26th January 1921.	2,850
								Mis. 85 I., dated 20th February 1918.	3,080
								Mis. 141 I., dated 3rd May 1921.	3,16,300
								Total ..	3,88,691

IRRIGATION BRANCH.

PUBLIC WORKS DEPARTMENT.

PENNER RIVER CANALS SYSTEM—Canal Project.

No. 2.—Capital Account for and to end of 1920-1921.

Heads of account.	DIRECT CHARGES.			Cost of construction as now estimated (construction estimate closed on 31st March 1894).	Expenditure against closed estimate.
	Previous.	1920-1921.	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	3,89,342	2,899	3,92,241	3,87,308	3,87,308
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 ..	15,65,809	2,899	15,68,708	15,73,825	15,63,675
<i>Reservoirs—</i>					
B. Land	159	..	159	159	159
C. Works	38,944	..	38,944	37,498	37,498
L. Earthwork	40,176	..	40,176	40,176	40,176
O. Miscellaneous	132	..	132	132	132
Total ..	79,411	..	79,411	77,965	77,965
(3) <i>Distributaries—</i>					
A. Preliminary expenses	100	..	100	100	100
B. Land	89,184	..	89,184	90,079	90,079
C. Works	4,59,831	1,673	4,61,504	4,63,248	4,61,818
L. Earthwork	5,48,521	..	5,48,521	5,50,881	5,50,881
N. Tanks and reservoirs	1,15,250	..	1,15,250	1,15,250	1,15,250
O. Miscellaneous	16,981	..	16,981	17,020	17,020
P. Maintenance	9,469	..	9,469	9,469	9,469
Total ..	12,39,336	1,673	12,41,009	12,55,047	12,51,347
(4) <i>Drainage and Protective Works—</i>					
B. Land	27,998	..	27,998	26,217	26,217
C. Works	67,264	..	67,264	63,961	63,961
L. Earthwork	2,37,122	..	2,37,122	2,29,927	2,29,927
O. Miscellaneous	1,599	..	1,599	1,599	1,599
Total ..	3,33,983	..	3,33,983	3,21,704	3,21,704
(5) <i>Special tools and plant—</i>					
Total outlay on current sanctions ..	40,89,812	4,572	40,94,384	40,99,814	40,85,924
Old outlay	5,26,117	..	5,26,117	5,26,117	5,26,117
Total, Works ..	46,15,929	4,572	46,20,501	46,25,931	46,12,041
II. ESTABLISHMENT	9,57,187	860	9,58,047	9,60,547	9,57,501
III. TOOLS AND PLANT	1,44,209	36	1,44,245	1,44,335	1,44,196
Grand Total ..	57,17,325	5,468	57,22,793	57,30,813	57,13,738
V. <i>Less—RECEIPTS ON CAPITAL ACCOUNT</i> ..	2,858	..	2,858	2,858	2,858
Net Total ..	57,14,467	5,468	57,19,935	57,27,955	57,10,880
<i>Apportionment—</i>					
Chargeable to 49. Irrigation	57,14,467	5,468	57,19,935	..	..
Chargeable to 48. Minor Works and Navigation—					
Imperial	..	..	..	..	..
Provincial	..	..	..	..	..
Total ..	57,14,467	5,468	57,19,935	..	..

ADMINISTRATIVE ACCOUNTS FOR THE YEAR 1920-21.

MADRAS PRESIDENCY.

PENNER RIVER CANALS SYSTEM—Canal Project.

No. 3.—Revenue Account for and to end of 1920-1921.

Receipts.	TOTAL.			Charges.	TOTAL.		
	Previous.	1920-1921.	Total.		Previous.	1920-1921.	Total.
RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.
I. DIRECT RECEIPTS—				I. EXTENSIONS AND IMPROVEMENTS—			
5. Receipts from plantations ..	1,886	..	1,886	(1) Head works	13,660	27	13,687
6. Receipts from other canal produce ..	68,778	1,839	70,617	(2) Main canals and branches ..	90,777	4,779	94,856
9. Rents of buildings ..	9,025	470	9,495	(3) Distributaries	2,40,744	2,508	2,43,250
10. Fines	6	..	6	(4) Drainage and protective works ..	21,428	..	21,428
11. Miscellaneous	2,779	384	3,163	(5) Special tools and plant ..	— 207	..	— 207
Total Revenue realized in Public Works Department ..	82,474	2,693	85,167	Add—Unclassifiable outlay ..	8,370	..	8,370
Irrigation revenue realized in Civil Department ..	1,43,05,266	5,23,178	1,48,28,444	Total ..	3,74,767	6,612	3,81,379
Total, Direct Receipts ..	1,43,87,740	5,25,871	1,49,13,611				
II. INDIRECT RECEIPTS—				II. MAINTENANCE AND REPAIRS—			
Share of land revenue collected in the Civil Department ..	18,48,867	60,016	19,08,883	(1) Head works	3,81,862	10,423	3,92,285
Total, Public Works and Civil Departments, Revenue ..	1,62,36,607	5,85,887	1,68,22,494	(2) Main canals and branches ..	8,47,823	49,184	8,97,007
				(3) Distributaries	9,08,109	50,809	9,58,918
				(4) Drainage and protective works ..	64,197	11,998	76,195
				(5) Special tools and plant ..	109	168	277
				Add—Unclassifiable outlay ..	23,236	..	23,236
				Total ..	22,20,336	1,22,582	23,42,918
				III. COMPENSATION ..			
				Total, Extensions and Improvements and Maintenance and Repairs ..	26,02,499	1,29,194	27,31,693
				IV. ESTABLISHMENT ..	13,88,450	24,293	14,12,723
				V. TOOLS AND PLANT ..	27,379	1,028	28,407
				VI. REFUNDS OF REVENUE ..	1,873	34	1,907
				Total, Direct Charges ..	40,20,175	1,54,519	41,74,724
				Share of collection charges in the Civil Department ..	8,35,449	28,514	8,63,963
				Indirect charges	2,40,612	3,401	2,44,013
				Total, Direct and Indirect Charges ..	50,96,236	1,86,431	52,82,700
				* Deduct—Old maintenance charges saved to Government ..	18,38,963	36,246	18,75,209
				Net Total ..	32,57,273	1,50,218	34,07,491
				Balance, net revenue ..	1,29,72,334	4,35,669	1,34,15,003
Total, Receipts ..	1,62,36,607	5,85,887	1,68,22,494	Grand Total ..	1,62,36,507	5,85,887	1,68,22,494

* Direct—	RS.
Extensions and improvements	3,909
Maintenance and repairs	25,744
Establishment	5,576
Tools and plant	236
Total ..	35,465
Indirect	781
Total, Direct and Indirect ..	36,246

No. 4.—Interest Account for and to end of 1920-1921.

	Amount.		Amount.
RS.	RS.	RS.	RS.
Total interest charges to end of 1919-1920 ..	78,78,413	Net revenue realized to end of 1919-1920 ..	1,29,72,334
Total interest charges for the year 1920-1921 ..	1,90,566	Net revenue realized during 1920-1921 ..	4,35,669
Balance, net revenue ..	53,16,024		..
Total ..	1,34,15,003	Total ..	1,34,15,003

IRRIGATION BRANCH.

PUBLIC WORKS DEPARTMENT.

PENNER RIVER CANALS SYSTEM—Canal Project.

No. 5.—Account of Indirect Charges for and to end of 1920-1921.

Particulars.	Previous.	1920-1921.	Total.
CAPITAL—			
Capitalization of abatement of land revenue	Rs. 8,56,767	Rs. ..	Rs. 8,56,767
Leave and pension allowances	1,56,321	120	1,56,441
Total ..	10,13,088	120	10,13,208
REVENUE—			
Capitalization of abatement of land revenue	32,761	..	32,761
Leave and pension allowances	2,07,851	3,401	2,11,252
Total ..	2,40,612	3,401	2,44,013
Grand Total ..	12,53,700	3,521	12,57,221

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	8,82,944	46,32,041	8,460	13,990	5,430	46,20,501		
Establishment	8,05,532	1,51,969	9,57,501	548	3,016	2,500	9,58,047		
Tools and plant	1,42,971	1,225	1,44,196	49	133	90	1,44,245		
Expense account	..	..	..	..	..	..	..		
Total ..	46,97,500	10,35,138	57,32,638	9,055	17,075	8,020	57,22,793		
Less—Receipts on Capital Account	55	2,803	2,858	..	..	..	2,858	Mis. 299 I., 20th July 1917.	2,150
Net Total ..	46,97,445	10,32,335	57,29,780	9,055	17,075	8,020	57,19,935	Mis. 382 I., 12th Sep. 1917.	2,460
Indirect Charges									
Capitalized abatement of land revenue	7,59,748	57,019	8,16,767	..	..	..	8,16,767	Mis. 171 I., 16th May 1918.	8,600
Leave and pension allowances	1,35,690	21,275	1,56,965	76	..	— 76	1,56,441	Mis. 81 I., 26th March 1919.	1,280
Total ..	9,34,838	78,294	10,13,132	76	..	— 76	10,13,208		
Grand Total ..	56,32,283	10,31,629	66,63,912	9,131	17,075	7,944	66,33,143	Total ..	13,890

ADMINISTRATIVE ACCOUNTS FOR THE YEAR 1920-21.

MADRAS PRESIDENCY.

KURNOOL-CUDDAPAH CANAL—Canal Project.

No. 2.—Capital Account for and to end of 1920-1921.

Heads of account.	DIRECT CHARGES.			Cost of construction as now estimated (construction estimate closed).	Expenditure against closed estimate.
	Previous.	1920-1921.	Total.		
I. Works—	Rs.	Rs.	Rs.	Rs.	Rs.
(1) Head Works—					
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	18,873	23	18,896	17,268	..
K. Buildings	3,700	..	3,700	3,706	..
L. Earthwork	352	..	352	185	..
O. Miscellaneous	3,802	..	3,802	4,553	..
P. Maintenance	200	..	200	225	..
Unforeseen works	..	..	..	..	..
Total ..	1,78,09,727	23	1,78,09,750	1,78,08,323	1,77,82,139
(2) Main Canals and Branches—					
A. Preliminary expenses	2,341	..	2,341	2,298	..
B. Land	28,556	..	28,556	24,292	42
D. Regulators	62,525	9,495	72,020	1,70,537	1,44,737
E. Falls and weirs	20,483	..	20,483	16,952	..
F. River and Hill torrent work	4,185	..	4,185	..	..
F. (1) Other cross drainage works	1,59,040	85	1,59,125	2,22,559	1,993
G. Bridges	28,443	..	28,443	37,796	..
H. Escapes	9,710	..	9,710	44,700	44,700
K. Buildings	12,099	..	12,099	12,088	4,710
L. Earthwork	2,45,245	11,770	2,60,016	2,29,738	22,087
M. Plantation	..	..	..	..	..
N. Tanks and reservoirs	1,076	..	1,076	..	..
O. Miscellaneous	32,340	780	33,120	30,462	15,462
P. Maintenance	2,793	..	2,793	3,000	..
Total ..	6,11,837	22,130	6,33,967	7,94,417	2,40,731
(3) Distributaries—					
A. Preliminary expenses	205	..	205	..	..
B. Land	39,669	..	39,669	..	..
C. Works	3,50,971	199	3,51,170	..	..
F. (1) Other cross drainage works	933	91	1,024	5,98,327	1,09,020
L. Earthwork	2,26,700	2,803	2,29,503	..	..
O. Miscellaneous	7,550	1,617	9,167	..	..
P. Maintenance	337	619	956	..	..
Unforeseen works	..	25	25	..	..
Total ..	6,26,365	5,257	6,31,622	5,98,327	1,09,020
(5) Special tools and plant—					
Provision for unforeseen works	— 257	..	— 257	11,337	..
Total, Works ..	1,90,47,672	27,410	1,90,75,082	1,92,12,404	1,81,81,890
II. ESTABLISHMENT	3,49,462	18,579	3,68,041	3,68,767	89,686
III. TOOLS AND PLANT	2,627	266	2,893	12,237	269
Loss by exchange	40,80,918	..	40,80,918	40,80,918	40,80,918
Grand Total ..	2,34,80,679	46,255	2,35,26,934	2,36,14,326	2,23,02,763
V. Less—RECEIPTS ON CAPITAL ACCOUNT ..	2,31,977	..	2,31,977	2,26,747	2,26,747
Net Total ..	2,32,48,702	46,255	2,32,94,957	2,33,87,579	2,20,76,016
Appropriation—					
Chargeable to 49. Irrigation	2,18,65,751	7,370	2,18,73,121	..	..
to 43. Minor Works and Navigation—					
Imperial	..	..	..	..	..
Provincial	13,45,629	38,885	13,84,414	..	..
Chargeable to 23. Famine Relief—					
Imperial	37,723	..	37,723	..	..
Provincial	— 301	..	— 301	..	..
Total ..	2,32,48,702	46,255	2,32,94,957	..	..

IRRIGATION BRANCH.

PUBLIC WORKS DEPARTMENT.

KURNOOL-CUDDAPAH CANAL—Canal Project.

No. 3.—Revenue Account for and to end of 1920-1921.

Receipts.	Total.			Charges.	Total.		
	Previous.	1920-1921.	Total.		Previous.	1920-1921.	Total.
I. DIRECT RECEIPTS—	RS.	RS.	RS.	I. EXTENSIONS AND IMPROVEMENTS—	RS.	RS.	RS.
1. Water-rates from irrigation ..	35,98,514	..	35,98,514	(1) Head works ..	46,052	846	46,898
2. Sale of water ..	93	..	93	(2) Main canals and branches ..	3,28,223	10,271	3,38,494
3. Water-supply of towns ..	64,640	2,122	66,762	(3) Distributaries ..	74,079	315	74,395
4. Receipts from plantations ..	22,017	695	22,712	(4) Drainage and protective works ..	13,251	..	13,251
5. Receipts from other canal produce ..	1,35,793	3,482	1,39,275	(5) Special tools and plant ..	— 69	8	— 61
6. Navigation receipts ..	77,671	586	78,257	Add—Unclassifiable outlay ..	565	..	565
7. Rents of buildings ..	29,187	1,130	30,317	Total ..	4,62,101	11,441	4,73,542
8. Fines ..	72	..	72	II. MAINTENANCE AND REPAIRS—	..	..	..
9. Miscellaneous ..	86,766	5,175	91,941	(1) Head works ..	2,03,713	2,251	2,05,964
Total Revenue realized in Public Works Department ..	40,14,753	13,190	40,27,943	(2) Main canals and branches ..	25,08,543	81,744	25,90,287
Irrigation Revenue realized in Civil Department ..	28,37,426	3,42,751	31,80,177	(3) Distributaries ..	3,44,794	7,502	3,52,296
Total, Direct Receipts ..	68,52,179	3,55,941	72,08,120	(4) Drainage and protective works ..	20,108	..	20,108
II. INDIRECT RECEIPTS—	..	..	..	(5) Special tools and plant ..	1,593	1,992	3,495
Share of land revenue collected in the Civil Department ..	19,244	1,960	21,204	Add—Unclassifiable outlay ..	11,150	..	11,150
Total, Public Works and Civil Departments, Revenue ..	68,71,423	3,57,901	72,29,324	Total ..	30,87,811	93,489	31,81,300
Total, Receipts ..	68,71,423	3,57,901	72,29,324	Total, Extensions and Improvements and Maintenance and Repairs ..	35,49,912	1,04,930	36,54,842
				IV. ESTABLISHMENT ..	13,00,317	72,006	13,72,323
				V. TOOLS AND PLANT ..	1,06,256	1,016	1,07,272
				VI. REFUNDS OF REVENUE ..	14,597	195	14,592
				Total, Direct Charges ..	49,70,882	1,78,147	51,49,029
				Share of collection charges in the Civil Department ..	1,52,711	17,227	1,69,938
				Indirect Charges ..	1,88,084	10,081	1,98,165
				Total, Direct and Indirect Charges ..	53,11,677	2,05,455	55,17,132
				Deduct old maintenance charges saved to Government * ..	18,524	5,356	23,880
				Net total ..	52,93,153	2,00,099	54,93,253
				Balance, net revenue ..	15,78,270	1,57,892	17,36,072
				Grand Total ..	68,71,423	3,57,901	72,29,324

Direct—	RS.
Extensions and improvements ..	232
Maintenance and repairs ..	2,757
Establishment ..	2,051
Tools and plant ..	29
Total ..	5,069
Indirect ..	287
Total, Direct and Indirect ..	5,356

No. 4.—Interest Account for and to end of 1920-1921.

	Amount.		Amount.
	RS.		RS.
Total interest charges to end of 1919-1920 ..	3,13,55,995	Net revenue realized to end of 1919-1920 ..	15,78,270
Total interest charges for the year 1920-1921 ..	7,81,390	Net revenue realized during 1920-1921 ..	1,57,802
		Balance net interest charges ..	3,04,01,318
Total ..	3,21,37,385	Total ..	3,21,37,385

ADMINISTRATIVE ACCOUNTS FOR THE YEAR 1920-21.

MADRAS PRESIDENCY.

KURNOOL-CUDDAPAH CANAL—Canal Project.

No. 5.—Account of Indirect Charges for and to end of 1920-1921.

Particulars.	Previous.	1920-1921.	Total.
	RS.	RS.	RS.
CAPITAL—			
Capitalization of abatement of land revenue ..	19,983	..	19,983
Leave and pension allowances ..	48,943	2,601	51,544
Total ..	68,926	2,601	71,527
REVENUE—			
Capitalization of abatement of land revenue ..	5,611	..	5,611
Leave and pension allowances ..	1,82,473	10,081	1,92,554
Total ..	1,88,084	10,081	1,98,165
Grand Total ..	2,57,010	12,682	2,69,692

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

Particulars.	CHARGES AGAINST CLOSED SANCTIONS.			CURRENT SANCTIONS.			Total charges to date against old and current sanctions.	REMARKS.	
	Expenditure against construction estimate.	Expenditure against open canal sanctions.	Total.	Charges to date.	Amount of sanctioned estimate.	Unspent balance of estimate.		G.O. No. and date.	Amount of estimate.
Direct Charges.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	Direct Charges.	RS.
Works ..	1,77,82,139	3,49,751	1,81,31,890	9,43,192	10,80,514	1,37,322	1,90,75,082	851 I., 8th Oct. 1900.	2,32,200
Establishment ..	..	89,686	89,686	2,78,355	2,19,081	— 59,274	3,68,041		
Tools and plant ..	..	269	269	2,624	11,968	9,344	2,893		
Suspense account ..	..	..	..	..	..	..	..		
Loss by exchange ..	40,80,918	..	40,80,918	..	..	..	40,80,918		
Total ..	2,18,63,057	4,39,706	2,23,02,763	12,24,171	13,11,563	87,392	2,35,26,934	487 I., 21st Nov. 1916.	7,42,514
Less—Receipts on Capital Account.	2,24,115	2,632	2,26,747	5,230	..	— 5,230	2,31,977	156 I., 10th April 1916.	80,000
								17 I., 8th Jan. 1918.	25,800
								Total ..	10,80,514
Not Total ..	2,16,38,942	4,37,074	2,20,76,016	12,18,941	13,11,563	92,622	2,32,94,957	Indirect Charges.	
Indirect Charges.								851 I., 8th Oct. 1900.	23,000
Capitalized abatement of land revenue ..	..	2,377	2,377	17,608	41,098	23,492	19,983	487 I., 21st Nov. 1916.	42,096
Leave and pension allowances ..	..	12,575	12,575	38,969	29,276	— 9,693	51,544	156 I., 10th April 1916.	5,278
Total ..	..	14,952	14,952	56,575	70,374	13,799	71,527	Total ..	70,374
Grand Total ..	2,16,38,942	4,62,026	2,20,90,968	12,75,516	13,81,937	1,06,421	2,33,65,454		

IRRIGATION BRANCH.

PUBLIC WORKS DEPARTMENT.

BARUR TANK—Tank Project.

No. 2.—Capital Account for and to end of 1920-1921.

Heads of account.	DIRECT CHARGES.			Cost of construction as now estimated (construction estimate closed on 31st March 1891).	Expenditure against closed estimate.
	Previous.	1920-1921.	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
C. Miscellaneous ...	4,568	...	4,568	4,568	4,568
F. 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
(5) Special tools and plant ...	...	...	...	...	...
Provision for unforeseen works ...	...	...	...	...	...
Total, Works ...	3,35,765	...	3,35,765	3,35,765	3,35,765
II. ESTABLISHMENT ...	76,701	...	76,701	76,701	76,701
III. TOOLS AND PLANT ...	6,931	...	6,931	6,931	6,931
Grand Total ...	4,19,397	...	4,19,397	4,19,397	4,19,397
V. <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.
Do. to 43. Minor Works and Navigation—Provincial, ...	4,02,176
	17,199
Total ...	4,19,375

ADMINISTRATIVE ACCOUNTS FOR THE YEAR 1920-21.

MADRAS PRESIDENCY.

BARUR TANK—Tank Project.

No. 3.—Revenue Account for and to end of 1920-1921.

Receipts.	TOTAL.			Charges.	TOTAL.		
	Previous.	1920-1921.	Total.		Previous.	1920-1921.	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 ...	6,436	1,532	7,969	(2) Main canals and branches ...	17,574	...	17,574
9. Rents of buildings ...	397	43	440	(3) Distributaries ...	2,561	...	2,561
11. Miscellaneous ...	1,740	...	1,740	(4) Drainage and protective works ...	1,661	...	1,661
Total, Revenue realized in Public Works Department ...	8,614	1,576	10,190	(5) Special tools and plant ...	...	...	...
Irrigation Revenue realized in Civil Department ...	4,04,134	14,140	4,18,274	Total ...	26,237	...	26,237
Total, Direct Receipts ...	4,12,748	15,716	4,28,464	II. MAINTENANCE AND REPAIRS—			
II. INDIRECT RECEIPTS—				(1) Head works ...	17,824	...	17,824
Share of land revenue collected in the Civil Department ...	7,910	471	8,381	(2) Main canals and branches ...	91,698	3,785	95,483
Total, Public Works and Civil Departments, Revenue ...	4,20,658	16,187	4,36,845	(3) Distributaries ...	10,068	...	10,068
				(4) Drainage and protective works ...	666	...	666
				(5) Special tools and plant ...	...	...	...
				Total ...	1,20,256	3,785	1,24,041
				Total, Extensions and Improvements and Maintenance and Repairs ...	1,46,493	3,785	1,50,278
				IV. ESTABLISHMENT ...	56,134	1,278	57,412
				V. TOOLS AND PLANT ...	296	48	344
				VI. REFUNDS OF REVENUE ...	54	...	54
				Total, Direct Charges ...	2,02,977	5,111	2,08,088
				Share of collection charges in the Civil Department ...	20,270	709	20,979
				Indirect charges ...	7,939	179	8,168
				Total, Direct and Indirect Charges ...	2,31,236	5,999	2,37,235
				Balance, net revenue ...	1,89,422	10,188	1,99,610
Total, Receipts ...	4,20,658	16,187	4,36,845	Grand Total ...	4,20,658	16,187	4,36,845

No. 4.—Interest Account for and to end of 1920-1921.

	Amount.		Amount.
	Rs.		Rs.
Total interest charges to end of 1919-1920 ...	5,21,876	Net revenue realized to end of 1919-1920 ...	1,89,422
Total interest charges for the year 1920-1921 ...	13,945	Net revenue realized during 1920-1921 ...	10,188
		Balance net interest charges ...	3,36,211
Total ...	5,35,821	Total ...	5,35,821

IRRIGATION BRANCH.

PUBLIC WORKS DEPARTMENT.

BARUR TANK—Tank Project.

No. 5.—Account of Indirect Charges for and to end of 1920-1921.

Particulars.	Previous.	1920-1921.	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	7,859	179	8,038
Total ..	7,989	179	8,168
Grand Total ..	31,727	179	31,906

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

Particulars.	CHARGES AGAINST CLOSED SANCTIONS.			CURRENT SANCTIONS.			Total charges to date against old and current sanctions.	Remarks.
	Expenditure against construction estimate.	Expenditure against open canal sanctions.	Total.	Charges to date.	Amount of sanctioned estimate.	Unspent balance of estimate.		
Direct charges.	RS.	RS.	RS.				RS.	
Works	3,11,681	24,084	3,35,765	..	..	..	3,35,765	
Establishment	71,683	5,018	76,701	..	..	..	76,701	
Tools and plant	6,883	48	6,931	..	..	..	6,931	
Suspense account	..	..	..	..	..	..	..	
Total ..	3,90,247	29,150	4,19,397	..	..	..	4,19,397	
Less—Receipts on capital account	22	..	22	..	..	..	22	
Net Total ..	3,90,225	29,150	4,19,375	..	..	..	4,19,375	
Indirect charges.								
Capitalized abatement of land revenue	12,056	944	13,000	..	..	..	13,000	
Leave and pension allowances	10,636	702	10,738	..	..	..	10,738	
Total ..	22,692	1,646	23,738	..	..	..	23,738	
Grand Total ..	4,12,317	30,796	4,43,113	..	..	..	4,43,113	

ADMINISTRATIVE ACCOUNTS FOR THE YEAR 1920-21.

MADRAS PRESIDENCY.

POINNEY ANICUT SYSTEM—Canal Project.

No. 2.—Capital Account for and to end of 1920-1921.

Heads of account.	DIRECT CHARGE			Cost of construction as now estimated (construction estimate closed in 1897).	Expenditure against closed estimates.
	Previous.	1920-1921.	Total.		
	RS.	RS.	RS.	RS.	RS.
I. WORKS—					
(1) <i>Head Works—</i>					
C. Works	52,619	9,961	62,580	78,597	52,597
Total ..	52,619	9,961	62,580	78,597	52,597
(2) <i>Main Canals and Branches—</i>					
B. Land	..	..	..	500	..
D. Regulators	1,596	59	1,655	1,596	1,596
E. Falls and weirs	..	..	..	390	..
F. River and hill torrent works	..	..	..	3,270	..
K. Buildings	3,636	..	3,636	3,636	3,636
L. Earthwork	1,34,712	..	1,34,712	1,31,874	1,22,874
N. Tanks and reservoirs	6,368	..	6,368	6,368	6,368
Total ..	1,46,312	59	1,46,371	1,47,634	1,34,474
(3) <i>Distributaries—</i>					
B. Land	..	..	..	..	..
C. Works	8,563	..	8,563	8,567	6,367
L. Earthwork	..	..	..	..	..
Total ..	8,563	..	8,563	8,567	6,367
(5) Special tools and plant	..	..	..	..	..
Total, Works ..	2,07,494	10,020	2,17,514	2,34,798	1,93,438
II. ESTABLISHMENT	49,592	4,186	53,778	53,407	44,383
III. TOOLS AND PLANT	141	47	188	625	38
Grand Total ..	2,57,227	14,253	2,71,480	2,88,930	2,37,859
Apportionment—					
Chargeable to 49. Irrigation	26,460	14,253	40,713	..	..
Do. to 43. Irrigation—Provincial.	2,30,767	..	2,30,767	..	..
Total ..	2,57,227	14,253	2,71,480	..	..

IRRIGATION BRANCH.

PUBLIC WORKS DEPARTMENT.

POINEY ANICUT SYSTEM—Canal Project.

No. 3.—Revenue Account for and to end of 1920-1921.

Receipts.	TOTAL.			Charges.	TOTAL.		
	Previous.	1920-1921.	Total.		Previous.	1920-1921.	Total.
I. Direct Receipts—	RS.	RS.	RS.	I. EXTENSIONS AND IMPROVEMENTS—	RS.	RS.	RS.
Receipts from plantations ..	1,887	716	2,603	(1) Head works ..	5,199	32	5,231
6. Receipts from other canal produce ..	8,336	..	8,336	(2) Main canals and branches ..	22,093	572	22,665
9. Rents of buildings ..	358	66	424	(3) Distributaries ..	37,397	1,263	38,660
11. Miscellaneous ..	4,532	9	4,541	(4) Drainage and protective works ..	49,029	..	49,029
				(5) Special tools and plant ..	..	..	..
Total, Revenue realized in Public Works Department ..	15,113	791	15,904	Total ..	1,13,718	1,867	1,15,585
Irrigation Revenue realized in Civil Department ..	21,92,634	60,950	22,53,584	II. MAINTENANCE AND REPAIRS—			
				(1) Head works ..	62,242	2,763	65,005
Total, Direct Receipts ..	22,07,747	61,741	22,69,488	(2) Main canals and branches ..	75,357	3,088	78,445
				(3) Distributaries ..	1,67,130	6,880	1,74,010
II. Indirect Receipts—				(4) Drainage and protective works ..	..	..	..
Share of Land Revenue collected in the Civil Department ..	2,69,270	5,451	2,74,721	(5) Special tools and plant ..	..	..	..
				<i>Add—Unclassifiable outlay ..</i>	<i>2,76,594</i>	<i>..</i>	<i>2,76,594</i>
Total, Public Works and Civil Departments, Revenue ..	24,77,017	67,192	25,44,209	Total ..	5,81,323	12,781	5,94,054
				Total, Extensions and Improvements and Maintenance and Repairs ..	6,95,041	14,598	7,09,639
				IV. ESTABLISHMENT ..	2,01,775	6,038	2,07,813
				V. TOOLS AND PLANT ..	577	67	644
				VI. REFUNDS OF REVENUE ..	461	..	461
				Total, Direct Charges ..	8,97,854	20,763	9,18,617
				Share of collection charges in the Civil Department ..	1,23,052	3,315	1,26,370
				Indirect charges ..	28,650	854	29,504
				Total, Direct and Indirect Charges ..	10,49,556	24,935	10,74,491
				<i>Deduct—Old maintenance charges saved to Government ..</i>	<i>32,700</i>	<i>4,624</i>	<i>37,324</i>
				Net Total ..	10,16,856	20,311	10,37,167
				Balance, net revenue ..	14,60,161	46,891	15,07,042
Total, Receipts ..	24,77,017	67,192	25,44,209	Grand Total ..	24,77,017	67,192	25,44,209

Direct—	RS.
Extensions and improvements ..	3,057
Maintenance and repairs ..	66
Establishment ..	1,204
Tools and plant ..	14
	4,441
Indirect ..	183
Total ..	4,624

ADMINISTRATIVE ACCOUNTS FOR THE YEAR 1920-21.

MADRAS PRESIDENCY.

POINEY ANICUT SYSTEM—Canal Project.

No. 4.—Interest Account for and to end of 1920-1921.

	Amount.		Amount.
	RS.		RS.
Total interest charges to end of 1919-1920 ..	4,45,563	Net revenue realized to end of 1919-1920 ..	14,60,161
Total interest charges for the year 1920-1921 ..	9,286	Net revenue during 1920-1921 ..	46,881
Balance, net revenue ..	10,52,193		
Total ..	15,07,042	Total ..	15,07,042

No. 5.—Account of Indirect Charges for and to end of 1920-1921.

Particulars.	Previous.	1920-1921.	Total.
	RS.	RS.	RS.
CAPITAL—			
Capitalization of abatement of land revenue ..	165	..	165
Leave and pension allowances ..	8,914	586	7,530
Total ..	7,169	586	7,695
REVENUE—			
Capitalization of abatement of land revenue ..	403	..	403
Leave and pension allowances ..	28,247	854	29,101
Total ..	28,650	854	29,504
Grand Total ..	35,769	1,440	37,199

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

Particulars.	CHARGES AGAINST CLOSED SANCTIONS.			CURRENT SANCTIONS.			Total charges to date against old and current sanctions.	REMARKS.	
	Expenditure against construction estimate.	Expenditure against open canal sanction.	Total.	Charges to date.	Amount of sanctioned estimate.	Unspent balance of estimate.		G.O. No. and date.	Amount of estimate.
Direct Charges.	RS.	RS.	RS.	RS.	RS.	RS.	RS.		RS.
Works ..	1,83,435	10,003	1,93,438	24,076	41,360	17,284	2,17,514	322 I., 1st Aug. 1917.	2,200
Establishment ..	42,189	2,194	44,383	9,395	9,024	— 371	53,778	431 I., 18th Dec. 1918.	13,150
Tools and plant ..	..	38	38	150	587	437	189	Mis. 69 I., 2nd Mar. 1921.	25,000
Suspense account ..	..	..	..	..	..	..	..		
Total ..	2,25,624	12,235	2,37,859	33,621	50,971	17,350	2,71,480	Total ..	41,360
Less—Receipts on capital account ..	..	..	..	..	..	..	..		
Net Total ..	2,25,624	12,235	2,37,859	33,621	50,971	17,350	2,71,480		
Indirect Charges.									
Capitalized abatement of land revenue ..	165	..	165	..	..	..	165		
Leave and pension allowances ..	5,967	307	6,274	1,316	..	— 1,316	7,530		
Total ..	6,072	307	6,379	1,316	..	— 1,316	7,695		
Grand Total ..	2,31,696	12,542	2,44,238	34,937	50,971	16,034	2,79,175		

IRRIGATION BRANCH.

PUBLIC WORKS DEPARTMENT.

CHEYERU ANICUT SYSTEM—Canal Project.

No. 2.—Capital Account for and to end of 1920-1921.

Heads of account.	DIRECT CHARGES.			Cost of construction as now estimated (construction estimate closed on 31st March 1896).	Expenditure against closed estimate.
	Previous.	1920-1921.	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
F. River and hill torrent works	498	...	498	498	498
F. (1) Other cross drainage works	7,099	...	7,099	7,099	7,099
G. Bridges	11,934	...	11,934	11,934	11,934
K. Buildings	5,456	...	5,456	5,456	5,456
L. Earthwork	2,17,214	...	2,17,214	2,17,214	2,17,214
N. Tanks and reservoirs	29,756	...	29,756	29,756	29,756
O. Miscellaneous	2,098	...	2,098	2,098	2,098
Total ...	2,84,626	...	2,84,626	2,84,626	2,84,626
(3) <i>Distributaries—</i>					
B. Lands	...	...	...	14,922	...
C. Works	7,555	20,171	27,726	8,646	5,573
L. Earthwork	...	...	...	19,765	...
O. Miscellaneous	...	...	...	300	...
Total ...	7,555	20,171	27,726	43,633	5,573
(5) Special tools and plant	...	...	...	...	...
Provision for unforeseen works	...	...	...	...	...
Total, Works ...	3,49,041	20,171	3,69,212	3,85,119	3,47,059
II. ESTABLISHMENT	79,400	8,427	87,827	87,209	78,646
III. TOOLS AND PLANT	8	93	101	571	...
Grand Total ...	4,28,449	28,691	4,57,140	4,72,899	4,25,705
<i>Apportionment—</i>					
Chargeable to 49. Irrigation	29,533	28,691	58,224	...	...
No. 43. Irrigation—Provincial	3,98,916	...	3,98,916	...	...
Total ...	4,28,449	28,691	4,57,140	...	...

ADMINISTRATIVE ACCOUNTS FOR THE YEAR 1920-21.

MADRAS PRESIDENCY

CHEYKRU ANICUT SYSTEM—Canal Project.

No. 3.—Revenue Account for and to end of 1920-1921.

Receipts.	TOTAL.			Charges.	TOTAL.		
	Previous.	1920-1921.	Total.		Previous.	1920-1921.	Total.
	RS.	RS.	RS.		RS.	RS.	RS.
I. DIRECT RECEIPTS—				I. EXTENSIONS AND IMPROVEMENTS—			
5. Receipts from plantation	3,293	1,390	4,683	(1) Head works	10,102	159	10,261
6. Receipts from other canal produce ...	9,505	...	9,505	(2) Main canals and branches	19,307	79	19,386
9. Rents of buildings ...	733	55	788	(3) Distributaries	69,057	4,464	73,521
11. Miscellaneous ...	8,133	45	8,178	(4) Drainage and protective works	1,919	...	1,919
				(5) Special tools and plant	...	...	...
Total, Revenue realized in Public Works Department ...	21,664	1,490	23,154	Add—Unclassifiable outlay	39,441	...	39,441
Irrigation Revenue realized in Civil Department ...	19,17,449	74,975	19,92,324	Total ...	1,39,826	4,702	1,44,528
Total, Direct Receipts ...	19,39,113	76,365	20,15,478	II. MAINTENANCE AND REPAIRS—			
II. INDIRECT RECEIPTS—				(1) Head works	33,989	2,109	36,098
Share of Land Revenue collected in the Civil Department ...	1,92,246	3,351	1,95,597	(2) Main canals and branches	1,05,884	4,955	1,10,839
Total, Public Works and Civil Departments, Revenue ...	21,31,359	79,716	22,11,075	(3) Distributaries	3,86,272	16,179	4,02,451
				(4) Drainage and protective works	13,489	...	13,489
				(5) Special tools and plant	...	...	...
				Add—Unclassifiable outlay	2,78,001	...	2,78,001
				Total ...	8,19,335	23,256	8,42,591
				Total, Extensions and Improvements and Maintenance and Repairs ...	9,59,161	27,958	9,87,119
				IV. ESTABLISHMENT	2,34,908	11,579	2,46,487
				V. TOOLS AND PLANT	1,278	129	1,407
				VI. REFUNDS OF REVENUE	832	...	832
				Total, Direct Charges ...	12,26,179	39,765	12,65,945
				Share of collection charges in the Civil Department	1,05,469	3,909	1,09,378
				Indirect charges	37,086	1,635	38,721
				Total, Direct and Indirect Charges ...	13,68,734	45,310	14,14,044
				* Deduct—old maintenance charges saved to Government	33,559	4,747	38,306
				Net Total ...	13,35,165	40,563	13,75,728
				Balance, net revenue	7,96,194	39,153	8,35,347
Total, Receipts ...	21,31,359	79,716	22,11,075	Grand Total ...	21,31,359	79,716	22,11,075

* Direct—	RS.
Extensions and improvements	2,566
Maintenance and repairs	640
Establishment	1,339
Tools and plant	15
	4,560
Indirect	127
Total ...	4,747

No. 4.—Interest Account for and to end of 1920-1921.

	Amount.		Amount.
	RS.		RS.
Total interest charges to end of 1919-20	6,59,369	Net revenue realized to end of 1919-20	7,96,194
Total interest charges for the year 1920-21	15,044	Net revenue realized during 1920-21	39,153
Balance net revenue	1,60,934		
Total ...	8,35,347	Total ...	8,35,347

IRRIGATION BRANCH.

PUBLIC WORKS DEPARTMENT.

CHEYERU ANICUT SYSTEM—Canal Project.

No. 5.—Account of Indirect Charges for and to end of 1920-1921.

Particulars.	Previous.	1920-1921.	Total.
CAPITAL—	RS.	RS.	RS.
Capitalization of abatement of land revenue	744		744
Leave and pension allowances	11,116	1,180	12,296
Total ..	11,860	1,180	13,040
REVENUE—			
Leave and pension allowances	37,086	1,635	38,721
Total ..	37,086	1,635	38,721
Grand Total ..	48,946	2,815	51,761

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	28,194	3,47,059	22,153	38,060	15,907	3,69,212		
Establishment	73,542	5,104	78,646	9,181	8,563	618	87,827		
Tools and plant				101	571	470	101		
Suspense account									
Total ..	3,94,407	31,298	4,25,705	31,435	47,194	16,759	4,57,140	382 I., 23rd Dec. 1919.	38,060
Less—Receipts on capital account									
Net total ..	3,94,407	31,298	4,25,705	31,435	47,194	16,759	4,57,140		
Indirect charges.									
Capitalized abatement of land revenue	744		744				744		
Leave and pension allowances	10,296	714	11,010	1,286		—1,286	12,296		
Total ..	11,040	714	11,754	1,286		—1,286	13,040		
Grand Total ..	4,05,447	32,012	4,37,459	32,721	47,194	14,473	4,70,180		

ADMINISTRATIVE ACCOUNTS FOR THE YEAR 1920-21.

MADRAS PRESIDENCY.

TIRUKKÖYLÖR ANICUT SYSTEM—Canal Project.

No. 2.—Capital Account for and to end of 1920-1921.

Heads of account.	DIRECT CHARGES.			Cost of construction as now estimated (construction estimate closed in March 1895).	Expenditure against closed estimate.
	Previous.	1920-1921.	Total.		
I. Works—	Rs.		Rs.	Rs.	Rs.
(1) <i>Head Works—</i>					
C. 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
(5) <i>Special tools and plant</i>					
Total, Works ..	3,01,870		3,01,870	3,01,870	3,01,870
II. ESTABLISHMENT	64,689		64,689	64,689	64,689
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 1920-1921.

Receipts.	TOTAL.			Charges.	TOTAL.		
	Previous.	1920-1921.	Total.		Previous.	1920-1921.	Total.
I. DIRECT RECEIPTS—	RS.	RS.	RS.	I. EXTENSIONS AND IMPROVEMENTS—	RS.	RS.	RS.
5. Receipts from plantations ..	22,247	1,008	23,255	(1) Head works ..	4,289	..	4,289
6. Receipts from other canal produce ..	5,113	96	5,214	(2) Main canals and branches ..	41,817	130	41,947
9. Rents of buildings ..	558	23	581	(3) Distributaries ..	50,322	..	50,322
11. Miscellaneous ..	568	2	570	(4) Drainage and protective works ..	20,015	..	20,015
				(5) Special tools and plants ..	..	..	..
Total, Revenue realized in Public Works Department ..	28,491	1,129	29,620	Total ..	1,16,443	130	1,16,573
Irrigation Revenue realized in Civil Department ..	16,26,427	76,775	17,03,202	II. MAINTENANCE AND REPAIRS—			
Total, Direct Receipts ..	16,54,918	77,904	17,32,822	(1) Head works ..	55,415	838	56,253
II. INDIRECT RECEIPTS—				(2) Main canals and branches ..	2,11,606	7,520	2,19,126
Share of Land Revenue collected in the Civil Department ..	1,54,650	3,362	1,58,012	(3) Distributaries ..	1,13,748	214	1,13,962
Total, Public Works and Civil Departments, Revenue.	18,09,568	81,266	18,90,834	(4) Drainage and protective works ..	8,680	..	8,680
				(5) Special tools and plants ..	..	..	..
				Add—Unclassifiable outlay ..	1,95,063	..	1,95,063
				Total ..	5,84,512	8,572	5,93,084
				Total, Extensions and Improvements and Maintenance and Repairs ..	7,00,255	8,702	7,09,657
				IV. ESTABLISHMENT ..	1,96,342	3,635	1,99,977
				V. TOOLS AND PLANT ..	622	40	662
				VI. REFUNDS OF REVENUE ..	303	..	303
				Total, Direct Charges ..	8,98,322	12,377	9,10,599
				Share of collection charges in the Civil Department ..	89,054	4,007	93,061
				Indirect Charges ..	27,778	509	28,287
				Total, Direct and Indirect Charges.	10,15,054	16,893	10,31,947
				* Deduct—Old maintenance charges saved to Government ..	51,636	7,303	58,939
				Net Total ..	9,63,418	9,590	9,73,008
				Balance, net revenue ..	8,46,150	71,676	9,17,826
Total, Receipts ..	18,09,568	81,266	18,90,834	Grand Total ..	18,09,568	81,266	18,90,834

* Direct—	RS.
Extensions and improvements ..	1,972
Maintenance and repairs ..	2,960
Establishment ..	2,060
Tools and plant ..	23
Total ..	7,015
Indirect ..	288
Total, Direct and Indirect ..	7,303

No. 4.—Interest Account for and to end of 1920-1921.

	Amount.		Amount.
Total interest charges to end of 1919-1920 ..	RS. 5,10,388	Net revenue realized to end of 1919-1920 ..	RS. 8,46,150
Total interest charges for the year 1920-1921 ..	12,195	Net revenue realized during 1920-1921 ..	71,676
Balance, net revenue ..	3,96,243		
Total ..	9,17,826	Total ..	9,17,826

ADMINISTRATIVE ACCOUNTS FOR THE YEAR 1920-21.

MADRAS PRESIDENCE.

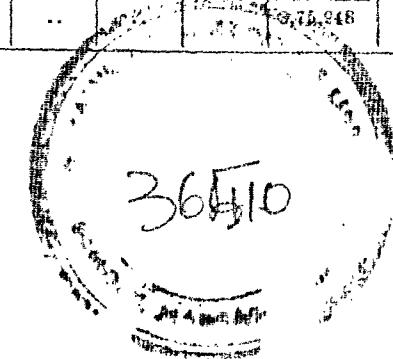
TIRUKKÖYLÜR ANICUT SYSTEM—Canal Project.

No. 5.—Account of Indirect Charges for and to end of 1920-1921.

Particulars.	Previous.	1920-1921.	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 ..	290	..	290
Leave and pension allowances ..	27,488	509	27,997
Total ..	27,778	509	28,287
Grand Total ..	36,967	509	37,476

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 ..	6,420	2,594	9,014	..	..	..	9,014		
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 1920-1921.

Heads of account.	DIRECT CHARGES.			Cost of construction as now estimated (closed in 31st March 1895).	Expenditure against closed estimate.
	Previous.	1920-1921.	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	55,033	32,033
(5) <i>Special Tools and Plant—</i>					
Total, Works ...	8,10,406	...	8,10,406	8,33,406	8,10,406
II. ESTABLISHMENT	1,04,724	...	1,04,724	1,09,899	1,04,724
III. TOOLS AND PLANT	115	...	115	460	115
Grand Total ...	9,15,245	...	9,15,245	9,43,765	9,15,245
<i>Apportionment—</i>					
Chargeable to 49. Irrigation ...	5,03,811	...	5,03,811	...	...
Do. 43. do. Provincial	4,07,014	...	4,07,014	...	...
Chargeable to 35. Provincial— Irrigation Works—Imperial.	4,420	...	4,420	...	...
	9,15,245	...	9,15,245	...	...

ADMINISTRATIVE ACCOUNTS FOR THE YEAR 1920-21.

MADRAS PRESIDENCY.

SHATIATOPE ANICUT SYSTEM—*Canal Project.*

No. 3.—Revenue Account for and to end of 1920-1921.

Receipts.	Total.			Charges.	Total.		
	Previous.	1920-1921.	Total.		Previous.	1920-1921.	Total.
I. DIRECT RECEIPTS—	RS.	RS.	RS.		RS.	RS.	RS.
5. Receipts from plantations	11,284	575	11,859	I. EXTENSIONS AND IMPROVEMENTS—			
6. Receipts from other canal produce ..	4,034	48	4,082	(1) Head works	3,953	2	3,955
9. Rents of buildings ..	691	85	776	(2) Main canals and branches ..	28,036	14	28,050
10. Fines	4	..	4	(3) Distributaries	24,481	..	24,481
11. Miscellaneous ..	192	6	198	(4) Drainage and protective works ..	158	..	158
Total, Revenue realized in Public Works Department ..	16,205	714	16,919	(5) Special tools and plant	..	..	..
Irrigation Revenue realized in Civil Department	39,84,136	1,03,632	40,87,768	Add—Unclassifiable outlay	21,316	..	21,316
Total, Direct Receipts ..	10,00,341	1,04,316	41,04,687	Total ..	77,944	16	77,960
II. INDIRECT RECEIPTS—				II. MAINTENANCE AND REPAIRS—			
Share of land revenue collected in the Civil Department ..	10,78,237	15,209	10,93,446	(1) Head works	74,978	3,245	78,223
Total, Public Works and Civil Departments Revenue ..	50,78,628	1,19,555	51,98,183	(2) Main canals and branches ..	2,36,117	2,626	2,46,743
Total, Receipts ..	50,78,628	1,19,555	51,98,183	(3) Distributaries	89,610	..	89,610
				(4) Drainage and protective works ..	2,689	245	2,934
				(5) Special tools and plant	..	..	..
				Add—Unclassifiable outlay	2,87,678	..	2,87,678
				Total ..	6,91,072	13,116	7,04,188
				Total, Extensions and Improvements and Maintenance and Repairs ..	7,69,016	13,132	7,82,148
				IV. ESTABLISHMENT	2,40,447	5,486	2,45,933
				V. TOOLS AND PLANT	777	61	838
				VI. REFUNDS OF REVENUE	249	..	249
				Total, Direct Charges ..	10,10,489	18,679	10,29,168
				Share of collection charges in the Civil Department ..	2,53,121	5,942	2,59,063
				Indirect charges	34,039	768	34,807
				Total, Direct and Indirect Charges ..	12,97,649	25,389	13,23,038
				* Deduct—Old maintenance charges saved to Government	17,214	2,433	19,647
				Total ..	12,80,435	22,956	13,03,391
				Balance, net revenue	37,98,193	96,592	38,94,785
				Grand Total ..	50,78,628	1,19,555	51,98,183

* Direct—							RS.
Extensions and improvements	..	..	..	..	..	..	64
Maintenance and repairs	..	..	..	..	..	..	1,830
Establishment	..	..	..	..	..	..	686
Tools and plant	..	..	..	..	..	..	7
Indirect	..	..	..	..	..	..	96
							2,337
							Total ..
							2,433

No. 4.—Interest Account for and to end of 1920-1921.

	Amonnt.		Amount.
	RS.		RS.
Total interest charges to end of 1919-20 ..	6,30,188	Net revenue realized to end of 1919-20 ..	37,98,193
Total interest charges for the year 1920-21 ..	30,434	Net revenue realized during 1920-21 ..	96,599
Balance net revenue	33,34,170		
Total ..	38,94,792	Total ..	38,94,792

IRRIGATION BRANCH.

PUBLIC WORKS DEPARTMENT.

SHATIATOPE ANICUT SYSTEM—Canal Project.

No. 5.—Account of Indirect Charges for and to end of 1920-1921.

Particulars.	Previous.	1920-1921.	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	33,660	768	34,428
Total ..	34,039	768	34,807
Grand Total ..	91,310	768	92,078

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

Particulars.	CHARGES AGAINST CLOSED SANCTIONS.			CURRENT SANCTIONS.			Total charges to date against old and current sanctions.	REMARKS.	
	Expenditure against construction estimate.	Expenditure against open canal sanction.	Total.	Charges to date.	Amount of sanctioned estimate.	Unspent balance of estimate.		G.O. No. and date.	Amount of estimate.
<i>Direct Charges.</i>	RS.	RS.	RS.		RS.	RS.	RS.		RS.
Works	1,09,182	7,01,224	8,10,406	..	23,000	23,000	8,10,406	Mis. 136 I. 26th April 1920.	23,000
Establishment	24,702	80,022	1,04,724	..	5,175	5,175	1,04,724		
Tools and plant	..	115	115	..	345	345	115		
Suspense account	..	..	..	..	..	..	..		
Total ..	1,33,884	7,81,361	9,15,245	..	28,520	28,520	9,15,245		
Less—Receipts on Capital account.	..	..	..	..	..	..	..		
Net Total ..	1,33,884	7,81,361	9,15,245	..	28,520	28,520	9,15,245		
<i>Indirect Charges.</i>									
Capitalized abatement of land revenue	..	42,609	42,609	..	..	..	42,609		
Leave and pension allowances	3,457	11,206	14,662	..	..	..	14,662		
Total ..	3,457	14,662	18,119	..	..	..	18,119		
Grand Total ..	1,37,341	7,96,023	9,33,364	..	28,520	28,520	9,33,364		

ADMINISTRATIVE ACCOUNTS FOR THE YEAR 1920-21.

MADRAS PRESIDENCY.

LOWER COLEROON ANICUT SYSTEM—Canal Project.

No. 2.—Capital Account for and to end of 1920-1921.

Heads of account.	DIRECT CHARGES.			Cost of construction as now estimated. Construction estimate closed on 30th June 1921.	Expenditure against closed estimate.
	Previous.	1920-1921.	Total.		
	RS.	RS.	RS.	RS.	RS.
I. WORKS—					
(1) Head Works—					
C. Works	10,39,467	..	10,39,467	10,39,467	10,39,467
K. Buildings	7,572	..	7,572	7,572	7,572
L. Earthwork	..	..	..	..	..
O. Miscellaneous	108	..	108	108	108
Total ..	10,46,931	..	10,46,931	10,46,931	10,46,931
(2) Main Canals and Branches—					
A. Preliminary expenses	3,089	..	3,089	3,089	3,089
B. Land	25,161	..	25,161	25,161	25,161
C. Works	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	1,71,123	..	1,71,123	1,71,123	1,71,123
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	58,443	..	58,443	58,443	58,443
L. Earthwork	76,522	..	76,522	76,522	76,522
O. Miscellaneous	1,329	..	1,329	1,329	1,329
Total ..	1,73,307	..	1,73,307	1,73,307	1,73,307
(5) Special Tools and Plant—					
Provision for unforeseen works	..	..	..	..	..
Total, Works ..	15,48,415	..	15,48,415	15,48,415	15,48,415
II. ESTABLISHMENT	3,09,063	..	3,09,063	3,09,063	3,09,063
III. TOOLS AND PLANT	14,079	..	14,079	14,079	14,079
Grand Total ..	18,71,557	..	18,71,557	18,71,557	18,71,557
Apportionment—					
Chargeable to 49. Irrigation	3,81,952	..	3,81,952	..	..
Chargeable to 43. Irrigation—Provincial	14,89,605	..	14,89,605	..	..
Total ..	18,71,557	..	18,71,557	..	..

IRRIGATION BRANCH.

PUBLIC WORKS DEPARTMENT.

LOWER COLEROON ANICUT SYSTEM—Canal Project.

No. 3.—Revenue Account for and to end of 1920-1921.

Receipts.	TOTAL.			Charges.	TOTAL.		
	Previous.	1920-1921.	Total.		Previous.	1920-1921.	Total.
I. DIRECT RECEIPTS—	RS.	RS.	RS.	I. EXTENSIONS AND IMPROVEMENTS—	RS.	RS.	RS.
5. Receipts from plantations ..	27,449	3,074	30,523	(1) Head works	1,68,866	..	1,68,866
6. Receipts from other canal produce ..	27,499	735	28,234	(2) Main canals and branches ..	1,03,601	921	1,04,522
9. Rents of buildings ..	1,609	272	1,881	(3) Distributaries	40,951	848	41,799
11. Miscellaneous ..	4,100	910	5,010	(4) Drainage and protective works ..	2,074	..	2,074
				(5) Special tools and plant ..	..	1,800	1,800
				Add—Unclassifiable outlay ..	24,873	..	24,873
				Total ..	3,40,365	— 31	3,40,334
Total, Revenue realized in Public Works Department ..	60,657	4,991	65,648	II. MAINTENANCE AND REPAIRS—			
Irrigation revenue realized in Civil Department ..	1,37,33,775	2,59,269	1,39,93,045	(1) Head works	1,52,387	5,554	1,57,941
Total, Direct Receipts ..	1,37,94,433	2,64,260	1,40,58,693	(2) Main canals and branches ..	6,36,027	49,962	6,85,989
				(3) Distributaries	2,80,534	1,676	2,82,210
				(4) Drainage and protective works ..	9,530	830	10,360
				(5) Special tools and plant ..	4,92,053	..	4,92,053
II. INDIRECT RECEIPTS—				Add—Unclassifiable outlay ..	..	..	..
Share of land revenue collected in the Civil Department ..	34,24,116	51,510	34,75,626	Total ..	15,60,531	58,022	16,18,553
				Total, Extensions and Improvements and Maintenance and Repairs ..	19,00,896	57,991	19,58,887
Total, Public Works and Civil Departments, Revenue ..	1,72,18,549	3,15,770	1,75,34,351	IV. ESTABLISHMENT	5,95,434	24,226	6,19,660
				V. TOOLS AND PLANT	2,175	265	2,443
				VI. REFUNDS OF REVENUE	315	108	423
				Total, Direct Charges ..	24,98,820	82,593	25,81,413
				Share of collection charges in the Civil department	8,57,897	15,539	8,73,436
				Indirect charges	96,275	3,392	99,667
				Total, Direct and Indirect Charges ..	34,52,992	1,01,524	35,54,516
				* Deduct—Old maintenance charges saved to Government	76,226	10,781	87,007
				Net Total ..	33,76,766	90,743	34,67,509
				Balance, net revenue	1,38,41,815	2,25,027	1,40,66,842
Total, Receipts ..	1,72,18,549	3,15,770	1,75,34,351	Grand Total ..	1,72,18,531	3,15,770	1,75,34,351

• Direct—

Extensions and improvements	2,427
Maintenance and repairs	4,853
Establishment	3,041
Tools and plant	34
	10,355
Indirect	426
Total ..	10,781

ADMINISTRATIVE ACCOUNTS FOR THE YEAR 1920-21.

MADRAS PRESIDENCY

LOWER COLEROON ANICUT SYSTEM—Canal Project.
No. 4.—Interest Account for and to end of 1920-1921.

	Amount.		Amount.
Total interest charges to end of 1919-1920 ..	RS. 20,06,424	Net revenue realized to end of 1919-1920 ..	RS. 1,38,41,815
Total interest charges for the year 1920-1921 ..	62,270	Net revenue realized during 1920-1921 ..	2,25,027
Balance net revenue	11,998,148		
Total ..	14,066,842	Total ..	14,066,842

No. 5.—Account of Indirect Charges for and to end of 1920-1921.

Particulars.	Previous.	1920-1921.	Total.
CAPITAL—	RS.	RS.	RS.
Capitalization of abatement of land revenue	28,068	..	28,068
Leave and pension allowances	43,267	..	43,267
Total ..	71,335	..	71,335
REVENUE—			
Capitalization of abatement of land revenue	12,916	..	12,916
Leave and pension allowances	83,359	3,392	86,751
Total ..	96,275	3,392	99,667
Grand Total ..	1,67,610	3,392	1,71,002

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	10,67,518	4,80,897	15,48,415	..	..	..	15,48,415		
Establishment	2,32,829	76,434	3,09,263	..	..	..	3,09,263		
Tools and plant	14,059	20	14,079	..	..	..	14,079		
Suspenses account	..	..	..	..	..	..	..		
Total ..	13,14,206	5,57,351	18,71,557	..	..	..	18,71,557		
Less—Receipts on Capital Account.	..	..	..	..	..	..	..		
Net total ..	13,14,206	5,57,351	18,71,557	..	..	..	18,71,557		
Indirect charges.									
Capitalized abatement of land revenue	10,946	17,122	28,068	..	..	..	28,068		
Leave and pension allowances	32,568	10,699	43,267	..	..	..	43,267		
Total ..	43,514	27,821	71,335	..	..	..	71,335		
Grand Total ..	13,57,720	5,85,172	19,42,892	..	..	..	19,42,892		

IRRIGATION BRANCH.

PUBLIC WORKS DEPARTMENT.

TOLUDUR PROJECT—Tank Project.

No. 2.—Capital Account for and to end of 1920-1921.

Heads of account.	DIRECT CHARGES.			Cost of construction as now estimated.	Expenditure against closed estimate.
	Previous.	1920-1921.	Total.		
1	2	3	4	5	6
I. WORKS—	Rs.	Rs.	Rs.	Rs.	
(1) <i>Head Works—</i>					
A. Preliminary expenses	7,744	..	7,744	9,500	..
B. Land	61,112	133	61,245	66,750	..
C. Works	2,08,018	1,10,616	3,18,634	5,94,560	..
K. Buildings	20,307	2,075	18,232	21,000	..
L. Earthwork	5,21,770	68,944	5,90,714	11,65,600	..
O. Miscellaneous	5,841	481	6,322	11,900	..
P. Maintenance	1,492	1,282	2,774	5,000	..
Unforeseen works	..	..	..	5,000	..
Total	8,26,284	1,79,381	10,05,665	18,79,310	..
(2) <i>Main Canals and Branches—</i>					
A. Preliminary expenses	1,176	..	1,176	5,800	..
B. Land	38,597	—199	38,398	56,700	..
C. Works	9,586	3,665	13,251	33,600	..
D. Regulators	20,920	837	21,757	28,200	..
E. Falls and weirs	6,943	539	7,482	14,280	..
F. (1) Other cross drainage works	8,637	217	8,854	20,200	..
G. Bridges	..	..	..	..	..
K. Buildings	31,808	8,075	39,883	61,880	..
L. Earthwork	976	5	981	2,300	..
O. Miscellaneous	654	917	1,571	4,950	..
P. Maintenance	..	..	..	14,780	..
Unforeseen works	..	..	..	..	..
Total	1,19,197	14,056	1,33,253	2,40,690	..
(3) <i>Distributaries—</i>					
A. Preliminary expenses	971	..	971	1,200	..
B. Land	31,742	7	31,749	74,500	..
C. Works	13,267	4,481	17,748	72,400	..
L. Earthwork	..	..	..	..	..
O. Miscellaneous	..	..	..	..	..
P. Maintenance	..	..	..	2,900	..
Unforeseen works	..	..	..	..	..
Total	48,980	4,488	53,468	1,51,000	..
(5) <i>Special Tools and Plant—</i>					
Provision for unforeseen works	— 54,911	12,389	— 42,522	..	..
Total Works	9,39,560	2,10,314	11,49,864	22,71,000	..
II. ESTABLISHMENT	2,15,513	87,860	3,03,373	3,89,772	..
III. TOOLS AND PLANT	2,99,943	972	3,00,915	3,01,309	..
(a) Grand Total	14,55,006	2,99,146	17,54,152	29,62,081	..
V. <i>Less—Receipts on capital account</i>	3,941	1,633	5,574	2,081	..
(a) Net Total	14,51,065	2,97,513	17,48,578	29,60,000	..

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

No. 4.—Interest Accounts for and to end of 1920-1921.

	Amount.		Amount.
	Rs.		Rs.
Total interest charges to end of 1919-1920 ..	1,72,140	Net revenue realized to end of 1919-1920 ..	..
Total interest charges for the year 1920-1921.	67,670	Net revenue realized during 1920-1921 ..	..
		Balance net interest charges	2,39,810
Total	2,39,810	Total	2,39,810

ADMINISTRATIVE ACCOUNTS FOR THE YEAR 1920-21.

MADRAS PRESIDENCY.

TOLUDUR PROJECT—Tank Project.

No. 5.—Account of Indirect Charges for and to end of 1920-1921.

Particulars.	Previous.	1920-1921.	Total.
	Rs.	Rs.	Rs.
CAPITAL—			
Capitalization of abatement of land revenue	1,78,809	..	1,78,809
Leave and pension allowances	30,171	12,300	42,471
Total	2,08,980	12,300	2,21,280
REVENUE—			
Capitalization of abatement of land revenue	..	..	..
Leave and pension allowances	..	..	..
Total	..	..	..
Grand Total	2,08,980	12,300	2,21,280

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.
<i>Direct Charges.</i>					Rs.	Rs.	Rs.		Rs.
Works	..	..	..	11,49,864	22,71,000	11,21,136	11,49,864	111 L. dated 20th March 1918.	22,71,000
Establishment	..	..	..	3,03,373	3,89,772	86,399	3,03,373		
Tools and plant	..	..	..	3,00,915	3,01,309	394	3,00,915		
Suspense account	..	..	..	..	..	..	..		
Total	..	..	..	17,54,152	29,62,081	12,07,929	17,54,152		
<i>Less—Receipts on Capital Account.</i>	..	..	..	5,574	2,081	— 3,493	5,574		
Net Total	..	..	..	17,48,578	29,60,000	12,11,422	17,48,578		
<i>Indirect Charges.</i>									
Capitalized abatement of land revenue	..	..	..	1,78,809	1,95,432	16,623	1,78,809		
Leave and pension allowances	..	..	..	42,471	54,568	12,097	42,471		
Total	..	..	..	2,21,280	2,50,000	28,720	2,21,280		
Grand Total	..	..	..	19,69,858	32,10,000	12,40,142	19,69,858		

IRRIGATION BRANCH.

PUBLIC WORKS DEPARTMENT.

CAUVERY DELTA SYSTEM—Canal Project.

No. 2.—Capital Account for and to end of 1920-1921.

Heads of account.	DIRECT CHARGES.			Cost of construction as now estimated (construction estimate closed on 31st March 1889).	Expenditure against closed estimate.
	Previous.	1920-1921.	Total.		
I. WORKS—	Rs.	Rs.	Rs.	Rs.	Rs.
(1) <i>Head Works—</i>					
C. Works ...	9,82,948		9,82,948	9,82,548	9,82,548
K. Buildings ...	12,408		12,408	12,408	12,408
O. Miscellaneous ...	258		258		
Total ...	9,95,614		9,95,614	9,94,956	9,94,956
(2) <i>Main Canals and Branches—</i>					
B. Land ...	73,256		73,256	73,756	73,256
D. Regulators ...	6,84,469	14,128	6,98,597	7,45,889	6,74,279
F. (1) Other cross drainage works.	31,305		31,305	34,855	31,305
K. Buildings ...	21,143	494	21,637	20,154	20,154
L. Earthwork ...	61,834		61,834	60,632	56,832
O. Miscellaneous ...	693		693	1,253	693
Total ...	8,72,700	14,622	8,87,322	9,36,519	8,56,519
(3) <i>Distributaries—</i>					
B. Land ...	33,183	457	33,640	14,937	14,937
C. Works ...	1,42,070	3,872	1,45,942	1,69,410	1,59,580
L. Earthwork ...	36,952		36,952	29,254	29,254
O. Miscellaneous ...	1,674	1,652	3,326	3,245	3,245
Total ...	2,10,531	5,981	2,16,512	2,16,846	2,07,016
(4) <i>Drainage and Protective Works—</i>					
B. Land ...	15,319	15,086	30,405	40,773	13,941
C. Works ...	2,84,641	9,945	2,94,586	3,13,969	2,71,149
L. Earthwork ...	2,44,817	26,093	2,70,910	3,48,588	2,37,887
O. Miscellaneous ...	33,168	515	33,683	72,203	33,426
Total ...	5,77,945	51,639	6,29,584	7,75,533	5,56,403
(5) <i>Special tools and plant</i>					
Provision for unforeseen works					
Total outlay on current sanctions	26,56,790	72,242	27,29,032	29,23,354	26,14,894
Old outlay	7,76,216		7,76,216	7,76,216	7,76,216
Total, Works	34,33,006	72,242	35,05,248	37,00,070	33,91,110
II. ESTABLISHMENT	7,23,310	30,179	7,53,489	7,84,501	7,22,958
III. TOOLS AND PLANT	46,283	334	46,617	97,609	96,123
Grand Total	42,52,599	1,02,755	43,55,354	45,82,180	42,10,191
V. Less—RECEIPTS ON CAPITAL ACCOUNT.	1,985		1,985	1,985	1,985
(a) Net Total	42,50,614	1,02,755	43,53,369	45,80,195	42,08,206

(a) Chargeable to "49. Irrigation."

ADMINISTRATIVE ACCOUNTS FOR THE YEAR 1920-21.

MADRAS PRESIDENCY.

CAUVERY DELTA SYSTEM—Canal Project.

No. 3.—Revenue Account for and to end of 1920-1921.

Receipts.	TOTAL.		Charges.	TOTAL.	
	Previous.	1920-1921.		Previous.	1920-1921.
I. DIRECT RECEIPTS—	RS.	RS.		RS.	RS.
3. Miscellaneous receipts by sales of water	2,028	357		74,740	222
5. Receipts from plantations	1,17,231	6,889		2,53,824	3,348
6. Receipts from other canal produce	85,616	2,606		6,22,762	11,476
9. Rents of buildings.	8,886	598		1,35,391	2,418
10. Fines	291			2,775	797
11. Miscellaneous	31,969	5,692		35,651	35,651
Total, Revenue realized in Public Works Department	2,46,021	16,142		11,85,143	18,761
Irrigation Revenue realized in Civil Department	3,99,92,105	2,80,827			
Total, Direct Receipts	4,02,38,126	9,96,969			
II. INDIRECT RECEIPTS—					
Share of land revenue collected in the Civil Department	77,51,505	1,18,072			
Total, Indirect Receipts					
Total, Public Works and Civil Departments, Revenue	4,79,89,631	11,15,041			
I. EXTENSIONS AND IMPROVEMENTS—					
(1) Head works					
(2) Main canals and branches					
(3) Distributaries					
(4) Drainage and protective works.					
(5) Special tools and plant					
Add—Unclassifiable outlay					
Total					
II. MAINTENANCE AND REPAIRS—					
(1) Head works					
(2) Main canals and branches					
(3) Distributaries					
(4) Drainage and protective works.					
(5) Special tools and plant					
Add—Unclassifiable outlay					
Total					
Total, Extensions and Improvements and Maintenance and Repairs					
IV. ESTABLISHMENT					
V. TOOLS AND PLANT					
VI. REFUNDS OF REVENUE					
Total, Direct charges					
Share of collection charges in the Civil Department					
Indirect charges					
Total, Direct and Indirect charges					
Deduct—Old maintenance charges saved to Government*					
Net Total					
Balance, net revenue					
Grand Total					

* Direct—
Maintenance and Repairs 1,05,634
Establishment 44,129
Tools and Plant 488

Indirect 6,178

Total, Direct and Indirect .. 1,56,429

No. 4.—Interest Account for and to end of 1920-1921.

	Amount.		Amount.
Total interest charges to end of 1919-1920	RS. 46,31,414	Net revenue realized to end of 1919-1920	RS. 4,24,86,643
Total interest charges for the year 1920-1921	1,46,153	Net revenue realized during 1920-1921	7,35,829
Balance net revenue	3,86,04,905		
Total	4,32,82,472	Total	4,32,82,472

IRRIGATION BRANCH.

PUBLIC WORKS DEPARTMENT.

CAUVERY DELTA SYSTEM—Canal Project.

No. 5.—Account of Indirect Charges for and to end of 1920-1921.

Particulars.	Previous.	1920-1921.	Total.
Capital—	RS.	RS.	RS.
Capitalization of abatement of land revenue	79,097		79,097
Leave and pension allowances	1,15,376	4,225	1,19,601
Total ..	1,94,473	4,225	1,98,698
Revenue—			
Capitalization of abatement of land revenue	14,829		14,829
Leave and pension allowances	6,64,137	16,770	6,80,907
Total ..	6,78,965	16,770	6,95,735
Grand Total ..	8,73,438	20,995	8,94,434

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

Particulars	CHARGES AGAINST CLOSED SANCTIONS.			CURRENT SANCTIONS.			Total charges to date against old and current sanctions.	REMARKS.	
	Expenditure against construction estimate.	Expenditure against open canal sanctions.	Total.	Charges to date.	Amount of sanctioned estimate.	Unspent balance of estimate.		G.O. No. and date.	Amount of estimate.
<i>Direct charges.</i>	RS.	RS.	RS.	RS.	RS.	RS.	RS.		RS.
Works ..	13,07,547	20,83,563	33,91,110	1,14,135	3,08,960	1,94,825	35,65,248	509 I., 19th Nov. 1915.	16,000
Establishment ..	3,07,377	4,15,581	7,22,958	30,531	61,543	31,012	7,53,489	524 I., 21st Dec. 1917.	13,800
Tools and plant ..	40,669	55,464	96,123	494	1,486	992	86,617	Mis. 188 I., 31st May 1918.	1,470
Suspense account ..								36 I., 4th Feb. 1919.	3,270
Total ..	16,55,583	25,54,608	42,10,191	1,45,163	3,71,989	2,26,826	43,55,354	290 I., 12th July 1917.	1,80,000
								Mis. 102 I., 9th April 1919.	7,360
								Mis. 288 I., 1st October 1919.	6,550
								Mis. 6 I., 6th Jan. 1920.	2,700
								Mis. 64 I., 11th February 1920.	8,700
								Mis. 400 I., 16th Dec. 1920.	55,300
								Mis. 344 I., 4th Nov. 1920.	13,800
<i>Less—Receipts on Capital account.</i>	1,985		1,985				1,985		
Net Total ..	16,53,598	25,54,608	42,08,205	1,45,163	3,71,989	2,26,826	43,53,369		
<i>Indirect charges.</i>									
Capitalized abatement of land revenue ..	66,184	12,913	79,097				79,097		
Leave and pension allowances ..	57,144	58,183	1,15,327	4,274		— 4,274	1,19,601		
Total ..	1,23,328	71,096	1,94,424	4,274		— 4,274	1,98,698		
Grand Total ..	17,76,926	26,25,704	44,02,630	1,49,437	3,71,989	2,22,552	45,52,067	Total ..	3,08,960

ADMINISTRATIVE ACCOUNTS FOR THE YEAR 1920-21.

MADRAS PRESIDENCY.

PERIYAR SYSTEM—Tank Project.

No. 2.—Capital Account for and to end of 1920-1921.

Heads of account.	DIRECT CHARGES.			Amount of construction as now estimated (construction estimate closed on 31st March 1897).	Expenditure against closed estimate.
	Previous.	1920-1921.	Total.		
I. WORKS—	RS.	RS.	RS.	RS.	RS.
(1) <i>Head Works—</i>					
A. Preliminary expenses	87,181		87,181	87,181	87,181
B. Land	69,057		69,057	69,057	69,057
C. Works	43,18,518		43,18,518	43,18,518	43,18,518
K. Buildings	3,19,304		3,19,304	3,19,304	3,19,304
L. Earthwork	1,82,663		1,82,663	1,82,663	1,82,663
O. Miscellaneous	1,83,487		1,83,487	1,83,487	1,83,487
P. Maintenance	74,692		74,692	74,692	74,692
Total ..	52,34,902		52,34,902	52,34,903	52,34,903
(2) <i>Main Canals and Branches—</i>					
A. Preliminary expenses	24,650		24,650	24,650	24,650
B. Land	78,581		78,581	78,581	78,581
C. Masonry works	1,75,769		1,75,769	1,75,769	1,75,769
D. Regulators	86,703		86,703	86,703	86,703
E. Falls and weirs	20,759		20,759	20,759	20,759
F. (1) Other cross drainage works	3,91,289		3,91,289	3,91,289	3,91,289
G. Bridges	72,797		72,797	72,797	72,797
H. Escapes	2,416		2,416	2,416	2,416
K. Buildings	33,042		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) <i>Distributaries—</i>					
A. Preliminary expenses	10,734		10,734	10,734	10,734
B. Land	91,043		91,043	91,043	91,043
C. Works	3,58,898	1,418	3,58,116	3,58,066	3,58,066
D. Regulators	22,401		22,401	22,401	22,401
E. Falls and weirs	86,260	—250	86,010	86,260	86,260
F. (1) Other cross drainage works	31,701		31,701	31,701	31,701
G. Bridges	20,208		20,208	20,208	20,208
K. Buildings	6,624		6,624	7,053	7,053
L. Earthwork	4,01,578		4,01,578	4,03,510	4,03,510
O. Miscellaneous	26,935	—18	26,935	26,531	26,531
P. Maintenance	22,858		22,858	22,858	22,858
Total ..	10,77,058	1,305	10,78,363	10,83,647	10,71,467
(4) <i>Drainage and Protective works—</i>					
B. Land	16,179		16,179	43,739	16,179
C. Works	1,033		1,033	23,163	1,033
L. Earthwork	13,272		13,272	22,592	13,272
O. Miscellaneous	3,882		3,882	3,882	3,882
Total ..	34,366		34,366	93,376	34,366
(5) <i>Special tools and plant</i>					
Provision for unforeseen works					
Total, Works ..	79,10,676	1,305	79,11,981	79,79,616	79,08,366
II. ESTABLISHMENT ..	16,49,548	649	16,50,197	16,64,604	16,48,594
III. TOOLS AND PLANT ..	7,66,846	5	7,66,851	7,67,866	7,66,827
Grand Total ..	1,03,27,070	1,959	1,03,29,029	1,04,12,086	1,03,23,787
V. <i>Less—RECEIPTS ON CAPITAL ACCOUNT</i>	17,936		17,936	17,936	17,936
(a) Net Total ..	1,03,09,134	1,959	1,03,11,093	1,03,94,150	1,03,05,851

(a) Chargeable to "49. Irrigation."

PERIYAR SYSTEM—*Tank Project.*

No. 3.—Revenue Account for and to end of 1920-1921.

Receipts.	TOTAL.			Charges.	TOTAL.		
	Previous.	1920-1921.	Total.		Previous.	1920-1921.	Total.
A. DIRECT RECEIPTS—	RS.	RS.	RS.		RS.	RS.	RS.
1. Water-supply of towns	645	..	645	I. EXTENSIONS AND IMPROVEMENTS—			
2. Receipts from plantations	14,307	3,074	17,681	(1) Head works	47,266	581	47,867
3. Receipts from other canal produce	97,998	13,494	1,11,492	(2) Main canals and branches	26,110	633	26,743
4. Receipts from navigation	8,263	431	8,694	(3) Distributaries	2,11,301	2,592	2,13,893
5. Rents of buildings	8,911	268	9,179	(4) Drainage and protective works	16,984	..	16,984
6. Fines	80	..	80	(5) Special tools and plant	1	..	1
7. Miscellaneous	32,529	113	32,642	Total	3,01,682	3,806	3,05,488
Total, Revenue realized in the Public Works Department	1,63,032	17,380	1,80,412	II. MAINTENANCE AND REPAIRS—			
Irrigation revenue realized in Civil Department. ..	1,10,87,355	7,33,804	1,18,21,159	(1) Head works	2,13,971	7,441	2,21,412
Total, Direct Receipts ..	1,12,50,388	7,51,184	1,20,01,572	(2) Main canals and branches	3,19,766	34,632	3,53,798
II. INDIRECT RECEIPTS—				(3) Distributaries	4,86,221	24,780	5,11,001
Share of land revenue collected in the Civil Department	8,47,503	51,741	8,99,244	(4) Drainage and protective works	10,156	..	10,156
Total, Public Works and Civil Departments, Revenue	1,20,97,891	8,02,925	1,29,00,816	(5) Special tools and plant	4,219	3,310	7,589
				Total	10,31,263	69,593	11,02,956
				III. COMPENSATION	10,47,153	42,965	10,90,118
				Total, Extensions and Improvements and Maintenance and Repairs	23,88,186	1,16,364	24,99,562
				IV. ESTABLISHMENT	9,16,111	57,840	9,72,951
				V. TOOLS AND PLANT	79,826	418	80,244
				VI. REFUNDS OF REVENUE	2,582	37	2,619
				Total, Direct Charges	33,80,717	1,74,659	35,55,376
				Share of collection charges in the Civil Department	5,67,141	37,282	6,04,423
				Indirect charges	1,52,885	8,098	1,60,983
				Total, Direct and Indirect Charges	41,00,743	2,20,039	43,20,782
				Deduct—*Old maintenance charges saved to Government	6,73,726	40,603	7,14,389
				Net Total	34,27,017	1,79,376	36,06,393
				Balance, net revenue	86,70,874	6,23,549	92,94,423
Total, Receipts ..	1,20,97,891	8,02,925	1,29,00,816	Grand Total ..	1,20,97,891	8,02,925	1,29,00,816

• Direct—

Extensions and improvements	rs.
Maintenance and repairs	4,174
Establishment	21,122
Tools and plant	12,872
	93
Indirect	Total .. 38,861
	1,802
Total, Direct and Indirect	40,663

ADMINISTRATIVE ACCOUNTS FOR THE YEAR 1920-21.

MADRAS PRESIDENCY.

PERIYAR SYSTEM—*Tank Project.*

No. 4.—Interest Account for and to end of 1920-1921.

	Amount.		Amount
	Rs.		Rs.
Total interest charges to end of 1919-1920	95,36,090	Net revenue realized to end of 1919-1920	86,70,874
Total interest charges for the year 1920-1921	3,43,131	Net revenue realized during 1920-1921	6,23,549
		Balance, net interest charges	5,84,798
Total	98,79,221	Total	98,79,221

No. 5.—Account of Indirect Charges for and to end of 1920-1921.

Particulars.	Previous.	1920-1921.	Total.
CAPITAL—	RS.	RS.	RS.
Capitalization of abatement of land revenue	1,36,438		1,36,438
Leave and pension allowances	2,30,867	91	2,30,948
Total ..	3,67,295	91	3,67,386
REVENUE—			
Capitalization of abatement of land revenue	25,601		25,601
Leave and pension allowances	1,27,284	8,098	1,35,382
Total ..	1,52,885	8,098	1,60,983
Grand Total ..	5,20,180	8,189	5,28,369

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 esti- mate.	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.	RS.	RS.	RS.		RS.
Works ..	60,69,752	18,38,614	79,08,366	3,615	71,250	67,635	79,11,981		
Establishment ..	13,46,177	5,02,417	18,48,594	1,603	16,010	14,407	16,50,197		
Tools and plant ..	7,28,291	38,536	7,66,827	24	1,039	1,015	7,66,851		
Suspense account ..	..	..	..	..	..	..	..		
Total ..	81,44,220	21,79,567	1,03,23,787	5,242	88,299	83,057	1,03,29,029		
Less—Receipts on Capital Account.	14,203	3,733	17,936	..	..	..	17,936		
Net Total ..	81,30,017	21,75,834	1,03,05,851	5,242	88,299	83,057	1,03,11,093		
<i>Indirect charges.</i>									
Capitalized abatement of land revenue.	34,661	1,01,777	1,36,438	..	..	..	1,36,438		
Leave and pension allowances.	1,88,466	42,257	2,30,723	225	..	— 225	2,30,948	121 I., 6th Mar. 1915.	2,030
Total ..	2,23,127	1,44,034	3,57,161	245	..	— 225	3,67,386	Mis. 225 I., 25th June 1918.	1,850
Grand Total ..	83,53,144	23,19,868	1,06,73,012	5,467	88,299	82,832	1,06,78,479	Mis. 175 I., 5th June 1919.	3,600
								Mis. 49 I., 28th Jan. 1920.	59,010
								Mis. 176 I., 1st June 1920.	2,075
								Mis. 287 I., 23rd Sep. 1920.	1,035
								Mis. 298 I., 7th Oct. 1920.	1,650
								Total ..	71,250

IRRIGATION BRANCH.

PUBLIC WORKS DEPARTMENT.

SRIVAİKUNTAM ANICUT SYSTEM—Canal Project.

No. 2.—Capital Account for and to end of 1920-1921.

Heads of account.	DIRECT CHARGES.			Cost of construction as now estimated (construction estimate closed on 31st March 1889).	Expenditure against closed estimate.
	Previous.	1920-1921.	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	46,112	...	46,112	46,112	44,121
D. Regulators	49,241	...	49,241	54,028	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	2,44,337	697	2,45,034	2,53,231	2,04,694
N. Tanks and reservoirs	3,55,198	...	3,55,198	3,63,378	3,55,198
O. Miscellaneous	1,129	...	1,129	1,283	1,129
Total	7,71,159	697	7,71,856	7,95,179	7,28,999
(3) <i>Distributaries—</i>					
B. Land	13,870	...	13,870	13,870	13,870
C. Works	67,773	...	67,773	62,837	62,837
L. Earthwork	1,23,421	...	1,23,421	1,14,437	1,14,437
N. Tanks and reservoirs	49,053	...	49,053	49,053	49,053
O. Miscellaneous	40	...	40	...	...
Total	2,54,157	...	2,54,157	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
(5) <i>Special tools and plant</i>	...	...	...	...	...
Provision for unforeseen works	...	...	...	...	...
Total, Works	13,15,219	697	13,15,916	13,25,279	12,59,099
II. ESTABLISHMENT	3,28,830	346	3,29,176	3,27,197	3,12,684
III. TOOLS AND PLANT	10,674	2	10,676	10,852	10,524
Grand Total	16,54,723	1,045	16,55,768	16,63,428	15,82,307
V. <i>Less—RECEIPTS ON CAPITAL ACCOUNT</i>	369	...	369	369	369
(a) Net Total	16,54,354	1,045	16,55,399	16,63,059	15,81,938

(a) Chargeable to "49. Irrigation."

ADMINISTRATIVE ACCOUNTS FOR THE YEAR 1920-21.

MADRAS PRESIDENCY.

SRIVAİKUNTAM ANICUT SYSTEM—Canal Project.

No. 3.—Revenue Account for and to end of 1920-1921.

Receipts.	TOTAL.			Charges.	TOTAL.		
	Previous.	1920-1921.	Total.		Previous.	1920-1921.	Total.
I. DIRECT RECEIPTS—	RS.	RS.	RS.	I. EXTENSIONS AND IMPROVEMENTS—	RS.	RS.	RS.
4. Water-supply of towns	31,655	870	32,525	(1) Head works	6,726	...	6,726
5. Receipts from plantations	6,800	1,270	8,070	(2) Main canals and branches	66,874	271	65,945
6. Receipts from other canal produce	48,289	1,013	49,302	(3) Distributaries	30,324	...	30,324
9. Rents of buildings	11,614	372	12,016	(4) Drainage and protective works	6,178	3,001	9,179
10. Fines	50	...	50	(5) Special tools and plant	...	...	...
11. Miscellaneous	8,834	43	8,877	Total	1,09,902	3,272	1,13,174
Total, Revenue realized in Public Works Department	1,07,272	3,568	1,10,840	II. MAINTENANCE AND REPAIRS—	RS.	RS.	RS.
Irrigation Revenue realized in Civil Department	49,73,710	1,49,781	51,23,491	(1) Head works	65,097	4,743	69,840
Total, Direct Receipts	50,80,982	1,53,349	52,34,331	(2) Main canals and branches	6,89,162	4,268	5,93,730
II. INDIRECT RECEIPTS—				(3) Distributaries	2,04,610	234	2,04,844
Share of land revenue collected in the Civil Department	79,279	1,490	80,769	(4) Drainage and protective works	28,052	6,325	34,377
Total, Indirect Receipts	79,279	1,490	80,769	(5) Special tools and plant	12	...	12
Total, Public Works and Civil Departments, Revenue	51,60,261	1,54,839	53,15,100	Add—Unclassifiable outlay	...	...	...
Total, Receipts	51,60,261	1,54,839	53,15,100	Total	8,87,233	15,570	9,02,803
				Total, Extensions and Improvements and Maintenance and Repairs	9,97,135	18,842	10,15,977
				IV. ESTABLISHMENT	5,14,337	9,366	5,23,703
				V. TOOLS AND PLANT	7,658	68	7,726
				VI. REFUNDS OF REVENUE	660	...	660
				Total, Direct Charges	15,19,790	28,276	15,48,066
				Share of collection charges in the Civil Department	2,69,213	7,564	2,76,777
				Indirect charges	78,499	1,311	79,810
				Total, Direct and Indirect Charges	18,67,502	37,151	19,04,653
				Deduct—Old maintenance charges saved to Government	3,61,725	8,731	3,70,456
				Net Total	15,05,777	28,420	15,34,297
				Balance, net revenue	36,54,384	1,26,419	37,80,803
				Grand Total	51,60,261	1,54,839	53,15,100

Direct—	RS.
Extensions and Improvements	352
Maintenance and Repairs	5,208
Establishment	2,784
Tools and plant	20
Indirect	8,344
	387
Total	8,731

No. 4.—Interest Account for and to end of 1920-1921.

	Amount.		Amount.
	RS.		RS.
Total interest charges to end of 1919-1920	25,57,949	Net revenue realized to end of 1919-1920	36,54,384
Total interest charges for the year 1920-1921	56,003	Net revenue realized during 1920-1921	1,26,419
Balance, net revenue	11,66,851		
Total	37,80,803	Total	37,80,803

IRRIGATION BRANCH.

PUBLIC WORKS DEPARTMENT.

SRIVAİKUNTAM ANICUT SYSTEM—Canal Project.
No. 5.—Account of Indirect Charges for and to end of 1920-1921.

Particulars.	Previous.	1920-1921.	Total.
	RS.	RS.	RS.
Capital—			
Capitalization of abatement of land revenue	41,229	..	41,229
Leave and pension allowances	65,666	48	65,714
Total ..	1,06,895	48	1,06,943
Revenue—			
Capitalization of abatement of land revenue	410	..	410
Leave and pension allowances	78,189	1,211	79,600
Total ..	78,599	1,211	79,810
Grand Total ..	1,85,494	1,359	1,86,853

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

Particulars.	CHARGES AGAINST CLOSED SANCTIONS.			CURRENT SANCTIONS.			Total charges to date against old and current sanctions.	REMARKS.	
	Expenditure against construction estimate.	Expenditure against open canal sanction.	Total.	Charges to date.	Amount of sanctioned estimate.	Unspent balance of estimate.		G.O. No. and date.	Amount of estimate.
<i>Direct charges.</i>	RS.	RS.	RS.	RS.	RS.	RS.	RS.		RS.
Works ..	10,50,679	2,08,420	12,59,099	66,817	66,180	— 637	13,15,916	Direct charges—	
Establishment ..	2,90,193	22,491	3,12,684	16,492	14,613	— 1,979	3,28,176		
Tools and plant ..	10,524	..	10,524	152	428	276	10,676		
Suspense account ..	..	..	..	..	..	..	..		
Total ..	13,51,396	2,30,911	15,82,307	83,461	81,121	— 2,340	16,55,768	125 L. 29th April 1919.	58,000
Less—Receipts on Capital account ..	369	..	369	..	..	..	369	Mis. 317 L. 19th Oct. 1920.	8,180
Net Total ..	13,51,027	2,30,911	15,81,938	83,461	81,121	— 2,340	16,55,399	Total ..	66,180
<i>Indirect charges.</i>									
Capitalized abatement of land revenue ..	40,408	821	41,229	..	..	..	41,229		
Leave and pension allowances ..	60,259	3,143	63,407	2,308	..	— 2,308	65,715		
Total ..	1,00,667	3,969	1,04,636	2,308	..	— 2,308	1,06,944		
Grand Total ..	14,51,694	2,34,880	16,86,574	85,769	81,121	— 4,648	17,62,343		

ADMINISTRATIVE ACCOUNTS FOR THE YEAR 1920-21.

MADRAS PRESIDENCY.

RUSHIKULYA SYSTEM—Tank Project.

No. 2.—Capital Account for and to end of 1920-1921.

Heads of account.	DIRECT CHARGES.			Cost of construction as now estimated (construction estimate closed on 31st March 1901).	Expenditure against closed estimate.
	Previous.	1920-1921.	Total.		
	RS.	RS.	RS.	RS.	RS.
I. WORKS—					
(1) Head Works—					
A. Preliminary expenses	15,476	..	15,476	15,476	15,476
B. Land	1,70,021	20	1,70,041	1,70,041	1,70,041
C. Works	13,62,705	..	13,62,705	13,62,705	13,62,705
K. Buildings	19,275	..	19,275	19,275	19,275
L. Earthwork	24,017	..	24,017	24,017	24,017
O. Miscellaneous	458	..	458	458	458
P. Maintenance	6,180	..	6,180	6,180	6,180
Total ..	15,98,132	20	15,98,152	15,97,739	15,90,559
(2) Main Canals and Branches—					
A. Preliminary expenses	5,902	..	5,902	5,902	5,902
B. Land	86,387	..	86,387	86,387	86,387
C. Works	7,090	..	7,090	7,090	7,090
D. Regulators	24,945	..	24,945	24,945	24,945
E. Falls and weirs	10,200	..	10,200	10,200	10,200
F. (1) Other cross drainage works	4,56,370	..	4,56,370	4,56,370	4,56,370
G. Bridges	1,09,740	..	1,09,740	1,09,740	1,09,740
H. Navigation works	1	..	1	1	1
K. Buildings	2,715	..	2,715	2,715	2,715
L. Earthwork	9,48,311	..	9,48,311	9,48,311	9,48,311
M. Plantations	3,733	..	3,733	3,733	3,733
N. Tanks and reservoirs	978	..	978	978	978
O. Miscellaneous	10,325	..	10,325	10,325	10,325
P. Maintenance	1,694	..	1,694	1,694	1,694
Total ..	16,68,391	..	16,68,391	16,74,859	16,68,979
(3) Distributaries—					
A. Preliminary expenses	5,577	..	5,577	5,577	5,577
B. Land	85,688	..	85,688	85,688	85,688
C. Works	1,65,479	1,331	1,66,810	1,66,810	1,66,810
L. Earthwork	2,99,616	867	3,00,483	3,00,483	3,00,483
O. Miscellaneous	3,619	..	3,619	3,619	3,619
Total ..	5,59,979	2,198	5,62,177	5,79,014	5,54,804
(4) Drainage and Protective Works—					
L. Earthwork	4,144	..	4,144	4,144	4,144
Total ..	4,144	..	4,144	4,144	4,144
(5) Special tools and plant	..	..	..	..	..
Total, Works ..	38,30,646	2,218	38,32,864	38,55,756	38,18,686
II. ESTABLISHMENT	8,11,106	1,071	8,12,177	8,14,484	8,07,178
III. TOOLS AND PLANT	1,27,764	56	1,27,820	1,27,785	1,27,415
Grand Total ..	47,69,516	3,345	47,72,861	47,98,025	47,53,179
V. Less—RECEIPTS ON CAPITAL ACCOUNT ..	65,853	..	65,853	65,853	65,853
(a) Net Total ..	47,03,663	3,345	47,07,008	47,32,172	46,87,326

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

IRRIGATION BRANCH.

PUBLIC WORKS DEPARTMENT.

RUSHIKULYA SYSTEM—Tank Project.

No. 3.—Revenue Account for and to end of 1920-1921.

Receipts.	TOTAL.			Charges.	TOTAL.		
	Previous.	1920-1921.	Total.		Previous.	1920-1921.	Total.
I. DIRECT RECEIPTS—	RS.	RS.	RS.	I. EXTENSIONS AND IMPROVEMENTS—	RS.	RS.	RS.
1. Water-rates ..	25	..	25	(1) Head works ..	25,188	56	25,194
2. Sale of water ..	1,700	100	1,800	(2) Main canals and branches ..	21,197	840	25,037
3. Water-supply of town ..	13,075	..	13,075	(3) Distributaries ..	54,886	2,820	57,506
4. Receipts from plantations ..	5,093	224	5,317	(4) Drainage and protective works ..	892	..	892
5. Receipts from other produce ..	15,919	888	16,807	(5) Special tools and plant ..	..	..	..
6. Navigation receipts ..	24	..	24	Total ..	1,04,913	3,716	1,08,629
7. Rents of buildings ..	2,933	73	3,006	II. MAINTENANCE AND REPAIRS—	..	..	..
8. Fines ..	17	..	17	(1) Head works ..	3,02,620	12,801	3,15,421
9. Miscellaneous ..	12,683	7	12,690	(2) Main canals and branches ..	4,64,284	21,230	4,85,514
Total Revenue realized in Public Works Department ..	51,469	1,292	52,761	(3) Distributaries ..	1,99,070	7,202	2,06,272
Irrigation revenue realized in Civil Department ..	31,31,086	1,83,942	33,15,028	(4) Drainage and protective works ..	2,045	..	2,045
Total, Direct Receipts ..	31,82,555	1,85,234	33,67,789	(5) Special tools and plant ..	571	748	1,319
II. INDIRECT RECEIPTS—	..	..	..	Total ..	9,58,590	41,981	10,10,571
Share of land revenue collected in the Civil Department ..	79,115	4,536	83,651	Total, Extensions and Improvements and Maintenance and Repairs ..	10,73,503	45,697	11,19,200
Total, Public Works and Civil Departments, Revenue ..	32,61,670	1,89,770	34,51,440	IV. ESTABLISHMENT ..	2,53,521	22,059	2,75,580
Total, Receipts ..	32,61,670	1,89,770	34,51,440	V. TOOLS AND PLANT ..	25,634	1,156	26,790
				VI. REFUNDS OF REVENUE ..	82	6	88
				Total, Direct Charges ..	13,52,740	68,928	14,21,668
				Share of collection charges in the Civil Department ..	1,59,653	9,365	1,69,018
				Indirect charges ..	33,731	3,090	36,821
				Total, Direct and Indirect charges ..	15,49,124	81,383	16,30,507
				* Deduct—Old maintenance charge saved to Government ..	30,871	8,797	39,668
				Net total ..	15,18,253	72,586	15,90,839
				Balance, net revenue ..	17,43,417	1,17,184	18,60,601
				Grand Total ..	32,61,670	1,89,770	34,51,440

* Direct—	RS.
Extensions and Improvements ..	1,475
Maintenance and Repairs ..	4,103
Establishment ..	2,696
Tools and plant ..	141
Total ..	8,420
Indirect ..	377
Total ..	8,797

No. 4.—Interest Account for and to end of 1920-1921.

	Amount.		Amount.
Total interest charges to end of 1919-1920 ..	RS. 48,01,791	Net revenue realized to end of 1919-1920 ..	RS. 17,43,417
Total interest charges for the year 1920-1921 ..	1,67,048	Net revenue realized during 1920-21 ..	1,17,184
Total ..	49,68,839	Balance, net interest charges ..	30,98,238
		Total ..	49,68,839

ADMINISTRATIVE ACCOUNTS FOR THE YEAR 1920-21.

MADRAS PRESIDENCY.

RUSHIKULYA SYSTEM—Tank Project.

No. 5.—Account of Indirect Charges for and to end of 1920-1921.

Particulars.	Previous.	1920-1921.	Total.
Capital—	RS.	RS.	RS.
Capitalization of abatement of land revenue ..	3,00,163	..	3,00,163
Leave and pension allowances ..	1,13,554	150	1,13,704
Total ..	4,13,717	150	4,13,867
Revenue—	RS.	RS.	RS.
Capitalization of abatement of land revenue ..	1,240	..	1,240
Leave and pension allowances ..	35,491	3,090	38,581
Total ..	36,731	3,090	39,821
Grand total ..	4,50,448	3,240	4,53,688

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

Particulars.	CHARGES AGAINST CLOSED SANCTIONS.			CURRENT SANCTIONS.				REMARKS.	
	Expenditure against construction estimate.	Expenditure against open canal sanction.	Total.	Charges to date.	Amount of sanctioned estimate.	Unspent balance of estimate.	Total charges to date against old and current sanctions.	G.O. No. and date.	Amount of estimate.
Direct charges.	RS.	RS.	RS.	RS.	RS.	RS.	RS.		RS.
Works ..	35,19,326	2,99,260	38,18,586	14,278	37,170	22,892	58,32,861		
Establishment ..	7,46,990	60,188	8,07,178	4,999	7,308	2,307	8,12,177		
Tools and plant ..	1,26,941	474	1,27,415	405	370	— 35	1,27,820		
Suspense account ..	..	..	..	..	..	..	..		
Total ..	43,93,257	3,59,922	47,53,179	19,682	44,846	25,164	47,72,861		
Less—Receipts on capital account ..	7,851	58,002	65,853	..	..	..	65,853	279 I., 28th June 1916.	7,180
Net total ..	43,85,406	3,01,920	46,87,326	19,682	44,846	25,164	47,07,008	392 I., 21st Sep. 1917.	3,560
Indirect charges.								84 I., 26th Feb. 1915.	1,740
Capitalized abatement of land revenue ..	2,92,911	7,252	3,00,163	..	..	..	3,00,163	Mis. 41 I., 6th Feb. 1919.	1,310
Leave and pension allowances ..	1,04,579	8,426	1,13,005	699	..	— 699	1,13,704	Mis. 86 I., 28th March 1919.	1,040
Total ..	3,97,490	15,678	4,13,168	699	..	— 699	4,13,867	Mis. 166 I., 24th May 1919.	1,125
Grand total ..	47,82,896	3,17,598	51,00,494	20,381	44,846	24,465	51,20,875	Mis. 51 I., 30th Jan. 1920.	2,900
								Mis. 163 I., 24th May 1919.	1,125
								Mis. 146 I., 4th May 1920.	4,570
								Mis. 90 I., 12th March 1921.	3,150
								Mis. 111 I., 31st March 1921.	7,280
								Mis. 56 I., 17th Feb. 1921.	1,420
Total ..	3,97,490	15,678	4,13,168	699	..	— 699	4,13,867	Total ..	37,170
Grand total ..	47,82,896	3,17,598	51,00,494	20,381	44,846	24,465	51,20,875		

IRRIGATION BRANCH.

PUBLIC WORKS DEPARTMENT.

BHAVANASI TANK PROJECT—Tank Project.

No. 2.—Capital Account for and to end of 1920-1921.

Heads of account.	DIRECT CHARGES.			Cost of construction as now estimated.	Expenditure against closed estimate.
	Previous.	1920-1921.	Total.		
I. WORKS—	Rs.	Rs.	Rs.	Rs.	
(1) <i>Head Works—</i>					
A. Preliminary expenses ...	1,188	...	1,188	1,200	...
B. Land ...	8,507	...	8,507	8,613	...
C. Works ...	2,556	...	2,556	15,720	...
E. Falls and Weirs ...	14,059	...	14,059	...	...
L. Earthwork ...	1,16,658	...	1,16,658	85,250	...
O. Miscellaneous ...	124	...	124	270	...
Total ...	1,43,092	...	1,43,092	1,11,053	...
(2) <i>Main Canals and Branches—</i>					
A. Preliminary expenses ...	17	...	17	136	...
B. Land ...	4,159	...	4,159	4,211	...
C. Works ...	14,439	...	14,439	15,970	...
D. Regulators ...	...	...	...	...	...
F. Rivers and Hill Torrents ...	...	...	...	...	...
F. (1) Other cross drainage works ...	...	...	...	...	...
G. Bridges ...	...	...	...	...	...
K. Buildings ...	...	...	...	...	...
L. Earthwork ...	29,493	...	29,493	24,720	...
O. Miscellaneous ...	303	...	303	310	...
P. Maintenance ...	152	...	152	...	...
Total ...	48,563	...	48,563	45,347	...
(3) <i>Distributaries—</i>					
B. Land ...	...	...	...	...	...
C. Works ...	...	...	...	...	...
L. Earthwork ...	...	...	...	...	...
O. Miscellaneous ...	...	...	...	...	...
P. Maintenance ...	...	...	...	...	...
Total ...	...	...	...	...	...
(5) <i>Special tools and plant—</i>	— 9,221	...	— 9,221	...	...
Provision for unforeseen works ...	...	...	...	...	...
Total Works ...	1,82,434	...	1,82,434	1,56,400	...
II. ESTABLISHMENT ...	41,653	...	41,553	30,582	...
III. TOOLS AND PLANT ...	25,660	...	25,660	15,307	...
V. Less receipts on capital account ...	2,49,747	...	2,49,747	2,02,289	...
	166	...	166	...	...
(a) Grand Total ...	2,49,581	...	2,49,581	2,02,289	...

(a) Chargeable to "25. 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 1920-21.

MADRAS PRESIDENCY.

BHAVANASI TANK PROJECT—Tank Project.

No. 3.—Revenue Account for and to end of 1920-1921.

Receipts.	TOTAL.			Charges.	TOTAL.		
	Previous.	1920-1921.	Total.		Previous.	1920-1921.	Total.
I. DIRECT RECEIPTS—				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 ...	..	..	..	(3) Distributaries ...	32	11	43
Total, Revenue realized in Public Works Department ...	..	..	..	(4) Drainage and protective works ...	..	..	..
Irrigation revenue realized in Civil Department ...	..	..	..	(5) Special tools and plant ...	..	..	..
				Total ...	32	11	43
Total, Direct Receipts ...	..	..	..	II. MAINTENANCE AND REPAIRS—			
II. INDIRECT RECEIPTS—				(1) Head works ...	397	593	990
Share of land revenue collected in the Civil Department ...	..	..	..	(2) Main canals and branches ...	257	1,013	1,270
				(3) Distributaries ...	..	61	51
Total, Public Works and Civil Departments, Revenue ...	..	..	..	(4) Drainage and protective works ...	..	..	..
				(5) Special tools and plant ...	..	..	..
				Add—Unclassifiable outlay ...	..	..	..
				Total ...	654	1,657	2,311
				Total, Extensions and Improvements and Maintenance and Repairs ...	686	1,668	2,354
				IV. ESTABLISHMENT ...	412	1,027	1,439
				V. TOOLS AND PLANT ...	3	— 9	— 6
				VI. REFUNDS OF REVENUE ...	..	..	..
				Total, Direct Charges ...	1,101	2,686	3,787
				Share of collection charges in the Civil Department ...	..	..	..
				Indirect charges ...	58	143	201
				Total, Direct and Indirect Charges ...	1,159	2,829	3,988
				Balance, net revenue ...	— 1,159	— 2,829	— 3,988
Total, Receipts ...	..	..	..	Grand Total ...	..	..	..

IRRIGATION BRANCH.

PUBLIC WORKS DEPARTMENT

BHAVANASI TANK PROJECT—*Tank Project.*

No. 4.—Interest Account for and to end of 1920-1921.

	Amount.		Amount.
	rs.		rs.
Total interest charges to end of 1919-1920.	40,101	Net revenue realized to end of 1919-1920.	— 1,159
Total interest charges for the year 1920-1921.	9,627	Net revenue realized during 1920-1921.	— 2,829
		Balance net interest charges	53,716
Total ..	49,728	Total ..	49,728

No. 5.—Account of Indirect Charges for and to end of 1920-1921.

Particulars.	Previous.	1920-1921.	Total.
	rs.	rs.	rs.
CAPITAL—			
Capitalization of abatement of land revenue	5,027	..	5,027
Leave and pension allowances	5,831	..	5,831
Total ..	10,858	..	10,858
REVENUE—			
Capitalization of abatement of land revenue	58	143	201
Leave and pension allowances	..	..	..
Total ..	58	143	201
Grand total ..	10,916	143	11,059

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

Particulars.	CHARGES AGAINST CLOSED SANCTIONS.			CURRENT SANCTIONS.			Total charges to date against old and current sanctions.	REMARKS.	
	Expenditure against construction estimate.	Expenditure against open canal sanction.	Total.	Charges to date.	Amount of sanctioned estimate.	Unspent balance of estimate.		G.O. No. and date.	Amount of estimate.
Direct Charges.				rs.	rs.	rs.	rs.		rs.
Works	..	..	..	1,82,434	1,56,400	— 26,034	1,82,434	367 L., 25th Aug. 1916. Direct Indirect	1,56,400 6,711
Establishment	..	..	..	41,653	30,582	— 11,071	41,653		
Tools and plant	..	..	..	25,660	15,307	— 10,353	25,660		
Suspense account	..	..	..	..	..	..	..		
Total	..	..	..	2,49,747	2,02,289	— 47,458	2,49,747		
Less—Receipts on Capital account.	..	..	..	166	..	— 166	166		
Net Total	..	..	..	2,49,581	2,02,289	— 47,292	2,49,581		
Indirect Charges.									
Capitalized abatement of land revenue	..	..	..	5,027	2,430	— 2,597	5,027		
Leave and pension allowances	..	..	..	5,831	4,281	— 1,550	5,831		
Total	..	..	..	10,858	6,711	— 4,147	10,858		
Grand Total	..	..	..	2,60,439	2,09,000	— 51,439	2,60,439		

ADMINISTRATIVE ACCOUNTS FOR THE YEAR 1920-21.

MADRAS PRESIDENCY.

MOPAD PROJECT—*Canal Project.*

No. 2.—Capital Account for and to end of 1920-1921.

Heads of account.	DIRECT CHARGES.			Cost of construction as now estimated.	Expenditure against closed estimate.
	Previous.	1920-1921.	Total.		
I. WORKS—	Rs	Rs.	Rs.	Rs.	Rs.
(1) <i>Head Works—</i>					
A. Preliminary expenses	13,472	..	13,472	13,548	..
B. Land	82,643	468	83,111	83,123	..
C. Works	43,545	489	44,034	44,035	..
K. Buildings	22,767	— 1,012	21,755	21,661	..
L. Earthwork	10,93,679	98,075	11,89,754	11,87,373	..
N. Tanks and reservoirs	..	..	..	..	..
O. Miscellaneous	14,068	1,260	15,328	14,834	..
P. Maintenance	22,821	689	23,510	24,000	..
Unforeseen works	..	..	..	..	..
Total	12,92,995	97,969	13,90,964	13,86,574	..
(2) <i>Main Canals and Branches—</i>					
A. Preliminary expenses	1,938	..	1,938	1,938	..
B. Land	12,812	..	12,812	12,812	..
D. Regulators	12,704	3,074	15,778	15,777	..
E. Falls and weirs	20,259	899	21,158	21,168	..
F. (1) Other cross drainage works	1,44,627	39	1,44,666	1,44,664	..
G. Bridges	13,451	302	13,753	13,754	..
K. Buildings	3,046	— 58	2,988	3,000	..
L. Earthwork	86,583	5,175	91,758	91,750	..
O. Miscellaneous	4,177	843	5,020	5,232	..
P. Maintenance	3,357	1,375	4,732	4,650	..
Unforeseen works	..	..	..	..	..
Total	3,02,954	11,649	3,14,603	3,14,745	..
(3) <i>Distributaries—</i>					
A. Preliminary expenses	2,389	..	2,389	2,389	..
B. Land	3,630	1,426	5,056	5,056	..
C. Works	2,220	3,898	6,118	6,107	..
G. Bridges	176	111	287	287	..
L. Earthwork	4,584	5,405	9,990	9,989	..
O. Miscellaneous	2,538	163	2,701	2,702	..
Total	15,537	11,004	26,541	26,530	..
(5) <i>Special tools and plant—</i>	5,723	— 58,040	— 52,317	1,21,355	..
Provision for unforeseen works	..	..	..	..	..
Total, Works	16,17,209	62,582	16,79,791	18,51,204	..
II. ESTABLISHMENT	3,11,434	11,768	3,23,202	3,45,827	..
III. TOOLS AND PLANT	2,33,740	498	2,34,238	24,643	..
Grand Total	21,62,383	74,848	22,37,231	22,21,674	..
V. Less—RECEIPTS ON CAPITAL ACCOUNT.	20,684	6,712	27,396	24,674	..
(a) Net Total	21,41,699	68,136	22,09,835	21,97,000	..

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

IRRIGATION BRANCH.

PUBLIC WORKS DEPARTMENT.

MOPAD PROJECT—Canal Project.

No. 4.—Interest Account for and to end of 1920-1921.

	Amount.		Amount.
	RS.		RS.
Total interest charges to end of 1919-1920 ..	4,82,035	Net revenue realized to end of 1919-1920 ..	..
Total interest charges for the year 1920-1921 ..	82,237	Net revenue realized during 1920-1921 ..	..
		Balance net interest charges ..	5,64,272
Total ..	5,64,272	Total ..	5,64,272

No. 5.—Account of Indirect Charges for and to end of 1920-1921.

Particulars.	Previous.	1920-1921.	Total.
	RS.	RS.	RS.
CAPITAL—			
Capitalization of abatement of land revenue	51,639	..	51,639
Leave and pension allowances	43,603	1,647	45,250
Total ..	95,242	1,647	96,889
REVENUE—			
Capitalization of abatement of land revenue	..	..	..
Leave and pension allowances	..	..	..
Total ..	..	..	..
Grand Total ..	95,242	1,647	96,889

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

Particulars.	CHARGES AGAINST CLOSED SANCTIONS.			CURRENT SANCTIONS.			Total charges to date against old and current sanctions.	REMARKS.	
	Expenditure against construction estimate.	Expenditure against open canal sanction.	Total.	Charges to date.	Amount of sanctioned estimate.	Unspent balance of estimate.		G.O. No. and date.	Amount of estimate.
Direct Charges.				RS.	RS.	RS.	RS.	Direct Charges.	RS.
Works ..	..	..	..	16,79,791	18,51,204	1,71,413	16,79,791	149 L, 12th May 1921. Direct charges. Indirect Charges.	18,51,204 1,00,0
Establishment ..	..	..	..	3,29,202	3,45,827	24,625	3,29,202		
Tools and plant ..	..	..	..	2,34,238	24,643	2,09,595	2,34,238		
Suspense account ..	..	..	..	..	..	..	..		
Total ..	..	..	..	22,57,231	22,21,674	15,557	22,37,231		
Less—Receipts on Capital Account.	..	..	..	27,396	21,674	2,722	27,396		
Net Total ..	..	..	..	22,09,835	21,97,000	12,835	22,09,835		
Indirect Charges.									
Capitalized abatement of land revenue ..	..	..	..	51,639	51,584	55	51,639		
Leave and pension allowances ..	..	..	..	45,250	48,416	3,166	45,250		
Total ..	..	..	..	96,889	1,00,000	3,111	93,889		
Grand Total ..	..	..	..	23,06,724	22,97,000	9,724	23,06,724		

ADMINISTRATIVE ACCOUNTS FOR THE YEAR 1920-21.

MADRAS PRESIDENCY.

VENKATAPURAM TANK PROJECT—Tank Project.

No. 2.—Capital Account for and to end of 1920-1921.

Heads of account.	DIRECT CHARGES.			Cost of construction as now estimated (estimate closed on 31st March 1918).	Expenditure against closed estimate.
	Previous.	1920-1921.	Total.		
I. WORKS—	Rs.	Rs.	Rs.	Rs.	Rs.
(1) Head Works—					
A. Preliminary expenses ..	..	..	..	..	..
B. Land ..	1,781	..	1,781	1,781	1,781
C. Works ..	52,327	..	52,327	52,327	52,327
K. Buildings ..	1,884	..	1,884	1,884	1,053
L. Earthwork ..	2,28,558	1,581	2,30,139	2,30,357	2,28,400
O. Miscellaneous ..	332	..	332	333	251
Total ..	2,84,882	1,581	2,86,463	2,86,682	2,84,028
(2) Main Canals and Branches—					
A. Preliminary expenses ..	19	..	19	19	..
B. Land ..	2,702	..	2,702	2,953	..
C. Works ..	7,878	..	7,878	8,378	7,696
D. Regulators ..	..	..	..	..	..
F. Rivers and Hill Torrents ..	..	..	..	..	..
F. (1) Other cross drainage works.	..	..	..	..	..
G. Bridges ..	..	..	..	..	..
K. Buildings ..	..	..	..	..	..
L. Earthwork ..	6,675	..	6,675	6,975	6,130
O. Miscellaneous ..	41	..	41	40	2,954
P. Maintenance ..	..	..	..	..	..
Total ..	17,315	..	17,315	18,365	16,780
(3) Distributaries—					
B. Land ..	..	..	..	..	..
C. Works ..	..	..	..	..	..
L. Earthwork ..	..	..	..	..	..
O. Miscellaneous ..	..	..	..	..	..
P. Maintenance ..	..	..	..	..	..
Total ..	..	..	..	..	..
(5) Special tools and plant—					
Provision for unforeseen works ..	1	..	1	1	..
Total, Works ..	3,02,198	1,581	3,03,779	3,05,048	3,00,808
II. ESTABLISHMENT ..	63,259	1,085	64,344	63,554	62,353
III. TOOLS AND PLANT ..	4,219	15	4,234	4,262	4,205
Grand Total ..	3,69,676	2,681	3,72,357	3,73,164	3,67,366
V. Less—RECEIPTS ON CAPITAL ACCOUNT.	519	..	519	519	519
(a) Net Total ..	3,69,157	2,681	3,71,838	3,72,645	3,66,847

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

IRRIGATION BRANCH.

MADRAS PRESIDENCY.

VENKATAPURAM TANK PROJECT—*Tank Project.*

No. 3.—Revenue Account for and to end of 1920-1921.

Receipts.	Total.			Charges.	Total.		
	Previous.	1920-1921.	Total.		Previous.	1920-1921.	Total.
DIRECT RECEIPTS—				I. EXTENSIONS AND IMPROVEMENTS—	RS.	RS.	
6. Receipts from other canal produce ..	..	..	..	(1) Head works	..	..	..
9. Rents of buildings. ..	..	..	..	(2) Main canals and branches ..	..	16	16
11. Miscellaneous ..	..	..	..	(3) Distributaries	..	..	..
				(4) Drainage and protective works ..	..	..	..
				Total ..	..	16	16
Total, Revenue realized in Public Works Department ..	..	..	..	II. MAINTENANCE AND REPAIRS—			
Irrigation Revenue realized in Civil Department ..	..	..	..	(1) Head works	258	385	643
				(2) Main canals and branches ..	500	..	500
				(3) Distributaries	..	..	..
				(4) Drainage and protective works ..	..	..	..
Total, Direct Receipts. ..	..	..	..	Add—Unclassifiable outlay ..	..	..	..
II. INDIRECT RECEIPTS—				Total ..	758	385	1,143
Share of Land Revenue collected in the Civil Department ..	..	..	..	Total, Extensions and Improvements and Maintenance and Repairs	758	401	1,159
				IV. ESTABLISHMENT	510	275	785
Total, Public Works and Civil Departments, Revenue ..	..	..	..	V. TOOLS AND PLANT	8	4	12
				VI. REFUNDS OF REVENUE	..	..	..
				Total, Direct Charges ..	1,276	680	1,956
				Share of collection charges in the Civil Department	..	..	..
				Indirect Charges	72	38	110
				Total, Direct and Indirect Charges. ..	1,348	718	2,066
				Balance, Net revenue	-1,348	-718	-2,066
Total, Receipts ..	..	..	..	Grand Total ..	..	..	..

ADMINISTRATIVE ACCOUNTS FOR THE YEAR 1920-21.

MADRAS PRESIDENCY.

VENKATAPURAM TANK PROJECT—*Tank Project.*

No. 4.—Interest Account for and to end of 1920-1921.

	Amount.		Amount.
Total interest charges to end of 1919-1920 ..	RS. 97,292	Net revenue realized to end of 1919-1920 ..	RS. -1,348
Total interest charges for the year 1920-1921. ..	12,778	Net revenue realized during 1920-1921 ..	-718
		Balance net interest charges ..	1,12,136
Total ..	1,10,070	Total ..	1,10,070

No. 5.—Account of Indirect Charges for and to end of 1920-1921.

Particulars.	Previous.	1920-1921.	Total.
	RS.	RS.	RS.
CAPITAL—			
Capitalization of abatement of land revenue ..	3,635	..	3,635
Leave and pension allowances	8,855	152	9,007
Total ..	12,490	152	12,642
REVENUE—			
Capitalization of abatement of land revenue ..	..	..	..
Leave and pension allowances	72	38	110
Total ..	72	38	110
Grand Total ..	12,562	190	12,752

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.	RS.		RS.
Works ..	3,00,808	..	3,00,808	2,971	4,240	1,269	3,08,770		
Establishment ..	62,353	..	62,353	1,991	1,501	490	64,344		
Tools and plant ..	4,205	..	4,205	29	67	28	4,234		
Suspense account ..	..	..	..	..	..	..	..		
Total ..	3,67,366	..	3,67,366	4,991	5,798	807	3,72,357		
Less—Receipts on Capital Account ..	519	..	519	..	..	..	519		
Net Total ..	3,66,847	..	3,66,847	4,991	5,798	807	3,71,838	76 I, 5th March 1921.	
Indirect Charges.								Direct ..	4,240
Capitalized abatement of land revenue ..	3,627	..	3,627	8	..	8	3,635	Indirect ..	210
Leave and pension allowances ..	8,728	..	8,728	279	210	69	9,007		
Total ..	12,355	..	12,355	287	210	77	12,842		
Grand Total ..	3,79,202	..	3,79,202	5,278	6,008	730	3,84,480		

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 1920-1921.			To end of 1920-1921.		
				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 ..	2,63,792	10,203	2,73,995	2,521	111	2,632	2,60,706	10,314	2,71,020
Muniyuru project ..	6,71,434	28,000	6,99,434	..	..	..	5,68,966	29,636	5,98,602
Peddinayadu tank of Chennarowpalem.	68,234	20,726	88,960	..	..	..	62,098	1,397	63,495
Jangamashwarapuram tank ..	61,253	10,411	71,664	..	..	..	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 ..	1,90,997	25,579	2,16,576	..	..	..	1,90,997	25,579	2,16,576
Anamas, nudram-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 vanka 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 ..	1,16,557	4,001	1,20,558	..	..	..	1,16,557	4,001	1,20,558
Yellanur tank project ..	2,35,711	30,089	2,65,800	40	2	42	2,39,192	30,515	2,69,707
Kootheravu tank project ..	1,22,800	8,700	1,31,500	— 50	..	— 50	1,24,605	11,129	1,35,734
Siddapur tank project ..	9,21,980	26,620	9,48,600	— 6,258	— 351	— 6,609	7,96,775	13,874	8,10,649
Nagavaram anicut and supply channel.	1,07,293	2,595	1,09,890	..	..	..	1,07,295	2,595	1,09,890
Arkenkota channel ..	1,40,769	3,676	1,44,445	..	..	..	1,40,769	3,676	1,44,445
Thadapalle do. ..	1,64,755	11,050	1,75,805	..	..	..	1,64,755	11,050	1,75,805
Kalingarayan channel ..	1,75,980	4,506	1,80,486	..	..	..	1,75,980	4,506	1,80,486
Kanniapaliem anicut ..	1,27,480	3,120	1,30,610	22,089	756	22,845	1,15,679	3,431	1,19,110
Palar anicut system ..	23,41,134	1,16,895	24,58,029	4,817	101	4,918	23,36,184	1,16,973	24,53,157
Valluru anicut system ..	74,541	1,666	76,207	..	..	..	74,366	1,916	76,282
Madras Water-supply and Irrigation system.	15,79,536	2,39,503	18,19,044	21,228	435	21,674	15,79,536	2,39,578	18,19,114
Chembrambakkam tank ..	6,51,708	1,12,669	7,64,377	2,113	44	2,157	6,49,829	1,12,745	7,62,574
Mehamattur anicut system ..	72,869	1,897	74,766	1,777	72	1,849	72,538	1,969	74,507
Vridhachalam anicut system.	84,191	2,494	86,685	..	..	..	84,191	2,494	86,685
Pelandorai anicut system ..	6,43,270	48,747	6,92,017	..	..	..	6,43,270	48,747	6,92,017
Nandyar channel system ..	63,231	2,484	65,715	..	..	..	63,231	2,484	65,715
Marudur anicut system ..	50,541	1,265	51,806	..	..	..	50,541	1,265	51,806
Panjapatti Reservoir ..	3,36,090	68,510	4,04,600	— 24,774	— 1,132	— 25,906	3,24,486	11,320	3,35,806
<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 ..	85,71,085	4,88,404	90,59,489	11,603	244	11,847	85,63,209	4,89,161	90,52,370
Vedaranniyam canal ..	1,32,699	3,733	1,36,432	..	..	..	1,32,699	3,733	1,36,432
Total ..	1,94,49,883	13,39,100	2,08,29,983	35,106	293	35,399	1,91,79,648	12,97,051	2,04,76,699

ADMINISTRATIVE ACCOUNTS FOR THE YEAR 1920-21.

MADRAS PRESIDENCY.

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

RECEIPTS DURING 1920-1921.			WORKING EXPENSES DURING 1920-1921.			NET RESULT EXCLUDING INTEREST (DIFFERENCE BETWEEN REVENUE AND WORKING EXPENSES).				Simple interest during 1920-1921.	NET RESULT INCLUDING INTEREST.			
Water-rates, etc.	Collected with land revenue.	Total.	Direct charges.	Indirect charges.	Total.	Excess revenue (surplus).	Excess expenditure (deficit).	Rate per cent.			Excess revenue (surplus).	Excess expenditure (deficit).	Rate per cent.	
RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	Of excess revenue.	Of excess expenditure.			Of excess revenue.	Of excess expenditure.	
59,244	7,324	66,568	14,876	511	15,387	51,181	..	18.88	..	..	..	..	..	
19,875	60	19,935	11,862	577	12,439	7,496	..	1.25	..	..	..	..	..	
1,363	..	1,363	182	8	191	1,172	..	1.85	..	..	..	..	..	
1,347	..	1,347	1,132	56	1,188	159	..	.22	..	..	..	..	..	
3,459	..	3,459	750	31	781	2,678	..	2.17	..	..	..	..	..	
939	3	942	695	34	729	213	..	.15	..	..	..	..	..	
1,692	15	1,707	1,610	33	1,643	64	..	.02	..	..	..	..	..	
4,554	..	4,554	2,896	56	2,952	1,602	..	.74	..	..	..	..	..	
493	1	494	998	— 54	— 1,052	1,546	..	2.10	..	..	..	..	..	
3,787	64	3,851	4,367	87	4,454	..	603	..	.95	..	..	..	..	
..	..	..	..	..	..	..	..	..	..	..	..	..	..	
— 6,589	4	— 6,585	2,173	141	2,314	..	8,899	..	1.92	..	..	..	..	
..	..	..	..	..	..	..	..	..	..	..	..	..	..	
— 21,464	461	— 21,003	— 1,075	1	— 1,076	..	19,927	..	23.07	..	..	..	..	
2,491	1	2,492	1,865	98	1,963	529	..	.44	..	..	..	..	..	
2,245	..	2,245	374	15	389	1,856	..	.89	..	..	..	..	..	
21	..	21	455	25	480	..	459	..	.34	..	..	..	..	
..	..	..	1,474	83	1,557	..	1,557	..	.19	..	..	..	..	
1,667	..	1,667	88	..	88	1,584	..	1.44	..	..	..	..	..	
17,889	410	18,299	6,206	182	6,388	11,911	..	8.25	..	..	..	..	..	
66,961	2,900	69,861	13,632	349	13,981	55,880	..	31.79	..	..	..	..	..	
43,337	483	43,820	13,513	391	13,904	29,916	..	16.58	..	..	..	..	..	
..	..	..	..	..	..	..	..	..	..	..	..	..	..	
2,47,445	16,733	2,64,178	65,396	1,878	67,274	1,96,904	..	8.03	..	..	..	..	..	
2,944	1,074	4,018	4,876	99	4,975	..	957	..	1.25	..	..	..	..	
53,242	462	53,704	17,910	357	18,267	35,437	..	1.95	..	..	..	..	..	
59,149	908	60,057	6,470	75	6,545	53,512	..	7.02	..	..	..	..	..	
16,157	51	16,208	2,421	66	2,487	13,721	..	18.42	..	..	..	..	..	
25,743	294	26,037	6,496	211	6,707	19,330	..	22.30	..	..	..	..	..	
44,607	76	44,683	18,719	667	19,386	25,297	..	31.66	..	..	..	..	..	
7,011	54	7,065	— 365	— 32	— 397	7,462	..	11.35	..	..	..	..	..	
96,593	270	96,863	7,343	118	7,461	89,402	..	172.57	..	..	..	..	..	
..	..	..	..	..	..	..	..	..	..	..	..	..	..	
..	..	..	..	..	..	..	..	..	..	..	..	..	..	
116	..	116	440	19	459	..	343	..	.22	..	..	..	..	
77,371	..	77,371	2,20,889	4,631	2,25,520	..	1,48,149	..	1.6*	..	..	..	..	
561	..	561	13,206	534	13,740	..	13,179	..	9.66	..	..	..	..	
8,34,250	31,648	8,65,898	4,39,874	11,245	4,51,119	4,14,779	..	2.03	..	..	..	..	..	

IRRIGATION BRANCH.

PUBLIC WORKS DEPARTMENT.

GANJAM MINOR RIVERS SYSTEM—Canal Project.

No. 2.—Capital Account for and to end of 1920-1921.

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.	1920-1921.	Total.		
I. WORKS—	Rs.	Rs.	Rs.	Rs.	Rs.
(1) <i>Head Works—</i>					
C. Works	1,647	1,683	3,330	1,647	1,647
Total	1,647	1,683	3,330	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	2,924	...	2,924	2,924	2,924
O. Miscellaneous	2,220	...	2,220	2,220	2,220
P. Maintenance... ..	...	...	...	...	...
Total	1,10,425	...	1,10,425	1,14,983	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
(5) <i>Special tools and plant</i>	...	...	...	...	...
Add—Unclassifiable outlay	7,929	...	7,929	7,929	7,929
Total Works	2,14,345	1,683	2,16,028	2,18,903	2,14,343
II. ESTABLISHMENT	43,701	796	44,497	44,681	43,700
III. TOOLS AND PLANT	139	42	181	208	139
Grand Total	2,58,185	2,521	2,60,706	2,63,792	2,58,182
V. <i>Less—RECEIPTS ON CAPITAL ACCOUNT</i>	...	...	...	...	...
* Net Total	2,58,185	2,521	2,60,706	2,63,792	2,58,182

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

ADMINISTRATIVE ACCOUNTS FOR THE YEAR 1920-21.

MADRAS PRESIDENCY.

GANJAM MINOR RIVERS SYSTEM—Canal Project.

No. 3.—Revenue Account for and to end of 1920-1921.

Receipts.	TOTAL.			Charges.	TOTAL.		
	Previous.	1920-1921.	Total.		Previous.	1920-1921.	Total.
I. DIRECT RECEIPTS—	RS.	RS.	RS.	I. EXTENSIONS AND IMPROVEMENTS—	RS.	RS.	RS.
1. Water-rates from irrigation	62	...	62	(1) Head works	922	...	922
2. Owner's rates	139	...	139	(2) Main canals and branches	35,521	1,569	37,090
3. Receipts from sale of water	734	...	734	(3) Distributaries	79,640	35	79,675
5. Receipts from plantations	1,446	2	1,448	(4) Drainage and protective works	5,713	...	5,713
6. Receipts from other canal produce	6,052	19	6,071	(5) Special tools and plant	...	...	...
11. Miscellaneous	899	64	963	Total	1,21,736	1,604	1,23,400
Total Revenue realized in Public Works Department	9,332	85	9,417	II. MAINTENANCE AND REPAIRS—			
Irrigation Revenue realized in Civil Department	16,38,617	59,159	16,97,676	(1) Head works	2,686	...	2,686
Total, Direct Receipts	16,47,849	59,244	17,07,093	(2) Main canals and branches	3,23,213	7,766	3,30,979
II. INDIRECT RECEIPTS—				(3) Distributaries	2,09,403	2,925	2,12,398
Share of Land Revenue collected in the Civil Department	3,81,291	7,324	3,88,615	(4) Drainage and protective works	4,817	...	4,817
Total, Public Works and Civil Departments, Revenue	20,29,140	66,568	20,95,708	(5) Special tools and plant	2,985	...	2,985
Total, Receipts	20,29,140	66,568	20,95,708	Add—Unclassifiable outlay	...	...	...
				Total	6,43,104	10,761	6,53,865
				Total, Extensions and Improvements and Maintenance and Repairs	6,64,960	12,365	6,77,265
				IV. ESTABLISHMENT	1,52,534	5,847	1,58,381
				V. TOOLS AND PLANT	921	314	1,235
				VI. REFUNDS OF REVENUE	6	...	6
				Total, Direct Charges	8,18,360	18,526	8,36,886
				Share of collection charges in the Civil department	1,00,591	3,324	1,04,315
				Indirect charges	30,391	819	31,210
				Total, Direct and Indirect Charges. * Deduct—Old maintenance charges saved to Government.	9,49,742	22,669	9,72,411
				Net revenue	9,24,108	15,387	9,39,495
				Balance, Net revenue	11,05,032	51,181	11,56,213
				Grand Total	20,29,140	66,568	20,95,708

* Direct—	RS.
Extensions and improvements	1,529
Maintenance and repairs	3,126
Establishment	2,201
Tools and plant	118
Indirect	6,974
Total	308
Total	7,282

No. 5.—Account of Indirect Charges for and to end of 1920-1921.

Particulars.	Previous.	1920-1921.	Total.
CAPITAL—	RS.	RS.	RS.
Capitalization of abatement of land revenue	4,084	...	4,084
Leave and pension allowances	6,119	111	6,230
Total	10,203	111	10,314
REVENUE—			
Capitalization of abatement of land revenue	9,050	...	9,050
Leave and pension allowances	21,341	819	22,160
Total	30,391	819	31,210
Grand Total	40,594	930	41,524

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	1,11,515	2,14,312	1,685	4,560	2,875	2,16,028	Mis. 225 I., 31st July 1919	
Establishment ..	23,382	20,318	43,700	797	981	184	44,487	Mis. 112 I., 18th Mar. 1921	2,170
Tools and plant ..	..	139	139	42	69	27	181		
Suspense account ..	..	..	..	..	..	..	..		
Total ..	1,26,179	1,32,003	2,58,182	2,524	5,610	3,086	2,60,706		2,390
<i>Less—Receipts on Capital account ..</i>	..	..	..	..	..	..	..		
Net Total ..	1,26,179	1,32,003	2,58,182	2,524	5,610	3,086	2,60,706		4,560
<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	111	..	— 111	6,230		
Total ..	3,274	6,929	10,203	111	..	— 111	10,314		
Grand Total ..	1,29,453	1,38,932	2,68,385	2,635	5,610	2,975	2,71,020		

MUNIYERU PROJECT—Canal Project.

No. 2.—Capital Account for and to end of 1920-1921.

Heads of account.	DIRECT CHARGES.			Cost of construction as now estimated.	Expenditure against closed estimate.
	Previous.	1920-1921.	Total.		
I. WORKS—	RS.		RS.	RS.	
(1) <i>Head Works—</i>					
A. Preliminary expenses ..	57	..	57	57	..
C. Works ..	54,547	..	54,547	81,290	..
K. Buildings ..	4,205	..	4,205	4,205	..
P. Maintenance ..	9,815	..	9,815	10,169	..
Total ..	68,624	..	68,624	95,721	..
(2) <i>Main Canals and Branches—</i>					
B. Land ..	10,011	..	10,011	10,000	..
D. Regulators ..	12,042	..	12,042	12,043	..
E. Falls and weirs ..	..	..	..	..	..
F. River and hill torrent works ..	3,046	..	3,046	7,524	..
F. (1) Other cross drainage works ..	85,903	..	85,903	86,038	..
G. Bridges ..	18,938	..	18,938	18,854	..
H. Escapes ..	..	..	..	..	..
K. Buildings ..	4,586	..	4,586	4,731	..
L. Earthwork ..	1,83,745	..	1,83,745	2,01,950	..
N. Tanks and reservoirs ..	6,359	..	6,359	6,879	..
O. Miscellaneous ..	2,734	..	2,734	2,854	..
P. Maintenance ..	107	..	107	107	..
Total ..	3,27,471	..	3,27,471	3,51,010	..
(3) <i>Distributaries—</i>					
C. Works ..	23,437	..	23,437	25,395	..
L. Earthwork ..	41,198	..	41,198	49,222	..
O. Miscellaneous ..	2,449	..	2,449	2,550	..
Total ..	67,084	..	67,084	77,167	..
(5) <i>Special tools and plant—</i>					
Provision for unforeseen works ..	..	..	..	17,640	..
Total, Works ..	4,63,179	..	4,63,179	5,41,538	..
II. ESTABLISHMENT ..	1,03,866	..	1,03,866	1,22,194	..
III. TOOLS AND PLANT ..	3,713	..	3,713	7,702	..
Grand Total ..	5,70,698	..	5,70,698	6,71,434	..
V. <i>Less—RECEIPTS ON CAPITAL ACCOUNT</i> ..	1,732	..	1,732	..	..
(a) Net Total ..	5,68,966	..	5,68,966	6,71,434	..

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

ADMINISTRATIVE ACCOUNTS FOR THE YEAR 1920-21.

MADRAS PRESIDENCY.

MUNIYERU PROJECT—Canal Project.

No. 3.—Revenue Account for and to end of 1920-1921.

Receipts.	TOTAL.			Charges.	TOTAL.		
	Previous.	1920-1921.	Total.		Previous.	1920-1921.	Total.
I. DIRECT RECEIPTS—	RS.	RS.	RS.		RS.	RS.	RS.
5. Receipts from plantations ..	504	..	504	I. EXTENSIONS AND IMPROVEMENTS—			
6. Receipts from other canal produce ..	4,263	567	4,830	(1) Head works ..	2,471	..	2,471
9. Rents of buildings ..	1,084	15	1,099	(2) Main canals and branches ..	3,421	25	3,446
11. Miscellaneous ..	4,264	..	4,264	(3) Distributaries ..	902	12	914
Total, Revenue realized in Public Works Department ..	10,115	582	10,697	(4) Drainage and protective works ..	..	..	..
Irrigation Revenue realized in Civil Department ..	3,27,691	19,293	3,46,984	(5) Special tools and plant ..	..	..	..
Total, Direct Receipts ..	3,37,806	19,875	3,57,681	Total ..	6,794	37	6,831
II. INDIRECT RECEIPTS—				II. MAINTENANCE AND REPAIRS—			
Share of Land Revenue collected in the Civil Department ..	2,035	60	2,095	(1) Head works ..	47,874	1,763	49,637
Total, Public Works and Civil Departments, Revenue ..	3,39,841	19,935	3,59,776	(2) Main canals and branches ..	62,642	4,058	66,700
				(3) Distributaries ..	16,817	1,177	17,994
				(4) Drainage and protective works ..	..	..	..
				(5) Special tools and plant ..	..	..	..
				Add—Unrecoverable outlay ..	..	..	..
				Total ..	1,27,333	6,998	1,34,331
				Total, Extensions and Improvements and Maintenance and Repairs ..	1,34,127	7,035	1,41,162
				IV. ESTABLISHMENT ..	33,764	4,259	38,023
				V. TOOLS AND PLANT ..	1,354	40	1,394
				VI. REFUNDS OF REVENUE ..	51	..	51
				Total, Direct Charges ..	1,69,306	11,254	1,80,560
				Share of collection charges in the Civil Department ..	16,488	963	17,451
				Indirect Charges ..	4,713	596	5,309
				Total, Direct and Indirect Charges ..	1,90,507	12,813	2,03,320
				* Deduct—Old maintenance charges saved to Government ..	1,282	374	1,656
				Total, Direct and Indirect charges ..	1,89,225	12,439	2,01,664
				Balance, net revenue ..	1,50,616	7,496	1,58,112
Total, Receipts ..	3,39,841	19,935	3,59,776	Grand Total ..	3,39,841	19,935	3,59,776

* Direct—	RS.
Extensions and improvements ..	..
Maintenance and repairs ..	..
Establishment ..	..
Tools and plant ..	..
Total ..	355
Indirect ..	19
Total ..	374

No. 5.—Account of Indirect Charges for and to end of 1920-1921.

Particulars.	Previous.	1920-1921.	Total.
CAPITAL—	RS.	RS.	RS.
Capitalization of abatement of land revenue ..	15,104	..	15,104
Leave and pension allowances ..	14,532	..	14,532
Total ..	29,636	..	29,636
REVENUE—			
Leave and pension allowances ..	4,713	596	5,309
Grand Total ..	34,349	596	34,945

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.
Direct Charges.				RS.	RS.	RS.	RS.	Direct Charges.	RS.
Works ..	..	..	..	4,63,179	5,41,538	78,359	4,63,179	518 J., 8th July 1898.	4,81,800
Establishment ..	..	..	..	1,03,806	1,22,194	18,388	1,03,806	163 L., 17th Feb. 1899.	10,000
Tools and plant ..	..	..	..	3,713	7,702	3,989	3,713	270 L., 17th Mar. 1900.	9,182
Expense account ..	..	..	..					798 L., 17th July 1902.	27,000
Total ..	..	..	..	5,70,698	6,71,424	1,00,736	5,70,698	690 L., 24th June 1904.	4,700
Less—Receipts on Capital account ..	..	..	..	1,732	..	— 1,732	1,732	266 L., 1st Sep. 1911.	1,856
Net Total ..	..	..	..	5,68,966	6,71,424	1,02,468	5,68,966	253 L., 20th May 1915.	4,000
Indirect Charges.								Total ..	5,41,538
Capitalized abatement of land revenue ..	..	..	..	15,104	12,389	— 2,715	15,104	Indirect Charges.	
Leave and pension allowances ..	..	..	..	14,532	15,611	1,079	14,532	518 L., 8th July 1898.	28,066
Total ..	..	..	..	29,636	28,000	— 1,636	29,636		
Grand Total ..	..	..	..	5,98,602	6,99,424	1,00,832	5,98,602		

PEDDINAYUDU TANK OF CHINNARAOPALEM—Tank Project.

No. 2.—Capital Account for and to end of 1920-1921.

Hheads of account.	DIRECT CHARGES.			Cost of construction as now estimated.	Expenditure against closed estimate.
	Previous.	1920-1921.	Total.		
I. WORKS—	RS.		RS.	RS.	
(1) Head Works—					
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) Main Canals and Branches—					
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) Distributaries—					
B. Land ..	106	..	106	106	..
C. Works ..	44	..	44	44	..
L. Earthwork ..	775	..	775	775	..
O. Miscellaneous ..	..	..	..	..	..
Total ..	925	..	925	925	..
(5) Special tools and plant—					
Provision for unforeseen works ..	..	..	..	6,034	..
Total, Works ..	52,319	..	52,319	58,368	..
II. ESTABLISHMENT ..	9,779	..	9,779	9,856	..
III. TOOLS AND PLANT ..	..	..	..	..	..
(a) Grand Total ..	62,098	..	62,098	68,224	..

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

ADMINISTRATIVE ACCOUNTS FOR THE YEAR 1920-21.

MADRAS PRESIDENCY.

PEDDINAYUDU TANK OF CHINNARAOPALEM—Tank Project.

No. 3.—Revenue Account for and to end of 1920-1921.

Receipts.	TOTAL.			Charges.	TOTAL.		
	Previous.	1920-1921.	Total.		Previous.	1920-1921.	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 ..	4,763	880	5,643	(2) Main canals and branches ..	116	..	116
8. Navigation receipts ..	..	..	..	(3) Distributaries ..	..	..	..
9. Rents of buildings ..	..	..	..	(4) Drainage and protective works ..	188	..	188
10. Fines ..	..	..	..	(5) Special tools and plant ..	..	..	..
11. Miscellaneous ..	902	..	902	Total ..	304	..	304
Receipts for which classification is not obtainable ..	..	..	..	II. MAINTENANCE AND REPAIRS—			
Total revenue realized in the Public Works Department ..	6,836	880	7,716	(1) Head works ..	138	..	138
Irrigation revenue realized in Civil Department ..	3,204	483	3,687	(2) Main canals and branches ..	964	100	1,064
Total, Direct Receipts ..	10,040	1,363	11,403	(3) Distributaries ..	..	..	..
Total, Public Works and Civil Departments, Revenue ..	10,040	1,363	11,403	(4) Drainage and protective works ..	..	..	..
				(5) Special tools and plant ..	..	..	..
				Add—Unclassifiable outlay ..	..	..	..
				Total ..	1,102	100	1,202
				Total, Extensions and Improvements and Maintenance and Repairs ..	1,406	100	1,506
				IV. ESTABLISHMENT ..	874	80	954
				V. TOOLS AND PLANT ..	1	— 1	..
				VI. REFUNDS OF REVENUE ..	94	..	94
				Total, Direct Charges ..	2,375	159	2,534
				Share of collection charges in the Civil Department ..	160	24	184
				Indirect charges ..	122	8	130
				Total, Direct and Indirect Charges ..	2,657	191	2,848
				Balance, Net revenue ..	7,383	1,172	8,555
Total, Receipts ..	10,040	1,363	11,403	Grand Total ..	10,040	1,363	11,403

No. 5.—Account of Indirect Charges for and to end of 1920-1921.

Particulars.	Previous.	1920-1921.	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 ..	122	8	130
Total ..	122	8	130
Grand Total ..	1,519	8	1,527

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 I.,	58,368
Establishment ..	..	..	..	9,779	9,866	87	9,779	27th	
Tools and plant ..	..	..	..	..	..	..	..	July	
Suspense account ..	..	..	..	..	..	..	..	1908.	
Total	..	..	..	62,098	68,234	6,136	62,098		
<i>Less—Receipts on Capital Account</i>	..	..	..	..	..	..	..		
Net Total	..	..	..	62,098	68,234	6,136	62,098		
<i>Indirect Charges.</i>								<i>Indirect Charges.</i>	
Capital abatement of land revenue	..	..	..	28	19,345	19,317	28	273 I.,	20,726
Leave and pension allowances	..	..	..	1,369	1,381	12	1,369	27th	
Total	..	..	..	1,397	20,726	19,329	1,397	July	
Grand Total ..	..	..	..	63,495	88,960	25,465	63,495	1908.	

JANGAMESHWARAPURAM TANK—Tank Project.

No. 2.—Capital Account for and to end of 1920-1921.

Heads of account.	DIRECT CHARGES.			Cost of construction as now estimated (construction estimate closed on 31st March 1908).	Expenditure against closed estimate.
	Previous.	1920-1921.	Total.		
<i>I. WORKS—</i>	RS.		RS.	RS.	RS.
(1) <i>Head Works—</i>					
B. Land	13,487	..	13,487	13,487	13,487
C. Works	10,899	..	10,899	10,899	10,899
K. Buildings	..	..	..	..	..
L. Earthwork	6,959	..	6,959	6,959	6,959
O. Miscellaneous	72	..	72	72	72
Total	31,417	..	31,417	31,417	31,417
(3) <i>Distributaries—</i>					
B. Land	695	..	695	695	695
C. Works	7,500	..	7,500	7,500	7,500
L. Earthwork	12,704	..	12,704	12,704	12,704
O. Miscellaneous	248	..	248	248	248
Total	21,147	..	21,147	21,147	21,147
Provision for unforeseen works	..	..	..	..	..
Total, Works	52,564	..	52,564	52,564	52,564
II. ESTABLISHMENT	8,689	..	8,689	8,689	8,689
III. TOOLS AND PLANT	..	..	..	..	..
Grand Total	61,253	..	61,253	61,253	61,253
IV. <i>Less—RECEIPTS ON CAPITAL ACCOUNT</i>	..	..	..	..	..
(a) Net Total	61,253	..	61,253	61,253	61,253

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

ADMINISTRATIVE ACCOUNTS FOR THE YEAR 1920-21.

MADRAS PRESIDENCY.

JANGAMESHWARAPURAM TANK—Tank Project.

No. 3.—Revenue Account for and to end of 1920-1921.

Receipts.	TOTAL.			Charges.	TOTAL.		
	Previous.	1920-1921.	Total.		Previous.	1920-1921.	Total.
<i>I. DIRECT RECEIPTS—</i>	RS.	RS.	RS.	<i>I. EXTENSIONS AND IMPROVEMENTS—</i>	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	334	549
Total, Revenue realized in Public Works Department	1,072	..	1,072	(4) Drainage and protective works ..	..	..	..
Irrigation revenue realized in Civil Department ..	8,827	1,347	10,174	(5) Special tools and plant	..	..	..
Total, Direct Receipts	9,899	1,347	11,246	Total	416	334	750
<i>II. INDIRECT RECEIPTS—</i>				<i>II. MAINTENANCE AND REPAIRS—</i>			
Share of land revenue collected in the Civil Department	..	..	..	(1) Head works	891	..	891
Total, Public Works and Civil Departments, Revenue	9,899	1,347	11,246	(2) Main canals and branches ..	12	..	12
				(3) Distributaries	1,854	332	2,186
				(4) Drainage and protective works ..	467	..	467
				(5) Special tools and plant	..	..	..
				Add—Unclassifiable outlay	..	..	..
				Total	3,224	332	3,556
				Total, Extensions and Improvements and Maintenance and Repairs ..	3,640	666	4,306
				IV. ESTABLISHMENT	1,158	403	1,561
				V. TOOLS AND PLANT	— 15	— 4	— 19
				VI. REFUNDS OF REVENUE	..	..	..
				Total, Direct Charges	4,783	1,065	5,848
				Share of collection charges in the Civil Department	439	67	506
				Indirect charges	164	56	220
				Total, Direct and Indirect Charges ..	5,386	1,188	6,574
				Balance, Net revenue	4,513	159	4,672
Total, Receipts	9,899	1,347	11,246	Grand Total	9,899	1,347	11,246

No. 5.—Account of Indirect Charges for and to end of 1920-1921.

Particulars.	Previous.	1918-1919.	Total.
<i>CAPITAL—</i>	RS.	RS.	RS.
Capitalization of abatement of land revenue	9,194	..	9,194
Leave and pension allowances	1,217	..	1,217
Total	10,411	..	10,411
<i>REVENUE—</i>			
Leave and pension allowances	164	56	220
Grand Total	10,575	56	10,631

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.	
	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	50,980	1,584	52,564	..	..	..	52,564		
Establishment	8,352	337	8,689	..	..	..	8,689		
Tools and plant	..	..	..	..	..	..	..		
Suspense account	..	..	..	..	..	..	..		
Total ..	59,332	1,921	61,253	..	..	..	61,253		
<i>Less—Receipts on Capital account.</i>	..	..	..	..	..	..	..		
Net Total ..	59,332	1,921	61,253	..	..	..	61,253		
<i>Indirect Charges.</i>									
Capitalized abatement of land revenue ..	9,194	..	9,194	..	..	..	9,194		
Leave and pension allow- ances ..	1,170	47	1,217	..	..	..	1,217		
Total ..	10,364	47	10,411	..	..	..	10,411		
Grand Total ..	69,696	1,968	71,664	..	..	..	71,664		

ATMAKURU TANK—Tank Project.

No. 2.—Capital Account for and to end of 1919-1920.

Heads of account.	DIRECT CHARGES.			Cost of con- struction as now estimated (construc- tion estimate closed on 31st August 1907).	Expendi- ture against closed estimate.
	Previous.	1919-1920.	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 1920-21.

MADRAS PRESIDENCY.

ATMAKURU TANK—Tank Project.

No. 3.—Revenue Account for and to end of 1920-1921.

Receipts.	TOTAL.			Charges.	TOTAL.		
	Previous.	1920-1921.	Total.		Previous.	1920-1921.	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 planta- tions	..	..	..	(3) Distributaries	136	..	136
6. Receipts from other canal produce	1	..	1	(4) Drainage and protective works	..	..	..
8. Navigation receipts	..	..	..	(5) Special tools and plant	..	..	..
9. Rents of buildings	..	..	..	Total ..	902	..	902
11. Miscellaneous	5	..	5	<i>II. MAINTENANCE AND REPAIRS—</i>			
Total, Revenue realized in the Public Works Department	6	..	6	(1) Head works	2,774	89	2,863
Irrigation Revenue re- alized in Civil Depart- ment	18,200	3,459	21,659	(2) Main canals and branches	..	..	..
Total, Direct Receipts ..	18,206	3,459	21,665	(3) Distributaries	848	272	1,120
<i>II. INDIRECT RECEIPTS—</i>				(4) Drainage and protective works	..	..	..
Share of Land Revenue collected in the Civil Department	..	..	..	(5) Special tools and plant	..	..	..
Total, Public Works and Civil Departments, Revenue	18,206	3,459	21,665	Add—Unclassifiable outlay	..	..	..
				Total ..	3,622	361	3,983
				Total, Extensions and Improvements and Maintenance and Repairs	4,524	361	4,885
				IV. ESTABLISHMENT	1,054	218	1,272
				V. TOOLS AND PLANT	2	..	2
				VI. REFUNDS OF REVENUE	..	..	..
				Total, Direct Charges ..	5,580	577	6,157
				Share of collection charges in the Civil Department	909	173	1,082
				Indirect charges	148	31	179
				Total, Direct and Indirect Charges ..	6,637	781	7,418
				Balance, net revenue	11,569	2,678	14,247
Grand Total ..	18,206	3,459	21,665	Grand Total ..	18,206	3,459	21,665

No. 5.—Account of Indirect Charges for and to end of 1920-1921.

Particulars.	Previous.	1920-1921.	Total.
<i>CAPITAL—</i>	RS.	RS.	RS.
Capitalization of abatement of land revenue	10,802	..	10,802
Leave and pension allowances	2,626	..	2,626
Total ..	13,428	..	13,428
<i>REVENUE—</i>			
Leave and pension allowances	148	31	179
Grand Total ..	13,576	31	13,607

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 1920-1921.

Heads of account.	DIRECT CHARGES.			Cost of construction as now estimated (construction estimate closed on 31st March 1903).	Expenditure against estimate.
	Previous.	1920-1921.	Total.		
<i>I. WORKS—</i>	RS.		RS.	RS.	RS.
(1) <i>Head Works—</i>					
B. Land ..	22,423	...	22,423	22,423	22,423
C. Works ..	28,821	...	28,821	28,821	28,821
L. Earthwork ..	38,320	...	38,320	38,320	38,320
P. Maintenance ..	10	...	10	10	10
Total ..	89,574	...	89,574	89,574	89,574
(3) <i>Distributaries—</i>					
B. Land ..	838	...	838	838	838
C. Works ..	5,456	...	5,456	5,456	5,456
L. Earthwork ..	9,860	...	9,860	9,860	9,860
O. Miscellaneous ..	120	...	120	120	120
Total ..	16,274	...	16,274	16,274	16,274
<i>II. ESTABLISHMENT</i>	1,05,848	...	1,05,848	1,05,848	1,05,848
<i>III. TOOLS AND PLANT</i>	18,945	...	18,945	18,945	18,945
Grand Total ..	1,24,793	...	1,24,793	1,24,793	1,24,793
<i>V. Less—RECEIPTS ON CAPITAL ACCOUNT</i>	7	...	7	7	7
(a) Net Total ..	1,24,786	...	1,24,786	1,24,786	1,24,786

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

ADMINISTRATIVE ACCOUNTS FOR THE YEAR 1920-21.

MADRAS PRESIDENCY.

DONDAPAD TANK—Tank Project.

No. 3.—Revenue Account for and to end of 1920-1921.

Receipts.	TOTAL.			Charges.	TOTAL.		
	Previous.	1920-1921.	Total.		Previous.	1920-1921.	Total.
<i>I. DIRECT RECEIPTS—</i>	RS.	RS.	RS.	<i>I. EXTENSIONS AND IMPROVEMENTS—</i>	RS.	RS.	RS.
5. Receipts from plantations ..	165	...	165	(1) Head works ..	73	...	73
6. Receipts from other canal produce ..	631	...	631	(2) Main canals and branches ..	11	...	11
11. Miscellaneous ..	230	...	230	(3) Distributaries ..	...	...	...
				(4) Drainage and productive works ..	...	...	...
				(5) Special tools and plant ..	...	...	...
Total, Revenue realized in Public Works Department ..	1,026	...	1,026	Total ..	84	...	84
Irrigation Revenue realized in Civil Department ..	15,077	939	16,016	<i>II. MAINTENANCE AND REPAIRS—</i>			
Total, Direct Receipts ..	16,103	939	17,042	(1) Head works ..	6,803	...	6,803
				(2) Main canals and branches ..	144	...	144
<i>II. INDIRECT RECEIPTS—</i>				(3) Distributaries ..	3,159	405	3,564
Share of Land Revenue collected in the Civil Department ..	62	8	65	(4) Drainage and productive works ..	...	...	...
Total, Public Works and Civil Departments, Revenue ..	16,165	942	17,107	(5) Special tools and plant ..	...	...	...
				Add—Unclassifiable outlay ..	...	...	...
				Total ..	10,106	405	10,511
				Total, Extensions and Improvements and Maintenance and Repairs ..	10,190	405	10,595
				<i>IV. ESTABLISHMENT</i> ..	2,909	245	3,154
				<i>V. TOOLS AND PLANT</i> ..	29	— 2	27
				<i>VI. REFUNDS OF REVENUE</i> ..	...	...	...
				Total, Direct Charges ..	13,128	648	13,776
				Share of collection charges in the Civil Department ..	756	47	803
				Indirect charges ..	405	34	439
				Total, Direct and Indirect Charges ..	14,289	729	15,018
Total, Receipts ..	16,165	942	17,107	Balance, net revenue ..	1,876	213	2,089
				Grand Total ..	16,165	942	17,107

No. 5.—Account of Indirect Charges for and to end of 1920-1921.

Particulars.	Previous.	1920-1921.	Total.
<i>CAPITAL—</i>	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
<i>REVENUE—</i>			
Leave and pension allowances ..	405	34	439
Grand Total ..	15,623	34	15,657

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	504	12,566	...	...	...	12,566		
Leave and pension allowances ..	2,382	270	2,652	...	...	...	2,652		
Total ..	14,444	774	15,218	...	...	...	15,218		
Grand Total ..	1,27,975	12,029	1,40,004	...	...	...	1,40,004		

IRRIGATION BRANCH.

PUBLIC WORKS DEPARTMENT.

HAJIPURAM TANK—Tank Project.

No. 2.—Capital Account for and to end of 1920-1921.

Heads of account.	DIRECT CHARGES.			Cost of construction as now estimated. (Construction estimate closed on 31st March 1911.)	Expenditure against estimate.
	Previous.	1920-1921.	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
(2) <i>Distributaries—</i>					
R. Land	1,156	..	1,156	1,156	1,156
O. 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 1920-1921.

Receipts.	TOTAL.			Charges.	TOTAL.		
	Previous.	1920-1921.	Total.		Previous.	1920-1921.	Total.
I. DIRECT RECEIPTS—	RS.	RS.	RS.	I. EXTENSIONS AND IMPROVEMENTS—	RS.	RS.	RS.
Receipts from other	..	..	..	(1) Head works	..	..	..
canal produce	101	..	101	(2) Main canals and branches	..	..	..
Miscellaneous	5,019	428	5,438	(3) Distributaries	..	..	..
Total, Revenue realized in Public Works Department	5,111	428	5,539	(4) Drainage and protective works	130	..	130
Irrigation Revenue realized in Civil Department	16,668	1,264	17,932	(5) Special tools and plant	..	..	..
Total, Direct Receipts	21,779	1,692	23,471	Total	130	..	130
II. INDIRECT RECEIPTS—				II. MAINTENANCE AND REPAIRS—			
Share of Land Revenue collected in the Civil Department	151	15	166	(1) Head works	83	1,227	1,227
Total, Public Works and Civil Department Revenue	21,930	1,707	23,637	(2) Main canals and branches	..	77	77
Total, Receipts	21,930	1,707	23,637	(3) Distributaries	..	..	..
				(4) Drainage and protective works	..	..	..
				(5) Special tools and plant	..	..	..
				Add—Unclassifiable outlay	..	..	..
				Total	83	1,304	1,387
				Total, Extensions and Improvements and Maintenance and Repairs	213	1,304	1,517
				IV. ESTABLISHMENT	403	232	635
				V. TOOLS AND PLANT	..	10	10
				VI. REFUNDS OF REVENUE	..	..	..
				Total, Direct Charges	616	1,543	2,162
				Share of collection charges in the Civil Department	841	64	905
				Indirect charges	160	33	193
				Total, Direct and Indirect Charges	1,617	1,643	3,260
				Balance, net revenue	20,313	64	20,377
				Grand Total	21,930	1,707	23,637

ADMINISTRATIVE ACCOUNTS FOR THE YEAR 1920-21.

MADRAS PRESIDENCY.

HAJIPURAM TANK—Tank Project.

No. 5.—Account of Indirect Charges for and to end of 1920-1921.

Particulars.	Previous.	1920-1921.	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	55	33	88
Total	160	33	193
Grand Total	33,269	33	33,302

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

Particulars.	CHARGES AGAINST CLOSED SANCTIONS.			CURRENT SANCTIONS.			Total charges to date against old and current sanctions.	REMARKS.	
	Expenditure against construction estimate.	Expenditure against open canal sanction.	Total.	Charges to date.	Amount of sanctioned estimate.	Unspent balance of estimate.		G.O. No. and date.	Amount of estimate.
Direct Charges.	RS.	RS.	RS.				RS.		
Works	2,28,024	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		
Less—Receipts on Capital account	220	..	220	..	..	..	220		
Net Total	2,75,684	3,090	2,78,774	..	..	..	2,78,774		
Indirect Charges.									
Capitalized abatement of land revenue	25,879	467	26,346	..	..	..	26,346		
Leave and pension allowances	6,703	60	6,763	..	..	..	6,763		
Total	32,582	527	33,109	..	..	..	33,109		
Grand Total	3,08,266	3,617	3,11,883	..	..	..	3,11,883		

IRRIGATION BRANCH.

PUBLIC WORKS DEPARTMENT.

PONNALUR TANK—Tank Project.

No. 2.—Capital Account for and to end of 1920-1921.

Heads of account.	DIRECT CHARGES.			Cost of construction as now estimated (construction estimate closed on 31st March 1911).	Expenditure against closed estimate.
	Previous.	1920-1921.	Total.		
I. WORKS—		RS.	RS.	RS.	RS.
(1) <i>Head Works—</i>					
B. Land	20,407	...	20,407	20,407	20,407
C. Works	47,286	...	47,286	47,286	47,286
K. Buildings	411	...	411	411	411
L. Earthwork	73,402	...	73,402	73,402	73,402
O. Miscellaneous	10,211	...	10,211	10,211	10,211
F. Maintenance	1,052	...	1,052	1,052	1,052
Total ...	1,52,769	...	1,52,769	1,52,769	1,52,769
(2) <i>Main Canals and Branches—</i>					
A. Preliminary expenses	...	...	...	...	...
B. Land	...	...	...	...	...
E. Falls and weirs	...	...	...	...	...
F. (1) Other cross drainage works	...	...	...	...	...
G. Bridges	...	...	...	...	...
K. Buildings	...	...	...	...	...
L. Earthwork	...	...	...	...	...
O. Miscellaneous	...	...	...	...	...
P. Maintenance	...	...	...	...	...
Total ...	...	...	...	...	...
(3) <i>Distributaries—</i>					
B. Land	812	...	812	812	812
C. Works	3,959	...	3,959	3,959	3,959
L. Earthwork	1,715	...	1,715	1,715	1,715
O. Miscellaneous	638	...	638	638	638
P. Maintenance	...	...	...	...	...
Total ...	7,124	...	7,124	7,124	7,124
Provision for unforeseen works ...	...	...	...	...	...
Total, Works ...	1,59,893	...	1,59,893	1,59,893	1,59,893
II. ESTABLISHMENT	31,070	...	31,070	31,070	31,070
III. TOOLS AND PLANT	34	...	34	34	34
(a) Grand Total ...	1,90,997	...	1,90,997	1,90,997	1,90,997

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

ADMINISTRATIVE ACCOUNTS FOR THE YEAR 1920-21.

MADRAS PRESIDENCY.

PONNALUR TANK—Tank Project.

No. 3.—Revenue Account for and to end of 1920-1921.

Receipts.	TOTAL.			Charges.	TOTAL.		
	Previous.	1920-1921.	Total.		Previous.	1920-1921.	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	38,250	4,554	42,804	(5) Special tools and plant	...	...	...
Total, Direct Receipts ...	38,426	4,554	42,980	Total ...	...	...	...
II. INDIRECT RECEIPTS—				II. MAINTENANCE AND REPAIRS—			
Share of land revenue collected in the Civil Department	...	...	...	(1) Head works	33,575	2,249	35,824
Total, Public Works and Civil Departments, Revenue	38,426	4,554	42,980	(2) Main canals and branches	18,071	...	18,071
				(3) Distributaries	...	...	...
				(4) Drainage and protective works	...	...	...
				(5) Special tools and plant	...	...	...
				Add—Unclassifiable outlay	...	...	...
				Total ...	51,646	2,249	53,895
				Total, Extensions and Improvements and Maintenance and Repairs	51,646	2,249	53,895
				IV. ESTABLISHMENT	11,215	401	11,616
				V. TOOLS AND PLANT	21	18	39
				VI. REFUNDS OF REVENUE	...	...	...
				Total, Direct Charges ...	62,882	2,668	65,550
				Share of collection charges in the Civil Department	1,914	228	2,142
				Indirect charges	1,571	56	1,627
				Total, Direct and Indirect Charges ...	66,367	2,952	69,319
				Balance, net revenue ...	-27,941	1,602	-26,339
Total, Receipts ...	38,426	4,554	42,980	Grand Total ...	38,426	4,554	42,980

No. 5.—Account of Indirect Charges for and to end of 1920-1921.

Particulars.	Previous.	1920-1921.	Total.
CAPITAL—	RS.	RS.	RS.
Capitalization of abatement of land revenue	21,230	...	21,230
Leave and pension allowances	4,349	...	4,349
Total ...	25,579	...	25,579
REVENUE—			
Leave and pension allowances	1,571	56	1,627
Grand Total ...	27,150	56	27,206

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.		
Works	1,39,349	20,644	1,59,993	..	..	..	1,59,993		
Establishment	27,013	4,057	31,070	..	..	..	31,070		
Tools and plant	..	34	34	..	..	..	34		
Suspense account	..	..	..	..	..	..	..		
Total	1,66,362	24,635	1,90,997	..	..	..	1,90,997		
<i>Less—Receipts on Capital account</i>	..	..	..	..	..	..	..		
Net Total	1,66,362	24,635	1,90,997	..	..	..	1,90,997		
<i>Indirect charges.</i>									
Capitalized abatement of land revenue	21,230	..	21,230	..	..	..	21,230		
Leave and pension allowances	3,781	568	4,349	..	..	..	4,349		
Total	25,011	568	25,579	..	..	..	25,579		
Grand Total	1,91,373	25,203	2,16,576	..	..	..	2,16,576		

ANAMASAMUDRAM-BERAPERU TANK—Tank Project.

No. 2.—Capital Account for and to end of 1920-1921.

Heads of account.	DIRECT CHARGES.			Cost of construction as now estimated (construction estimate closed on 31st March 1910).	Expenditure against closed estimate.
	Previous.	1920-1921.	Total.		
<i>I. WORKS—</i>	RS.	RS.	RS.	RS.	RS.
(2) Main Canals and Branches—					
B. Land	110	..	110	110	110
C. Works	6,282	..	6,282	6,282	6,282
E. 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 1920-21.

MADRAS PRESIDENCY.

ANAMASAMUDRAM-BERAPERU TANK—Tank Project.

No. 3.—Revenue Account for and to end of 1920-1921.

Receipts.	TOTAL.			Charges.	TOTAL.		
	Previous.	1920-1921.	Total.		Previous.	1920-1921.	Total.
	RS.	RS.	RS.		RS.	RS.	RS.
<i>NET RECEIPTS—</i>				<i>I. EXTENSIONS AND IMPROVEMENTS—</i>			
1. Receipts from other canal produce ..	..	..	..	(1) Head works	..	..	..
2. Rents of buildings	..	..	..	(2) Main canals and branches ..	..	..	..
3. Miscellaneous	32	..	32	(3) Distributaries	..	..	..
				(4) Drainage and protective works ..	..	..	..
				(5) Special tools and plant	..	..	..
Total Revenue realized in Public Works Department ..	32	..	32	Total	..	..	..
Irrigation Revenue realized in Civil Department ..	5,320	493	5,813	<i>II. MAINTENANCE AND REPAIRS—</i>			
Total, Direct Receipts	5,352	493	5,845	(1) Head works	..	..	..
<i>INDIRECT RECEIPTS—</i>				(2) Main canals and branches ..	2,871	..	2,871
Share of land revenue collected in the Civil Department ..	12	1	13	(3) Distributaries	..	..	..
				(4) Drainage and protective works ..	..	..	..
				(5) Special tools and plant	..	..	..
				Add—Unclassified outlay	..	..	..
				Total	2,871	..	2,871
Total, Public Works and Civil Departments, Revenue ..	5,364	494	5,858	Total, Extensions and Improvements and Maintenance and Repairs ..	2,871	..	2,871
				<i>IV. ESTABLISHMENT</i>	620	..	620
				<i>V. TOOLS AND PLANT</i>	..	..	..
				<i>VI. REFUNDS OF REVENUE</i>	..	..	..
				Total, Direct Charges	3,491	..	3,491
				Share of collection charges in the Civil department	267	25	292
				Indirect charges	87	..	87
				Total, Direct and Indirect Charges ..	3,845	25	3,870
				<i>Deduct—</i>			
				Old maintenance charges saved to Government	2,891	1,077	3,968
				Net total	954	—1,052	—98
				Balance, net revenue	4,410	1,516	5,956
Total, Receipts	5,364	494	5,858	Grand Total	5,364	494	5,858

<i>Direct—</i>				RS.
Extensions and improvements	..	..	..	28
Maintenance and Repairs	..	..	..	612
Establishment	..	..	..	387
Tools and Plant	..	..	..	4
Total	..	..	..	1,023
Indirect	..	..	..	54
Total	..	..	..	1,077

No. 5.—Account of Indirect Charges for and to end of 1920-1921.

Particulars.	Previous.	1920-1921.	Total.
<i>CAPITAL—</i>			
Capitalization of abatement of land revenue	RS. 30	RS.	RS. 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 sanction.	Total.	Charges to date.	Amount of sanctioned estimate.	Unspent balance of estimate.		G.O. No. and date.	Amount of estimate.
<i>Direct Charges.</i>	RS.	RS.	RS.				RS.		RS.
Works ..	52,139	6,282	58,421	..	..	..	58,421		
Establishment ..	11,915	1,351	13,266	..	..	..	13,266		
Tools and plant ..	..	..	..	..	..	..	..		
Suspense account ..	..	..	..	..	..	..	..		
Total ..	64,054	7,633	71,687	..	..	..	71,687		
Less—Receipts on Capital account ..	..	..	..	..	..	..	..		
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 1920-1921.

Heads of account.	DIRECT CHARGES.			Cost of construction as now estimated (construction estimate closed on 31st March 1907).	Expenditure against closed estimate
	Previous.	1920-1921.	Total.		
I. WORKS—	RS.	RS.	RS.	RS.	RS.
(1) <i>Head Works—</i>					
B. Land ..	..	..	..	..	..
C. Works ..	10,767	..	10,767	10,767	10,767
K. Buildings ..	..	..	..	..	..
L. Earthwork ..	39,452	..	39,452	39,452	39,452
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. LESS—RECEIPTS ON CAPITAL ACCOUNT ..	..	..	..	..	..
(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 1920-21.

MADRAS PRESIDENCY.

YERUR TANK—Tank Project.

No. 3.—Revenue Account for and to end of 1920-1921.

Receipts.	TOTAL.			Charges.	Total.		
	Previous.	1920-21.	Total.		Previous.	1920-21.	Total.
I. DIRECT RECEIPTS—	RS.	RS.	RS.	I. EXTENSIONS AND IMPROVEMENTS—	RS.	RS.	RS.
6. Receipts from other canal produce ..	..	..	..	(1) Head works ..	..	..	..
9. Rents of buildings. ..	..	..	..	(2) Main canals and branches ..	..	..	..
11. Miscellaneous ..	..	..	..	(3) Distributaries ..	..	..	..
				(4) Drainage and protective works. ..	..	..	..
				(5) Special tools and plant ..	..	..	..
Total, Revenue realized in Public Works Department ..	..	..	..	Total ..	..	..	..
Irrigation Revenue realized in Civil Department ..	24,475	3,787	28,262	II. MAINTENANCE AND REPAIRS—			
				(1) Head works ..	9,606	3,519	13,125
Total, Direct Receipts.	24,475	3,787	28,262	(2) Main canals and branches ..	..	..	..
				(3) Distributaries ..	..	..	..
II. INDIRECT RECEIPTS—				(4) Drainage and protective works. ..	..	..	..
Share of land revenue collected in the Civil Department ..	425	64	489	(5) Special tools and plant ..	..	..	..
				Add—Unclassifiable outlay ..	..	..	..
Total, Public Works and Civil Departments, Revenue ..	24,900	3,851	28,751	Total ..	9,606	3,519	13,125
				Total, Extensions and Improvements and Maintenance and Repairs ..	9,606	3,519	13,125
				IV. ESTABLISHMENT ..	1,693	627	2,320
				V. TOOLS AND PLANT ..	30	28	58
				VI. REFUNDS OF REVENUE ..	..	..	..
				Total, Direct Charges ..	11,329	4,174	15,503
				Share of collection charges in the Civil Department ..	1,246	193	1,439
				Indirect charges ..	238	87	325
				Total, Direct and Indirect Charges ..	12,813	4,454	17,267
				Balance, net revenue ..	12,087	603	11,484
Total, Receipts ..	24,900	3,851	28,751	Grand Total ..	24,900	3,851	28,751

No. 5.—Account of Indirect Charges for and to end of 1920-1921.

Particulars.	Previous.	1920-1921.	Total.
CAPITAL—	RS.	RS.	RS.
Leave and pension allowances ..	1,612	..	1,612
Total ..	1,612	..	1,612
REVENUE—			
Leave and pension allowances ..	238	87	325
Grand Total ..	1,850	87	1,937

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	48,303	1,916	50,219	..	..	..	50,219		
Establishment	11,110	412	11,522	..	..	..	11,522		
Tools and plant	..	..	..	..	..	..	..		
Suspense account	..	..	..	..	..	..	..		
Total ..	59,413	2,328	61,741	..	..	..	61,741		
<i>Less—Receipts on capital account</i>	..	..	..	..	..	..	..		
Net Total ..	59,413	2,328	61,741	..	..	..	61,741		
<i>Indirect Charges.</i>									
Capitalized abatement of land revenue	..	..	..	..	..	..	..		
Leave and pension allowances	1,555	57	1,612	..	..	..	1,612		
Total ..	1,555	57	1,612	..	..	..	1,612		
Grand Total ..	60,968	2,385	63,353	..	..	..	63,353		

VAMULA TANK—*Tank Project.*

No. 2.—Capital Account for and to end of 1920-1921.

Heads of account.	DIRECT CHARGES.			Cost of construction as now estimated (construction estimate closed on 31st March 1905).	Expenditure against closed estimate.
	Previous.	1920-1921.	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. <i>Less—RECEIPTS ON CAPITAL ACCOUNT</i>	..	..	..	..	..
(a) Net Total ..	62,186	..	62,186	62,186	62,186

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

ADMINISTRATIVE ACCOUNTS FOR THE YEAR 1920-21.

MADRAS PRESIDENCY.

VAMULA TANK—*Tank Project.*

No. 3.—Revenue Account for and to end of 1920-1921

Receipts.	TOTAL.			Charges.	TOTAL.		
	Previous.	1920-1921.	Total.		Previous.	1920-1921.	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 ..	..	..	..
				(5) Special tools and plant	..	..	..
				Total ..	454	..	454
Total, Revenue realized in Public Works Department ..	..	..	..	<i>II. MAINTENANCE AND REPAIRS—</i>			
Irrigation Revenue realized in Civil Department ..	..	..	..	(1) Head works	..	..	..
				(2) Main canals and branches ..	..	..	..
				(3) Distributaries	..	..	..
Total, Direct Receipts ..	..	..	..	(4) Drainage and protective works ..	..	..	..
<i>II. INDIRECT RECEIPTS—</i>				(5) Special tools and plant	..	..	..
Share of Land Revenue collected in the Civil Department ..	..	..	..	Add—Unclassifiable outlay	..	..	..
				Total ..	..	..	..
Total, Public Works and Civil Departments, Revenue ..	..	..	..	Total, Extensions and Improvements and Maintenance and Repairs ..	454	..	454
				<i>IV. ESTABLISHMENT</i>	34	..	34
				<i>V. TOOLS AND PLANT</i>	..	..	..
				<i>VI. REFUNDS OF REVENUE</i>	..	..	..
				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 1920-1921

Particulars.	Previous.	1920-1921.	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.			
Direct Charges.	Rs.	Rs.	Rs.				Rs.		
Works	50,961	..	50,961	..	..	..	50,961		
Establishment	11,225	..	11,225	..	..	..	11,225		
Tools and plant	..	..	..	..	..	..	..		
Suspense account	..	..	..	..	..	..	..		
Total	62,186	..	62,186	..	..	..	62,186		
Less—Receipts on Capital Account	..	..	..	..	..	..	..		
Net Total	62,186	..	62,186	..	..	..	62,186		
Indirect Charges.									
Capitalized abatement of land revenue	..	..	..	..	..	..	..		
Leave and pension allowances	1,571	..	1,571	..	..	..	1,571		
Total	1,571	..	1,571	..	..	..	1,571		
Grand Total	63,757	..	63,757	..	..	..	63,757		

SAGILERU SYSTEM—Canal Project.

No. 2.—Capital Account for and to end of 1920-1921.

Heads of account.	DIRECT CHARGES.			Cost of construction as now estimated (construction estimate closed on 31st March 1907).	Expenditure against closed estimate.
	Previous.	1920-1921.	Total.		
I. WORKS—					
(1) Head Works—	Rs.		Rs.	Rs.	Rs.
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) Main Canals and Branches—					
B. Land	2,804	..	2,804	2,804	2,804
D. Regulators	25,785	..	25,785	25,785	25,785
E. (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) Distributaries—					
L. Earthwork	..	..	..	..	..
Total	..	..	..	..	..
(5) Special tools and plant	..	..	..	..	..
Provision for unforeseen works	..	..	..	..	..
II. ESTABLISHMENT	3,54,321	..	3,54,321	3,54,321	3,54,321
III. TOOLS AND PLANT	80,339	..	80,339	80,339	80,339
IV. LESS—RECEIPTS ON CAPITAL ACCOUNT	12,449	..	12,449	12,449	12,449
Grand Total	4,47,109	..	4,47,109	4,47,109	4,47,109
(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 1920-21.

MADRAS PRESIDENCY.

SAGILERU SYSTEM—Canal Project.

No. 3.—Revenue Account for and to end of 1920-1921.

Receipts.	TOTAL.			Charges.	TOTAL.		
	Previous.	1920-1921.	Total.		Previous.	1920-1921.	Total.
I. DIRECT RECEIPTS—	Rs.	Rs.	Rs.	I. EXTENSIONS AND IMPROVEMENTS—	Rs.	Rs.	Rs.
5. Receipts from plantations	44	3	47	(1) Head works	108	..	108
6. Receipts from other canal produce ..	62	..	62	(2) Main canals and branches ..	6,863	385	7,248
9. Rents of buildings	396	30	396	(3) Distributaries	688	..	688
11. Miscellaneous and other receipts ..	123	..	123	(4) Drainage and protective works ..	..	..	..
				(5) Special tools and plant	..	..	..
				Total	7,659	385	8,044
Total, Revenue realized in Public Works Department ..	595	33	628	II. MAINTENANCE AND REPAIRS—			
Irrigation Revenue realized in Civil Department ..	69,846	6,622	63,224	(1) Head works	3,240	..	3,240
Total, Direct Receipts	70,441	6,589	63,852	(2) Main canals and branches ..	49,571	3,265	53,256
II. INDIRECT RECEIPTS—				(3) Distributaries	3,188	..	3,188
Share of Land Revenue collected in the Civil Department ..	176	4	180	(4) Drainage and protective works ..	..	..	..
				(5) Special tools and plant	..	..	..
Total, Public Works and Civil Departments, Revenue ..	70,617	6,585	64,032	Add—Unclassifiable outlay	..	..	..
				Total	56,399	3,265	59,664
				Total, Extensions and Improvements and Maintenance and Repairs ..	64,058	3,670	67,728
				IV. ESTABLISHMENT	15,909	2,482	18,391
				V. TOOLS AND PLANT	227	36	263
				VI. REFUNDS OF REVENUE	..	..	..
				Total, Direct Charges	80,194	6,168	86,362
				Share of collection charges in the Civil department	3,500	— 331	3,169
				Indirect charges	2,226	348	2,574
				Total, Direct and Indirect Charges ..	85,920	6,205	92,125
				Deduct old maintenance charges saved to Government ..	13,271	3,891	17,162
					72,649	2,314	74,963
				Balance, net revenue	— 2,032	— 8,899	— 10,931
Total, Receipts	70,617	6,585	64,032	Grand Total	70,617	6,585	64,032

* Direct—							Rs.
Extensions and Improvements	..	..	..	..	..	..	500
Maintenance and Repairs	..	..	..	..	..	..	1,685
Establishment	..	..	..	..	..	..	1,478
Tools and plant	..	..	..	..	..	..	2
Indirect	..	..	..	..	..	..	3,684
							207
							3,891

No. 5.—Account of Indirect Charges for and to end of 1920-1921.

Particulars.	Previous.	1920-1921.	Total.
CAPITAL—			
Capitalization of abatement of land revenue	Rs. 6,372	Rs.	Rs.
Leave and pension allowances	11,247	..	11,247
Total	17,619	..	17,619
REVENUE—			
Leave and pension allowances	2,226	348	2,574
Grand Total	19,845	348	20,193

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 1920–1921.

Heads of account.	DIRECT CHARGES.			Cost of construction as now estimated (construction estimate closed on 31st March 1907).	Expenditure against closed estimate.
	Previous.	1920–1921.	Total.		
I. WORKS—	RS.		RS.	RS.	RS.
(2) <i>Main Canals and Branches—</i>					
B. Land ..	5,635	..	5,635	5,635	5,635
C. Works ..	4,840	..	4,840	4,840	4,840
K. Buildings ..	..	..	..	..	..
L. Earthwork ..	37,954	..	37,954	37,954	37,954
O. Miscellaneous ..	..	..	..	..	..
Total ..	48,438	..	48,438	48,438	48,438
(3) <i>Distributaries—</i>					
B. Land ..	..	..	..	..	..
C. Works ..	..	..	..	..	..
L. Earthwork ..	5,910	..	5,910	5,910	5,910
O. Miscellaneous ..	..	..	..	..	..
Total ..	5,910	..	5,910	5,910	5,910
(5) <i>Special tools and plant—</i>					
Provision for unforeseen works ..	..	..	..	..	..
Total Works ..	54,348	..	54,348	54,348	54,348
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. LESS—RECEIPTS ON CAPITAL ACCOUNT					
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 1920–21.

MADRAS PRESIDENCY.

TALAPULA VANKA TANK—Tank Project.

No. 5.—Account of Indirect Charges for and to end of 1920–1921.

Particulars.	Previous.	1920–1921.	Total.
CAPITAL—	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 1920–1921.

Heads of account.	DIRECT CHARGES.			Cost of construction as now estimated (construction estimate closed on 31st March 1896).	Expenditure against closed estimate.
	Previous.	1920–1921.	Total.		
I. WORKS—	RS.		RS.	RS.	RS.
(2) <i>Main Canals and Branches—</i>					
L. Earthwork ..	27,401	..	27,401	27,401	27,401
N. Tanks and reservoirs ..	9,913	..	9,913	9,913	9,913
Total ..	37,314	..	37,314	37,314	37,314
(3) <i>Distributaries—</i>					
B. Land ..	1,136	..	1,136	1,136	1,136
C. Works ..	26,713	..	26,713	26,713	26,713
L. Earthwork ..	3,051	..	3,051	3,051	3,051
O. Miscellaneous ..	487	..	487	487	487
Total ..	31,387	..	31,387	31,387	31,387
(5) <i>Special tools and plant—</i>					
Total, Works ..	68,701	..	68,701	68,701	68,701
II. ESTABLISHMENT ..	15,284	..	15,284	15,284	15,284
III. TOOLS AND PLANT ..	..	..	..	..	..
Grand Total ..	83,985	..	83,985	83,985	83,985
V. LESS—RECEIPTS ON CAPITAL ACCOUNT					
(a) Net Total ..	83,985	..	83,985	83,985	83,985

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

IRRIGATION BRANCH.

PUBLIC WORKS DEPARTMENT.

CUMBUM TANK—Tank Project.

No. 3.—Revenue Accounts for and to end of 1920-1921.

Receipts.	TOTAL.			Charges.	TOTAL.		
	Previous.	1920-1921.	Total.		Previous.	1920-1921.	Total.
I. DIRECT RECEIPTS—							
6. Other canal produce.	111	..	111				
11. Miscellaneous ..	..	11	11				
Total, Revenue realized in Public Works Department ..	111	11	122				
Irrigation Revenue realized in Civil Department ..	2,80,070	21,475	2,58,595				
Total, Direct Receipts.	2,80,181	21,464	2,58,717				
II. INDIRECT RECEIPTS—							
Share of Land Revenue collected in the Civil Department ..	20,479	461	20,940				
Total, Public Works and Civil Departments, Revenue ..	3,00,660	21,003	2,79,657				
				I. EXTENSIONS AND IMPROVEMENTS—			
				(1) Head works ..	319	61	380
				(2) Main canals and branches ..	1,933	..	1,933
				(3) Distributaries ..	5,140	..	5,140
				(4) Drainage and protective works ..	..	..	..
				(5) Special tools and plant ..	..	..	..
				Add—Unclassifiable outlay ..	7,185	..	7,185
				Total ..	14,578	61	14,639
				II. MAINTENANCE AND REPAIRS—			
				(1) Head works ..	1,902	..	1,902
				(2) Main canals and branches ..	22,541	717	23,258
				(3) Distributaries ..	22,114	..	22,114
				(4) Drainage and protective works ..	1,047	..	1,047
				(5) Special tools and plant ..	..	..	..
				Add—Unclassifiable outlay ..	24,128	..	24,128
				Total ..	71,732	717	72,449
				Total, Extensions and Improvements and Maintenance and Repairs.	86,310	778	87,088
				IV. ESTABLISHMENT ..	23,374	527	23,901
				V. TOOLS AND PLANT ..	738	8	746
				VI. REFUNDS OF REVENUE ..	..	..	..
				Total, Direct Charges ..	1,10,422	1,313	1,11,735
				Share of collection charges in the Civil department ..	15,027	1,050	13,977
				Indirect charges ..	6,037	74	6,111
				Total, Direct and Indirect Charges.	1,31,486	337	1,31,823
				(a) Deduct—Old maintenance charges saved to Government ..	20,969	1,413	22,382
				Net Total ..	1,10,517	1,076	1,09,441
				Balance, net revenue ..	1,90,143	19,927	1,70,216
Total, Receipts ..	3,00,660	21,003	2,79,657	Grand Total ..	3,00,660	21,003	2,79,657

(a) Extensions and Improvements ..	793
Maintenance and Repairs ..	537
Establishment ..	8
Tools and plant ..	..
Total, Direct charges ..	1,338
Indirect charges ..	75
Grand Total ..	1,413

No. 5.—Account of Indirect Charges for and to end of 1920-1921.

Particulars.	Previous.	1920-1921.	Total
CAPITAL—			
Capitalization of abatement of Land Revenue ..	206	..	206
Leave and pension allowances ..	2,182	..	2,182
Total ..	2,388	..	2,388
REVENUE—			
Capitalization of abatement of Land Revenue ..	2,764	..	2,764
Leave and pension allowances ..	3,273	74	3,347
Total ..	6,037	74	6,111
Grand Total ..	8,425	74	8,499

ADMINISTRATIVE ACCOUNTS FOR THE YEAR 1920-21.

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.
Direct Charges.									
Works ..	37,314	31,887	68,701	..	..	..	68,701		
Establishment ..	8,495	6,789	15,284	..	..	..	15,284		
Tools and plant ..	..	..	..	..	..	..	..		
Suspense account ..	..	..	..	..	..	..	..		
Total ..	45,809	38,176	83,985	..	..	..	83,985		
Less—Receipts on Capital account.	..	..	..	..	..	..	..		
Net Total ..	45,809	38,176	83,985	..	..	..	83,985		
Indirect Charges.									
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 1920-1921.

Heads of account.	DIRECT CHARGES.			Cost of construction as now estimated. Construction estimate closed on 31st March 1911.	Expenditure against closed estimate.
	Previous.	1920-1921.	Total.		
I. WORKS—					
(1) Head Works—					
B. Land ..	163	..	163	163	163
C. Works ..	41,177	..	41,177	41,177	41,177
K. Buildings ..	..	..	..	..	..
L. Earthwork ..	..	..	..	..	..
O. Miscellaneous ..	..	..	..	..	..
Total ..	41,340	..	41,340	41,340	41,340
(2) Main Canals and Branches—					
B. Land ..	2,499	..	2,499	2,499	2,499
C. Works ..	8,949	..	8,949	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."

IRRIGATION BRANCH.

PUBLIC WORKS DEPARTMENT.

MARKAPUR TANK PROJECT—*Tank Project.*

No. 3.—Revenue Account for and to end of 1920-1921.

Receipts.	TOTAL.			Charges.	TOTAL.		
	Previous.	1920-1921.	Total.		Previous.	1920-1921.	Total.
	RS.	RS.	RS.		RS.	RS.	RS.
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 ..	3,031	294	3,325
11. Miscellaneous ..	113	120	233	(3) Distributaries ..	23	..	23
				(4) Drainage and protective works ..	..	..	..
Total, Revenue realized in Public Works Department ..	154	120	274	(5) Special tools and plant ..	..	..	..
Irrigation Revenue realized in Civil Department ..	44,563	2,371	46,934	Total ..	3,663	294	3,957
Total, Direct Receipts ..	44,717	2,491	47,208				
II. INDIRECT RECEIPTS—				II. MAINTENANCE AND REPAIRS—			
Share of Land Revenue collected in the Civil Department ..	8	1	9	(1) Head works ..	6,054	816	6,870
				(2) Main canals and branches ..	6,748	..	6,748
Total, Public Works and Civil Departments, Revenue ..	44,725	2,492	47,217	(3) Distributaries ..	..	168	168
				(4) Drainage and protective works ..	..	..	..
				(5) Special tools and plant ..	..	..	..
				Add—Unclassifiable outlay ..	..	..	..
				Total ..	12,802	884	13,786
				Total, Extensions and Improvements and Maintenance and Repairs ..	16,165	1,278	17,443
				IV. ESTABLISHMENT ..	5,434	864	6,298
				V. TOOLS AND PLANT ..	43	12	55
				VI. REFUNDS OF REVENUE ..	..	..	..
				Total, Direct Charges ..	21,942	2,154	24,096
				Share of collection charges in the Civil Department ..	2,226	119	2,345
				Indirect Charges * ..	760	121	881
				Total, Direct and Indirect Charges ..	24,928	2,394	27,322
				Deduct—Old maintenance charges saved to Government * ..	1,471	431	1,902
				Net Total ..	23,457	1,963	25,420
				Balance, net revenue ..	21,268	529	21,797
Total, Receipts ..	44,725	2,492	47,217	Grand Total ..	44,725	2,492	47,217

Direct—	RS.
Extensions and improvements ..	429
Maintenance and repairs ..	213
Establishment ..	164
Tools and plant ..	2
Total ..	408
Indirect ..	23
Total ..	431

No. 5.—Account of Indirect Charges for and to end of 1920-1921.

Particulars.	Previous.	1920-1921.	Total.
	RS.	RS.	RS.
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 ..	760	121	881
Total ..	760	121	881
Grand Total ..	4,761	121	4,882

ADMINISTRATIVE ACCOUNTS FOR THE YEAR 1920-21.

MADRAS PRESIDENCY.

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.	RS.	RS.	RS.				RS.		
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 1920-1921.

Heads of account.	DIRECT CHARGES.			Cost of construction as now estimated.	Expenditure against closed estimate.
	Previous.	1920-1921.	Total.		
I. WORKS—	RS.	RS.	RS.	RS.	
(1) Head Works—					
B. Land ..	13,755	..	13,755	13,755	..
C. Works ..	13,096	6	13,102	18,778	..
L. Earthwork ..	1,40,081	6	1,40,087	1,40,145	..
O. Miscellaneous ..	11,082	3	11,085	12,710	..
Total ..	1,84,014	15	1,84,029	1,85,388	..
(3) Distributaries—					
B. Land ..	1,017	..	1,017	695	..
C. Works ..	4,827	9	4,836	2,601	..
L. Earthwork ..	1,410	..	1,410	2,014	..
O. Miscellaneous ..	..	..	..	..	..
Total ..	7,254	9	7,263	5,310	..
(5) Special tools and plant.	..	..	..	..	..
Provision for unforeseen works ..	..	..	..	..	..
Total Works ..	1,91,268	24	1,91,292	1,90,698	..
II. ESTABLISHMENT ..	41,140	16	41,156	37,893	..
III. TOOLS AND PLANT ..	7,087	..	7,087	7,120	..
Grand Total ..	2,39,495	40	2,39,535	2,35,711	..
V. Less—RECEIPTS ON CAPITAL ACCOUNT ..	343	..	343	..	..
Net Total * ..	2,39,152	40	2,39,192	2,35,711	..

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

IRRIGATION BRANCH.

PUBLIC WORKS DEPARTMENT.

YELLANUR TANK PROJECT—*Tank Project.*

No. 3.—Revenue Account for and to end of 1920-1921.

Receipts.	TOTAL.			Charges.	TOTAL.		
	Previous.	1920-1921.	Total.		Previous.	1920-1921.	Total.
		RS.	RS.		RS.	RS.	RS.
Direct Receipts—				I. EXTENSIONS AND IMPROVEMENTS—			
6. Receipts from other canal produce ..	..	..	..	(1) Head works	..	..	..
9. Rents of buildings. ..	..	..	..	(2) Main canals and branches ..	..	..	..
11. Miscellaneous ..	..	..	..	(3) Distributaries	13	6	19
				(4) Drainage and protective works ..	..	..	..
				(5) Special tools and plant ..	..	..	..
				Total ..	13	6	19
Total, Revenue realized in Public Works Department ..	..	..	..	II. MAINTENANCE AND REPAIRS—			
Irrigation Revenue realized in Civil Department ..	..	..	..	(1) Head works	..	150	150
				(2) Main canals and branches ..	..	..	..
				(3) Distributaries	242	..	242
				(4) Drainage and protective works ..	..	..	..
				(5) Special tools and plant ..	..	..	..
Total, Direct Receipts ..	..	..	..	Add—Unclassifiable outlay ..	..	..	..
II. INDIRECT RECEIPTS—				Total ..	242	150	392
Share of land revenue collected in the Civil Department ..	..	2,245	2,245	Total, Extensions and Improvements and Maintenance and Repairs ..	255	150	411
Total, (Public Works and Civil Departments, Revenue ..	..	2,245	2,245	IV. ESTABLISHMENT ..	179	100	284
				V. TOOLS AND PLANT ..	3	1	4
				VI. REFUNDS OF REVENUE ..	..	..	..
				Total, Direct Charges ..	437	202	699
				Share of collection charges in the Civil department ..	..	112	112
				Indirect charges	25	15	40
				Total, Direct and Indirect Charges.	452	389	851
				* Deduct—			
				Old maintenance charges saved to Government ..	..	..	..
				Net total ..	452	389	851
				Balance, net revenue ..	— 462	1,856	1,394
Total, Receipts ..	..	2,245	2,245	Grand Total ..	..	2,245	2,245

YELLANUR TANK PROJECT—*Tank Project.*

No. 5.—Account of Indirect Charges for and to end of 1920-1921.

Particulars.	Previous.	1920-1921.	Total.
CAPITAL—			
Capitalization of abatement of land revenue ..	RS. 24,753	RS. ..	RS. 24,753
Leave and pension allowances	5,760	2	5,762
Total ..	30,513	2	30,515
REVENUE—			
Leave and pension allowances ..	25	15	40
Grand total ..	30,538	17	30,555

ADMINISTRATIVE ACCOUNTS FOR THE YEAR 1920-21:

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.	
	Expenditure against construction estimate.	Expenditure against open canal sanction.	Total.	Charges to date.	Amount of sanctioned estimate.	Unspent balance of estimate.		G.O. No. and date.	Amount of estimate.
Direct Charges.									
Works	RS. 1,91,292	RS. 1,90,698	RS. 3,81,990	RS. 1,91,292	RS. 1,90,698	RS. 594	RS. 1,91,292	Direct. 25 I., 16th Jan. 1918.	RS. 1,90,698
Establishment	41,156	37,393	78,549	41,156	37,393	3,763	41,156		
Tools and plant	7,087	7,120	14,207	7,087	7,120	33	7,087		
Suspense account	..	..	..	..	..	..	..		
Total ..	2,39,535	2,35,711	4,75,246	2,39,535	2,35,711	3,824	2,39,535		
Less—Receipts on Capital account ..	..	..	..	343	..	343	343		
Net Total ..	2,39,192	2,35,711	4,74,903	2,39,192	2,35,711	3,481	2,39,192		
Indirect Charges.									
Capitalized abatement of land revenue	24,753	24,784	49,537	24,753	24,784	31	24,753	Indirect. 25 I., 16th Jan. 1918.	30,729
Leave and pension allowances	5,762	5,305	11,067	5,762	5,305	457	5,762		
Total ..	30,515	30,089	60,604	30,515	30,089	428	30,515		
Grand Total ..	2,69,707	2,65,800	5,35,507	2,69,707	2,65,800	3,907	2,69,707		

KOCHEERUVU TANK PROJECT—*Tank Project.*

No. 2.—Capital Account for and to end of 1920-1921.

Heads of account.	DIRECT CHARGES.			Cost of construction as now estimated.	Expenditure against closed estimate.
	Previous.	1920-1921.	Total.		
I. WORKS—					
(1) Head Works—					
B. Land	9,714	..	9,714	9,714	..
C. Works	39,331	..	39,331	39,331	..
K. Buildings	1,238	..	1,238	1,238	..
L. Earthwork	42,981	..	42,981	42,981	..
O. Miscellaneous	17	..	17	1,326	..
P. Maintenance	..	..	..	..	..
Total ..	93,281	..	93,281	94,020	..
(2) Main Canals and Branches—					
B. Land	..	..	..	350	..
C. Works	..	..	..	..	..
D. Regulators	2,339	..	2,339	2,695	..
L. Earthwork	5,826	..	5,826	3,700	..
O. Miscellaneous	15	..	15	30	..
Total ..	8,190	..	8,190	6,775	..
(3) Special tools and plant					
Provision for unforeseen works	..	..	..	100	..
Total, Works ..	1,01,461	..	1,01,461	1,00,895	..
II. ESTABLISHMENT ..	22,158	..	22,158	20,891	..
III. TOOLS AND PLANT ..	1,046	..	1,046	1,014	..
Grand Total ..	1,24,665	..	1,24,665	1,22,800	..
V. Less—Receipts on Capital account ..	10	50	60	..	..
Net Total ..	1,24,655	— 50	1,24,605	1,22,800	..

* Chargeable to "43. Minor Works and Navigation—Provincial."
NOTE.—Excess expenditure over the estimate is small.

IRRIGATION BRANCH.

PUBLIC WORKS DEPARTMENT.

KOCHERUVU TANK PROJECT—*Tank Project.*

No. 3.—Revenue Account for and to end of 1920-1921.

Receipts.	TOTAL.			Charges.	TOTAL.		
	Previous.	1920-1921.	Total.		Previous.	1920-1921.	Total.
		RS.	RS.			RS.	RS.
DIRECT RECEIPTS—				I. EXTENSIONS AND IMPROVEMENTS—			
6. Receipts from other canal produce ..	..	..	..	(1) Head works	90	..	90
9. Rents of buildings ..	..	..	..	(2) Main canals and branches ..	..	..	..
11. Miscellaneous ..	..	21	21	(3) Distributaries ..	..	..	..
				(4) Drainage and protective works ..	..	..	..
				(5) Special tools and plant ..	..	..	..
Total, Revenue realized in Public Works Department ..	..	21	21	Total ..	90	..	90
Irrigation Revenue realized in Civil Department ..	..	..	..	II. MAINTENANCE AND REPAIRS—			
				(1) Head works	3,651	267	3,918
				(2) Main canals and branches ..	..	..	..
				(3) Distributaries ..	..	..	..
				(4) Drainage and protective works ..	..	..	..
				(5) Special tools and plant ..	..	..	..
Total, Direct Receipts ..	..	21	21	Add—Unclassifiable outlay ..	..	..	..
II. INDIRECT RECEIPTS—				Total ..	3,651	267	3,918
Share of Land Revenue collected in the Civil Department ..	..	..	..				
				Total, Extensions and Improvements and Maintenance and Repairs ..	3,741	267	4,008
				IV. ESTABLISHMENT	2,630	181	2,811
Total, Public Works and Civil Departments, Revenue ..	..	21	21	V. TOOLS AND PLANT	38	3	41
				VI. REFUNDS OF REVENUE	..	4	4
				Total, Direct Charges ..	6,409	455	6,864
				Share of collection charges in the Civil Department ..	..	..	..
				Indirect charges ..	368	25	393
				Total, Direct and Indirect Charges ..	6,777	480	7,257
				Balance, net revenue ..	- 6,777	- 459	- 7,236
Total, Receipts ..	..	21	21	Grand Total ..	..	21	21

ADMINISTRATIVE ACCOUNTS FOR THE YEAR 1920-21.

MADRAS PRESIDENCY.

KOCHERUVU TANK PROJECT—*Tank Project.*

No. 5.—Account of Indirect Charges for and to end of 1920-1921.

Particulars.	Previous.	1920-1921.	Total.
CAPITAL—	Rs.	Rs.	Rs.
Capitalization of abatement of land revenue ..	8,027	..	8,027
Leave and pension allowances	3,102	..	3,102
Total ..	11,129	..	11,129
REVENUE—			
Leave and pension allowances	368	25	393
	368	25	393
Grand total ..	11,497	25	11,522

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	..	..	..	1,01,461	1,00,895	— 566	1,01,461	183 I., 25th March 1913.	1,00,895
Establishment	..	..	..	22,158	20,891	— 1,267	22,158		
Tools and plant	..	..	..	1,046	1,014	— 32	1,046		
Suspense account	..	..	..	..	..	..	..		
Total ..	..	..	..	1,24,665	1,22,800	— 1,865	1,24,665		
<i>Less—Receipts on Capital Account...</i>	..	..	..	60	..	— 60	60		
Net Total ..	..	..	..	1,24,605	1,22,800	— 1,805	1,24,605		
<i>Indirect Charges.</i>									
Capitalized abatement of land revenue ..	..	..	..	8,027	5,770	— 2,257	8,027	<i>Indirect Charges.</i>	8,700
Leave and pension allowances ..	..	..	..	3,102	2,930	— 172	3,102	183 I., 25th March 1913.	
Total ..	..	..	..	11,129	8,700	— 2,429	11,129		
Grand Total ..	..	..	..	1,35,734	1,31,500	— 4,234	1,35,734		

IRRIGATION BRANCH.

PUBLIC WORKS DEPARTMENT.

SIDDAPUR TANK PROJECT—*Tank Project.*

No. 2.—Capital Account for and to end of 1920-1921.

Head of account.	DIRECT CHARGES.			Cost of construction as now estimated.	Expenditure against closed estimate.
	Previous.	1920-1921.	Total.		
I. WORKS—	Rs.	Rs.	Rs.	Rs.	
(1) <i>Head Works—</i>					
A. Preliminary expenses (old outlay) * ...	6,463	...	6,463	5,000	...
C. Works ...	24,847	...	24,847	26,600	...
K. Buildings ...	3,393	— 1,000	2,393	3,070	...
L. Earthwork ...	5,22,671	1,504	5,24,175	5,24,400	...
O. Miscellaneous ...	14	...	14	...	...
P. Maintenance ...	2,775	...	2,775	3,000	...
Total ...	5,60,163	504	5,60,667	5,62,070	...
(2) <i>Main Canals and Branches—</i>					
B. Land ...	...	...	...	700	...
D. Regulators ...	...	...	...	2,380	...
E. Falls and Weirs ...	11,896	54	11,950	6,900	...
L. Earthwork ...	6,014	...	6,014	9,800	...
O. Miscellaneous ...	...	...	...	10,400	...
Total ...	17,910	54	17,964	30,180	...
(3) <i>Distributaries—</i>					
B. Land ...	...	1,023	1,023	500	...
O. Works ...	1,005	— 1,005	...	1,130	...
L. Earthwork ...	...	...	...	5,520	...
O. Miscellaneous ...	...	...	...	600	...
Total ...	1,005	18	1,023	7,750	...
(5) <i>Special tools and plant.</i>	— 49,802	— 4,288	— 54,090	...	...
Provision for unforeseen works ...	...	...	...	...	...
Total works ...	5,29,276	— 3,712	5,25,564	6,00,000	...
II. ESTABLISHMENT ...	1,01,612	— 2,510	99,102	1,36,574	...
III. TOOLS AND PLANT ...	1,72,552	— 36	1,72,516	1,85,406	...
Total ...	8,03,440	— 6,258	7,97,182	9,21,980	...
V. <i>Less—RECEIPTS ON CAPITAL ACCOUNT</i> ...	407	...	407	...	...
Not Total ...	8,03,033	— 6,258	7,96,775	9,21,980	...
Chargeable to 35. Protective Irrigation Works ...	5,000	...	5,000	...	...
Chargeable to 43. Minor Works and Navigation—Provincial ...	7,98,033	— 6,258	7,91,775	...	...
	8,03,033	— 6,258	7,96,775	...	...

* Represents expenditure incurred on preliminary investigation, etc.

ADMINISTRATIVE ACCOUNTS FOR THE YEAR 1920-21.

MADRAS PRESIDENCY.

SIDDAPUR TANK PROJECT—*Tank Project.*

No. 3.—Revenue Account for and to end of 1920-1921.

Receipts.	TOTAL.			Charges.	TOTAL.		
	Previous.	1920-1921.	Total.		Previous.	1920-1921.	Total.
DIRECT RECEIPTS—				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 ...	...	208	208
11. Miscellaneous ...	...	...	...	(3) Distributaries ...	...	...	...
Total, Revenue realized in Public Works Department ...	...	...	...	(4) Drainage and protective works ...	...	...	...
Revenue realized in Civil Department ...	...	...	...	(5) Special tools and plant ...	...	...	...
Total, Direct Receipts ...	...	...	...	Total ...	...	208	208
INDIRECT RECEIPTS—				II. MAINTENANCE AND REPAIRS—			
Share of Land Revenue collected in the Civil Department ...	...	...	...	(1) Head works ...	456	579	1,035
Total, Indirect Receipts ...	...	...	...	(2) Main canals and branches ...	...	87	87
				(3) Distributaries ...	...	...	...
				(4) Drainage and protective works ...	...	...	...
				(5) Special tools and plant ...	...	...	...
				Add—Unclassifiable outlay ...	...	...	...
				Total ...	456	666	1,122
Total, Public Works and Civil Departments, Revenue ...	...	...	...	Total, Extensions and Improvements and Maintenance and Repairs ...	456	874	1,330
				IV. ESTABLISHMENT ...	321	592	913
				V. TOOLS AND PLANT ...	5	8	13
				VI. REFUNDS OF REVENUE ...	...	...	...
				Total, Direct Charges ...	782	1,474	2,256
				Share of collection charges in the Civil Department ...	...	...	...
				Indirect Charges ...	45	83	128
				Total, Direct and Indirect Charges ...	827	1,557	2,384
				Balance, net revenue ...	— 827	— 1,557	— 2,384
Total, Receipts ...	...	...	...	Grand Total ...	...	...	...

IRRIGATION BRANCH.

PUBLIC WORKS DEPARTMENT.

SIDDAPUR TANK PROJECT—*Tank Project.*

No. 5.—Account of Indirect Charges for and to end of 1920-1921.

Particulars.	Previous.	1920-1921.	Total.
CAPITAL—	Rs.	Rs.	Rs.
Capitalization of abatement of land revenue	...	...	...
Leave and pension allowances	14,225	— 351	13,874
Total ...	14,225	— 351	13,874
REVENUE—			
Capitalization of abatement of land revenue	...	...	...
Leave and pension allowances	45	83	128
Total ...	45	83	128
Grand Total ...	14,270	— 268	14,002

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

Particulars.	CHARGES AGAINST CLOSED SANCTIONS.			CURRENT SANCTIONS.			Total charges to date against old and current sanction.	REMARKS.	
	Expenditure against construction estimate.	Expenditure against open canal sanction.	Total.	Charges to date.	Amount of sanctioned estimate.	Unspent balance of estimate.		G.O. No. and date.	Amount of estimate.
Direct Charges.				Rs.	Rs.	Rs.	Rs.		Rs.
Works	...	...	...	5,25,564	6,00,000	74,436	5,25,564	435 L, 20th December 1918.	6,00,000
Establishment	...	...	...	99,102	1,36,574	37,472	99,102		
Tools and plant.	...	...	...	1,72,516	1,85,406	12,890	1,72,516		
Suspense account.	...	...	...	...	...	...	...		
Total ...	...	...	...	7,97,182	9,21,980	1,24,798	7,97,182		
Less—Receipts on capital account.	...	...	...	407	...	— 407	407	435 L, 20th December 1918.	26,620
Net Total ...	...	...	...	7,96,775	9,21,980	1,25,205	7,96,775		
Indirect Charges.									
Capitalized abatement of land revenue	...	...	...	...	7,500	7,500	...		
Leave and pension allowances	...	...	...	13,874	19,120	5,246	13,874		
Total ...	...	...	...	13,874	26,620	12,746	13,874		
Grand Total ...	...	...	...	8,10,649	9,48,600	1,37,951	8,10,649		

ADMINISTRATIVE ACCOUNTS FOR THE YEAR 1920-21.

MADEAS PRESIDENCY.

NAGAVARAM ANICUT AND SUPPLY CHANNEL—*Tank Project.*

No. 2.—Capital Account for and to end of 1920-1921.

Heads of account.	DIRECT CHARGES:			Cost of construction as now estimated (construction estimate closed on 31st December 1918).	Expenditure against closed estimate.
	Previous.	1920-1921.	Total.		
I. WORKS—	Rs.	Rs.	Rs.	Rs.	
(1) <i>Head Works—</i>					
B. Land	...	...	...	...	...
C. Works	67,685	— 2	67,683	67,683	67,683
K. Buildings	...	...	...	...	...
L. Earthwork	...	...	...	...	...
O. Miscellaneous	...	...	...	...	...
P. Maintenance	...	...	...	...	...
Total ...	67,685	— 2	67,683	67,683	67,683
(2) <i>Main Canals and Branches—</i>					
A. Preliminary expenses	...	...	...	...	...
B. Land	445	...	445	445	445
E. Falls and weirs	33	— 33	...	...	...
F. (1) Other cross drainage works	13,183	34	13,217	13,217	13,217
G. Bridges	1,261	1	1,262	1,262	1,262
K. Buildings	1,983	...	1,983	1,983	1,983
L. Earthwork	4,167	...	4,167	4,167	4,167
O. Miscellaneous	...	...	...	...	...
P. Maintenance	...	...	...	...	...
Total ...	21,072	2	21,074	21,074	21,074
(3) <i>Distributaries—</i>					
B. Land	...	...	...	...	...
C. Works	...	...	...	...	...
L. Earthwork	...	...	...	...	...
O. Miscellaneous	...	...	...	...	...
P. Maintenance	...	...	...	...	...
Total ...	...	...	...	...	...
Provision for unforeseen works	...	...	...	...	...
Total, Works ...	88,757	...	88,757	88,757	88,757
II. ESTABLISHMENT ...	18,538	...	18,538	18,538	18,538
III. TOOLS AND PLANT ...	...	...	...	...	...
* Grand Total ...	1,07,295	...	1,07,295	1,07,295	1,07,295

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

IRRIGATION BRANCH.

PUBLIC WORKS DEPARTMENT.

NAGAVARAM ANICUT AND SUPPLY CHANNEL—*Tank Project.*

No. 3.—Revenue Account for and to end of 1920-1921.

Receipts.	TOTAL.			Charges.	TOTAL.		
	Previous.	1920-1921.	Total.		Previous.	1920-1921.	Total.
		RS.	RS.			RS.	RS.
DIRECT RECEIPTS—				I. EXTENSIONS AND IMPROVEMENTS—			
6. Receipts from other canal produce ..	..	..	..	(1) Head works	..	..	..
9. Rents of buildings. ..	..	..	..	(2) Main canals and branches ..	..	..	..
11. Miscellaneous ..	..	..	..	(3) Distributaries	..	..	..
				(4) Drainage and protective works.	..	..	..
				(5) Special tools and plant ..	..	..	..
				Total ..	..	..	..
Total, Revenue realized in Public Works Department ..	..	..	..	II. MAINTENANCE AND REPAIRS—			
Irrigation Revenue realized in Civil Department ..	..	1,667	1,667	(1) Head works	..	..	..
				(2) Main canals and branches ..	..	..	..
				(3) Distributaries	..	..	..
Total, Direct Receipts. ..	..	1,667	1,667	(4) Drainage and protective works.	..	..	..
II. INDIRECT RECEIPTS—				(5) Special tools and plant ..	..	..	..
Share of Land Revenue collected in the Civil Department ..	..	..	..	Add—Unclassifiable outlay ..	..	..	..
				Total ..	..	..	..
Total, Public Works and Civil Departments. Revenue ..	..	1,667	1,667	Total, Extensions and Improvements and Maintenance and Repairs ..	..	..	..
				IV. ESTABLISHMENT	..	..	..
				V. TOOLS AND PLANT	..	..	..
				VI. REFUNDS OF REVENUE	..	..	..
				Tools, Direct Charges ..	..	..	..
				Share of collection charges in the Civil Department	..	83	83
				Indirect Charges	..	..	..
				Total, Direct and Indirect Charges ..	..	83	83
				Balance, net revenue	..	1,584	1,584
Total, Receipts ..	..	1,667	1,557	Grand Total ..	..	1,667	1,667

ADMINISTRATIVE ACCOUNTS FOR THE YEAR 1920-21.

L. DRAS PRESIDENCY.

NAGAVARAM ANICUT AND SUPPLY CHANNEL—*Tank Project.*

No. 5.—Account of Indirect Charges for and to end of 1920-1921.

Particulars.	Previous.	1920-1921.	Total.
CAPITAL—	RS.		RS.
Capitalization of abatement of land revenue ..	..	..	..
Leave and pension allowances	2,595	..	2,595
Total ..	2,595	..	2,595

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

Particulars.	CHARGES AGAINST CLOSED SANCTIONS.			CURRENT SANCTIONS.			Total charges to date against old and current sanctions.	REMARKS.	
	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.
Direct charges.	RS.		RS.				RS.		RS.
Works ..	88,757	..	88,757	..	..	..	88,757		
Establishment ..	18,538	..	18,538	..	..	..	18,538		
Tools and plant ..	..	..	..	..	..	..	..		
Suspense account ..	..	..	..	..	..	..	..		
Total ..	1,07,295	..	1,07,295	..	..	..	1,07,295		
Less—Receipts on Capital Account ..	..	..	..	..	..	..	..		
Net Total ..	1,07,295	..	1,07,295	..	..	..	1,07,295		
Indirect charges.									
Capitalized abatement of land revenue ..	..	..	..	..	..	..	..		
Leave and pension allowances ..	2,595	..	2,595	..	..	..	2,595		
Total ..	2,595	..	2,595	..	..	..	2,595		
Grand Total ..	1,09,890	..	1,09,890	..	..	..	1,09,890		

ARZENKOTA CHANNEL—*Canal Project.*

No. 2.—Capital Account for and to end of 1920-1921.

Heads of account.	DIRECT CHARGES.			Cost of construction as now estimated (construction estimate closed on 31st March 1894).	Expenditure against closed estimate.
	Previous.	1920-1921.	Total.		
I. WORKS—	RS.		RS.	RS.	RS.
(1) Head Works—					
O. Works	8,281	..	8,281	8,281	8,281
Total ..	8,281	..	8,281	8,281	8,281
(2) Main Canals and Branches—					
D. Regulators	14,621	..	14,621	14,621	14,621
F. (1) Other cross drainage works ..	75,732	..	75,732	75,732	75,732
L. Earthwork	15,871	..	15,871	15,871	15,871
Total ..	1,06,224	..	1,06,224	1,06,224	1,06,224
Total, Works ..	1,14,505	..	1,14,505	1,14,505	1,14,505
II. ESTABLISHMENT	26,264	..	26,264	26,264	26,264
III. TOOLS AND PLANT	..	..	..	..	..
* Grand Total ..	1,40,769	..	1,40,769	1,40,769	1,40,769

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

IRRIGATION BRANCH.

APPENDIX III.

PUBLIC WORKS DEPARTMENT.

ARREKOTA CHANNEL—Canal Project.

No. 3.—Revenue Account for and to end of 1920-1921.

Receipts.	TOTAL.			Charges.	TOTAL.		
	Previous.	1920-1921.	Total.		Previous.	1920-1921.	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 ..	8,268	..	8,268
canal produce ..	1	..	1	(3) Distributaries ..	882	..	882
Fines ..	2,341	392	2,733	(4) Drainage and protective works ..	..	..	..
Miscellaneous ..	..	..	..	(5) Special tools and plant ..	11,475	..	11,475
Total, Revenue realized in Public Works Department ..	3,468	392	3,860	Add—Unclassifiable outlay ..	11,475	..	11,475
Irrigation Revenue realized in Civil Department ..	5,73,562	17,497	5,91,059	Total ..	20,789	..	20,789
Total, Direct Receipts.	5,77,030	17,889	5,94,919	II. MAINTENANCE AND REPAIRS—	..	..	..
II. INDIRECT RECEIPTS—	..	..	..	(1) Head works ..	297	..	297
Share of Land Revenue collected in the Civil Department ..	18,997	410	19,407	(2) Main canals and branches ..	92,958	4,855	97,813
Total, Public Works and Civil Departments, Revenue ..	5,96,027	18,299	6,14,326	(3) Distributaries ..	2,514	..	2,514
Total, Receipts ..	5,96,027	18,299	6,14,326	(4) Drainage and protective works ..	..	..	..
				(5) Special tools and plant ..	1,73,223	..	1,73,223
				Add—Unclassifiable outlay ..	1,73,223	..	1,73,223
				Total ..	2,68,992	4,855	2,73,847
				Total, Extensions and Improvements and Maintenance and Repairs ..	2,89,781	4,855	2,94,636
				IV. ESTABLISHMENT ..	66,788	1,591	68,379
				V. TOOLS AND PLANT ..	51	62	113
				VI. REFUNDS OF REVENUE ..	43	..	43
				Total, Direct Charges ..	3,56,613	6,508	3,63,121
				Share of collection charges in the Civil Department ..	29,630	895	30,525
				Indirect Charges ..	9,337	223	9,560
				Total, Direct and Indirect Charges ..	3,95,580	7,626	4,03,206
				Deduct—Old maintenance charge saved to Government * ..	9,180	1,238	10,418
				Net Total ..	3,86,400	6,388	3,92,788
				Balance, net revenue ..	2,09,627	11,911	2,21,538
				Grand Total ..	5,96,027	18,299	6,14,326

No. 5.—Account of Indirect Charges for and to end of 1920-1921.

Particulars.	Previous.	1920-1921.	Total.
CAPITAL—	RS.	RS.	RS.
Leave and pension allowances ..	3,676	..	3,676
Total ..	3,676	..	3,676
REVENUE—	..	..	..
Leave and pension allowances ..	9,337	223	9,560
Total ..	9,337	223	9,560
Grand Total ..	13,013	223	13,236

APPENDIX III.

ADMINISTRATIVE ACCOUNTS FOR THE YEAR 1920-21.

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.
Works ..	81,578	32,927	1,14,505	..	..	..	1,14,505	..	..
Establishment ..	18,760	7,504	26,264	..	..	..	26,264	..	..
Tools and plant ..	..	..	..	..	..	..	..	..	..
Suspense account ..	..	..	..	..	..	..	..	..	..
Total ..	1,00,338	40,431	1,40,769	..	..	..	1,40,769	..	..
Less—Receipts on capital account ..	..	..	..	..	..	..	..	..	..
Net Total ..	1,00,338	40,431	1,40,769	..	..	..	1,40,769	..	..
Indirect Charges.	..	..	..	..	..	..	..	..	..
Capitalized abatement of land revenue ..	..	..	..	..	..	..	..	..	..
Leave and pension allowances ..	2,626	1,050	3,676	..	..	..	3,676	..	..
Total ..	2,626	1,050	3,676	..	..	..	3,676	..	..
Grand Total ..	1,02,964	41,481	1,44,445	..	..	..	1,44,445	..	..

THADAPALLE CHANNEL—Canal Project.

No. 2.—Capital Account for and to end of 1920-1921.

Heads of account.	DIRECT CHARGES.			Cost of construction as now estimated (construction estimate closed in 1892).	Expenditure against closed estimate.
	Previous.	1920-1921.	Total.		
I. WORKS—	RS.	RS.	RS.	RS.	RS.
(1) Head Works—	..	..	..	..	..
C. Works ..	73,406	..	73,406	73,406	73,406
Total ..	73,406	..	73,406	73,406	73,406
(2) Main Canals and Branches—	..	..	..	..	..
B. Land ..	1,880	..	1,880	1,880	1,880
D. Regulators ..	36,546	..	36,546	36,546	36,546
F. (1) Other cross drainage works ..	1,096	..	1,096	1,096	1,096
K. Buildings ..	1,442	..	1,442	1,442	1,442
L. Earthwork ..	1,384	..	1,384	1,384	1,384
O. Miscellaneous ..	1,836	..	1,836	1,836	1,836
Total ..	44,184	..	44,184	44,184	44,184
(3) Distributaries—	..	..	..	..	..
B. Land ..	..	..	..	..	..
C. Works ..	355	..	355	355	355
L. Earthwork ..	17,275	..	17,275	17,275	17,275
O. Miscellaneous ..	..	..	..	..	..
Total ..	17,630	..	17,630	17,630	17,630
Total, Works ..	1,35,220	..	1,35,220	1,35,220	1,35,220
II. ESTABLISHMENT ..	29,535	..	29,535	29,535	29,535
III. TOOLS AND PLANT ..	..	..	..	..	..
(a) Grand Total ..	1,64,755	..	1,64,755	1,64,755	1,64,755

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

IRRIGATION BRANCH.

PUBLIC WORKS DEPARTMENT.

THADAPALLE CHANNEL—Canal Project.

No. 3.—Revenue Account for and to end of 1920-1921.

Receipts.	TOTAL.			Charges.	TOTAL.		
	Previous.	1920-1921.	Total.		Previous.	1920-1921.	Total.
I. DIRECT RECEIPTS—	RS.	RS.	RS.	I. EXTENSIONS AND IMPROVEMENTS—	RS.	RS.	RS.
5. Receipts from plantations ..	2,564	..	2,564	(1) Head works ..	4,606	..	4,606
6. Receipt from other canal produce ..	4,826	..	4,826	(2) Main canals and branches ..	26,997	186	26,183
9. Rents of buildings.	721	46	767	(3) Distributaries ..	8,199	..	8,199
11. Miscellaneous ..	16,782	1,424	17,206	(4) Drainage and protective works.	..	..	..
				(5) Special tools and plant	74	..	74
				Add—Unclassified outlay ..	7,726	..	7,726
				Total ..	46,602	186	46,788
Total, Revenue realized in Public Works Department ..	23,893	1,470	25,363	II. MAINTENANCE AND REPAIRS—			
Irrigation Revenue realized in Civil Department ..	17,22,614	66,491	17,88,005	(1) Head works ..	19,961	2,034	21,995
				(2) Main canals and branches ..	1,88,009	8,968	1,97,577
				(3) Distributaries ..	8,627	..	8,627
				(4) Drainage and protective works.	..	..	..
				(5) Special tools and plant	..	..	..
				Add—Unclassified outlay ..	1,99,673	..	1,99,673
				Total ..	4,16,870	11,002	4,27,872
Total, Direct Receipts ..	17,46,407	66,961	18,13,368	Total, Extensions and Improvements and Maintenance and Repairs ..	4,63,472	11,188	4,74,660
II. INDIRECT RECEIPTS—				IV. ESTABLISHMENT ..	1,06,997	3,665	1,10,662
Share of Land Revenue collected in the Civil Department ..	1,50,282	2,900	1,53,182	V. TOOLS AND PLANT ..	756	143	899
				VI. REFUNDS OF REVENUE ..	22	..	22
				Total, Direct Charges ..	5,71,247	14,996	5,86,243
Total, Public Works and Civil Departments, Revenue ..	18,96,689	69,861	19,66,550	Share of collection charges in the Civil department ..	93,639	3,420	97,059
				Indirect charges ..	14,935	513	15,448
				Total, Direct and Indirect Charges ..	6,79,821	18,929	6,98,750
				Deduct—Old maintenance charges saved to Government ..	36,700	4,948	41,648
				Net Total ..	6,43,121	13,981	6,57,102
				Balance, net revenue ..	12,53,568	55,880	13,09,448
Total, Receipts ..	18,96,689	69,861	19,66,550	Grand Total ..	18,96,689	69,861	19,66,550

* Direct—
Extensions and improvements 3,669
Maintenance and charges 1,169
Establishment 46
Tools and plant 4,784
Indirect 164
4,948

No. 5.—Account of Indirect Charges for and to end of 1920-1921.

Particulars..	Previous.	1920-1921.	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 ..	14,935	513	15,448
Total ..	14,935	513	15,448
Grand Total ..	25,985	513	26,498

ADMINISTRATIVE ACCOUNTS FOR THE YEAR 1920-21.

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.		
Works ..	70,897	64,323	1,35,220	..	..	..	1,35,220		
Establishment ..	16,305	13,229	29,535	..	..	..	29,535		
Tools and plant ..	..	..	..	..	..	..	..		
Suspense account ..	..	..	..	..	..	..	..		
Total ..	87,203	77,552	1,64,755	..	..	..	1,64,755		
Less—Receipts on capital account ..	..	..	..	..	..	..	..		
Net Total ..	87,203	77,552	1,64,755	..	..	..	1,64,755		
Indirect Charges.									
Capitalized abatement of Land Revenue ..	..	6,915	6,915	..	..	..	6,915		
Leave and pension allowances ..	2,283	1,852	4,135	..	..	..	4,135		
Total ..	2,283	8,767	11,050	..	..	..	11,050		
Grand Total ..	89,486	86,319	1,75,805	..	..	..	1,75,805		

KALINGAROYEN CHANNEL—Canal Project.

No. 2.—Capital Account for and to end of 1919-1920.

Heads of account.	DIRECT CHARGES.			Cost of construction as now estimated (construction estimate closed in 1893).	Expenditure against closed estimate.
	Previous.	1919-1920.	Total.		
I. WORKS—	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."

IRRIGATION BRANCH.

PUBLIC WORKS DEPARTMENT.

KALINGAROYEN CHANNEL—Canal Project.

No. 3.—Revenue Account for and to end of 1920-1921.

Receipts.	TOTAL.			Charges.	TOTAL.		
	Previous.	1920-1921.	Total.		Previous.	1920-1921.	Total.
I. DIRECT RECEIPTS—	Rs.	Rs.	Rs.	I. EXTENSIONS AND IMPROVEMENTS—	Rs.	Rs.	Rs.
5. Receipts from plantations ..	3,290	..	3,290	(1) Head works ..	1,959	496	2,455
6. Receipts from other canal produce ..	10,737	..	10,737	(2) Main canals and branches ..	17,351	24	17,375
9. Rents of buildings ..	486	13	509	(3) Distributaries ..	280	..	280
11. Miscellaneous ..	23,115	2,275	25,390	(4) Drainage and protective works ..	..	..	..
				(5) Special tools and plant ..	11,569	..	11,569
				Add—Unclassifiable outlay ..	..	..	..
Total, Revenue realized in Public Works Department ..	27,638	2,288	29,926	Total ..	31,159	520	31,679
Irrigation revenue realized in Civil Department ..	11,46,751	41,049	11,87,800	II. MAINTENANCE AND REPAIRS—			
Total, Direct Receipts ..	11,54,389	43,337	12,27,726	(1) Head works ..	62,464	3,659	66,123
II. INDIRECT RECEIPTS—				(2) Main canals and branches ..	1,61,123	8,344	1,69,467
Share of land revenue collected in the Civil Department ..	20,824	483	21,307	(3) Distributaries ..	..	..	..
Total, Public Works and Civil Departments, Revenue ..	12,05,213	43,820	12,49,033	(4) Drainage and protective works ..	..	..	..
				(5) Special tools and plant ..	..	50	50
				Add—Unclassifiable outlay ..	3,53,846	..	3,53,846
				Total ..	6,60,383	12,003	6,12,386
				Total, Extensions and Improvements and Maintenance and Repairs ..	6,91,542	12,523	6,44,065
				IV. ESTABLISHMENT ..	1,48,068	4,103	1,52,171
				V. TOOLS AND PLANT ..	874	161	1,035
				VI. REFUNDS OF REVENUE ..	243	..	243
				Total, Direct Charges ..	7,80,727	16,787	7,97,514
				Share of collection charges in the Civil Department ..	55,379	2,077	60,456
				Indirect charges ..	20,693	574	21,270
				Total, Direct and Indirect Charges ..	8,59,802	19,438	8,79,240
				Deduct—Old maintenance charges saved to Government (a) ..	41,047	5,534	46,581
				Net Total ..	8,18,755	13,904	8,32,659
Total, Receipts ..	12,05,213	43,820	12,49,033	Balance, net revenue ..	3,56,458	29,916	4,16,374
				Grand Total ..	12,05,213	43,820	12,49,033

(a) Direct—	Rs.
Extensions and improvements ..	3,992
Maintenance and repairs ..	..
Establishment ..	1,308
Tools and plant ..	51
	5,351
Indirect ..	183
	5,534

ADMINISTRATIVE ACCOUNTS FOR THE YEAR 1920-21.

MADRAS PRESIDENCY.

KALINGAROYEN CHANNEL—Canal Project.

No. 5.—Account of Indirect Charges for and to end of 1920-1921.

Particulars.	Previous.	1920-1921.	Total.
CAPITAL—	Rs.	Rs.	Rs.
Leave and pension allowances ...	4,506	..	4,506
Total ..	4,506	..	4,506
REVENUE—			
Leave and pension allowances ...	20,696	574	21,270
Total ..	20,696	574	21,270
Grand Total ..	25,202	574	25,776

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.		
Direct Charges.									
Works ..	43,775	1,00,014	1,43,789	..	..	..	1,43,789		
Establishment ..	10,068	22,123	32,191	..	..	..	32,191		
Tools and plant ..	..	..	..	..	..	..	..		
Suspense account ..	..	..	..	..	..	..	..		
Total ..	53,843	1,22,137	1,75,980	..	..	..	1,75,980		
Less—Receipts on Capital account.	..	..	..	..	..	..	..		
Net Total ..	53,843	1,22,137	1,75,980	..	..	..	1,75,980		
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	..	..	..	1,80,486		

IRRIGATION BRANCH.

PUBLIC WORKS DEPARTMENT.

KANNIAMPALIAM ANICUT—Tank Project.

No. 2.—Capital Account for and to end of 1920-1921.

Heads of account.	DIRECT CHARGES.			Cost of construction as now estimated.	Expenditure against closed estimate.
	Previous.	1920-1921.	Total.		
I. WORKS—	Rs.	Rs.	Rs.	Rs.	
(1) <i>Head Works—</i>					
A. Preliminary expenses ...	1,762	...	1,762	1,850	...
B. Land ...	...	...	...	...	...
C. Works ...	52,203	14,575	66,778	67,092	...
K. Buildings ...	1,000	...	1,000	1,000	...
L. Earthwork ...	...	...	...	...	...
O. Miscellaneous ...	...	...	...	...	...
Total ...	54,965	14,575	69,540	69,942	...
(2) <i>Main Canals and Branches—</i>					
A. Preliminary expenses ...	...	...	...	...	...
B. Land ...	...	...	...	...	...
C. Works ...	95	43	138	500	...
D. Regulators ...	...	...	...	...	...
F. Rivers and Hill Torrents ...	...	...	...	...	...
F..(1) Other cross drainage works ...	9,274	1,862	11,136	22,426	...
G. Bridges ...	...	...	...	...	...
K. Buildings ...	...	...	...	...	...
L. Earthwork ...	9,924	— 1	9,923	10,782	...
O. Miscellaneous ...	...	...	...	...	...
P. Maintenance ...	...	...	...	...	...
Total ...	19,293	1,904	21,197	33,708	...
(3) <i>Distributaries—</i>					
B. Land ...	...	...	...	...	...
C. Works ...	...	...	...	...	...
L. Earthwork ...	...	...	...	...	...
O. Miscellaneous ...	...	...	...	...	...
P. Maintenance ...	...	...	...	...	...
Total ...	...	...	...	...	...
(5) <i>Special tools and plant</i> ...	...	...	...	...	...
Provision for unforeseen works ...	...	...	...	...	...
Total Works ...	74,258	16,479	90,737	1,03,650	...
II. ESTABLISHMENT ...	19,102	5,399	24,501	22,285	...
III. TOOLS AND PLANT ...	230	211	441	1,555	...
Grand Total ...	93,590	22,089	1,15,679	1,27,490	...
V. Less receipts on capital account ...	...	...	...	...	...
(a) Net Total ...	93,590	22,089	1,15,679	1,27,490	...

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

ADMINISTRATIVE ACCOUNTS FOR THE YEAR 1920-21.

MADRAS PRESIDENCY.

KANNIAMPALIAM ANICUT—Tank Project.

No. 5.—Account of Indirect Charges for and to end of 1920-1921.

Particulars.	Previous.	1920-1921.	Total.
CAPITAL—	Rs.	Rs.	Rs.
Capitalization of abatement of Land Revenue	...	...	...
Leave and pension allowances ...	2,675	756	3,431
Total ...	2,675	756	3,431
REVENUE—			
Capitalization of abatement of Land Revenue	...	...	...
Leave and pension allowances ...	...	...	...
Total ...	...	...	...
Grand Total ...	2,675	756	3,431

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.	Direct Charges. 399 I., 15th Dec. 1920.	Rs.
Works ...	...	...	...	90,737	1,03,650	12,913	90,737		
Establishment ...	...	...	...	24,501	22,285	— 2,216	24,501		
Tools and plant ...	...	...	...	441	1,555	1,114	441		
Suspense account.	...	...	...	...	...	...	...		
Total ...	...	...	...	1,15,679	1,27,490	11,811	1,15,679		
Less—Receipts on capital account.	...	...	...	...	...	...	...		
Net Total ...	...	...	...	1,15,679	1,27,490	11,811	1,15,679		
<i>Indirect Charges.</i>								Indirect Charges.	
Capitalized abatement of Land Revenue.	...	...	...	...	...	...	...		
Leave and pension allowances.	...	...	...	3,431	3,120	— 311	3,431		3,120
Total ...	...	...	...	3,431	3,120	— 311	3,431		
Grand Total ...	...	...	...	1,19,110	1,30,610	11,500	1,19,110		

IRRIGATION BRANCH.

PUBLIC WORKS DEPARTMENT.

PALAR ANICUT SYSTEM—Canal Project.

No. 2.—Capital Account for and to end of 1920-1921.

Heads of account.	DIRECT CHARGES.			Cost of construction as now estimated (construction estimate closed on 31st March 1896).	Expenditure against closed estimate.
	Previous.	1920-1921.	Total.		
WORKS—	Rs.	Rs.	Rs.	Rs.	Rs.
(1) <i>Head Works—</i>					
C. Works	2,08,736	...	2,08,736	2,08,736	2,08,736
K. Buildings	1,847	...	1,847	1,847	1,847
Total	2,10,583	...	2,10,583	2,10,583	2,10,583
(2) <i>Main Canals and Branches—</i>					
B. Land	7,263	...	7,263	7,263	7,263
D. Regulators	27,509	...	27,509	27,509	27,509
E. Falls and weirs	1,04,937	...	1,04,937	1,04,937	1,04,937
F. River and Hill Torrent Works	547	...	547	547	547
F. (1) Other cross drainage works	2,366	...	2,366	2,366	2,366
G. Bridges	11,552	2,009	13,561	13,561	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	32,126	948	33,374	33,374	33,700
O. Miscellaneous	40,752	...	40,752	40,752	40,752
Total	4,31,002	2,957	4,33,959	4,33,979	4,31,949
(3) <i>Distributaries—</i>					
B. Land	7,776	...	7,776	7,776	7,776
C. Works	82,119	...	82,119	82,119	82,119
D. Regulators	1,914	...	1,914	1,914	1,914
E. Falls and weirs	3,257	1,105	4,362	3,257	3,257
F. (1) Other cross drainage works	2,174	...	2,174	2,174	2,174
L. Earthwork	56,867	...	56,867	56,867	56,867
N. Tanks and reservoirs	8,369	...	8,369	8,369	8,369
O. Miscellaneous	4,680	...	4,680	4,680	4,680
Total	1,67,156	1,105	1,68,261	1,67,156	1,67,156
(5) Special tools and plant	...	...	...	...	...
Provision for unforeseen works	...	...	...	...	...
Total outlay on current sanctions	8,08,741	4,062	8,12,803	8,12,718	8,09,688
Old outlay	10,26,978	...	10,26,978	10,26,978	10,26,978
Total Works	18,35,719	4,062	18,39,781	18,43,696	18,36,666
II. ESTABLISHMENT	4,65,757	723	4,66,480	4,67,434	4,65,923
III. TOOLS AND PLANT	29,891	32	29,923	30,004	29,899
Grand Total	23,31,367	4,817	23,36,184	23,41,134	23,32,488
V. <i>Less—RECEIPTS ON CAPITAL ACCOUNT</i>	...	...	...	...	...
* Net Total	23,31,367	4,817	23,36,184	23,41,134	23,32,488

* Chargeable to "42. Minor Works and Navigation—Provincial."

ADMINISTRATIVE ACCOUNTS FOR THE YEAR 1920-21.

MADRAS PRESIDENCY.

PALAR ANICUT SYSTEM—Canal Project.

No. 3.—Revenue Account for and to end of 1920-1921.

Receipts.	TOTAL.			Charges.	TOTAL.		
	Previous.	1920-1921.	Total.		Previous.	1920-1921.	Total.
I. DIRECT RECEIPTS—	RS.	RS.	RS.	I. EXTENSIONS AND IMPROVEMENTS—	RS.	RS.	RS.
5. Receipts from plantations	11,456	3,256	14,712	(1) Head works	2,10,868	256	2,11,124
6. Receipts from other canal produce	43,091	...	43,091	(2) Main canals and branches	1,66,869	2,703	1,69,572
9. Rents of buildings	2,008	110	2,118	(3) Distributaries	2,06,630	4,464	2,11,094
10. Fines	64	...	64	(4) Drainage and protective works	340	...	340
11. Miscellaneous	28,460	182	28,642	(5) Special tools and plant	...	...	...
Total, Revenue realized in Public Works Department	85,079	3,548	88,627	Add—Unclassifiable outlay	32,342	...	32,342
Irrigation Revenue realized in Civil Department	59,67,952	2,42,897	62,01,849	Total	6,17,049	7,423	6,24,472
Total, Direct Receipts	60,43,031	2,47,445	62,90,476	II. MAINTENANCE AND REPAIRS—			
II. INDIRECT RECEIPTS—				(1) Head works	1,35,671	5,410	1,41,081
Share of land revenue collected in the Civil Department	9,13,312	16,733	9,30,045	(2) Main canals and branches	9,81,716	10,722	9,92,438
Total, Indirect Receipts	9,13,312	16,733	9,30,045	(3) Distributaries	7,95,151	18,294	8,13,445
Total, Public Works and Civil Departments, Revenue	69,56,343	2,64,178	72,20,521	(4) Drainage and protective works	5,742	...	5,742
				(5) Special tools and plant	...	...	...
				Add—Unclassifiable outlay	99,655	...	99,655
				Total	20,17,935	34,426	20,52,361
				Total, Extensions and Improvements and Maintenance and Repairs	26,34,984	41,849	26,76,833
				IV. ESTABLISHMENT	6,70,510	13,952	6,84,472
				V. TOOLS AND PLANT	15,572	238	15,810
				VI. REFUNDS OF REVENUE	10,371	22	10,393
				Total, Direct Charges	33,31,437	56,071	33,87,508
				Share of collection charges in the Civil Department	3,76,922	12,985	3,89,907
				Indirect charges	1,10,500	1,955	1,12,455
				Total, Direct and Indirect Charges	38,18,859	71,011	38,89,870
				Deduct—Old maintenance charges saved to Government	2,67,149	3,737	2,70,886
				Net Total	35,51,710	67,274	36,18,984
				Balance, net revenue	34,04,633	1,98,904	36,01,527
Total, Receipts	69,56,343	2,64,178	72,20,521	Grand Total	69,56,343	2,64,178	72,20,521

* Extensions and Improvements	138
Maintenance and Repairs	178
Establishment	2,909
Tools and Plant	549
	24
Total, Direct Charges	3,680
Indirect Charges	77
Grand Total	3,737

IRRIGATION BRANCH.

PUBLIC WORKS DEPARTMENT

PALAR ANICUT SYSTEM—Canal Project.

No. 5.—Account of Indirect Charges for and to end of 1920-1921.

Particulars.	Previous.	1920-1921.	Total.
	Rs.	Rs.	Rs.
CAPITAL—			
Capitalization of abatement of and revenue	25,558	...	25,558
Leave and pension allowances	91,314	101	91,415
Total ...	1,16,872	101	1,16,973
REVENUE—			
Capitalization of abatement of land revenue	2,554	...	2,554
Leave and pension allowances	1,07,946	1,955	1,09,901
Total ...	1,10,500	1,955	1,12,455
Grand Total ...	2,27,372	2,056	2,29,428

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.	Rs.	Rs.	Rs.	Rs.	
Direct Charges.								
Works ...	15,22,878	3,13,788	18,36,666	3,115	7,030	3,915	18,39,781	
Establishment ...	3,99,070	66,853	4,65,923	557	1,511	954	4,66,480	
Tools and plant ...	29,875	24	29,899	24	105	81	29,923	
Suspense account ...	...	...	...	...	...	...	...	
Total ...	19,51,823	3,80,665	23,32,488	3,696	8,646	4,950	23,36,184	
Less—Receipts on Capital Account...	...	...	...	...	...	...	...	
Net Total ...	19,51,823	3,80,665	23,32,488	3,696	8,646	4,950	23,36,184	356 I., 5th Nov. 1918.
Indirect Charges.								
Capitalized abatement of land revenue ...	23,054	2,561	25,555	...	...	...	25,558	
Leave and pension allowances ...	81,976	9,361	91,337	78	...	— 78	91,415	Mis. 52 I., 19th Feb. 1919. Mis. 375 I., 2nd Dec. 1919. M.L. + L., 3rd Jan. 1920.
Total ...	1,05,030	11,865	1,16,895	78	...	— 78	1,16,973	
Grand Total ...	20,56,853	3,92,530	24,49,383	3,774	8,646	4,872	24,53,157	Total

ADMINISTRATIVE ACCOUNTS FOR THE YEAR 1920-21.

MADRAS PRESIDENCY.

VALLURU ANICUT SYSTEM—Canal Project.

No. 2.—Capital Account for and to end of 1920-1921.

Heads of account.	DIRECT CHARGES.			Cost of construction as now estimated (construction estimate closed on 31st March 1923).	Expenditure against estimate.
	Previous.	1920-1921.	Total.		
I. WORKS—	Rs.	Rs.	Rs.	Rs.	Rs.
(1) Head Works—					
C. Works	59,515	...	59,515	59,920	59,556
Total ...	59,515	...	59,515	59,920	59,556
(3) Distributaries—					
C. Works	1,147	...	1,147	1,147	1,147
Total ...	1,147	...	1,147	1,147	1,147
Total, Works ...	60,662	...	60,662	61,067	61,703
II. ESTABLISHMENT	13,679	...	13,679	13,474	11,891
III. TOOLS AND PLANT	25	...	25	...	...
Grand Total ...	74,366	...	74,366	74,541	63,594
V. Less—RECEIPTS ON CAPITAL ACCOUNT	...	...	...	...	...
(a) Net Total ...	74,366	...	74,366	74,541	63,594

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

No. 3.—Revenue Account for and to end of 1920-1921.

Receipts.	TOTAL.			Charges.	TOTAL.		
	Previous.	1920-1921.	Total.		Previous.	1920-1921.	Total.
I. DIRECT RECEIPTS—	Rs.	Rs.	Rs.	I. EXTENSIONS AND IMPROVEMENTS—	Rs.	Rs.	Rs.
5. Receipts from plantations ...	890	277	1,167	(1) Head works ...	3,709	...	3,709
6. Receipts from other canal produce ...	921	...	921	(2) Main canals and branches ...	127	...	127
9. Rents of buildings ...	125	9	135	(3) Distributaries ...	...	...	...
11. Miscellaneous ...	428	13	441	(4) Drainage and protective works ...	4,817	...	4,817
Total, Revenue realized in Public Works Department ...	2,365	299	2,664	(5) Special tools and plant ...	...	...	...
Irrigation Revenue realized in Civil Department ...	1,21,060	2,645	1,23,705	Total ...	8,644	...	8,644
Total, Direct Receipts ...	1,23,425	2,944	1,26,369	II. MAINTENANCE AND REPAIRS—			
II. INDIRECT RECEIPTS—				(1) Head works ...	22,393	4,086	26,459
Share of land revenue collected in the Civil Department ...	44,265	1,074	45,339	(2) Main canals and branches ...	1,405	1,191	2,596
Total, Public Works and Civil Departments, Revenue ...	1,67,690	4,018	1,71,708	(3) Distributaries ...	...	...	...
III. RECEIPTS OF REVENUE				(4) Drainage and protective works ...	...	...	...
Total, Direct Charges ...	61,441	6,235	67,676	(5) Special tools and plant ...	...	...	...
Share of collection charges in the Civil Department ...	8,268	186	8,454	Add—Unclassifiable outlay ...	17,582	...	17,582
Indirect charges ...	1,565	131	1,696	Total ...	41,380	5,257	46,637
Total, Direct and Indirect Charges ...	71,274	6,552	77,826	IV. ESTABLISHMENT...	60,024	6,257	66,281
Deduct—Old maintenance charges saved to Government (a) ...	32,922	1,477	34,399	V. TOOLS AND PLANT	11,202	936	12,138
Net Total ...	38,352	4,975	43,327	VI. REVENUE OF REVENUE	215	42	257
Balance, net revenue ...	1,29,338	— 957	1,28,381	Total, Direct Charges ...	61,441	6,235	67,676
Grand Total ...	1,67,690	4,018	1,71,708	Share of collection charges in the Civil Department ...	8,268	186	8,454

(a) Extensions and Improvements	...	...	...	Rs. 226
Maintenance and repairs	...	...	...	1,077
Establishment	...	...	...	232
Tools and plant	...	...	...	10
Total, Direct Charges	...	...	...	1,545
Indirect charges	...	...	...	32
Grand Total	...	...	...	1,577

IRRIGATION BRANCH.

PUBLIC WORKS DEPARTMENT

VALLURU ANICUT SYSTEM—Canal Project.

No. 5.—Account of Indirect Charges for and to end of 1920-1921.

Particulars.	Previous.	1920-1921.	Total.
CAPITAL—	Rs.	Rs.	Rs.
Leave and pension allowances	1,916	...	1,916
Total	1,916	...	1,916
REVENUE—			
Leave and pension allowances	1,565	131	1,696
Total	1,565	131	1,696
Grand Total	3,481	131	3,612

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	1,153	51,703	8,959	9,364	405	60,662		
Establishment	11,627	264	11,891	1,788	1,583	205	13,679		
Tools and plant	...	...	...	25	...	25	25		
Suspense account.	...	...	...	...	...	...	...		
Total	62,177	1,417	63,594	10,772	10,947	175	74,366	68 L. 14th Feb. 1917.	9,364
Less—Receipts on capital account.	...	...	...	...	...	...	...		
Net Total	62,177	1,417	63,594	10,772	10,947	175	74,366		
Indirect Charges.									
Capitalized abatement of land revenue	...	...	...	...	...	...	...		
Leave and pension allowances	1,628	38	1,666	250	...	250	1,916		
Total	1,628	38	1,666	250	...	250	1,916		
Grand Total	63,805	1,455	65,260	11,022	10,947	75	76,282		

ADMINISTRATIVE ACCOUNTS FOR THE YEAR 1920-21.

MADRAS PRESIDENCY.

MADRAS WATER-SUPPLY AND IRRIGATION SYSTEM—Tank Project.

No. 2.—Capital Account for and to end of 1920-1921.

Heds of account.	DIRECT CHARGES.			Cost of construction as now estimated (closed in 1893).	Expenditure against closed estimate.
	Previous.	1920-1921.	Total.		
I. WORKS—	Rs.	Rs.	Rs.	Rs.	Rs.
(1) Head Works—					
C. Works	95,800	2,509	98,309	95,800	98,309
K. Buildings	8,827	...	8,827	8,827	8,827
O. Miscellaneous	1,029	...	1,029	1,029	1,029
Total	1,05,656	2,509	1,08,165	1,05,656	1,08,165
(2) Main Canals and Branches—					
B. Land	65,979	...	65,979	65,979	65,979
D. Regulators	48,818	...	48,818	48,818	48,818
E. Falls and weirs	...	13,094	13,094	13,094	13,094
F. (1) Other cross drainage works	59,847	...	59,847	59,847	59,847
G. Bridges	53,739	...	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	13,094	3,52,150	3,54,450	3,52,150
Reservoirs—					
B. Land	1,35,313	...	1,35,313	1,35,313	1,35,313
C. Works	1,67,908	...	1,67,908	1,67,908	1,67,908
L. Earthwork	5,33,148	...	5,33,148	5,33,148	5,33,148
O. Miscellaneous	45,753	...	45,753	45,753	45,753
Total	8,82,122	...	8,82,122	8,82,122	8,82,122
(3) Distributaries—					
C. Works	2,073	2,295	4,368	2,073	2,073
L. Earthwork	2,275	...	2,275	2,275	2,275
Total	4,348	2,295	6,643	4,348	4,348
(4) Drainage and Protective works—					
C. Works	2,672	...	2,672	2,672	2,672
(5) Special tools and plant	...	...	...	...	...
Provision for unforeseen works	...	...	...	...	...
Total, Works	13,33,854	17,898	13,51,752	13,51,757	13,49,457
II. ESTABLISHMENT	2,19,075	3,187	2,22,262	2,22,257	2,21,762
III. TOOLS AND PLANT	6,681	143	6,824	6,824	6,790
Grand Total	15,59,610	21,228	15,80,838	15,80,838	15,78,009
V. LESS—RECEIPTS ON CAPITAL ACCOUNT	1,302	...	1,302	1,302	1,302
(a) Net Total	15,58,308	21,228	15,79,536	15,79,536	15,76,707

(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 1920-1921.

Receipts.	TOTAL.			Charges.	TOTAL.		
	Previous.	1920-1921.	Total.		Previous.	1920-1921.	Total.
I. DIRECT RECEIPTS—	RS.	RS.	RS.	I. EXTENSIONS AND IMPROVEMENTS—	RS.	RS.	RS.
2. Sales of water ..	7,59,719	35,375	7,95,094	(1) Head works ..	6,704	..	6,704
5. Receipts from plantations ..	1,277	306	1,583	(2) Main canals and branches ..	34,543	1,553	36,101
6. Receipts from other canal produce ..	4,771	..	4,771	(3) Distributaries ..	3,277	..	3,277
9. Rents of buildings ..	1,017	26	1,043	(4) Drainage and protective works ..	613	..	613
10. Fines ..	39	..	39	(5) Special tools and plant—	..	..	..
11. Miscellaneous ..	3,789	212	4,001	Total ..	45,142	1,553	46,695
Total, revenue realized in Public Works Department ..	7,70,612	35,919	8,06,531	II. MAINTENANCE AND REPAIRS—	..	..	..
Irrigation revenue realized in Civil Department ..	5,05,813	17,223	5,23,036	(1) Head works ..	61,876	..	61,876
Total, Direct Revenue ..	12,76,525	53,242	13,29,767	(2) Main canals and branches ..	5,51,998	16,598	5,68,596
II. INDIRECT RECEIPTS—	..	..	..	(3) Distributaries ..	3,980	..	3,980
Share of land revenue collected in the Civil Department ..	21,181	462	21,643	(4) Drainage and protective works ..	2,098	..	2,098
Total, Public Works and Civil Departments, Revenue ..	12,97,706	53,704	13,51,410	(5) Special tools and plant—	..	..	..
				Add—Unclassifiable outlay ..	..	..	..
				Total ..	6,19,862	16,598	6,36,460
				Total, Extensions and Improvements and Maintenance and Repairs ..	6,65,004	18,151	6,83,155
				IV. ESTABLISHMENT ..	2,27,177	3,231	2,30,408
				V. TOOLS AND PLANT ..	7,998	144	8,142
				VI. REFUNDS OF REVENUE ..	88	..	88
				Total, Direct Charges ..	9,00,267	21,526	9,21,793
				Share of collection charges in the Civil Department ..	28,543	890	29,433
				Indirect charges ..	32,746	452	33,198
				Total, Direct and Indirect Charges ..	9,61,556	22,868	9,84,424
				Deduct—Old maintenance charges saved to Government (a) ..	2,43,267	4,601	2,47,868
				Net Total ..	7,18,289	18,267	7,36,556
				Balance, net revenue ..	5,79,417	35,437	6,14,854
Total, Receipts ..	12,97,706	53,704	13,51,410	Grand Total ..	12,97,706	53,704	13,51,410

(a) Extensions and improvements	RS.
Maintenance and repairs ..	3,600
Establishment ..	200
Tools and plant ..	676
	30
Total, Direct charges ..	4,506
Indirect charges ..	95
Grand Total ..	4,601

ADMINISTRATIVE ACCOUNTS FOR THE YEAR 1920-21.

MADRAS PRESIDENCY.

MADRAS WATER-SUPPLY AND IRRIGATION SYSTEM—Tank Project.

No. 5.—Account of Indirect Charges for and to end of 1920-1921.

Particulars.	Previous.	1920-1921.	Total.
CAPITAL—	Rs.	Rs.	Rs.
Capitalization of abatement of land revenue ..	2,08,120	..	2,08,120
Leave and pension allowances ..	31,012	446	31,458
Total ..	2,39,132	446	2,39,578
REVENUE—			
Capitalization of abatement of land revenue ..	1,095	..	1,095
Leave and pension allowances ..	31,651	452	32,103
Total ..	32,746	452	33,198
Grand Total ..	2,71,878	898	2,72,776

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.	REMAINS.	
	Expenditure against construction estimate.	Expenditure against open canal sanction.	Total.	Charges to date.	Amount of sanctioned estimate.	Unspent balance of estimate.		G.O. No. and date.	Amount of estimate.
Direct Charges.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.		Rs.
Works ..	12,97,799	51,658	13,49,457	2,295	2,300	5	13,51,752		
Establishment ..	2,12,547	9,315	2,21,762	500	495	— 5	2,22,202		
Tools and plant ..	6,648	142	6,790	34	34	..	6,824		
Suspense account ..	..	..	..	..	..	..	..		
Total ..	15,16,994	61,015	15,78,009	2,829	2,829	..	15,80,838		
Less—Receipts on Capital Account ..	1,167	135	1,302	..	..	..	1,302		
Net Total ..	15,15,827	60,880	15,76,707	2,829	2,829	..	15,79,536		
Indirect Charges.									
Capitalized abatement of land revenue ..	2,08,120	..	2,08,120	..	..	..	2,08,120		
Leave and pension allowances ..	30,098	1,290	31,388	70	..	— 70	31,458		
Total ..	2,38,218	1,290	2,39,508	70	..	— 70	2,39,578		
Grand Total ..	17,54,045	62,170	18,16,215	2,899	2,829	— 70	18,19,114		

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IRRIGATION BRANCH.

PUBLIC WORKS DEPARTMENT.

CHEMBRAMBAUKAM TANK—Tank Project.

No. 2.—Capital Account for and to end of 1920-1921.

Heads of account.	DIRECT CHARGES.			Cost of construction as now estimated (construction estimate closed on 31st March 1923).	Expenditure against closed estimate.
	Previous.	1920-1921.	Total.		
I. WORKS—	Rs.	Rs.	Rs.	Rs.	Rs.
(1) <i>Head Works—</i>					
K. Buildings	1,608	1,782	3,390	4,568	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	1,03,009	...	1,03,009	1,01,659	1,01,659
K. Buildings	4,801	...	4,801	4,801	4,801
L. Earthwork	2,20,643	...	2,20,643	2,20,643	2,20,643
O. Miscellaneous	61,729	...	61,729	61,729	61,729
Total	5,01,244	...	5,01,244	4,99,894	4,99,894
(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
(5) Special tools and plant	...	...	...	...	...
Provision for unforeseen works	...	...	...	...	...
Total, Works	5,11,223	1,782	5,13,005	5,14,433	5,09,873
II. ESTABLISHMENT	1,28,374	317	1,28,691	1,29,119	1,28,139
III. TOOLS AND PLANT	8,233	14	8,247	8,270	8,226
Grand Total	6,47,830	2,113	6,49,943	6,51,822	6,46,238
V. <i>Less—RECEIPTS ON CAPITAL ACCOUNT</i>	114	...	114	114	114
* Net Total	6,47,716	2,113	6,49,829	6,51,708	6,46,124

* Chargeable to — 48. Minor Works and Navigation—Provincial.

ADMINISTRATIVE ACCOUNTS FOR THE YEAR 1920-21.

MADRAS PRESIDENCY.

CHEMBRAMBAUKAM TANK—Tank Project.

No. 3.—Revenue Account for and to end of 1920-1921.

Receipts.	TOTAL.			Charges.	TOTAL.		
	Previous.	1920-1921.	Total.		Previous.	1920-1921.	Total.
I. DIRECT RECEIPTS—	RS.	RS.	RS.	I. EXTENSIONS AND IMPROVEMENTS—	RS.	RS.	RS.
5. Receipts from plantations	242	..	242	(1) Head works	4,085	..	4,085
6. Receipts from other canal produce	2,002	250	2,252	(2) Main canals and branches	39,862	926	40,788
9. Rents of buildings	354	16	370	(3) Distributaries	2,828	1,620	4,448
10. Fines	5	..	5	(4) Drainage and protective works	..	..	..
11. Miscellaneous	3,590	1,919	5,509	(5) Special tools and plant	..	..	..
Total, Revenue realized in Public Works Department	6,193	2,165	8,378	Total	46,275	2,546	48,821
Irrigation Revenue realized in Civil Department	15,80,035	56,964	16,46,999	II. MAINTENANCE AND REPAIRS—			
Total, Direct Receipts	15,96,228	59,149	16,55,377	(1) Head works	37,198	..	37,198
II. INDIRECT RECEIPTS—				(2) Main canals and branches	2,79,886	5,849	2,85,735
Share of land revenue collected in the Civil Department	35,843	908	36,751	(3) Distributaries	14,404	..	14,404
Total, Public Works and Civil Departments, Revenue	16,32,071	60,057	16,92,128	(4) Drainage and protective works	..	..	..
				(5) Special tools and plant	..	..	..
				Add—Unclassifiable outlay	..	..	..
				Total	3,31,488	5,849	3,37,337
				Total, Extensions and Improvements and Maintenance and Repairs	3,77,763	8,395	3,86,158
				IV. ESTABLISHMENT	1,01,059	1,494	1,02,553
				V. TOOLS AND PLANT	1,864	67	1,931
				VI. REFUNDS OF REVENUE	45	..	45
				Total, Direct Charges	4,80,731	9,956	4,90,687
				Share of collection charges in the Civil Department	89,162	2,824	92,056
				Indirect charges	16,914	209	17,123
				Total, Direct and Indirect charges	5,86,807	13,059	5,99,866
				Deduct—Old maintenance charges saved to Government (a)	3,47,040	6,514	3,53,554
				Net Total	2,39,767	6,545	2,46,312
				Balance, net revenue	13,92,304	53,512	14,45,816
Total, Receipts	16,32,071	60,057	16,92,128	Grand Total	16,32,071	60,057	16,92,128

(a) Extensions and improvements	..	..	..	..	..	..	..	RS.
Maintenance and Repairs	..	..	..	..	..	..	..	2,283
Establishment	..	..	..	..	..	..	..	2,097
Tools and Plant	..	..	..	..	..	..	..	957
	..	..	..	..	..	..	..	43
Total, Direct Charges	..	..	..	..	..	..	..	6,380
Indirect charge	..	..	..	..	..	..	..	134
Grand Total	..	..	..	..	..	..	..	6,514

IRRIGATION BRANCH.

PUBLIC WORKS DEPARTMENT.

CHEMBRAMBAUKAM TANK—Tank Project.

No. 5.—Account of Indirect Charges for and to end of 1920–1921.

Particulars.	Previous.	1920–1921.	Total.
	Rs.	Rs.	Rs.
CAPITAL—			
Capitalization of abatement of land revenue ...	85,701	...	85,701
Leave and pension allowances ...	27,000	44	27,044
Total ...	1,12,701	44	1,12,745
REVENUE—			
Leave and pension allowances ...	16,914	209	17,123
Total ...	16,914	209	17,123
Grand Total ...	1,29,615	253	1,29,868

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

Particulars.	CHARGES AGAINST CLOSED SANCTIONS.			CURRENT SANCTIONS.			Total charges to date against old and current sanctions.	Remarks.
	Expenditure against construction estimate.	Expenditure against open canal sanction.	Total.	Charges to date.	Amount of sanctioned estimate.	Unspent balance of estimate.		
Direct Charges.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	
Works ...	4,91,801	18,072	5,09,873	3,132	4,560	1,428	5,13,005	
Establishment ...	1,24,534	3,605	1,28,139	552	980	428	1,28,691	
Tools and plant ...	8,204	22	8,226	21	44	23	8,247	
Suspense account ...	...	...	...	...	...	...	...	
Total ...	6,24,539	21,699	6,46,238	3,705	5,584	1,879	6,49,943	G.O. Mis. No. 405 I., dated 28th September 1917 ... 1,600 Mis. No. 229 I., dated 8th August 1919 ... 2,960
Less—Receipts on Capital Account ...	114	...	114	...	...	...	114	4,580
Net Total ...	6,24,425	21,699	6,46,124	3,705	5,584	1,879	6,49,829	
Indirect Charges.								
Capitalized abatement of land revenue ...	85,701	...	85,701	...	...	...	85,701	
Leave and pension allowances ...	26,463	505	26,968	76	...	—76	27,044	
Total ...	1,12,164	505	1,12,669	76	...	—76	1,12,745	
Grand Total ...	7,36,589	22,204	7,58,793	3,781	5,584	1,803	7,62,574	

ADMINISTRATIVE ACCOUNTS FOR THE YEAR 1920–21.

MADRAS PRESIDENCY.

MEHAMATTUR ANICUT SYSTEM—Canal Project.

No. 2.—Capital Account for and to end of 1920–1921.

Heads of account.	DIRECT CHARGES.			Cost of construction as now estimated (construction estimate closed in March 1891).	Expenditure against closed estimate.
	Previous.	1920–1921.	Total.		
	Rs.	Rs.	Rs.	Rs.	Rs.
I. WORKS—					
(1) Head Works—					
C. Works ...	56,967	..	56,967	56,967	56,967
(2) Main canals and branches—					
E. Falls and weirs ...	..	1,258	1,258	1,700	..
(3) Distributaries—					
C. Works ...	563	..	563	563	563
Total, Works ...	57,530	1,258	58,788	59,230	57,530
II. ESTABLISHMENT ...	13,231	513	13,744	13,614	13,231
III. TOOLS AND PLANT ...	..	6	6	25	..
(a) Grand Total ...	70,761	1,777	72,538	72,869	70,761

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

No. 3.—Revenue Account for and to end of 1920–1921.

Receipts.	TOTAL.			Charges.	TOTAL.		
	Previous.	1920–1921.	Total.		Previous.	1920–1921.	Total.
	Rs.	Rs.	Rs.		Rs.	Rs.	Rs.
I. DIRECT RECEIPTS—				I. EXTENSIONS AND IMPROVEMENTS—			
5. Receipts from plantations ...	999	37	1,036	(1) Head works ...	2,920	..	2,920
6. Receipts from other canal produce ...	1,702	56	1,758	(2) Main canals and branches ...	10,542	302	10,844
9. Rents of buildings ...	10	61	71	(3) Distributaries ...	5,042	..	5,042
11. Miscellaneous ...	35	..	35	(4) Drainage and protective works ...	..	..	..
Total, Revenue realized in Public Works Department ...	2,746	154	2,900	(5) Special tools and plant ...	..	..	..
Irrigation revenue realized in Civil Department ...	5,25,617	16,008	5,41,620	Add—Unclassifiable outlay ...	9,521	..	9,521
Total, Direct receipts ...	5,28,363	16,157	5,44,520	Total ...	28,023	302	28,327
				II. MAINTENANCE AND REPAIRS—			
				(1) Head works ...	38,921	442	39,363
				(2) Main canals and branches ...	46,527	1,036	47,563
				(3) Distributaries ...	24,803	..	24,803
				(4) Drainage and protective works ...	..	..	..
				(5) Special tools and plant ...	..	..	..
				Add—Unclassifiable outlay ...	45,826	..	45,826
				Total ...	1,56,077	1,478	1,57,555
				Total, Extensions and Improvements and Maintenance and Repairs ...	1,84,102	1,780	1,85,882
				IV. ESTABLISHMENT ...	42,584	726	43,310
				V. TOOLS AND PLANT ...	140	8	148
				VI. REFUNDS OF REVENUE ...	2	2	4
				Total, Direct Charges ...	2,26,828	2,516	2,29,344
				Share of collection charges in the Civil Department ...	26,421	803	27,224
				Indirect charges ...	5,312	102	5,414
				Total, Direct and Indirect Charges ...	2,59,561	3,421	2,62,982
				Deduct—Old maintenance charges saved to Government (a) ...	16,392	934	17,326
				Net Total ...	2,43,169	2,487	2,45,656
				Balance, net revenue ...	2,38,017	13,721	2,51,738
Total, Receipts ...	5,31,186	16,208	5,47,394	Grand Total ...	5,31,186	16,208	5,47,394

(a) Extensions and improvements	..	..	..	Rs.
Maintenance and repairs	..	..	..	126
Establishment	..	..	..	510
Tools and plant	..	..	..	259
	..	..	..	3
Total, Direct Charges	..	..	..	898
Indirect charges	..	..	..	86
Grand Total	..	..	..	934

IRRIGATION BRANCH.

PUBLIC WORKS DEPARTMENT

MEHAMATTUR ANICUT SYSTEM—Canal Project.

No. 5.—Account of Indirect Charges for and to end of 1920-1921.

Particulars.	Previous.	1920-1921.	Total.
	Rs.	Rs.	Rs.
CAPITAL—			
Capitalization of abatement of land revenue ...	45	...	45
Leave and pension allowances ...	1,852	72	1,924
Total ...	1,897	72	1,969
REVENUE—			
Capitalization of abatement of land revenue ...	354	...	354
Leave and pension allowances ...	5,958	102	6,060
Total ...	6,312	102	6,414
Grand Total ...	8,209	174	8,383

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

Particulars.	CHARGES AGAINST CLOSED SANCTIONS.			CURRENT SANCTIONS.			Total charges to date against old and current sanctions.	REMARKS.	
	Expenditure against construction estimate.	Expenditure against open canal sanction.	Total.	Charges to date.	Amount of sanctioned estimate.	Unspent balance of estimate.		G.O. No. and date.	Amount of estimate.
Direct Charges.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.		Rs.
Works ...	56,289	1,241	57,530	1,258	1,700	442	58,788		
Establishment ...	12,946	285	13,231	513	383	130	13,744		
Tools and plant ...	...	...	...	6	25	19	6		
Suspense account ...	...	...	...	...	...	...	...		
Total ...	69,235	1,526	70,761	1,777	2,108	331	72,538	Mis. 70 L. 20th March 1920.	1,700
Less—Receipts on Capital Account ...	...	...	...	...	...	...	...		
Net Total ...	69,235	1,526	70,761	1,777	2,108	331	72,538		
Indirect Charges.									
Capitalized abatement of land revenue ...	...	45	45	...	...	...	45		
Leave and pension allowances ...	1,812	40	1,852	72	...	72	1,924		
Total ...	1,812	85	1,897	72	...	72	1,969		
Grand Total ...	71,047	1,611	72,658	1,849	2,108	259	74,507		

ADMINISTRATIVE ACCOUNTS FOR THE YEAR 1920-21.

MADRAS PRESIDENCY.

VRIDDHACHALAM ANICUT SYSTEM—Canal Project.

No. 2.—Capital Account for and to end of 1920-1921.

Heads of account.	DIRECT CHARGES.			Cost of construction as now estimated (construction estimate closed in March 1923).	Expenditure against closed estimate.
	Previous.	1920-21.	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 1920-1921.

Receipts.	TOTAL.			Charges.	TOTAL.		
	Previous.	1920-1921.	Total.		Previous.	1920-1921.	Total.
I. DIRECT RECEIPTS—	Rs.	Rs.	Rs.	I. EXTENSIONS AND IMPROVEMENTS—	Rs.	Rs.	Rs.
5. Receipts from plantations ..	2,222	110	2,332	(1) Head works ..	6,629	..	6,629
6. Receipts from other canal produce ..	1,754	152	1,906	(2) Main canals and branches ..	16,836	648	16,484
9. Rents of buildings ..	28	6	34	(3) Distributaries ..	2,516	..	2,516
11. Miscellaneous ..	71	..	71	(4) Drainage and protective works ..	..	..	..
				(5) Special tools and plant ..	..	..	..
				Add—Unclassifiable outlay ..	1,968	..	1,968
				Total ..	33,949	648	34,597
Total, Revenue realized in Public Works Department ..	4,075	268	4,343	II. MAINTENANCE AND REPAIRS—			
Irrigation revenue realized in Civil Department ..	8,07,742	25,475	8,33,217	(1) Head works ..	45,560	702	46,262
				(2) Main canals and branches ..	56,806	2,330	59,136
				(3) Distributaries ..	41,346	..	41,346
				(4) Drainage and protective works ..	1,089	..	1,089
				(5) Special tools and plant ..	..	..	..
				Add—Unclassifiable outlay ..	53,862	..	53,862
				Total ..	1,98,663	3,039	2,01,702
				Total, Extensions and Improvements and Maintenance and Repairs ..	2,32,612	3,687	2,36,299
Total, Direct Receipts ..	8,11,817	25,743	8,37,560	IV. ESTABLISHMENT ..	53,578	1,505	55,083
II. INDIRECT RECEIPTS—				V. TOOLS AND PLANT ..	266	17	283
Share of land revenue collected in the Civil Department ..	18,578	294	18,872	VI. REFUNDS OF REVENUE ..	..	..	..
				Total, Direct Charges ..	2,86,446	5,207	2,91,653
Total, Public Works and Civil Departments, Revenue ..	8,30,395	26,037	8,56,432	Share of collection charges in the Civil Department ..	41,314	1,289	42,603
				Indirect charges ..	7,581	211	7,792
				Total, Direct and Indirect charges ..	3,35,341	6,707	3,42,048
Total, Receipts ..	8,30,395	26,037	8,56,432	Balance, net revenue ..	4,95,034	19,320	5,14,354
				Grand Total ..	5,30,335	26,037	5,56,432

IRRIGATION BRANCH.

PUBLIC WORKS DEPARTMENT.

VRIDDHACHALAM ANICUT SYSTEM—Canal Project.

No. 5.—Account of Indirect Charges for and to end of 1920-1921.

Particulars.	Previous.	1920-1921.	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	7,498	211	7,709
Total ...	7,581	211	7,792
Grand Total ...	10,075	211	10,286

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 1920-21.

MADRAS PRESIDENCY.

PELANDORAI ANICUT SYSTEM—Canal Project.

No. 2.—Capital Account for and to end of 1920-1921.

Heads of account.	DIRECT CHARGES.			Cost of construction as now estimated (closed in 1893).	Expenditure against estimate.
	Previous.	1920-1921.	Total.		
	Rs.		Rs.	Rs.	Rs.
I. WORKS—					
(1) Head Works—					
B. Land	...	...	...	...	...
C. Works	2,64,856	...	2,64,856	2,64,856	2,64,856
K. Buildings	4,192	...	4,192	4,192	4,192
O. Miscellaneous	2,102	...	2,102	2,102	2,102
Total ...	2,71,150	...	2,71,150	2,71,150	2,71,150
(2) 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	9,958	...	9,958	9,958	9,958
F. (1) Other cross drainage works	18,849	...	18,849	18,849	18,849
G. Bridges	15,786	...	15,786	15,786	15,786
H. Escapes	682	...	682	682	682
L. Earthwork	1,00,958	...	1,00,958	1,00,958	1,00,958
N. Tanks and reservoirs	38,505	...	38,505	38,505	38,505
Total ...	2,06,931	...	2,06,931	2,06,931	2,06,931
(3) 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	1,937	...	1,937	1,937	1,937
C. Works	10,463	...	10,463	10,463	10,463
L. Earthwork	10,027	...	10,027	10,027	10,027
O. Miscellaneous	3	...	3	3	3
Total ...	22,430	...	22,430	22,430	22,430
(5) Special tools and plant	...	...	...	...	...
Provision for unforeseen works	...	...	...	...	...
Total, Works ...	5,20,637	...	5,20,637	5,20,637	5,20,637
II. ESTABLISHMENT	1,17,367	...	1,17,367	1,17,367	1,17,367
III. TOOLS AND PLANT	6,064	...	6,064	6,064	6,064
Grand Total ...	6,44,068	...	6,44,068	6,44,068	6,44,068
V. Less—RECEIPTS ON CAPITAL ACCOUNT	798	...	798	798	798
* Net Total ...	6,43,270	...	6,43,270	6,43,270	6,43,270

(e) 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 1920-1921.

Receipts.	TOTAL.			Charges.	TOTAL.		
	Previous.	1920-1921.	Total.		Previous.	1920-1921.	Total.
I. DIRECT RECEIPTS—	RS.	RS.	RS.	I. EXTENSIONS AND IMPROVEMENTS—	RS.	RS.	RS.
5. Receipts from plantations ..	5,305	115	5,420	(1) Head works ..	16,572	..	16,572
6. Receipts from other canal produce ..	6,013	320	6,333	(2) Main canals and branches ..	41,323	1,087	42,410
9. Rents of buildings.	531	105	636	(3) Distributaries ..	18,178	..	18,178
10. Fines ..	1	..	1	(4) Drainage and protective works ..	..	..	..
11. Miscellaneous ..	602	18	627	(5) Special tools and plant ..	..	..	..
Total, Revenue realized in Public Works Department ..	12,159	559	12,717	Total ..	76,073	1,087	77,160
Irrigation Revenue realized in Civil Department ..	11,51,608	44,049	11,95,657	II. MAINTENANCE AND REPAIRS—	RS.	RS.	RS.
Total, Direct receipts ..	11,64,062	44,607	12,08,669	(1) Head works ..	2,90,618	2,220	2,92,838
II. INDIRECT RECEIPTS—				(2) Main canals and branches ..	2,90,582	8,500	2,99,082
Share of land revenue collected in the Civil Department.	4,271	75	4,347	(3) Distributaries ..	38,056	..	38,056
Total, Public Works and Civil Departments, Revenue ..	11,68,333	44,683	12,13,016	(4) Drainage and protective works ..	123	..	123
				(5) Special tools and plant ..	..	..	..
				Add—Unclassifiable outlay ..	..	..	..
				Total ..	6,19,379	10,720	6,30,099
				Total, Extensions and Improvements and Maintenance and Repairs ..	6,95,452	11,807	7,07,259
				IV. ESTABLISHMENT ..	1,68,666	4,813	1,68,449
				V. TOOLS AND PLANT ..	1,459	55	1,514
				VI. REFUNDS OF REVENUE ..	29	1	30
				Total, Direct charges ..	8,68,576	16,676	8,85,252
				Share of collection charges in the Civil Department ..	58,587	2,207	60,794
				Indirect charges ..	27,063	674	27,736
				Total, Direct and Indirect charges ..	9,49,225	19,557	9,68,782
				Deduct—(a) Old maintenance charges saved to Government ..	6,823	171	6,994
				Net Total ..	9,42,402	19,386	9,61,788
				Balance, Net revenue ..	2,26,931	25,397	2,51,228
				Grand Total ..	11,68,333	44,683	12,13,016

	Rs.
(a) Extensions and improvements	59
Maintenance and repairs	58
Establishment	47
Tools and plant	..
Total, Direct charges	164
Indirect charges	7
Grand Total	171

No. 5.—Account of Indirect Charges for and to end of 1920-1921.

Particulars.	Previous.	1920-1921.	Total.
CAPITAL—			
Capitalization of abatement of land revenue	RM. 27,607	RM. 27,607	27,607
Leave and pension allowances	20,840	20,840	20,840
Total ..	48,747	48,747	48,747
REVENUE—			
Capitalization of abatement of land revenue	1,043	1,043	1,043
Leave and pension allowances	23,019	674	23,993
Total ..	27,562	674	27,736
Grand Total ..	75,809	674	76,483

ADMINISTRATIVE ACCOUNTS FOR THE YEAR 1920-21.

MADRAS PRESIDENCY.

PELANDORAI ANICUT SYSTEM—Canal Project.

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

Particulars.	CHARGES AGAINST CLOSED SANCTIONS.			CURRENT SANCTIONS.			Total charges to date against old and current sanctions.	Remarks.
	Expenditure against construction estimate.	Expenditure against open canal sanction.	Total.	Charges to date.	Amount of sanctioned estimate.	Unspent balance of estimate.		
<i>Direct Charges.</i>	Rs.	Rs.	Rs.	Rs.			Rs.	
Works ..	3,32,345	1,88,292	5,20,637	..	..	..	5,20,637	
Establishment ..	78,999	43,368	1,17,367	..	..	..	1,17,367	
Tools and plant ..	4,438	1,626	6,064	..	..	..	6,064	
Suspense account ..	..	..	..	..	..	..	..	
Total ..	4,10,782	2,33,286	6,44,068	..	..	..	6,44,068	
Less—Receipts on Capital Account.	798	..	798	..	..	..	798	
Net Total ..	4,09,984	2,33,286	6,43,270	..	..	..	6,43,270	
<i>Indirect Charges.</i>								
Capitalized abatement of land revenue.	27,489	418	27,907	..	..	..	27,907	
Leave and pension allowances.	11,769	6,671	20,840	..	..	..	20,840	
Total ..	42,258	6,489	48,747	..	..	..	48,747	
Grand Total ..	4,52,242	2,39,775	6,92,017	..	..	..	6,92,017	

NANDYAR CHANNEL SYSTEM—*Canal Project.*

No. 2.—Capital Account for and to end of 1920-1921.

Heads of account.	DIRECT CHARGES.			Cost of construction as now estimated (construction estimate closed).	Expenditure against closed estimate.
	Previous.	1920-1921.	Total.		
I. WORKS—	RS.		RS.	RS.	RS.
(2) <i>Main Canals and Branches—</i>					
B. Land	3,003	..	3,003	3,003	3,003
D. Regulators	6,056	..	6,056	6,056	6,056
E. Falls and weirs	20,155	..	20,155	20,155	20,155
F. (1) Other cross drainage works	2,894	..	2,894	2,894	2,894
G. Bridges	15,879	..	15,879	15,879	15,879
K. Buildings	2,067	..	2,067	2,067	2,067
L. Earthwork	514	..	514	514	514
N. Tanks and reservoirs	908	..	908	908	908
O. Miscellaneous					
Total ..	51,476	..	51,476	51,476	51,476
Total, Works ..	51,476	..	51,476	51,476	51,476
II. ESTABLISHMENT	11,755	..	11,755	11,755	11,755
III. TOOLS AND PLANT	..	..	..	..	..
(a) Grand Total ..	63,231	..	63,231	63,231	63,231

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

IRRIGATION BRANCH.

PUBLIC WORKS DEPARTMENT.

NANDYAR CHANNEL SYSTEM—Canal Project.

No. 3.—Revenue Accounts for and to end of 1920-1921.

Receipts.	TOTAL.			Charges.	TOTAL.		
	Previous.	1920-1921.	Total.		Previous.	1920-1921.	Total.
I. DIRECT RECEIPTS—	RS.	RS.	RS.	I. EXTENSIONS AND IMPROVEMENTS—	RS.	RS.	RS.
5. Receipts from plan-				(1) Head works ..	2,242	..	2,242
tation ..	2,531	..	2,531	(2) Main canals and branches ..	3,501	..	3,501
6. Receipts from other				(3) Distributaries ..	558	..	558
canal produce ..	1,528	..	1,528	(4) Drainage and protective works ..	..	..	..
9. Rent of buildings ..	15	1	16	(5) Special tools and plant ..	..	..	..
11. Miscellaneous ..	1,601	541	2,142	Total ..	6,301	..	6,301
Total, Revenue realized in				II. MAINTENANCE AND REPAIRS—			
the Public Works De-				(1) Head works ..	5,078	..	5,078
partment ..	5,675	542	6,217	(2) Main canals and branches ..	40,958	2,743	43,701
Irrigation revenue realized				(3) Distributaries ..	7,061	..	7,061
in the Civil Department ..	75,017	6,469	81,486	(4) Drainage and protective works ..	..	..	..
Total, Direct Receipts ..	80,692	7,011	87,703	(5) Special tools and plant ..	..	..	..
II. INDIRECT RECEIPTS—				Add—Unclassifiable outlay ..	..	..	..
Share of Land Revenue				Total ..	53,127	2,743	55,870
collected in the Civil				Total, Extensions and Improvements			
Department ..	1,074	54	1,128	and Maintenance and Repairs ..	59,428	2,743	62,171
Total, Public Works and				IV. ESTABLISHMENT ..	13,988	1,337	15,325
Civil Departments,				V. TOOLS AND PLANT ..	562	9	571
Revenue ..	81,766	7,065	88,831	VI. REFUNDS OF REVENUE ..	..	..	..
				Total, Direct Charges ..	72,978	4,089	78,067
				Share of collection charges in the Civil			
				Department ..	3,802	326	4,128
				Indirect charges ..	2,999	187	3,186
				Total, Direct and Indirect Charges ..	79,879	4,602	84,481
				Deduct—Old maintenance charges saved			
				to Government ..	17,992	4,999	22,991
				Net Revenue ..	61,887	—397	61,490
				Balance, net revenue ..	19,879	7,462	27,341
Total, Receipts ..	81,766	7,065	88,831	Grand Total ..	81,765	7,065	88,831

* Deduct—

Extensions and Improvements ..	2,836
Maintenance and Repairs ..	371
Establishment ..	1,563
Tools and plant ..	10
Indirect ..	4,780
Total ..	4,999

No. 5.—Account of Indirect Charges for and to end of 1920-1921.

Particulars.	Previous.	1920-1921.	Total.
CAPITAL—			
Capitalization of abatement of land revenue ..	838	..	838
Leave and pension allowances ..	1,646	..	1,646
Total ..	2,484	..	2,484
REVENUE—			
Capitalization of abatement of land revenue ..	142	..	142
Leave and pension allowances ..	1,957	187	2,144
Total ..	2,099	187	2,286
Grand Total ..	4,583	187	4,770

ADMINISTRATIVE ACCOUNTS FOR THE YEAR 1920-21.

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.		
Works ..	43,438	7,988	51,426	..	..	..	51,426		
Establishment ..	10,002	1,753	11,755	..	..	..	11,755		
Tools and plant ..	..	..	..	..	..	..	..		
Surplus account ..	..	..	..	..	..	..	..		
Total ..	53,490	9,741	63,231	..	..	..	63,231		
Less—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 1920-1921.

Heads of account.	DIRECT CHARGES.			Cost of construc- tion as now estimated (construc- tion estimate closed in 1893).	Expendi- ture against closed estimate.
	Previous.	1920-1921.	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 "42. Minor Works and Navigation—Provincial."

IRRIGATION BRANCH.

PUBLIC WORKS DEPARTMENT.

MARUDUR ANICUT SYSTEM—Canal Project.

No. 3.—Revenue Account for and to end of 1920-1921.

Receipts.	TOTAL.			Charges.	TOTAL.		
	Previous.	1920-1921.	Total.		Previous.	1920-1921.	Total.
I. DIRECT RECEIPTS—				I. EXTENSIONS AND IMPROVEMENTS—			
5. Receipts from plantations ..	999	1,440	2,439	(1) Head works ..	30	..	30
6. Receipts from other canal produce ..	14,706	..	14,706	(2) Main canals and branches ..	10,630	278	10,806
11. Miscellaneous ..	2,586	8	2,594	(3) Distributaries ..	10,377	..	10,377
				(4) Drainage and protective works ..	4,094	..	4,094
				(5) Special tools and plant ..	..	..	..
				Add—Unclassifiable outlay ..	11,000	..	11,000
Total revenue realized in Public Works Department ..	18,291	1,448	19,739	Total ..	36,031	276	36,307
Irrigation revenue realized in Civil Department ..	37,03,649	95,145	37,98,791	II. MAINTENANCE AND REPAIRS—			
Total, Direct Receipts ..	37,21,937	96,593	38,18,530	(1) Head works ..	9,071	2,679	11,750
II. INDIRECT RECEIPTS—				(2) Main canals and branches ..	1,67,131	2,143	1,69,277
Share of land revenue collected in the Civil Department ..	10,888	270	11,158	(3) Distributaries ..	97,766	758	98,504
				(4) Drainage and protective works ..	7,363	590	7,953
				(5) Special tools and plant ..	..	..	..
Total, Public Works and Civil Departments, revenue ..	37,32,825	96,863	38,29,688	Add—Unclassifiable outlay ..	1,98,634	..	1,98,634
				Total ..	4,79,968	8,150	4,86,118
				Total, Extensions and Improvements and Maintenance and Repairs ..	5,15,999	6,426	5,22,425
				IV. ESTABLISHMENT ..	1,17,317	8,131	1,20,418
				V. TOOLS AND PLANT ..	176	20	196
				VI. REFUNDS OF REVENUE ..	145	..	145
				Total, Direct Charges ..	6,33,637	9,577	6,43,214
				Share of collection charges in the Civil Department ..	1,85,727	4,771	1,90,498
				Indirect charges ..	10,866	438	17,304
				Total, Direct and Indirect Charges ..	8,36,230	14,786	8,51,016
				Deduct—Old maintenance charges saved to Government. (a) ..	1,24,180	7,325	1,29,505
				Net Total ..	7,14,050	7,461	7,21,511
				Balance, net revenue ..	30,18,775	89,402	31,08,177
Total, Receipts ..	37,32,825	96,863	38,29,688	Grand Total ..	37,32,825	96,863	38,29,688

(a) Extensions and improvements ..	200
Maintenance and repairs ..	4,500
Establishment ..	2,290
Tools and plant ..	15
Total, Direct Charges ..	7,005
Indirect Charges ..	320
Grand Total ..	7,325

No. 5.—Account of Indirect Charges for and to end of 1920-1921.

Particulars.	Previous.	1920-1921.	Total.
CAPITAL—			
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 ..	16,422	438	16,860
Total ..	16,866	438	17,304
Grand Total ..	18,131	438	18,569

ADMINISTRATIVE ACCOUNTS FOR THE YEAR 1920-21.

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.									
Works ..	32,590	8,910	41,500	..	..	..	41,500		
Establishment ..	7,496	1,545	9,041	..	..	..	9,041		
Tools and plant ..	..	..	..	..	..	..	..		
Suspense 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 1920-1921.

Heads of account.	DIRECT CHARGES.			Cost of construction as now estimated.	Expenditure against closed estimate.
	Previous.	1920-1921.	Total.		
J. WORKS—					
(1) Head Works—					
A. Preliminary Expenses ..	936	..	936	1,020	..
B. Land ..	60,677	..	60,677	60,152	..
C. Works ..	23,706	..	23,706	12,362	..
K. Buildings ..	67	..	67	5,310	..
L. Earthwork ..	1,46,951	73	1,46,924	1,65,664	..
O. Miscellaneous (Unforeseen works) ..	11,441	475	11,916	7,960	..
P. Maintenance ..	611	..	611	486	..
Total ..	2,44,289	548	2,44,837	2,52,954	..
(3) Distributaries—					
A. Preliminary Expenses ..	425	..	425	880	..
B. Land ..	2,517	..	2,517	..	..
C. Works ..	1,460	..	1,460	..	..
L. Earthwork ..	957	..	957	11,005	..
O. Miscellaneous ..	..	..	..	..	..
Total ..	5,359	..	5,359	11,865	..
(5) Special tools and plant—					
Provision for unforeseen works ..	8,486	17,148	23,534	..	..
Total Works ..	2,43,162	16,600	2,59,762	2,64,839	..
II. ESTABLISHMENT ..	50,401	8,085	58,486	42,927	..
III. TOOLS AND PLANT ..	56,316	60	56,376	28,324	..
Grand Total ..	3,49,879	24,745	3,74,624	3,36,090	..
V. Less—RECEIPTS ON CAPITAL ACCOUNT.	619	29	648	..	..
(a) Net Total ..	3,49,260	24,714	3,73,974	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 1920-1921.

Particulars.	Previous.	1920-1921.	Total.
CAPITAL—	RS.	RS.	RS.
Capitalization of abatement of land revenue	5,396	—	5,396
Leave and pension allowances	7,056	1,132	5,924
Total	12,452	1,132	11,320
Grand Total	12,452	1,132	11,320

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	..	..	..	2,23,562	3,64,839	38,277	2,26,562	228 L., 11th June 1917.	2,64,839
Establishment	..	..	..	42,316	42,927	611	42,316		
Tools and plant	..	..	..	56,253	25,324	27,932	56,256		
Suspense account	..	..	..	..	..	..	..		
Total	..	..	..	3,25,134	3,36,090	10,956	3,25,134		
Less—Receipts on Capital Account	..	..	..	648	..	— 648	648		
Net total	..	..	..	3,24,486	3,36,090	11,604	3,24,486		
Indirect Charges.								Indirect Charges.	
Capitalized abatement of land revenue	..	..	..	5,396	62,500	57,104	5,396	228 L., 11th June 1917.	68,610
Leave and pension allowances	..	..	..	5,924	6,010	86	5,924		
Total	..	..	..	11,320	68,510	57,190	11,320		
Grand Total	..	..	..	3,35,806	4,04,600	68,794	3,35,806		

CHILKA LAKE CANAL—Canal Project.

No. 2.—Capital Account for and to end of 1920-1921.

Heads of account.	DIRECT CHARGES.			Cost of construction as now estimated (closed on 31st March 1893).	Expenditure against closed estimate.
	Previous.	1920-1921.	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
(5) Special tools and plant—					
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 1920-21.

MADRAS PRESIDENCY.

CHILKA LAKE CANAL—Canal Project.

No. 3.—Revenue Account for and to end of 1920-1921.

Receipts.	TOTAL.			Charges.	TOTAL.		
	Previous.	1920-1921.	Total.		Previous.	1920-1921.	Total.
1. DIRECT RECEIPTS—	RS.		RS.	I. EXTENSIONS AND IMPROVEMENTS—	RS.		RS.
5. Receipts from Plan-	102	..	102	(1) Head works	..	..	..
tation	..	..	..	(2) Main canals and branches	..	..	..
Receipts from	..	..	..	(3) Distributaries	50	..	50
other canal pro-	194	..	194	(4) Drainage and protective works	..	..	..
duce	135	..	135	(5) Special tools and plant—	..	..	..
11. Miscellaneous	..	..	..	Total	50	..	50
Total, Revenue realized	431	..	431	II. MAINTENANCE AND REPAIRS—			
in the Public Works	..	..	..	(1) Head works	20,488	..	20,488
Department	..	..	..	(2) Main canals and branches	..	..	..
Total, Public Works and	431	..	431	(3) Distributaries	..	..	..
Civil Departments, Rev-	..	..	..	(4) Drainage and protective works	..	..	..
enue	..	..	..	(5) Special tools and plant—	..	..	..
	..	..	..	Add—Unclassifiable outlay	..	..	..
	..	..	..	Total	20,488	..	20,488
	..	..	..	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. REFUND OF REVENUE	..	..	..
	..	..	..	Total, Direct Charges	25,206	..	25,206
	..	..	..	Share of collection charges in the	..	..	..
	..	..	..	Civil Department	..	..	..
	..	..	..	Indirect charges	652	..	652
	..	..	..	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 1920-1921.

Particulars.	Previous.	1920-1921.	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	

IRRIGATION BRANCH.

PUBLIC WORKS DEPARTMENT.

GANJAM-GOPALPUR CANAL—Canal Project.

No. 2.—Capital Account for and to end of 1920-1921.

Heads of account.	DIRECT CHARGES.			Cost of construction as now estimated (closed in 1893).	Expenditure against closed estimate.
	Previous.	1920-1921.	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
C. Miscellaneous	7,327	..	7,327	7,327	7,327
Total ..	1,02,675	..	1,02,675	1,02,675	1,02,675
5. Special tools and plant—					
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
.. Loss—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 1920-1921.

Receipts.	TOTAL.			Charges.	TOTAL.		
	Previous.	1920-1921.	Total.		Previous.	1920-1921.	Total.
	RS.	RS.	RS.		RS.	RS.	RS.
DIRECT RECEIPTS—				I. EXTENSIONS AND IMPROVEMENTS—			
5. Receipts from plantations ..	764	116	880	(1) Head works	..	..	..
6. Receipts from other canal produce ..	285	..	285	(2) Main canals and branches ..	555	..	555
11. Miscellaneous	247	..	247	(3) Distributaries	..	..	..
Total, Revenue realized in the Public Works Department ..	1,296	116	1,412	(4) Drainage and protective works ..	..	..	..
Total, Public Works and Civil Departments, Revenue ..	1,296	116	1,412	(5) Special tools and plant—			
				Total ..	555	..	555
				II. MAINTENANCE AND REPAIRS—			
				(1) Head works	..	..	..
				(2) Main canals and branches ..	4,089	294	4,383
				(3) Distributaries	..	..	..
				(4) Drainage and protective works ..	..	..	..
				(5) Special tools and plant—			
				Add—Unclassifiable outlay ..	..	..	..
				Total ..	4,089	294	4,383
				Total, Extensions and Improvements and Maintenance and Repairs ..	4,644	294	4,938
				IV. ESTABLISHMENT	1,041	130	1,180
				V. TOOLS AND PLANT	18	7	20
				VI. REFUNDS OF REVENUE	..	..	..
				Total, Direct Charges ..	5,698	440	6,138
				Share of collection charges in the Civil Department	..	..	..
				Indirect Charges	447	19	466
				Total, Direct and Indirect Charges ..	6,145	459	6,604
				Balance, net revenue	4,849	343	5,192
Total, Receipts ..	1,296	116	1,412	Grand Total ..	1,296	116	1,412

ADMINISTRATIVE ACCOUNTS FOR THE YEAR 1920-21.

MADRAS PRESIDENCY.

BUCKINGHAM CANAL—Canal Project.

No. 3.—Revenue Account for and to end of 1920-1921.

Receipts.	TOTAL.			Charges.	TOTAL.		
	Previous.	1920-1921.	Total.		Previous.	1920-1921.	Total.
	RS.	RS.	RS.		RS.	RS.	RS.
I. DIRECT RECEIPTS—				I.—EXTENSIONS AND IMPROVEMENTS—			
3. Sale of water ..	450	..	450	(1) Head works	..	..	..
5. Receipts from plantations ..	8,037	644	8,681	(2) Main canals and branches ..	1,24,449	— 14,786	1,09,663
6. Receipts from other canal produce ..	69,345	1,832	71,167	(3) Distributaries	352	..	352
8. Navigation receipts ..	32,25,520	73,952	32,99,472	(4) Drainage and protective works ..	..	..	..
9. Rents of buildings ..	7,051	208	7,259	(5) Special tools and plant ..	..	..	..
10. Fines	1,363	6	1,369	Total ..	1,24,801	— 14,786	1,10,015
11. Miscellaneous ..	18,681	739	19,420	II.—MAINTENANCE AND REPAIRS—			
Receipts for which classification is not obtainable ..	14,11,168	..	14,11,168	(1) Head works	..	..	..
Total revenue realized in the Public Works Department ..	47,41,615	77,371	48,18,986	(2) Main canals and branches ..	39,08,079	1,97,346	41,05,425
Total, Direct receipts ..	47,41,615	77,371	48,18,986	(3) Distributaries	..	..	..
Total, Public Works and Civil Departments, Revenue ..	47,41,615	77,371	48,18,986	(4) Drainage and protective works ..	..	..	..
				(5) Special tools and plant ..	— 117	3,212	3,125
				Add—Unclassifiable outlay ..	2,88,470	..	2,88,470
				Total ..	41,96,432	2,00,588	43,97,020
				Total, Extensions and Improvements and Maintenance and Repairs ..	43,21,233	1,85,802	45,07,035
				IV. ESTABLISHMENT	12,62,740	33,080	12,95,820
				V. TOOLS AND PLANT	1,28,270	1,478	1,29,748
				VI. REFUNDS OF REVENUE	21,545	529	22,074
				Total, Direct Charges ..	57,33,788	2,20,889	59,54,677
				Share of collection charges in the Civil Department	..	..	..
				Indirect charges	1,76,532	4,631	1,81,163
				Total, Direct and Indirect Charges ..	59,10,320	2,25,520	61,35,840
				Balance, net revenue	— 11,68,705	— 1,48,149	— 18,16,854
Total, Receipts ..	47,41,615	77,371	48,18,986	Grand Total ..	47,41,615	77,371	48,18,986

IRRIGATION BRANCH.

PUBLIC WORKS DEPARTMENT.

BUCKINGHAM CANAL—Canal Project.

No. 5.—Account of Indirect Charges for and to end of 1920-1921.

Particulars.	Previous.	1920-1921.	Total.
	Rs.	Rs.	Rs.
CAPITAL—			
Capitalization of abatement of land revenue	2,62,365	...	2,62,365
Leave and pension allowances	2,26,552	244	2,26,796
Total ...	4,88,917	244	4,89,161
REVENUE—			
Capitalization of abatement of land revenue	363	...	363
Leave and pension allowances	1,76,169	4,631	1,80,800
Total ...	1,76,532	4,631	1,81,163
Grand Total ...	6,65,449	4,875	6,70,324

NATIVE ACCOUNTS FOR THE YEAR 1920-21.

MADRAS PRESIDENCY.

VEDARANNIYAM CANAL—Canal Project.

No. 2.—Capital Account for and to end of 1920-1921.

Heads of account.	DIRECT CHARGES.			Cost of construction as now estimated closed in 1893.	Expenditure against closed estimate.
	Previous.	1920-1921.	Total.		
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
Establishment	24,814	..	24,814	24,814	24,814
(a) Grand Total ..	1,32,699	..	1,32,699	1,32,699	1,32,699

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

No. 3.—Revenue Accounts for and to end of 1920-1921.

Receipts.	TOTAL.			Charges.	TOTAL.		
	Previous.	1920-1921.	Total.		Previous.	1920-1921.	Total.
RECEIPTS—	Rs.	Rs.	Rs.	I. EXTENSIONS AND IMPROVEMENTS—	Rs.	Rs.	Rs.
Receipts from plantations	118	5	123	(1) Head works	3,516	..	3,516
Receipts from other canal produce	676	1	677	(2) Main canals and branches	..	..	..
Navigation receipts	33,879	555	34,434	(3) Distributaries	638	..	638
Fines	145	..	145	(4) Drainage and protective works	114	..	114
Miscellaneous	14	..	14	(5) Special tools and plant	..	..	..
Total Revenue realized in Public Works Department	34,832	561	35,393	Total ..	4,040	..	4,040
Direct Receipts ..	34,832	561	35,393	II. MAINTENANCE AND REPAIRS—			
Total, Public Works and Civil Departments, Revenue ..	34,832	561	35,393	(1) Head works	1,66,888	9,350	1,76,238
				(2) Main canals and branches	..	..	..
				(3) Distributaries	3,591	..	3,591
				(4) Drainage and protective works	53	..	53
				(5) Special tools and plant	..	..	..
				Adi.—Unclassifiable outlay ..	..	..	..
				Total ..	1,70,527	9,350	1,79,877
				Total, Extensions and Improvements and Maintenance and Repairs ..	1,74,567	9,350	1,83,917
				IV. ESTABLISHMENT ..	43,180	3,813	46,993
				V. TOOLS AND PLANT ..	7,492	43	7,535
				VI. REFUNDS OF REVENUE ..	41	..	41
				Total, Direct Charges ..	2,25,280	13,206	2,38,486
				Share of collection charges in the Civil department	6,678	534	7,212
				Indirect charges	..	..	..
				Total, Direct and Indirect Charges ..	2,31,958	13,740	2,45,698
				Balance, net revenue	1,97,106	13,179	2,10,285
Total, Receipts ..	34,832	561	35,393	Grand Total ..	34,832	561	35,393

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 ..	66,72,338	93,809	67,66,147	31,902	36,875	4,973	67,98,049	74 I., 21st Feb. 1917.	
Establishment ..	15,85,806	17,367	16,03,173	5,398	7,928	2,530	16,08,571	Mis. 84 I., 28th Mar. 1919.	1,380
Tools and plant ..	1,80,720	82	1,80,802	152	519	367	1,80,954	Mis. 518 I., 15th Feb. 1917.	2,230
Suspense account.	..	..	..	..	..	..	..	Mis. 378 I., 22nd Dec. 1919.	30,800
Total ..	84,38,864	1,11,258	85,50,122	37,452	45,322	7,870	85,87,574	Mis. 306 I., 15th Oct. 1920.	2,465
Less—Receipts on Capital Account.	4,502	19,857	24,359	6	..	— 6	24,365		
Net Total ..	84,34,362	91,401	85,25,763	37,446	45,322	7,876	85,63,209		
Indirect Charges.									
Capitalized abatement of land revenue	2,62,365	..	2,62,365	..	..	..	2,62,365		
Leave and pension allowances	2,23,608	2,431	2,26,039	757	..	— 757	2,26,796		
Total ..	4,85,973	2,431	4,88,404	757	..	— 757	4,89,161		
Grand Total ..	89,20,335	93,832	90,14,167	38,203	45,322	7,119	90,52,370	Total ..	36,875

IRRIGATION BRANCH.

PUBLIC WORKS DEPARTMENT.

VEDARANNIYAM CANAL—Canal Project.

No. 5.—Account of Indirect Charges for and to end 31-12-1921.

Particulars.	Previous.	1920-1921.	Total.
CAPITAL—	Rs.	Rs.	Rs.
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	6,023	534	6,557
Total ...	6,678	534	7,212
Grand Total ...	10,411	534	10,945

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 ...	1,07,885	...	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		
Less—Receipts on Capital Account.	...	...	...	...	...	...	...		
Net Total ...	1,32,699	...	1,32,699	...	...	...	1,32,699		
Indirect Charges.									
Capitalized abatement of land revenue ...	...	259	259	...	...	...	259		
Leave and pension allowances ...	3,474	...	3,474	...	...	...	3,474		
Total ...	3,474	259	3,733	...	...	...	3,733		
Grand Total ...	1,36,173	259	1,36,432	...	...	...	1,36,432		

MADRAS,
15th October 1921.E. D. CHANTER,
Deputy Accountant-General.