1951-52

VICTORIA

STATE RIVERS AND WATER SUPPLY COMMISSION.

FORTY-SIXTH

ANNUAL REPORT,

1950-51.

PRESENTED TO BOTH HOUSES OF PARLIAMENT PURSUANT TO THE PROVISIONS OF THE WATER ACTS.

[*Approximate cost of Report*:—Preparation—Not given. Printing (1,100 copies), £800.]

By Authority:

J. J. GOURLEY, GOVERNMENT PRINTER, MELBOURNE.

No. 16.—[5s.]—10876/51

STATE RIVERS AND WATER SUPPLY COMMISSION.

100–110 Exhibition Street,
Melbourne, C.1,

ANNUAL REPORT, 1950-51.

In compliance with the provisions of the Water Acts, the State Rivers and Water Supply Commission has the honour to present to Parliament the following Report and Statement for the Financial Year 1950-51, and Estimates for the ensuing year.

L. R. EAST, C.B.E., Chairman.
M.C.E., M.Inst.C.E., M.Am.Soc.C.E., M.I.E.Aust.
H. W. McCAY, Commissioner.
B.C.E., M.I.E.Aust., M.I.W.E.
J. A. AIRD, Commissioner.
B.S.Agr. (Calif.), B.Agr.Sc., Dip.Com.

L. DUGGAN, J.P., Secretary.

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ANNUAL REPORT

OF THE

STATE RIVERS AND WATER SUPPLY COMMISSION

FOR

YEAR ENDED 30TH JUNE, 1951.

SUMMARY OF REPORT.

The State Rivers and Water Supply Commission was constituted on 1st May, 1906, under the provisions of the Water Act 1905.

WATER SUPPLY.

The total capacity of water storages controlled by the Commission is 1,975,780 acre feet, including Victoria's half share of River Murray storages.

The total area of lands in Victoria supplied with water for domestic and stock purposes or for irrigation by channels, tanks, bores, and pipe lines is 15,313,480 acres.

The Commission's storages contained 1,583,715 acre feet at 1st July, 1950, and, at 30th June, 1951, they contained 1,682,990 acre feet.

Total water deliveries for the year from the Commission's irrigation systems were 662,111 acre feet.

The number of diversions from streams issued under long-term licences and annual permits totalled 3,325.

DOMESTIC AND STOCK SUPPLIES.

The Wimmera Mallee Waterworks System supplies water for domestic and stock purposes to almost the whole of the region known as the Wimmera, and to large portions of the Mallee districts serving in all some 11,000 square miles of land used for wheat farming and pastoral pursuits.

IRRIGATION PRODUCTION AND DEVELOPMENT.

The area irrigated during the year was 716,051 acres.

Production from irrigated lands for year 1949-50 was £22,500,000.

NEW PROJECTS.

A contract for the enlargement of Eildon Reservoir from its present capacity of 306,000 acre feet to 2,750,000 acre feet was let to the Utah Construction Company of America for an amount of £11,359,791. The period of the contract is 4 years and 36 weeks commencing on 5th January, 1951. Other contracts have been let for the construction of the new Eildon township and for the provision of necessary township services.

Substantial progress was made on other projects during the year.

TOWN SUPPLIES.

Towns in the State having a reticulated water supply number 266, with a total population of 486,300. Of these towns, 130 are administered by the Commission and the balance, 136, by Local Governing Bodies.

SOLDIER SETTLEMENT.

Sub-division of blocks in the Soldier Settlement area in the Murray Valley district is proceeding, 334 having already been allotted.

Construction of the Robinvale Soldier Settlement which commenced in January 1947, is progressing satisfactorily, 135 blocks having already been allotted.

FINANCE.

The total receipts for water rates and charges for the financial year 1950–51, amounted to a record of £1,032,247, the previous highest collection being £1,008,378 in 1949–50. Other receipts amounted to £560,086.

The net Loan Liability of the State for works of water supply and drainage at 30th June, 1951, was £46,128,602, exclusive of the equity in National Debt Sinking Fund.

Of the net Loan Liability at 30th June, 1951, £2,916,132 is charged to Waterworks Trusts and other Local Governing Bodies ; £1,149,842 is debited to districts directly controlled by the Commission and to the Central Plant Workshops, Bendigo; £1,567,193 is debited to the Plant and Machinery Account ; £2,145 to River Improvement Trusts ; and the balance, £40,493,290, is borne by the State.

The total Interest Charges for 1950–51 amounted to £1,554,700.

Waterworks Trusts and Local Governing Bodies paid to the Treasury as interest on loans the sum of £94,455.

In addition, Interest amounting to £16,447 in respect of Districts and Divisions under its control was met by the Commission.

In districts, the capital liability of which has been adjusted, the operations for the year resulted in a net loss of £161,206 after providing for interest, redemption, and depreciation.

A loss of £202,727 was incurred in operating districts to which the supply was continued by direction of Governor in Council. This amount was debited to the "Revenue Expenditure Chargeable to the State Account".

The net cost to the State for Interest and Exchange, loss on districts supplied by direction of Governor in Council, and services not directly chargeable to water-users, was £1,641,456.

The value of stores and equipment held in the Stores Suspense Account as at 30th June, 1951, was £816,913.

The value of movable plant and machinery held in the Plant and Machinery Account as at 30th June, 1951, was £1,567,193.

A sum of £97,425 was paid into Consolidated Revenue in respect of depreciation payments by Commission's Districts for the year 1950–51.

The amount at credit of Water Supply Plant and Machinery Depreciation Fund as at 30th June, 1951, was £378,911.

The arrears of water rates and charges outstanding at 30th June, 1951, was £205,060.

The amount included in the Budget Estimate for 1951–52 for Vote Expenditure on works and services under the control of the Commission is £2,208,120. This amount is £55,500 less than the Commission's estimated requirements.

RATING.

The total net annual valuation of properties within Irrigation and Waterworks Districts and Urban Districts and divisions thereof, including the Coliban System, amounted to £4,732,169, indicating a total capital value of over £94,000,000.

The total number of rating assessments in the districts supplied with water by the Commission is 84,641, and the total number of assessments in Drainage and Flood Protection Districts is 6,499.

PART I.—GENERAL.

During the period covered by this Report from the 1st July, 1950, to the 30th June, 1951, the expenditure by the Commission on water conservation and distribution reached the all-time record of £7,000,000, and it might well be considered to be the year during which greater progress has been made in water conservation than in any other period of the State's history. It was fitting, therefore, that the year culminated in the commencement of Australia's greatest water conservation work—the Big Eildon Project—which was officially commenced by the Premier on the 15th June, 1951. Particular reference to this and other works being carried out by the Commission appears elsewhere in this Report.

During the year notable progress was made on water conservation works in all parts of the State, while irrigation channels continued to extend into areas where assured supplies of water will considerably increase primary production. The ever increasing world demand for food makes it essential that every effort be made to complete irrigation projects as early as possible as they play such an important part in providing increased food supplies not only for the citizens of Victoria but also for people in many other parts of the world.

Staff shortages continued to retard the investigation and planning of new works, but far more serious was the effect of rising costs on the maintenance of existing water supply works in a satisfactory condition. It is apparent that higher rates and charges will be required to enable districts to be brought to and maintained at the efficiency essential for their successful operation.

In Australia, owing to shortage of plant and basic materials it has become necessary recently to call world-wide tenders for the supply of essential material and for the carrying out of some of the Commission's major operations. This policy of carrying out major works by contract cannot be pursued with success, and in fact, has inherent weaknesses if the Commission cannot be given assurances that funds will be available to meet contract payments on works which extend over more than one year. The policy of deciding after the commencement of each financial year what monies will be made available for that year with no decisions in regard to the following years makes it impossible for a constructing Authority to plan and efficiently carry to a successful conclusion works which may take up to five years to complete.

LEGISLATION.

The following Acts affecting the Commission were passed by Parliament in the 1950–51 session :—

Act No. 5497.—An Act relating to the removal of the Township of Tallangatta to a new site.

The work, now in hand, to increase the capacity of Hume Reservoir to 2,000,000 acre feet, by raising the level of the existing dam, will result in the submergence of a large part of Tallangatta township, including most of the business section. This Act authorizes the Commission to acquire an alternative site for the township, and to arrange for the transfer of the township to this new site.

Act No. 5492.—An Act to amend the Water Acts.

This Act is largely a machinery measure which, amongst other things, authorizes the conversion of the Yatchaw Waterworks Trust and the Bendigo Creek Trust into River Improvement Trusts under the *River Improvement Act* 1948, thereby simplifying the administrative and financial procedure of these bodies.

ENLARGEMENT OF HUME RESERVOIR.—TALLANGATTA TOWNSHIP REMOVAL.

Following the recommendation of the Parliamentary Public Works Committee that the township of Tallangatta be transferred to a site in the vicinity of Bolga because flooding of portion of the present township area will result from the enlargement of the Hume Reservoir, special legislation in the form of the *Tallangatta Township* (*Removal*) *Act* 1950 was approved by Parliament and proclaimed in November, 1950.

Under the provisions of the Act the Commission may—

" (*a*) acquire any land within the Tallangatta Urban Area ;

(*b*) acquire land in the vicinity of the Tallangatta Urban Area as a site for a new township to which residents of the Tallangatta Urban Area may move."

The Commission has appointed a resident Executive Engineer at Tallangatta to supervise the carrying out of the various works involved in the transfer. Detailed contour surveys and aerial photographs of the new site have been made and planning of the new township, in consultation with the Town and Country Planning Board and the Shire Council, and with the assistance of an Advisory Committee of local residents, is in hand.

To prevent the growth of undesirable shanty settlements during the period of transfer, the Commission is taking steps under the provisions of the Act to issue an Interim Developmental Order in respect of the new and old township areas and their environs.

The enlargement of the reservoir will necessitate extensive deviations of the Murray Valley Highway and the Wodonga–Cudgewa railway in the vicinity of Tallangatta and the Commission is conferring with the Victorian Railways Department and the Country Roads Board in regard to those matters.

PROPOSED MARRABOOR WEIR IN THE RIVER MURRAY.

Investigations into the proposal to construct a weir in the River Murray in the vicinity of Swan Hill referred to in the last Annual Report have been carried out by the State Rivers and Water Supply Commission and the Water Conservation and Irrigation Commission of New South Wales. An interstate committee, known as the Marraboor Weir Committee, and comprising representatives from both Commissions, was set up in January, 1948, to conduct the investigations.

These investigations have been extensive and thorough with a view to ascertaining the practicability and probable cost of a weir immediately above the effluence of the Little Murray or Marraboor River. The provision of such a weir would provide for more efficient distribution of water to the Swan Hill District in Victoria and for the supply of irrigation requirements to an extensive area of lands not now watered on the New South Wales side of the river.

In its report the Committee recommended the construction of a weir with vertical lift gates. The estimated cost was £488,000 based on wages and costs applicable as at August, 1950. The provision of a navigation lock in addition to the weir structure would require a further expenditure estimated at £107,000.

The proposal was discussed by the New South Wales Minister for Conservation, and the Victorian Minister of Water Supply at a conference in March, 1951, when it was agreed :—

1. " That the construction of a weir across the River Murray for irrigation purposes above the effluence of the Marraboor or the Little Murray River is desirable on the lines recommended by the Committee of Engineers representing the New South Wales Water Conservation and Irrigation Commission and the Victorian State Rivers and Water Supply Commission ".

2. " That in view of the national importance of the work, it should be carried out by the River Murray Commission under the River Murray Agreement ".

3. " To recommend that the States of New South Wales and Victoria approve of the proposal and ask the Commonwealth Government to refer it to the River Murray Commission ".

The Victorian Government has expressed its concurrence in the proposal to construct the weir and has asked the Commonwealth Government that it should be carried out by the River Murray Commission under the River Murray Agreement.

It is understood that the Commonwealth Government is awaiting the views of the New South Wales Government in regard to this proposal.

RIVER MURRAY COMMISSION.

The appointment of Mr. L. R. East as Victorian representative on the River Murray Commission was extended for a further period of five years from 1st February, 1951. Mr. East has represented Victoria since 1936.

Work on the enlargement of Hume Reservoir to 2,000,000 acre feet capacity, by arrangement, is being carried out by the New South Wales Public Works Department as the Constructing Authority for the works on both the New South Wales and Victorian sides of the river.

Further progress has been made with the comprehensive investigation of possible storage sites on the Upper Murray and its tributaries referred to in last year's Annual Report.

INTERNATIONAL COMMISSION ON IRRIGATION AND DRAINAGE.

At the request of the Commonwealth Government and with the concurrence of the Victorian Government, the Commission agreed to make available its Assistant Chief Designing Engineer, Mr. R. A. Horsfall, M.B.E., M.C.E., B.Mech.E., A.M.I.E. Aust., for a short visit to India during January and February of this year, as Australian delegate to the First Congress of the International Commission on Irrigation and Drainage. This organization had been sponsored by the Government of India on similar lines to the World Power Conference and the Congress on High Dams.

Mr. Horsfall, who also represented the Commonwealth at the New Delhi session of the United Nations Economic Commission for Asia and the Far East Conference on Flood Control, and the Commission at the Bombay meeting of the International Association for Hydraulic Research, travelled some 20,000 miles in 50 days' absence from Melbourne.

He inspected most of the major civil engineering works in India, notably the Bhakra–Nangal, Damodar Valley, and Hirakud Projects, which feature in the Colombo Plan, and the extensive irrigation system in the valley of the River Ganges.

He also visited Colombo to meet the Director of Irrigation for Ceylon.

Mr. Horsfall discussed irrigation problems with many of the 800 engineers from 37 different countries who attended the various sessions, and has submitted reports to the Commonwealth Departments concerned as well as the Queensland Irrigation and Water Supply Commission and the New South Wales Irrigation and Water Conservation Commission, these authorities having asked for information on specific subjects.

The Commission takes this opportunity of recording its appreciation of assistance given to Mr. Horsfall by N. D. Gulhati, Secretary-General of the International Commission on Irrigation and Drainage, the High Commissioner for Australia in New Delhi, and the various Official Secretaries and Australian Trade Commissioners with whom he came in contact, all of whom were most helpful.

ADMINISTRATION.

Deaths and Retirements.

The Commission records with deep regret the death during the year of the following officers :—

P. H. Todd, Mechanical Engineer ; R. C. C. Dunn and A. L. R. Bright, Clerks ; M. J. D. Kelly, E. W. J. Morvell, and J. L. Monti, Water Bailiffs.

The Commission wishes to express its appreciation of the loyal and valuable services rendered by the following officers, who retired during the year on account of ill-health or on attaining the statutory retiring age :—

Mr. E. A. Ryland, Chief Valuer ; Mr. T. Scott, Mechanical Engineer ; Mr. H. S. Mitchell, Assistant Divisional Engineer ; Inspector T. Bowen ; Overseers S. G. Miller, A. E. Battye and S. L. Pianto ; Water Bailiffs M. R. McCaughley and R. McCoy ; Senior Ranger F. J. Pickering ; and Assistants J. G. Chigwidden, E. C. Goddard and C. O. Jolly.

Promotions.

Senior promotions during the year were :—

Messrs. H. E. Harding, B.Sc. (Calif.), Senior Divisional Engineer ; D. Clark, A.M.I.E. Aust., Divisional Engineer, H. B. Lincoln, A.M.I.E. Aust., Divisional Engineer, L. P. Ilott, D.E. (Vienna), Senior Designing Engineer, J. D. Lang, B.C.E., A.M.I.E. Aust., Senior Designing Engineer ; C. A. R. Evans, B.E., Executive Engineer, Grade I. ; and P. E. Olsen, B.E. Executive Engineer, Grade I.

Resignations.

During the year, 194 officers and employees resigned from the Commission's service, of whom 26 were engineers and surveyors, 36 were draughtsmen or draughtswomen, 65 were clerks, 30 were typistes, 13 were bailiffs, and 24 other officers and employees. Included in the resignations were Messrs. I. B. Hughes, A.M.I.E. Aust., Divisional Engineer; F. Penman, Chief Irrigation Officer ; T. K. Anderson, B.C.E., Senior Executive Engineer ; J. M. McIntyre, B.Sc. (Civ. Eng.) Executive Engineer ; and C. E. J. Lee, A.M.I.E. Aust., Mechanical Engineer.

Staff.

The following statement shows the number of officers on the Commission's staff at 30th June, 1951.

	1951.		
	Permanent.	Temporary.	Total.
Professional Officers	295	100	395
Clerical Officers	154	104	258
General	449	230	679
Totals	898	434	1,332
Percentage Employees on Temporary basis	33 per cent.		

IRRIGATION, PRODUCTION, AND DEVELOPMENT, SEASON 1950–51.

Weather conditions were normal during the winter, but the summer was exceptionally hot and dry. Heavy rain, which fell about mid-February, broke the drought and caused flooding in some districts. Further heavy rains caused similar damage in June.

The rain in mid-February germinated annual pastures, and the following hot dry weather resulted in a very high delivery of irrigation water for the month of March. However, deliveries in spring were lower than usual, and the total deliveries to Commission Districts were 691,381 acre feet and the total area irrigated 716,051 acres as shown in Appendices A and E.

Production.

Conditions on the whole were unfavourable for soft fruit production during the season, and only moderate crops were harvested. The unusually dry summer probably had an adverse effect on production and the late summer rains also caused damage. In some individual cases losses were very heavy. As well as this, shortages of labour and equipment hindered the pruning and spraying operations in many orchards. Pear crops in the Goulburn Valley were heavily infected with black spot, while rust and brown-rot caused some damage to peaches. Apricots were infected with brown-rot early in the season and the trees cropped lightly in the Kyabram and Werribee Districts. The almond crop was fairly good, although shot-hole caused some damage.

Growing conditions for vines were very good, and the absence of frosts allowed the canes to develop well. Heat caused some damage, but the drying season was very favourable and quality was high, although the sultana crop was very light.

The summer was one of the worst on record for red scale of citrus, and the trees were also affected by the hot dry summer which caused a heavy fall of small fruit in the Swan Hill District. Citrus crops were light but the fruit was of good quality.

The season was very unsuitable for tomato growers, with the result that the crop was light and there was a high proportion of unsaleable fruit due to smaller size, splitting, and sun-scald.

Some trends in production have been noted during the year. Reports indicate that approximately 1,450 acres of fruit trees, chiefly peaches, went out of production in the Goulburn Valley during the past season. Considerable areas of trees were removed because they had outlived their productive life—their death being accelerated by the wet conditions of the autumn of 1950. The difficulties of satisfactorily controlling oriental peach moth, the prevalence of brown-rot, and the relatively lower returns from peaches also had an effect. Replantings have been made in many cases to export pears and apples and to a minor extent to pastures for dairying and fat lamb raising.

A considerable portion of the Murray Valley Soldier Settlement area is being developed for dairying, and a co-operative dairy factory has been established at Cobram. However, in other irrigation districts there was a decrease in dairying, and an increase in meat and wool production, because of current price trends. Vegetable growing with water pumped directly from the Murray between Robinvale and Mildura has extended rapidly since the war, and air freighting is used regularly to Tasmania, Melbourne, and Adelaide markets.

Estimates of the value of primary production in Victorian Irrigation Districts for 1949–50 have been compiled from information obtained from the Government Statist and other sources. A total value of £22,500,000 for that year is made up as follows :—

	£	£
Livestock.		
Milk and Milk Products	4,700,000	
Beef and Veal Meats, &c.	1,140,000	
Wool, Lamb, and Mutton	4,300,000	
Pigmeats	1,150,000	
Poultry and Eggs	1,200,000	
		12,490,000
Horticulture.		
Vine Fruits for drying and Distilleries	3,650,000	
Table and Wine Grapes	190,000	
Canning Fruits	830,000	
Fresh and Jam Fruits	750,000	
Citrus	640,000	
		6,060,000
Vegetables		1,900,000
Other Primary Products (Cereals, Hay, Seeds, &c.)		2,050,000
		22,500,000

This figure represents an increase of more than £4,500,000 in comparison to the previous year. While a considerable part of this increase is accounted for by increased prices in all sections of production, increases in the volume of production were noted in many items. Between March, 1949, and March, 1950, increases in dairy cattle, pig and sheep numbers were recorded for the whole of the irrigation areas, but, apart from some minor district variations, no pronounced swing from dairying to meat and wool production was apparent at this stage.

An example of the influence of irrigation on the primary production of an area is provided by the following table prepared for the Murray Valley Irrigation District, showing the production before the constitution of the Irrigation District, and the increases in production following the development in the post-war years.

—	1937–38.	1948–49.	1949–50.
Vegetables	86 acres	413 acres	533 acres
Citrus fruits	250 ,, *	2,520 ,,	1,034 ,,
Other orchards	300 ,, *		2,008 ,,
Dairy cows	3,035 head	9,572 head	12,100 head
Pigs	960 ,,	1,925 ,,	2,749 ,,
Sheep	102,000 ,,	128,000 ,,	142,000 ,,

* Irrigated by direct diversion from the Murray.

Competitions.

In conjunction with the local Agricultural Society, competitions were conducted in the Murray Valley Irrigation District for the best "Areas of Lucerne", "Permanent Pasture", "Wimmera Rye Grass—Subterranean Clover Pasture", and also for the "Most Efficient Use and Control of Water of an Irrigation Farm". The winner of the latter competition was Mr. R. Cornish.

Reports of these competitions will be published in the Journal of the Department of Agriculture.

The 1950 Dairy Farm Management Competition created keen interest. Altogether, 144 farmers entered, and three out of the nine zones were won by the following irrigation farmers:—Mr. V. R. Nielson of Tatura, Mr. E. P. Phillips of Cohuna, and Messrs. L. Senini and Son of Sale.

Mr. K. Tinning, of the Murray Valley Irrigation District, whose farm was laid out and sown by this Commission in 1947 by arrangement with the Soldier Settlement Commission, was successful in winning the 1950 State Fodder Conservation Competition for Irrigated Farms.

The Mallee Soil Drift Control Competition was conducted by the Commission in conjunction with the Soil Conservation Authority for the eleventh successive season, and 28 entries were received from farmers throughout the Mallee area. This was a drop of ten entries on the previous year's figure, mainly in the Millewa District, and was largely attributed to the insecurity of tenure of many properties because of the delay in the re-allocation of the allotments under the provisions of the North-West Mallee Area Settlement Act. The Championship and the Hanslow Cup were won by Messrs. A. Schack and Son of Gama. Prizes for all sections of the Competition were distributed at a Field Day held on the property of Messrs. Schack and Son, when an opportunity was taken to inspect the farm and to discuss the soil drift control measures used.

Soil Surveys and Investigations.

In conjunction with the Department of Agriculture, soil surveys were continued in the Deakin and Tragowel Plains Districts. The soil survey of the Robinvale District and the field work for the soil survey of Boort District were completed during the year.

Investigations have been continued of all lands likely to be commanded as the result of the provision of new storages on the Goulburn and Loddon rivers.

Research and Investigation in Irrigated Agriculture.

In the Nyah–Woorinen and Tyntynder Districts, investigations into problems of irrigated agriculture have been continued by joint committees, comprising representatives of the Commission, the Department of Agriculture, the C.S.I.R.O., and local irrigators. In addition, arrangements have been made with the Department of Agriculture for joint seepage investigations in the Corop and Bundalaguah Districts.

In the Sunraysia area, the Commission assisted the Commonwealth Bureau of Agricultural Economics in an investigation into the economics of the dried fruit industry. The report of this investigation has now been published.

District Advisory Boards.

The activities of these Boards continue to provide a valuable medium for co-operation between the irrigators and the Commission on questions of local water supply and drainage. During the year, the Boards functioned successfully in the various irrigation districts and in the Cardinia and Carrum drainage districts. New Advisory Boards were formed in the Third Lake and Maffra–Sale Irrigation Districts.

Weed Control.

Uncontrolled weed growth in irrigation and drainage channels can seriously diminish their effective capacity, and the Commission spends considerable sums annually on weed control in its various systems. Investigations have been commenced for the purpose of evolving a more effective or cheaper control programme. As a first step, a progress report describing the main weeds, the control methods currently used, and the extent of the problem, has been prepared and published.

Irrigation Production Advisory Committee.

The Irrigation Production Advisory Committee held its Tenth meeting in Renmark on the 25th October, 1950.

The Commission was represented at the meeting by the Deputy Chairman and Commissioner Aird. Matters discussed included Fodder Conservation, Viticultural Allocations under War Service Land Settlement, Murray Valley Development, and Implications of the International Bank Dollar Loan for resources required for Irrigation Development.

NEW DISTRICTS.

Alterations and Excisions.

The Tresco Irrigation District was extended to include some 1,250 acres, previously supplied by the formerly privately-operated Tresco West irrigation system.

Areas of 38,210 acres, 26,640 acres, 2,640 acres, and 1,830 acres, not supplied by the Commission's works, were excised from Millewa, Millewa Central, Wychitella, and Yelta Waterworks Districts respectively.

The Millewa Waterworks District was extended to include an area of 15,900 acres of new lands, and an area of 840 acres was excised from that District and added to the Yelta Waterworks District.

The boundaries of Bacchus Marsh, Chelsea–Frankston, and Wonthaggi Urban Districts were amended to include areas of 7 acres, 93 acres, and 50 acres respectively, served by extensions of the respective reticulated systems; and an area of 150 acres of highlands was excised from Chelsea–Frankston Urban District.

New District.

To facilitate administration, those portions of the Coreena, Tyntynder, and Tyrell Waterworks Districts, affected by re-subdivision under the North-West Mallee Settlement Areas Act, were formed into a separate District comprising 254,500 acres, known as the Tyntynder North Waterworks District.

PART II.—WATER SUPPLY.

WATER DISTRIBUTION.

In Victoria the total area of lands supplied with water for domestic and stock purposes or for irrigation excluding the metropolitan areas amounted to 15,313,480 acres.

Owing to heavy rain in early August water from Waranga Reservoir for Tragowel Plains and Boort Districts was not released until 27th August.

At the beginning of the official irrigation season on 1st September, 1950, the total volume of water in the Commission's main storages, including Victoria's half share of Hume Reservoir and Yarrawonga Weir was 1,811,825 acre feet against the total capacity of 1,974,250 acre feet.

During the season under review all demands for supplies of water to the land were met from the main Goulburn and Torrumbarry Systems. The quantity of water delivered to lands in the Goulburn System was 328,078 acre feet; in the Torrumbarry System 175,254 acre feet; and in Murray Valley District 62,858 acre feet, together with 71,609 acre feet by pumping for Red Cliffs, Merbein, Robinvale, and Nyah Districts. In addition 34,215 acre feet were supplied to lands outside the boundaries of Commission's districts, making a total delivery for irrigation of 691,381 acre feet.

Over the period under review in spite of heavy spring and autumn rains, the natural flow of the Goulburn River at Murchison was 10 per cent. below the average recorded over 69 years.

The volume of water released from Waranga Reservoir amounted to 590,259 acre feet. Of this quantity 278,251 acre feet was delivered to irrigators, and 4,674 acre feet passed on at Loddon Weir to the Wimmera–Mallee Waterworks Districts indicating that 47·9 per cent. of the water released was delivered.

Water was also released from the Goulburn Weir and Goulburn–Waranga Channel for the eastern portion of the Goulburn System, amounting to 243,518 acre feet; of this quantity 97,254 acre feet or 39·9 per cent. from headworks was delivered to the irrigators.

The total quantity of water delivered from the headworks of the Goulburn System was 833,777 acre feet of which 328,078 acre feet was delivered to the land. In addition 4,674 acre feet were passed to the Wimmera–Mallee giving a delivery efficiency of 39·9 per cent. from the headworks to the irrigators in this system.

Returns of water delivered to constituted Irrigation and Waterworks Districts for irrigation and other purposes during 1950–51 year under review, are included in the appendices to this report.

The Commission's main water storages, with a total capacity of 1,974,260 acre feet contained 1,583,715 acre feet of water on 1st July, 1950. Because of heavy rains in late autumn the volume in all storages at the termination of the irrigation season on 15th May, 1951, amounted to 1,119,560 acre feet which increased to 1,682,990 acre feet on 30th June, 1951.

PRIVATE WATER USERS.

Diversion of Water.

The control of the use of the water in rivers, creeks, streams, and watercourses, lakes, lagoons, and marshes, under section 188 of the Water Acts was strictly exercised by the Commission.

Four hundred and fifteen licences and permits were in force at 30th June, 1951, for periods up to fifteen years. These licences authorized the irrigation of 23,300 acres. In addition there were 2,910 annual and special permits for the irrigation of 39,424

acres, making a total of 3,325 licences and permits issued under section 188 of the Water Act. Details of the types of crops irrigated under licences and permits in operation during the year is set out in the following table :—

SEASON 1950–51.

—	Domestic and Stock.	Industrial.	Irrigation.						Totals.
			Vineyards.		Orchards.	Market Garden.	Tobacco.	Miscellaneous.	
			Dried Fruit.	Table and Spirit.					
Licences—									
Number in force	..	4	..	..	411				415
Area authorized to be irrigated (acres)	..	..	560	1,325	1,829	688	17	18,881	23,300
Permits—									
Number in force	1,139	148			1,623				2,910
Area authorized to be irrigated (acres)	..	..	716	383	2,092	2,479	443	33,311	39,424
Total area authorized to be irrigated (acres)	..	.. ..	1,276	1,708	3,921	3,167	460	52,192	62,724

One hundred and forty additional applications were lodged during the year under review for diversion licences for irrigation purposes, making a total of 855 received to 30th June, 1951.

A mass concrete weir located on Mr. E. C. Capron's property, which is situated on the Moorabool River some 10 miles downstream from Lethbridge, was completed during the year and work was commenced on another weir to supply the properties of Messrs. Hill and Hope, 3 miles upstream from Bannockburn.

In addition a modified type of rockfill structure was completed at Mr. Madden's property situated about midway between the two other structures.

These weirs will in addition to providing domestic and stock supplies enable the landholders to obtain water for some 40 acres under long term licences issued by the Commission, the charge being £1 per acre per annum.

Matthey's Weir on the same stream which was completed last year enables a further area of 10 acres to be watered under licence making a total of 50 acres in all which can be irrigated because of the construction of these weirs.

A weir for the purpose of storing water for private irrigation under licence has also been constructed on the Little River near the Little River village close to the Melbourne–Geelong railway, approximately 30 miles from Melbourne.

The weir of mass concrete, 330 feet long and 7 feet high above existing river bed level was completed during the year. The storage capacity to concrete crest level is approximately 120 acre feet, but provision has been made in the design for the addition of flashboards 2 feet in height if considered necessary at some future date, and which would increase the storage capacity to 225 acre feet.

The charge for the diversion of water from this weir is 25s. per acre per year under fifteen-year licences and for existing market garden permits 5s. per acre per year.

ADVISORY COMMITTEES YEAR 1950–51.

These Committees, of which there are now twenty, continued to fulfil their purpose of advising and assisting the Commission in the control and utilization of the waters of the streams concerned. Some of the Committees have been operating for eight years. Each Committee functions under the Chairmanship of the Commission's Superintendent of Water Distribution.

Two new Committees were formed during the year, one from water users from Gunbower and Taylor's Creeks, also Kow Swamp and the other from Mount Emu Creek, Western District.

Annual Public Meetings of interested water users were convened by shire councils concerned and in each instance the continuance of the Advisory Committee was recommended unanimously.

During the season 1950–51, an aggregate area of 19,195 acres was authorized to be irrigated—under conditions of licences, also annual and special permits—from streams operating under the Advisory Committee.

An interesting feature is that of the collectable amount of £4,479 all but £5 was collected.

CATCHMENTS.

The Land Utilization Council on which the Commission is represented by its Chairman, Mr. L. R. East, met on a number of occasions under the Chairmanship of the Minister of Conservation. During the year the Commission published a comprehensive report prepared by Ian G. Forbes, Assistant Research Officer of the Rivers and Streams Division on "The Catchment of the Cairn Curran Reservoir".

GOULBURN DIVISION.

The Goulburn Division embraces an area of about 1,000,000 acres, nearly three-quarters of which form the eastern part of the Goulburn Irrigation System supplied with water from the Goulburn River and storages, and the remainder comprising the Murray Valley Irrigation District, draws its supplies from the River Murray at Yarrawonga Weir.

The districts forming the Goulburn Division are controlled by District Engineers and District Officers stationed in centres located at Shepparton, Tatura, Tongala, and Rochester for that portion of the Goulburn System within the Division, and at Cobram for the Murray Valley Irrigation District.

The quantity of water delivered for irrigation in the several districts during the 1950–51 season was slightly above the average. Although irrigation commenced early in September, consistently showery weather followed and there was no sustained demand till the beginning of December; thereafter except for a break due to very heavy rain in February, deliveries were mostly above normal until late in April when further showers brought the season to a close on 12th May.

There were increases in the areas of both annual and perennial pastures under irrigation, notably in the new Murray Valley District where 15,420 acres of subclover and rye, 10,352 acres of lucerne, and 7,480 acres of permanent pasture were irrigated.

In Shepparton and Rodney Districts there was some reduction in the areas under orchard by the grubbing out of old and diseased peach trees which in most cases will be replaced by pears and apples, in addition to some pastures.

Although the position regarding shortage of material and the scarcity of skilled labour eased slightly during the year, it continued to be a major problem in maintaining district works in first class condition, and replacing worn-out, obsolete structures, as well as in structural work required for irrigation and drainage extensions.

Further sections of the Bray, Hector, Martin and other irrigation channels in the Rodney District were reconditioned by dragline excavators to carry the additional supplies which will be available from Big Eildon Reservoir now under construction. Old timber structures built many years ago when this district was administered by the Rodney Irrigation Trust are in urgent need of replacement, and these structures are being progressively renewed as their maintenance becomes uneconomic or their capacity inadequate. In this connexion ten bridges and sundry regulating structures were renewed during the past year together with replacement of several old timber irrigation outlets by Dethridge meters.

In Shepparton, Tongala, and Rochester Districts, dragline excavators were engaged from time to time desilting and remodelling the irrigation channels serving these districts. A steady programme of replacing non-measuring irrigation outlets with Dethridge meters has been followed in Shepparton District; and in Rochester District numerous meter outlets were overhauled and fitted with steel panel doors to prevent leakage.

The spring and early summer rains this season caused heavy weed growth in the drainage systems particularly in Tongala District to cope with which additional machines and labour had to be employed. In Shepparton, Tongala, and Rochester Districts no less than 37 miles of drains were cleaned out by dragline excavators, 4 miles by hired machines, 10 miles by horse-drawn scoops, and 260 miles by hand labour, which latter method was mainly used in Shepparton District where the drains are comparatively small in section.

Surveys have been made for extending by 6 miles the Shepparton Drainage System at Marungi, and the proposal approved. Surveys are in progress for extending and extensively improving the Tongala and Rochester Systems. In Rodney District, the Undera Main Drain was extended a further 4 miles. In addition works for the drainage of two estates in this district—Harkstead and Cox, are being carried out for the Soldier Settlement Commission.

After a long delay in obtaining the required pipes and fittings which continue in very short supply, a commencement was made with the work of enlarging, extending and improving the Stanhope Township water supply reticulation system. The work is being expedited and is expected to be completed and in operation before the coming summer.

The Murray Valley Irrigation District comprises an area of 269,334 acres of which 191,430 acres have been fully reticulated and supplied with water, the total length of channels in use being 420 miles. During the season 42,312 acres were under irrigated culture. The tendency to swing from lucerne to permanent pasture and sub-clover noted last year has been maintained.

Special attention has again been given to control of leakage from isolated sections of channels, and during the off-season 26 chains of banks were trenched by back-ditching excavator, the trench backfilled with clay slurry, and the banks finally restored to original profile by a dozer-grader. This method of treatment has proved most effective, and it is proposed to carry out further work of this nature when required.

During the year 2,540 acres of land were grid-surveyed by the Commission for district irrigators who were supplied with plans for grading, check-banking, and channelling their land for the sowing of permanent crops. The Commission carries out the work for irrigators at a nominal charge per acre plus travelling costs. As a result of this service, development of land for irrigation throughout the districts is proceeding on very sound lines.

LODDON DIVISION.

The Loddon Division, comprising the district centres of Swan Hill, Kerang, Cohuna, Pyramid and Boort is composed of twelve irrigation and water supply districts, five waterworks districts, and nine urban districts and divisions. The division, embracing an area of about a million and a quarter acres extending from Bridgewater in the south to the River Murray near Tyntynder in the north, is served by the Loddon and Goulburn supply systems in its southern parts to as far north as the Macorna Channel from which channel inclusive northwards all supplies are drawn from the Torrumbarry System. With the exception of the Tresco Irrigation District and the Gredgwin section of the Normanville Waterworks District, which are supplied by pumping, all districts are supplied by gravitation from the Commission's main channels.

The unseasonable rains and weather conditions experienced throughout the watering season caused a considerable variation in the demand for irrigation water and the volume of sales water delivered for the year was below the general average.

Prior to the commencement of the irrigation season on the 1st September, heavy rains were recorded in all districts and the anticipated keen demand for an early watering was not realized. Deliveries were intermittent until the middle of September and, due to frequent light falls of rain, remained below normal until the end of February. However, following a dry period early in March the demand for the watering of winter pastures became very heavy and continued so until the end of the season on April 30th when, on account of the absence of useful rains it became necessary to make water available under special sales conditions for a further two weeks, but due to changed weather conditions the demand practically ceased after the first week and all water was cut off on the 14th May.

In the Swan Hill District the rainfall recorded was 1,652 points. This was approximately 4 inches greater than the average and, following the two previous years of greater than average rainfall, many irrigators in the Tyntynder area were forced to remove surplus water from their lands by pumping.

Notwithstanding the unseasonable conditions, the area under irrigated culture exceeded the previous year's total by approximately 900 acres. The general progress of the district and its stability is reflected in the increasing quantity of stock passing

through the Swan Hill sale yards and the steady growth of the Borough of Swan Hill as indicated by an increased usage of about 15 per cent. in both water and electric power and the 130 additional assessments during the year.

At the commencement of this financial year the Tresco District was extended to include the Tresco West area. The Tresco West area is supplied by a separate pump unit lifting from Lake Boga with two separate high-lift units serving their respective areas. It is anticipated that electric power will be available from Swan Hill to operate the pumps serving this area during the next watering season.

In the Fish Point District the demand for water was not keen and there were no sales deliveries during the season.

In the districts controlled from the Kerang Centre the delivery of water was very light until early March, from when all channels were running to full capacity until the end of the season to meet the heavy demand for pasture watering.

Works are now in progress along the Pyramid Creek to improve the condition of this main carrier which has deteriorated due to siltation and weed growth. On account of the heavy growth of timber along its frontage and the difficulty of reaching the deeper channels from the banks a dragline mounted on pontoons is in use and has proved most effective. This work has already considerably reduced the running level of the creek over critical sections and proved of great benefit in flattening out the peaks of the heavy flood flows experienced during the past year.

Weed growth in channels and drains was again prolific, but is is very noticeable that along those main channels where it has been possible to operate the "broad arrow" cutter regularly, comparatively little attention was necessary over these sections.

A total of 23 miles of channels and drains was treated by dragline excavators in the districts controlled from the Kerang centre during this year.

Unseasonable weather conditions affected the volume of water delivered to the Cohuna District, but despite the intermittent demand a total of 69,729 acre feet was supplied to water users and all requirements were met.

Six dragline excavators are now in use in the Cohuna District and during the year a total of 13 miles of channels and 38 miles of drains were cleaned out and reconditioned.

The operation of these machines has enabled the completion of a large amount of outstanding maintenance works and drainage facilities in this district have been greatly improved.

Works in connexion with the extension of drainage facilities to the southern portion of the Cannawarra and the South Wee Wee Rup areas are now in progress and surveys of projected extensions in other areas have been completed.

Under private hire conditions several miles of irrigators' channels and drains were cleaned out and numerous dams excavated. The entrance to Cockatoo Lagoon was also improved.

In the Cohuna Urban division some 28 chains of 6-in. diameter Fibrolite main was laid and 11 chains of smaller mains replaced in the Leitchville Urban Division during the year.

In the districts controlled from the Pyramid Hill Centre the rainfall recorded was 2,227 points. This compares with an average of 1,380 points for the past twenty years and was the highest since 1930–31.

On account of wet conditions irrigation did not commence until the 15th September, but continued until the 14th May, a total of 40,790 acre feet being delivered. The area irrigated was 60,451 acres which was slightly in excess of previous year.

Altogether a total of 14 miles of Commission's channels and drains were cleaned out or reconditioned by excavators and under private hire conditions the machines completed some 183 excavator days during the year.

The construction of drains in the Dingee District is approaching completion, but progress has been greatly retarded by shortage of pipes and materials.

The completed works proved of considerable benefit during this year and the drains although not designed for flood flows were instrumental in draining down floodwaters in a few days from lands where previously they stood for weeks.

Floods down the Loddon River during the months of August, October, February, May, and June caused some interruption to irrigation supplies for the Boort District but altogether a total of 14,328 acre feet were supplied to the area and all demands were met satisfactorily.

The North Boort Connecting Channel is now operating and greatly relieved the pressure on the Fernihurst–East Boort channel system during peak demand periods.

A further 9 miles of the Waranga Western Main Channel extension was cleaned out by dragline excavators as well as some 12 miles of district channels in the Appin, Yando, and Catumnal areas.

Heavy rains caused damage to works in the Normanville Waterworks District. Maintenance of these channels is becoming increasingly difficult on account of the shortage of horse teams and the light tractor with scoop attachment which was tried out this year will become an essential item of equipment in this area.

GIPPSLAND AND SOUTHERN DIVISION.

The Gippsland and Southern Division includes Bacchus Marsh, Werribee, Maffra–Sale, and Central Gippsland Irrigation Districts. The areas of Bacchus Marsh and Werribee are 6,753 acres and 9,704 acres respectively. Maffra–Sale has an area of 54,332 acres, but works now in hand and proposed for the extension of the district will increase its area to over 81,000 acres. Central Gippsland Irrigation District has an area of 54,300 acres including the Nambrok–Denison Soldier Settlement of 45,000 acres.

Rainfalls for the year have been above average. This high average rainfall was due principally to the exceptionally heavy falls in February, 1951, which caused some flooding in all districts, especially Maffra–Sale. The dry autumn which followed these floods resulted in water deliveries approaching the normal level.

All storages were full at the commencement of the season and ample water was at all times available in all districts within the division.

The total quantity of water, including sales, delivered in the Bacchus Marsh District was equivalent to 142·6 per cent. of allotted water rights and in addition deliveries were made to landholders outside the district. A distribution efficiency of 84 per cent. was obtained.

A fall of 638 points at Bacchus Marsh in less than 24 hours during February caused general flooding in the district with little damage. Minor repairs were necessary to the high-level channel.

Following discussions with the Bacchus Marsh Shire Council the council has decided to form a Trust to take over operation and maintenance of the Urban Division and negotiations to this effect are in progress.

Manufacture of "Dethridge" meter wheels for use in the irrigation districts of the State was continued and 120 large and 234 small wheels were constructed.

Water deliveries in the Werribee Irrigation District were equivalent to 110 per. cent of the allotted water rights. Two out-of-season runs of water were made. Deliveries were less than average but higher than for the previous year.

Exceptionally heavy rains during February were responsible for the reduced water deliveries and caused minor flooding on some properties. However, the drainage system provided a very reasonable service under the extreme conditions.

Experiments in weed control using weedicides were continued with encouraging results.

The Main Drain was regraded and enlarged by a dragline excavator for a length of 3 miles 15 chains and obsolete structures replaced.

Irrigation farms continue to increase in value and sales have taken place at over £400 per acre.

In the Maffra–Sale District the average rainfall for the year was 27·68 inches, which is 12 per cent. greater than the average. Heavy falls of up to 9 inches in 36 hours which occurred in February caused unavoidable flooding in parts of the district. This flooding occurred from local run-off but some flooding occurred from river floods.

Water deliveries were higher than last year and amounted to 81·5 per cent. of the allotted water right.

Supply of water was interrupted early in January due to the undermining and partial collapse of a large reinforced concrete syphon on the Main Northern Channel. Approximately 180 feet of 6-feet diameter steel pipes were immediately transferred from Rocklands Reservoir and temporary repairs were completed in ten days. The temporary work was dismantled at the end of the irrigation season and work commenced on the reconstruction in reinforced concrete of the collapsed portion of siphon. Good progress has been made and the work will be completed before the 1951–52 season.

Works for the supply of water to the Nambrok–Denison Soldier Settlement area within the Central Gippsland District and also supplies to lands within the Maffra–Sale District are proceeding.

Shortages of cement, other materials and labour, have retarded the work, but good progress is being maintained.

A commencement has been made on the design and layout of farms for ex-servicemen.

Construction of the Station drain and Main Boisdale drain extension is in progress.

Use of weedicides in controlling willows and weeds in drains and watercourses has been very successful.

Supplies were maintained to the Heyfield Urban Division. A new pump was installed on the Thomson River to improve the supply and eliminate the use of the Heyfield Urban earthen supply channel.

Supplies of water to Stratford Waterworks Trust were maintained and a concrete-lined steel pipe laid to replace the temporary pipe installed after the failure of the Avon River road bridge during the flood of 1950.

WIMMERA–MALLEE DIVISION.

The Wimmera and most of the settled Mallee obtains its water supply for domestic and stock purposes from headworks of a total capacity of 206,480 acre feet, located in the vicinity of the Grampians Mountains.

Supplementary flows are diverted to Mallee districts from the Goulburn System and the Loddon River.

Water flows by gravitation through a channel system of 6,600 miles to fill farmers' tanks once each year during the winter or spring months—it being the responsibility of the farmers concerned to provide storage sufficient in size to meet their domestic and stock requirements for at least a year.

Eighty thousand people throughout an area of nearly 7,000,000 acres—including 40,000 in 45 towns—obtain their water supplies from the Wimmera–Mallee channels.

Seasonal conditions in the district were again good and although the storages did not fill owing to dry conditions in the catchments, there was sufficient water in store to meet requirements and the watering of the districts was carried out in good time.

Rocklands Reservoir.

Toolondo Outlet Channel.

The earthwork of this 38 miles long channel is almost complete, the work having been carried out with horse teams and mechanical equipment. The building of the Toolondo Outlet structure is the major part of the work still to be done.

All road and occupation bridges with the exception of the crossing at the Henty Highway were completed together with approximately 1,000 feet of 7-feet diameter syphons at Norton, McKenzie, and Bungalally Creeks.

Walpeup West.

The district comprises an area of 2,393 square miles and is situated between the Township of Underbool and the South Australian Border. Fifty-five bores with windmill and tank equipment are maintained in the district by the Commission.

The renewal of the overhead plant has been delayed owing to shortages of material, but generally speaking, the condition of the installations has been greatly improved in recent years.

Millewa.

The Millewa District is supplied by pumping from the River Murray.

Resubdivision of this area under the North-West Mallee Areas Act has given settlers much larger areas, and this enabled the channel system to be re-organized on more economical lines. A good season was experienced both for the running of the Commission's channels and from an agricultural point of view.

Coreena.

The Coreena District was again supplied with water for domestic and stock purposes from the River Murray by the Robinvale pumping plant.

Sand-drift.

In 1950 above average rains which fell again in the Wimmera and Mallee areas brought a good growth of vegetative cover.

The planting of 1,000 acres of rye corn on channel banks and areas of land liable to drift, and the campaign to prevent such land being fallowed, has again reduced the amount of soil that had to be removed from the channels to less than in the previous year.

The cost of teams is rapidly increasing with higher costs for horse hire and wages for scoop men. Very high prices prevail for chaff which reached nearly £20 per ton.

The following table shows the cost of the removal of sand from the domestic and stock channels in the Wimmera–Mallee area, including the Millewa, Carwarp, and Coreena Districts.

The table covers the years 1945–46 to 1950–51. Figures for earlier years since 1928–29 have been given in previous reports.

	Financial Year.			Calendar Year.	
	Cost per Fortnight for Horse Teams.	Approximate Quantity of Sand Removed.	Amount.	Year.	Amount.
	£	cubic yards.	£		£
1945–46	42	12,297,000	322,827	1945	312,419
1946–47	43	6,954,000	187,017	1946	249,284
1947–48	46	2,440,000	70,179	1947	92,193
1948–49	64	1,540,000	61,629	1948	55,876
1949–50	68	1,187,000	52,437	1949	57,866
1950–51	81	1,159,000	60,852	1950	53,262

Irrigation Districts.

Nyah.

During the year six general irrigations were provided together with one special irrigation in March for domestic and stock requirements.

A good drying season was experienced for the 1951 harvest, and although the crop was particularly light, it was of good quality.

With the recent substantial increase in the price of dried fruit, financial returns to growers this year should be satisfactory.

Reports from the packing sheds show a total yield of 1,484 tons, compared with 2,092 tons in 1950, 1,333 tons in 1949 and 2,357 tons in 1948. The highest yield in recent years was 3,352 tons in 1944.

The 1951 tonnage of 1,484 tons represents the amount of dried fruit received at the packing sheds, but does not include consignments of fresh fruit to market and to distilleries for the purpose of wine production. These consignments cannot be estimated, but they were not as heavy as in previous years.

Particulars of the six irrigations given in 1950–51 are :—

Irrigation Number.	Period.	Acre Feet Pumped.	Equivalent Average Depth per Watering.
			Inches.
1	14th September, 1950, to 9th October, 1950	2,207	9·0
2	1st November, 1950, to 21st November, 1950	1,725	7·0
3	1st December, 1950, to 23rd December, 1950	2,030	7·8
4	29th December, 1950, to 21st January, 1951	2,006	7·8
5	25th January, 1951, to 15th February, 1951	1,926	7·9
6	29th March, 1951, to 18th April, 1951	1,765	7·8
	Total, Season 1950–51	11,659	7·9

Figures do not include special domestic and stock irrigation 15th to 17th March, 1951. 112 acres = 182 acre feet.

Red Cliffs–Merbein.

Irrigation commenced on 23rd August, 1950, in both Red Cliffs and Merbein.

Before that date a special citrus watering was given in Red Cliffs from 25th to 27th July, 1950, and in Merbein from 17th to 24th July, 1950.

Special frost runs were given in Red Cliffs from 20th to 23rd September and from 2nd to 6th October, and in Merbein from 2nd to 6th October, 1950.

A special pre-harvest run was also given in Red Cliffs from 3rd to 8th February, 1951, and in Merbein from 2nd to 5th February, 1951.

Water was made available for six irrigations in both districts.

The production of dried fruits in these two districts amounted to 30,943 tons compared with 43,787 tons produced in 1949–50.

Particulars of the six irrigations given during 1950–51 are :—

RED CLIFFS.

Irrigation Number.	Period.	Acre Feet Pumped.	Equivalent Average Depth per Watering.
			Inches.
1	23rd August, 1950, to 23rd September, 1950	8,761·9	9·3
*2	8th November, 1950, to 29th November, 1950	6,239·3	6·6
3	6th December, 1950, to 3rd January, 1951	8,442·6	8·9
4	8th January, 1951, to 8th February, 1951	8,380·5	8·9
5	12th March, 1951, to 11th April, 1951	8,918·5	9·4
6	30th April, 1951, to 18th May, 1951	3,466·5	6·5
	Total, Season 1950–51	44,209·3	8·2
	* Irrigation restricted owing to coal shortage		

Figures do not include special citrus watering 25th to 27th July, 1950 = 225½ acres = 270·8 acre feet.
Special frost run 20th to 23rd September, 1950 = 241 acres = 186·8 acre feet.
Special frost run 2nd to 6th October, 1950 = 742 acres = 571·5 acre feet.
Special pre-harvest run 3rd to 8th February, 1951 = 831 acres = 616·3 acre feet.

MERBEIN.

Irrigation Number.	Period.	Acre Feet Pumped.	Equivalent Average Depth per Watering.
			Inches.
1	23rd August, 1950, to 23rd September, 1950	6,395·7	9·5
*2	13th November, 1950, to 28th November, 1950	4,160·8	6·2
3	6th December, 1950, to 28th December, 1950	5,435·0	8·0
4	8th January, 1951, to 5th February, 1951	5,295·0	10·2
5	7th March, 1951, to 5th April, 1951	6,975·0	10·4
6	30th April, 1951, to 16th May, 1951	3,568·0	6·8
	Total, Season 1950–51	31,829·5	8·5
	* Irrigation restricted owing to coal shortage		

Figures do not include special citrus watering 17th to 24th July, 1950 = 485 acres = 630·6 acre feet.
Special frost run 2nd to 6th October, 1950 = 385 acres = 450·5 acre feet.
Special pre-harvest run 2nd to 5th February, 1951 = 1,866 acres = 1586·0 acre feet.

Drainage.

The Nyah Sub-surface Drainage System was further advanced during the year when some 45½ chains of drains were constructed making a completed total of 19 miles 9 chains.

The internal drainage of blocks is proceeding and the improvement in the condition of the vines can be observed where this type of drainage has been completed.

Robinvale Irrigation District.

One hundred blocks were planted to citrus and vines in the Robinvale Soldier Settlement up to 1st January, 1951. Twenty-nine of these were bearing fruit for the second year and 29 for the first time.

Up to a ton and half of dried fruit per acre was harvested on a number of blocks, the total tonnage produced being 650 tons. Extension of the pipe system for irrigation has been continued satisfactorily and blocks in the first four allocations are fully served, while the laying of pipes and construction of outlets for the 35 blocks in the fifth allocation will be completed ready for planting in August, 1951. This will bring the total area under viticulture to 135 blocks, with approximately 2,025 acres planted to vine and 235 acres to citrus and other trees.

Houses and sheds are being erected by the Soldier Settlement Commission, and all the 135 settlers are in residence on their blocks.

Metering of the area is proceeding and Dethridge meter wheels have been installed on 55 blocks.

The Irrigation Season commenced on 30th August, 1950, and was completed on 16th April, 1951.

During that period six irrigations were given, particulars of which are :—

Irrigation Number.	Period.	Acre Feet Pumped.
1	30th August, 1950, to 7th October, 1950	1,700·7
2	30th October, 1950, to 21st November, 1950	1,267·15
3	29th November, 1950, to 15th December, 1950	947·1
4	28th December, 1950, to 17th January, 1951	1,152·1
5	23rd January, 1951, to 14th February, 1951	1,273·95
6	28th March, 1951, to 16th April, 1951	1,164·45
	Total, Season 1950–51	7,505·45

MECHANICAL BRANCH.

Main Pumping Stations.

The Commission's Main Pumping Stations, situated on or near the River Murray, supply water for the Irrigation Districts of Red Cliffs–Merbein, Nyah, Tresco, and Robinvale; and to the Waterworks Districts of Millewa, Yelta, Carwarp, and Coreena.

In addition there are several smaller pumping stations for domestic and stock supplies to lands above gravitational levels, and for town water supplies in various parts of the State.

At many of the pumping stations the plant is old and not as efficient as modern installations, but the Commission is pursuing an active policy of replacement of such plant wherever warranted. Construction and replacement works planned or in hand during the year were as follows :—

Red Cliffs.—The Commission's largest pumping station. Contracts let for complete replacement of plant under electrification and scheduled for completion in 1957–58.

Robinvale.—Two diesel-engine driven relift pumping stations were completed and a third commenced.

Lysterfield.—Temporary diesel engine pumping plant was installed to provide for emergency water supply to Mornington Peninsula.

Tresco.—Orders placed for new electric-motor driven pumps for installation at the three Tresco West pumping plants, taken over by the Commission during the year.

Jung Dooen.—Orders placed for new diesel engine and pump to replace old steam plant at this domestic and stock station.

Warrnambool.—A booster pumping station for improving bulk water supplies to the City of Warrnambool is in course of construction.

Millewa.—Preliminary investigations have been carried out for the replacement of old steam plant at the Millewa domestic and stock pumping stations.

Urban Pumps.—Electrification of pumping plants at Berriwillock, Culgoa, Cohuna, Mitiamo, and Nullawil has been put in hand during the year and new plant ordered for Ouyen and Meringur.

The cessation of briquette supplies for the Red Cliffs pumping station and shortage of coal supplies is a continual source of embarrassment to the Commission; during the year it was again necessary to burn large quantities of oil fuel at greatly increased cost, in order to maintain water supplies for irrigation at Red Cliffs and Merbein.

Supplies of firewood for operation of the smaller steam-driven pumping station have fallen below requirements mainly due to the usual contractors obtaining more lucrative road haulage work because of restricted goods rail services.

INVESTIGATIONS AND DESIGNS BRANCH.

This Branch had another very busy year and again the staff had to meet very heavy demands. A great deal of overtime work was necessary.

Mr. M. G. Speedie was appointed Senior Designing Engineer, Eildon Dam, in order that he could devote his whole time to this major project. It was necessary to allocate an average of about twelve of the Designs Branch staff to this work, and men are gradually being transferred to Eildon as office and housing accommodation becomes available at the works. Dr. L. P. Ilott was appointed as Senior Designing Engineer for Dams, the office formerly held by Mr. Speedie.

Satisfactory progress has been made with designs for the highest priority works, but the effort required to produce the great volume of drawings for current works under construction left only a skeleton staff to carry on investigations, many of which are still in arrears or remain suspended indefinitely.

The most important activities were as follows:—

Goulburn System.

Big Eildon Dam.

Apart from the diversion of staff to the newly-formed Eildon Dam Branch, specialized assistance has been provided in the preparation of drawings, soil testing and sampling equipment, geological studies, and specifications for various minor contracts.

Goulburn Irrigation System.

The Waranga Western Main Channel which may well be described as the main irrigation artery of Northern Victoria is to be enlarged to a capacity of 3,700 cusecs as far as the Wyuna Offtake near Waranga Basin and to 3,000 cusecs from this offtake to the Campaspe River.

This will make it the largest irrigation channel in Australia. The necessary investigations, designs, drawings, and specifications for this work were given the highest priority and in June world-wide tenders were invited for the construction. The removal of approximately 10 million cubic yards of earthwork is involved, together with the construction of 50 bridges, a new outlet structure at Waranga Basin, several major siphons and an imposing list of minor works. The book of plans prepared for the exhibition documents comprises 53 sheets of drawings.

East Goulburn Main Channel.

Investigations were initiated for the enlargement of this main channel which serves the South Shepparton, Shepparton, North Shepparton, and Katandra Districts, to a capacity of 900 cusecs, and plans were prepared to enable a start to be made with the work.

General.

In order to facilitate planning of distributary channels originating at the main channels and Waranga Basin, a comprehensive fact-finding investigation has been put in hand in order to consolidate information regarding existing works, land tenure, soil types, &c. This is being assembled in reference systems or on plans, as may be appropriate.

River Murray.

Additional Storage.

Investigations initiated during the previous year at the request of the River Murray Commission were continued and a report on the storage possibility of tributaries prepared and submitted. This report, together with earlier work which covers investigations on the main stream, completed the initial work necessary for a preliminary assessment of the position from an irrigation point of view.

In view, however, of the considerable water power which would be available on further development of the water resources of the Upper Murray (as would be augmented by diversions from the Snowy River), the Commission retained Mr. A. L. Galbraith, B.C.E., formerly Civil Engineer of the State Electricity Commission, to make a preliminary comparative assessment of the hydro-electric possibilities.

Central Gippsland Irrigation Project.

Nambrok–Denison Soldier Settlement.

Very good progress was made during the year in the preparation of plans for earthworks and structures and 60 per cent. of the design work was completed at the close of the financial year.

Glenmaggie Reservoir Enlargement.

A comprehensive technical report on this project was submitted and a programme of diamond drilling put in hand to obtain essential information for detailed studies. The views of Dr. J. L. Savage, Consulting Engineer, were obtained in regard to certain aspects of the preliminary design.

This reservoir overflows nearly every year and it has long been recognized that the possible installation of hydro-electric plant should be investigated. Joint studies of this aspect in conjunction with officers of the State Electricity Commission were initiated and good progress achieved.

Tenders were invited and received for mechanically operated crest gates which will raise the full supply level by 12 feet and increase the storage capacity by approximately 50 per cent.

Tenders were also received for the numerous components of the new Southern Outlet which will discharge into the Main Southern Channel which supplies the new Nambrok–Denison soldier settlement area as well as parts of the existing Maffra-Sale District. Provision has been made in the design of the new outlet for the generation of electrical energy utilizing the flood flows which normally pass over the spillway and the normal discharge for irrigation.

Maffra Weir and Main Eastern Channel.

Tenders were received for the large steel lift gates and operating mechanism required for the weir structure and also for the smaller sluices to be installed at the channel offtake. Further progress was made with the investigation of the channel location and consideration is being given to the most satisfactory form of construction.

Thomson River Diversion.

Good progress was made with the investigation of this phase of the project planned to utilize the waters of the Thomson River in the Nambrok–Denison soldier settlement and thus relieve the demand on Glenmaggie Reservoir. The selection of the most satisfactory weir site is not easy as rock in the river bed in the open country below the Thomson Gorge is overlaid by shingle deposits of considerable depth.

Weir sites in the gorge are better in this respect, but access is most difficult, and an offtake by means of a tunnel would be essential. At almost any site, provision would be necessary to make sure that accumulated shingle transported by the swiftly flowing river could not obstruct the offtake.

Surveys, drilling, and a comprehensive geological survey of the gorge were completed and alternative proposals and estimates advanced almost to completion.

Existing Works.

Plans were prepared for restoration of No. 5 Siphon on the Main Southern Channel to replace a temporary pipeline installed following the emergency, referred to elsewhere, which developed during the irrigation season.

Loddon River Development.

Cairn Curran Dam.

Further progress was made with working drawings required for the construction. Tenders were received for the three large steel radial type gates for the spillway, sluice gates for the intake tower (for emergency closure of the outlets), a 36-inch diameter motor-operated valve for the irrigation outlet and appurtenant assemblies. Further discussions were arranged with officers of the State Electricity Commission regarding the power outlet and the necessary drawings prepared.

Tullaroop Creek Reservoir.

Apart from some geological investigation and sub-surface exploration by drilling, no further work was carried out on this project.

Loddon Weir.

This structure is situated at the crossing of the Waranga–Mallee Channel and the Loddon River, and for many years difficulties have been experienced in replacing the drop bars, particularly when the river is high. Tenders were received for the manufacture and erection of steel sluices which will replace the bars, improve the regulation of the river at this point and thus permit increased diversion of Loddon water to the Mallee during the winter months.

Campaspe River Development.

Eppalock Reservoir Enlargement.

Detailed designs for this structure have not yet been undertaken because of staff shortage.

Campaspe Weir.

Designs and drawings were prepared for remedial work in progress at this structure which is the diversion point for the regulated flow which would come from the enlarged Eppalock Reservoir.

Torrumbarry System.

Kow Swamp Works.

Following completion of extensive repairs to the old timber inlet regulator, plans were prepared for the reconstruction of regulators at the offtake of the contour channel and the Macorna Channel outlet from the reservoir. Completion of this work will enable the contour channel to be put into use, thereby saving evaporation losses in Kow Swamp in times of shortage.

Torrumbarry System—General Investigation.

Apart from the above matters, no further progress was made with these studies as the staff was fully committed on other work.

Murray Valley Irrigation District.

Irrigation Channel Works.

Planning was completed some time ago and the only matters requiring attention apart from those normally arising during construction were variations and amendments desired by the Soldier Settlement Commission.

Drainage Works.

Very good progress was made with the preparation of detailed plans for 31 miles of channels involving a total of 600,000 cubic yards of earthwork. Investigations in conjunction with officers of the Forests Commission are in progress to determine the best location for the drainage outfalls in the Barmah red gum forest.

Robinvale Settlement.

The preparation of plans for works of supply for the approved addition of 33 more blocks (bringing the total to 166), was almost completed and good progress made with the design of the internal farm layouts being undertaken at the request of the Soldier Settlement Commission.

Mornington Peninsula System of Waterworks.

Tarago River Diversion.

The channel location between the diversion weir site on the Tarago near Neerim and the upstream portal of the 2-mile tunnel near Jindivick was finished, and substantial progress made on the section between the downstream portal and the existing Bunyip Main Race. This latter section includes a 4½ mile pipeline across the wide valley of the Bunyip River.

Sub-surface conditions at the weir site were explored by drilling and plans for the structure were commenced.

Bellarine System of Waterworks.

Barwon River Development.

Good progress was made with the investigation of the water resources of the Upper Barwon River and tributaries, and the various studies put in hand in the previous year are approaching completion. One of the most important phases of this investigation has been the examination of storage possibilities on the West Barwon River, where a promising reservoir site has been located. Contour surveys of the basin were completed and foundations explored by shaft sinking and boring at two possible dam sites. The data will be consolidated in a general report to be prepared during the forthcoming year.

Otway System of Waterworks.

Having in mind further development of the water resources of the Otway Ranges, an investigation of possible methods of improving the supply in the Otway Waterworks District was put in hand.

Coliban System of Waterworks.

Malmsbury Reservoir.

Tenders were invited and received for valves required for the proposed new outlet works.

River Gauging.

As provided by Section 32 of the *Water Act* 1928, the gauging of the flow of the principal streams of the State was continued. Weekly returns showing the volume of water stored in reservoirs were compiled and made available to the Press for publication.

The total flow of the major streams for this year, shown in the following table, was 4 per cent. above the average. In the north-east sector, with the exception of the River Murray at Jingellic, river flow was generally below average. In a fairly wide belt extending from the Avoca through to the Loddon, Coliban, and on to the Snowy River, flow was consistently above average through most of the year. The Snowy River had three floods during the year ranging in magnitude from 63,000 to 90,000 cusecs.

The following table shows the discharge of some of the principal streams during the year 1950–51, also the average annual discharge and the percentage departure from the average.

Stream.	Discharge for Year 1950–51.	Average Annual Discharge Since Year Indicated.	Percentage Departure from the Average for the Year 1950–51.
	Acre Feet.	Acre Feet.	%
River Murray at Jingellic	2,025,000	1,840,000 (1891)	+ 10
Mitta River at Tallandoon	967,000	1,093,000 (1887)	− 11·5
Ovens River at Wangaratta	872,000	1,145,000 (1881)	− 24
Broken River at Goorambat	107,000	197,400 (1887)	− 46
Goulburn River at Eildon Reservoir	1,096,000	1,366,000 (1901)	− 20
Goulburn River at Murchison	2,052,000	2,251,000 (1882)	− 9
Coliban River at Malmsbury Reservoir	86,800	51,450 (1890)	+ 69
Loddon River at Laanecoorie	240,600	163,700 (1891)	+ 47
Little Wimmera River at Lake Lonsdale Reservoir ..	46,200	70,500 (1904)	− 34
Thomson River at Cowwarr	317,900	325,000 (1901)	− 2
Macalister River at Glenmaggie	555,300	432,500 (1920)	+ 28
Snowy River at Jarrahmond	2,721,000	1,744,000 (1907)	+ 56

A gauging station has been established on the Buchan River below the confluence of the Murrandall River. A cableway was erected at this point, and an automatic long-period water level recorder of the latest type installed.

Four hundred and eighty-one measurements were made during the year, including 39 measurements of channels, and 164 gauging stations were in operation on the 30th June, 1951.

Hydraulic Research.

Werribee Research Station.

The first stage of establishment was completed during the year, testing of models commenced, and important results were obtained. Structures under test include a scale model of the proposed new outlet and tunnel at Malmsbury Reservoir, for which a satisfactory modification was found after several trials, a full-size reinforced concrete flap gate intended for use on drainage inlets, and a scale model of the Big Eildon Dam spillway.

The Eildon model is nearly 100 feet long, up to 10 feet wide, and can pass a discharge equivalent to 150,000 cusecs in the prototype. Tests are proceeding on the proposed overfall structure at the upper end of the spillway channel.

Measurement of Irrigation Deliveries.

An experimental all-metal meter wheel designed for measuring small flows has been installed at the station, and calibration tests were commenced. Unfortunately, completion of these studies has been repeatedly delayed by a lack of technical staff and more pressing requirements. Three all-metal wheels for normal irrigation flows are also at the station awaiting calibration.

SURVEY BRANCH.

During the year the survey staff has concentrated on major projects—Rocklands, Cairn Curran, and Big Eildon Reservoirs, and Murray Valley and Nambrok–Denison Soldier Settlements.

This year three pupil surveyors trained under the Commission's staff surveyors qualified as Licensed Surveyors but one has since resigned, and the total number of Licensed Surveyors is still inadequate to cope with other than major projects.

The Draughting Staff has been further reduced by the resignations of efficient draughtsmen.

It has been necessary to utilize the services of a number of junior draughtsmen to assist in field operations thereby occasioning delays in the compilation of plans, in some cases, even on major projects.

Land resumption surveys awaiting attention have been greatly delayed by the present position of field staff.

Big Eildon.

Considerable progress has been made with the subdivisional survey of the new township and of other requirements in connexion therewith and for setting out of work.

Utilization of Goulburn Waters.

Surveys have been put in hand in connexion with the proposed enlargement of the Waranga Western and East Goulburn Main Channels and contour survey in Tragowel Plains area has been commenced.

Nambrok–Denison.

Subdivisional surveys of the Soldier Settlement are in progress—about 40 having been completed, and the location of channels in the district is nearing completion.

Tarago–Central Gippsland.

Feature survey embracing the location of the proposed channel tunnel and siphon lines for the diversion of supply from the Tarago River to Mornington scheme has been completed.

Murray Valley.

Subdivisional surveys in the Soldier Settlement have been extended and surveys of drainage outfalls are in progress.

Land resumption and silt section surveys at Cairn Curran are now complete, while at Rocklands land resumption surveys were further extended and silt sections have been completed.

Tallangatta.

Feature survey has been made of the site for the proposed new township at Bolga.

Soldier Settlement.

Subdivisional surveys in the Parishes of Telangtuk and Balmoral of No. 1 Fulham Estate have been completed and No. 2 Fulham Estate were commenced, but were suspended as the Commission's survey staff occupied thereon was required for urgent surveys on major water supply projects.

CONSTRUCTION BRANCH.

Rocklands Reservoir.

Work is nearing completion on the Rocklands Dam which, when completed, will create a reservoir with a capacity of 264,000 acre feet on the headwaters of the Glenelg River in Western Victoria. During the year the average number of casual employees was 393 (excluding contractors and their employees), together with a staff which averaged 31. Twenty-six thousand three hundred and two cubic yards of concrete were placed in the dam, making a total of 62,228 cubic yards, and leaving 8,500 cubic yards of concrete to be placed to complete the concrete wall. The rockfill embankments at each end of the wall are about one-third complete. In November the coffer dam, which was constructed across the Glenelg River to enable the dam to be built, was dismantled. The outlet valves and conduits have been placed in position in the structure and, with the commencement of the stream flow at the site of the dam on the 26th May, 1951, the outlet valves were closed and the storage of water began.

Satisfactory progress is also being made on the outlet channel from Rocklands Reservoir, and the first 12 miles from the dam is now 75 per cent. complete. Seven thousand five hundred and ninety-six feet of bench flume were constructed, together with 2,418 feet of siphons and a number of bridges and subways. Six hundred and sixty-two feet of the lining of the tunnel, which forms part of the outlet works, were completed, leaving 331 feet yet to be placed.

Cairn Curran Reservoir.

This work comprises an earth dam on the Loddon River in North Central Victoria, which, when completed, will create a reservoir of 120,000 acre feet. The average number of men employed during the year on this work was 448. The subsidiary bank across a saddle in the surrounding high land has now been completed and 19,500 cubic yards of beech were placed in position on that bank during the year. Excavation of the foundations for the main bank have already been completed, 50,000 cubic

yards of river silt having been removed during the year. The spillway excavation was continued, 45,000 cubic yards of solid and decomposed rock having now been removed. Total excavations for the main dam now amount to 417,000 cubic yards. The placing of fill for the bank was commenced during the year, and 227,000 cubic yards of all classes of material were placed and compacted. Work was continued on the cut-off walls, 3,580 cubic yards of concrete having been used.

Campaspe Weir.

The Campaspe Weir, which was constructed in 1895 raises the level of the Campaspe River by 26 feet to permit diversion of water into irrigation channels on land adjacent to Rochester. The stone-filled timber cribs in the weir have deteriorated over the years and extensive reconstruction work is being carried out. During the year, 712 cubic yards of concrete were placed on the downstream steps of the weir.

No. 2 Goulburn–Waranga Main Channel.

As was stated in the Commission's last Annual Report, the Commission called world-wide tenders, closing at the 30th June, 1950, for the excavation of the total length of the No. 2 Goulburn–Waranga Main Channel—nearly 14½ miles—involving the removal of approximately 4½ million cubic yards of earth. Tenders were received from Australia and overseas, the successful tenderer being H. Bowers Pty. Ltd., Sydney, New South Wales, and contract price being £1,035,309. The contractor has converted a number of Army huts into quarters for married and single personnel for the project, in addition to establishing a large mess hut and workshops. Due, however, to the fact that a considerable amount of plant did not become available to the contractor as early as expected, progress on the contract was slower than anticipated. Work carried out with available plant has been satisfactory, and the yardage of earth excavated at the end of June, 1951, was approximately 450,000 cubic yards. The Commission itself has commenced work on the offtake regulator on this channel and has excavated for this purpose a cut 150 feet long, 24 feet deep, and 60 feet wide.

East Goulburn Main Channel Enlargement.

During March, a commencement was made at Wahring on the enlargement of the East Goulburn Main Channel from its present capacity of 450 cusecs to 900 cusecs. This work is necessary to distribute the increased quantities of water to be made available on the completion of the Big Eildon Project.

Murray Valley Irrigation District.

The Murray Valley Irrigation District comprises 269,000 acres, and, at the end of the period under review, water had been made available for irrigation to 83 per cent. of the total area that will be irrigated. During the year, 35 miles of irrigation channels were made available for irrigation, making a total of 485 miles, leaving 98 miles still to be completed. Five hundred and fifty-eight channel structures were also built during the year. Work on irrigation channels is now proceeding about 7½ miles west of Numurkah. A start was also made on the construction of a comprehensive drainage scheme for the district.

In the Murray Valley District a compact area of 60,000 acres has been set aside for soldier settlement, and the Commission is preparing the farms on this area for the Soldier Settlement Commission. The total number of blocks to be allocated to returned servicemen will be 585, 334 of which have already been made available. During the last twelve months 466 acres of land were cleared on the soldier settlement, 417 acres ploughed, 3,768 acres graded, and 3,429 acres sown down to lucerne and pasture. In addition, 117 acres were planted for fruit trees, whilst 3,910 chains of delver channels were constructed and 40,300 cubic yards of earth excavated for internal channels.

The Commission has considerably increased the amount of mechanical plant used on the Murray Valley works, and the results have been very satisfactory. The average number of men employed was 392, of whom approximately 100 men were employed on land preparation.

Tarago River Diversion Works.

The construction of the Tarago River works, which will provide additional water supplies for the rapidly-developing Mornington Peninsula System, is making good progress.

One thousand three hundred and sixty feet of the 2-mile tunnel, which forms part of the diversion works from the Tarago River, have been driven from the upstream end. Most of this work has been through bad ground and required heavy timber support. The establishment of a power house and other necessary installations at the downstream portal is almost complete and tunnelling from this end will start shortly. Five miles of heavy clearing and benching from the diversion site on the Tarago River to the upstream portal of the tunnel have been completed with bulldozers.

Camp accomodation has been built for 140 men, whilst five houses have been erected for staff and key personnel. The number of men employed has now reached 140.

Central Gippsland Irrigation Project.

During the year a further 42 miles of earthwork were excavated by Commission plant and piecework contractors with horse-drawn scoops on the Main Southern, Nambrok–Denison Main and Spur channels, and a total of 56 miles has now been completed. Many large reinforced concrete channel structures were also constructed.

Further progress was made on the construction of a reinforced-concrete siphon 7 feet in diameter which will pass under the Thomson River. The inlet and outlet structures and 4,288 feet of tube are complete, leaving 120 feet of tube to be constructed in the second stage of the river crossing.

Work was also continued on the large reinforced concrete flumes and a further 7,628 feet was completed leaving 7,260 feet to be constructed.

A start has been made with the development of the 22,500 acres in the proposed soldier settlement area at Nambrok–Denison in which will be established 181 farms.

The average number of men employed throughout the year was 430, of whom 54 live in houses and 240 in the camp constructed at Heyfield.

EILDON BRANCH.

Big Eildon Dam.

Tenders for the enlargement of the Eildon Reservoir from its present capacity of 306,000 acre feet to 2,750,000 acre feet closed on 30th June, 1950. In all eight tenders were received, four from the British firms of John Howard and Co., Keir and Cawder, Sir Lindsay Parkinson and Co., George Wimpey and Co., three from the American firms of Guy F. Atkinson and Co., Morrison–Knudsen (U.S.A.), in association with McDonald Constructions Pty. Ltd. (N.S.W.), Utah Construction Co., and one from W. Williamson Construction Co., New Zealand.

After the tenders were thoroughly analysed, a contract was let to the Utah Construction Co. of America for an amount of £11,359,791.

The contract which that company has with the Commission for the building of the Eildon Dam is on the basis of actual cost, plus a fixed fee with special provisions for both incentives and penalties.

The Contractor submitted with his tender a "target estimate" and a time for completion of the work. If the "target estimate" or the time of completion is exceeded the Contractor's fee will be proportionately reduced. If the work is completed for less than the target estimate or in less than the tendered time the Contractor's fee will be increased.

The contract with the Utah Construction Co. which was formally signed on the 27th November, 1950, was for a period of four years and 36 weeks commencing on the 5th January, 1951. Immediately upon the signing of the contract, the Contractor commenced negotiations for the appointment of key American personnel to supervise the work and for the acquisition of the necessary heavy construction plant, the bulk of which was to be purchased in America.

Altogether, 26 Americans were appointed by the Contractor and they formed the nucleus of the Contractor's staff on the project. The balance of the staff and all labour used on the project is being drawn from Australian sources.

By the end of June, 1951, a large amount of heavy earth-moving equipment had arrived on the job. This included two large power shovels, a mechanical loader with an output of 1,000 cubic yards an hour, eighteen bottom-dump trucks of 25 cubic yards capacity, twenty end-dump trucks of 15 cubic yards capacity, together with many other major items of equipment worth £1,150,000. In addition very large quantities of materials for use on the main project and on the construction of the township were stockpiled.

The Contractor was given notice to proceed by the Commission on the 5th January, 1951. On that date approximately 175 men were employed on the works, the bulk of these, however, were engaged on the construction of the township. By the end of June, 1951, the total number of men employed on the works had risen to 720, of which 455 were employed by Utah Construction Limited, and 265 by the contractors who were constructing the township. Work on the main contract to that date had consisted mainly of setting up the necessary organizations, the preparation and erection of machinery and equipment, and the construction of internal roads and water and sewerage services in the works and township areas.

The construction of the necessary township services is being carried out by Utah Construction Limited as an addition to the main contract for the construction of the dam.

Prior to the Contractor taking over the work, the Commission itself carried out a considerable amount of preliminary construction work on the project.

This work included the construction of roads, temporary water supply and sewerage services, administrative offices, and sufficient hostel accommodation for one hundred men.

Two large firms of building Contractors were engaged on the construction of the township, in itself a major project. Clements Langford Pty. Ltd. were responsible for the erection of 300 pre-cut houses purchased through the Victorian Railways Department. These houses will form the permanent residential portion of the township. At the 30th June, 1951, 178 houses had been completed or were under construction.

A. V. Jennings Construction Co. Pty. Ltd. were given the Contract for the erection of the workmen's hostels and administrative offices. This contract was later extended to cover the construction of all other buildings required in the township, including temporary houses. At the 30th June, 1951, one hostel, which will house 380 men, had been completed and extensions to the hostel to raise its capacity to 450 men had been commenced. A hostel to house 60 staff personnel was nearing completion. One hundred and sixty-six temporary houses were in various stages of erection. Construction of the temporary school, permanent administration offices and fire and police stations and the site preparation for hostels which will house a total of 600 men had been commenced. It is expected that sufficient accommodation will be available by the end of 1951 to provide accommodation for between 1,200 and 1,400 men.

To provide the large amount of timber required by the project, the Commission erected its own saw mill at Eildon. This mill is being operated for the Commission under Contract. It will supply some ten million super feet of timber during the next four years from logs supplied by the Forests Commission from the Dry Creek Area.

To handle the large volume of materials and heavy equipment which will pass through the railhead at Alexandra, the Victorian Railways Department constructed a new railway siding. The cost of this work which included the erection of a large electric crane is included in the Big Eildon contract. At the present time the Country Roads Board is engaged on widening and improving the road between Alexandra and Eildon, so that it can adequately handle the heavy road transport operating between the railway siding and the works. The cost of the work, which should be completed early in 1952, is being shared by the Commission and the Country Roads Board.

During the year preliminary investigations were carried out in connexion with extensive road and rail deviations which will become necessary as a result of the enlargement of the dam. Negotiations were also carried out with the Alexandra Shire Council in connexion with the maintenance of Shire roads affected by the Project.

Arrangements were made with the State Electricity Commission for the supply of electricity to the township and works areas. A large proportion of the electrical reticulation installations necessary to provide this power have been completed.

The Commission appointed Mr. E. D. Shaw, M.C.E., M.I.C.E., M.I.E., Aust., as Chief Engineer to supervise the Contract. Mr. V. G. Swanson, B.C.E., MI.E., Aust., Assoc. M.A.S.C.E., was appointed Assistant Chief Engineer. At 30th June, 1951, the Commission's staff engaged on the supervision of the contract and construction of the township totalled 60 of whom 47 were stationed at Eildon.

In April, 1951, the Commission took advantage of a visit by Dr. Savage to Australia, to consult him on various aspects of construction of the dam. He visited the site and later submitted a report to the Commission. Dr. Savage, who is a world authority on the construction of large dams, had previously been retained by the Commission as Consultant for the Eildon Project.

The Project was officially commenced by the Premier of Victoria, the Honorable J. G. B. McDonald, M.L.A., on the 15th June, 1951. A very large crowd attended the ceremony which was held on an area overlooking the site of the new Eildon Dam.

HOUSING BRANCH.

In country districts, 31 additional houses became available for the Commission's staff, and twelve other houses were under construction at 30th June, 1951.

Summary.

A. *Residences Completed—*

Prefabricated houses	24
Standard and special designs	3
Purchased ready for occupation	2
Purchased for removal and re-erection	2
Total additional houses made available	31

B. *Residences under Construction at 30th June*, 1951—

Prefabricated houses	7
Standard and special design	3
Purchased for removal and re-erection	2
Total houses under construction at 30th June, 1951	12

C. *Residences Approved but not Commenced at 30th June*, 1951—

Standard and special designs	5
Prefabricated houses	34
Prefabricated houses, Stawell	7
Total approved but not commenced 30th June, 1951	46

Carlisle House, 96 Exhibition-street, Melbourne.

Work on this property, consisting of major alterations, complete renovation, and decoration was practically completed and the additional Head Office accommodation made available was occupied by the Minister of Water Supply, and the Eildon, Stores and Survey Branches.

Five acres of land, situated on Dynon-road, West Melbourne, has been leased from Victorian Railways for the storage of bulk purchases of building and construction materials. The area has been graded and a contract has been let for the erection of a perimeter fence.

PLANT SECTION.

There has been an ever-increasing trend over the post-war years towards complete mechanization. This has resulted from the scarcity of labour, and in many districts the lack of horse teams. To provide opportunity for small works to use mechanical plant, the Commission has a Plant Hire system which incorporates over a thousand major plant items, such as excavators, tractors, compressors, &c.

During the year it was found necessary to revise the Plant Hire rates. Increases of between 50 per cent. to 70 per cent. resulted for most major items, due to large increase in repair costs, and the accelerated deterioration of plant items which had been purchased secondhand from Disposals at the end of the war.

The present plant strength of the Commission numbers about 6,500 items, ranging from large excavators and tractors to small concrete mixers and pumps. These items amount to approximately £2,000,000 in total value, apart from plant at Eildon.

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Six hundred of the above items were received this year from local and overseas suppliers, at a cost of £510,071. Orders placed during the year were to the value of £174,714, and an amount of £472,130 still exist as outstanding orders covering 238 items. It was not possible to obtain locally some items such as rock grapples, mechanical ditchers, and weed rakes, required by the Commission for its special needs. These were purchased direct from the United States, and also from New Zealand.

Central Plant Workshops.

Work on the Commission's extensive workshops at Bendigo for the overhaul of all classes of earth-moving equipment and motor vehicles in the Commission's service was continued during the year.

The Workshops are not yet in full operation, but numerous items of plant were completely overhauled during the year. The shops, machinery, and personnel have been planned for an ultimate annual turnover of approximately 272 items of heavy equipment and motor vehicles for major repairs and overhaul.

TOWN WATER SUPPLIES.

Coliban System.

The main storages of the Coliban system of works, comprising the Upper Coliban, Lauriston, and Malmsbury reservoirs which have a combined capacity of 56,250 acre feet filled in August. As a consequence ample water was available throughout the district for the year's requirements for domestic, stock, and irrigation purposes. During the latter half of the year good rains occurred over the catchment resulting in the main storages filling by the end of June, 1951 : thus assuring a supply sufficient for all needs for the year 1951–52.

The work of concrete lining and fluming of channels as a method of improvement to minimize water losses in conveyance of water, particularly along the main channels, has been continued. The construction of a new 36-inch diameter cast in situ siphon and the laying of a new 15-inch diameter pipe siphon together with the replacement of a number of worn-out road culverts with new reinforced concrete pipe culverts, was also undertaken. Progress has at times been retarded on account of shortage of materials.

Reticulation extensions and improvements have been effected in systems at Bendigo, Eaglehawk, Castlemaine, Harcourt, and Newstead. A number of land subdivisions is being undertaken in the Bendigo and Castlemaine Districts necessitating some expansion of the reticulation system as warranted by the subsequent housing development thereon.

To provide a more reliable supply and to improve the quality of the water for the town of Castlemaine surveys and investigations of new storage sites are in progress.

Run-off for the early part of the year was below average, and by February, 1951, the small local storage basins in the Newstead area which are filled by the Jim Crow Creek channel were approaching rather a low stage. However, rains fell in time to relieve the position.

Mornington Peninsula District.

Exceptional development in the Peninsula towns still continues. Applications for new services reached 1,794 compared with 1,819 for the previous year. The total number of services is now 19,199.

Works to increase the carrying capacity of the Bunyip Main Race to 42 cubic feet per second were resumed along the Toomuc–Beaconsfield section.

The construction of the 30-inch main from the Beaconsfield Reservoir was continued and 2·68 miles of pipe has been laid including a crossing above ground over the Cardinia Creek.

The 18-inch diameter main in Gladstone-road, Dandenong, was completed and brought into service in September.

A temporary pumping plant to raise water from the Lysterfield Reservoir to the inlet channel of the Dandenong Reservoir was completed, and pumping was commenced at the end of December. Three units, diesel driven, each of 700 g.p.m. capacity were installed. With this system in use during periods of high demand more water is made available for diversion from Beaconsfield Reservoir to the Frankston and Bittern Storages.

Dry conditions over the Bunyip Catchment Area reduced river flow in December and January, and early in February it became necessary to impose restrictions on the use of water over the whole of the Mornington Peninsula Waterworks District for periods varying from four to twelve weeks, according to the locality. Restrictions were retained for the maximum period of three months in the Dromana–Portsea Urban District and were not lifted there until 3rd May.

Nursery work has continued at Lysterfield Reservoir during the year, some 86,000 seedling trees mainly of messmate and red gum now being on hand for planting out in the Spring of 1951. Last season the work of afforestation was commenced and 53 acres were planted. Notwithstanding the prolonged and dry summer the majority of the trees survived.

Bellarine Peninsula District.

The replacement of the old 24-inch wood main along the Bellarine Pipeline between Waurn Ponds Basin and the Geelong Offtake by 30-inch diameter reinforced-concrete and 30-inch diameter cement-lined mild steel pipes was completed and in operation before the summer. As a result, increased rates of supply of water were available to the Geelong Trust. The construction of concrete piers to support 18-inch diameter concrete-lined mild-steel pipes from the Geelong Offtake to Breakwater, a distance of 4·2 miles, was completed; 3·8 miles of the pipes were delivered and 1·65 miles laid on the piers and joined together by welding.

Further work was undertaken at Bellarine Basin during the off-peak demand season, and the construction of two earthen embankments was completed and has resulted in the capacity being increased to 85 million gallons.

To meet the rapidly-increasing demands of Bellarine Peninsula townships, a separate 18-inch diameter steel inlet main from the Ocean Grove Offtake to Bellarine Basin was installed.

The replacement of 0·89 miles of old 11-inch diameter spiral steel pipes between Queenscliff Basin and Yarram Creek by 15-inch diameter reinforced concrete pipes was undertaken, but remains to be tested prior to being placed in service.

Delivery of 2·15 miles of 15-inch diameter and 12-inch diameter reinforced-concrete pipes to be laid from a point near the Ocean Grove Offtake pit and Ocean Grove was effected and work commenced on the laying of these pipes. This main will replace existing 11-inch diameter and 9-inch diameter cement-lined mild steel pipes.

The number of new services connected was 268 as compared with 257 for the previous year. The total now served—excluding Geelong—is 3182.

Investigation work in connexion with a proposed dam on the West Barwon River entailed the sinking of a number of shafts and bores on alternative sites.

The quantity of water supplied to the Geelong Waterworks Trust during the year ending 30th June, 1951, was 1,121,581,000 gallons (4,119 acre feet), as compared with 932,661,000 gallons (3,425 acre feet) for the previous year.

Wimmera–Mallee.

During the year the storages of the 37 pipe reticulated townships in the Wimmera and Mallee directly controlled by the Commission received full supplies from the Wimmera–Mallee Domestic and Stock Water Supply Systems with which they are connected.

In addition, bulk supplies of water were made available from this system to the townships of Horsham, Murtoa, Warracknabeal, Donald, Charlton, and Underbool which are controlled by local Water Works Trusts.

Supplies were given to the urban reticulations of Carwarp, Merbein, Meringur, Nyah, Nyah West, Piangil, Red Cliffs, and Werrimull, the waters being pumped from the River Murray.

Owing to the extended dry period during the summer months, urban storages were depleted more rapidly than normal, necessitating water restrictions in the urban townships of Berriwillock, Beulah, Brim, Dimboola, Dooen, Hopetoun, Jeparit, Lalbert, Manangatang, Meringur, Ouyen, Patchewollock, Rainbow, Sea Lake, Speed, Tempy, Ultima, Waitchie, Walpeup, Watchem, Werrimull, and Woorinen.

The construction of the No. 2 Storage at Meringur with a capacity of 2,880,000 gallons was practically completed during the year and the installation of the 30,000-gallon steel tank for High Level Service Basin at Wycheproof, and the 100,000-gallon steel tank on earthen mound at Brim was carried out.

Robinvale Township.

The reticulation of the Robinvale township is gradually extending, 53 tenements being connected. The supply is by a windmill and auxiliary pumping plant on the River Murray.

Otway District.

Orders were placed for the supply of automatically-controlled pumping units, and the foundations for the pumping plant at the Warrnambool Auxiliary Basin were completed.

Following an abnormally dry period the quantities of water available for diversion from Arkins Creek were inadequate to meet requirements throughout the district and some restrictions had to be imposed for a period commencing in the middle of February and terminating early in May.

The quantity of water supplied to Warrnambool Trust for the year ended 1st November, was 292,139,000 gallons.

Wonthaggi District.

The quality of water delivered from Lance Creek Reservoir was generally satisfactory, although seasonal conditions necessitated treatment of the stored water with copper sulphate early in March. The pine plantation around the reservoir continues to make good progress.

Owing to the continued spell of warm, dry weather in December and January, a critical position developed in the supply of water to Wonthaggi. Appeals for economy in the use of water published in the local papers obtained the co-operation of the public and the demand fell appreciably. However, it was necessary to impose restrictions from the middle of February until the end of March.

Installation of Water Meters in Main Urban Division.

The table summarizes the position in regard to the installation of water meters in the following Urban Districts—

District.	1950–51 Total Number of Services.	Meters Installed During Year.	Total.	Percentage.
Coliban	14,131	2,097	9,955	70
Mornington Peninsula	19,199	3,710	15,375	80
Bellarine Peninsula	3,182	311	2,687	84
Otway	2,356	166	2,221	94
Wonthaggi	1,586	5	76	5
Total	40,454	6,289	30,314	..

Waterworks Trusts and Local Governing Bodies.

The Commission exercises a general supervision over local authorities which supply water for domestic and industrial purposes in country towns throughout the State. These now total 145, four new local authorities having been constituted and one existing Trust (the Yatchaw Waterworks Trust), being reconstituted as a Drainage Trust during the year.

New Waterworks Trusts constituted during the year were those at Barnawartha, Hernes Oak, Meeniyan, and Yarragon. In addition new Urban Districts were added to the Waterworks Districts of existing Trusts to permit the construction of new town supplies at Dunkeld, Glenorchy, Hall's Gap, and Streatham. New town supplies were also approved for the townships of Great Western and Marlo.

Despite the serious shortage of labour and materials which limited construction progress during the year, the amount of work carried out again showed an increase and advances of Government loan and grant funds to local governing bodies and trusts for water supply works during the period totalled £858,054.

Capital expenditure during recent years was as follows :—

	£
1945–46	58,152
1946–47	257,079
1947–48	326,790
1948–49	456,700
1949–50	610,046
1950–51	858,054

The estimated cost of town water supply works which have been approved but not yet carried out by local authorities, exceeds £4,000,000. To overcome the shortage of pipes for new projects, the Commission placed an order overseas for 126 miles of pressure piping, but although some of the pipes have been manufactured, delivery has not been made because of the inability of the manufacturers to obtain shipping.

At Ararat general approval was given to the enlargment of the Mount Cole storage, while tenders were also accepted for the replacement of further sections of Langi Ghiran main pipeline.

Progress during the year by the Ballarat Water Commissioners on the construction of the 3,000 million gallon White Swan Reservoir was satisfactory.

Work has been continued by the Benalla Waterworks Trust on the installation of the pipeline from Ryan's Creek Reservoir, and it is hoped to have this pipeline in operation during the 1951–52 summer.

The First Mildura Irrigation Trust has continued with the replacement of channels by pipelines, and the preparatory work for the construction of a new central pumping station.

The Mildura Urban Water Trust added to its reticulation system to serve new housing development and the extension of the supply to Irymple township is nearing completion.

The Geelong Waterworks and Sewerage Trust completed its preliminary investigations regarding the proposed Bostock Storage, and the preparation of detailed plans for the work is now in progress.

Lancefield Waterworks Trust is constructing an additional reservoir, and has also undertaken the enlargement of the main pipeline.

During the year water was supplied for the first time by the Mirboo North Waterworks Trust.

At Moe, Morwell, and Traralgon, the Trusts have carried out major reticulation extensions to serve the housing development resulting from the Morwell Brown Coal Project. In addition to these reticulation extensions, a new reservoir has been constructed at Traralgon, several pipe mains have been enlarged at Moe, and plans and specifications have been prepared for a new elevated storage at Morwell.

At Romsey construction of a new storage has commenced, and at Sunbury the storage has been doubled by construction of a second basin of 24 million gallons capacity.

Extensions to reticulation systems and other improvements were also carried out during the year at Bright, Daylesford, Hamilton, Horsham, Mansfield, Numurkah, Shepparton, Wangaratta, Warragul, and Wodonga.

Major improvements were also approved at Alexandra, Broadford, Colac, Leongatha, Shepparton, and Tatura.

SEWERAGE AUTHORITIES.

During the year Sewerage Authorities were constituted for the towns of Mansfield and Orbost. This brings the total number of Victorian Sewerage Authorities to 56, of which 29 have works in complete or partial operation. In addition schemes were approved for the townships of Casterton, Croydon, and Lilydale.

Although a large number of extensions to existing schemes have been carried out, it has been found impracticable because of shortages of labour and materials to resume the construction of partially-completed works or commence the construction of new town sewerage systems.

At Moe where the major housing development associated with the brown coal development made the provision of sewerage imperative, work has been carried out by the Authority on the reticulation sewers and the treatment works using both day labour and contract methods, but progress has been slow.

The number of Authorities which have prepared detailed plans and specifications and are awaiting the opportunity to commence construction is steadily growing, and there are now fourteen towns in this category.

At Ballarat work has progressed satisfactorily on the construction of a new ejector station and rising main to extend the sewered area at North Ballarat.

New major sewerage works have also been approved at Mildura, comprising a main pumping station, new main and reticulation sewers which will eliminate the existing rising main and one ejector station.

Extensions to the sewer reticulation systems to serve housing projects or new industrial areas, were constructed at Ararat, Ballarat, Benalla, Bendigo, Castlemaine, Colac, Dandenong, Echuca, Geelong, Hamilton, Shepparton, Swan Hill, Wangaratta, Warragul, and Warrnambool.

DRAINAGE AND FLOOD PROTECTION WORKS.

Koo-wee-rup and Cardinia Districts.

In the Koo-wee-rup District, the construction of the large Yallock Floodway and protective embankment from Bayles to Cora Lynn has been held up owing to difficulties in regard to the supply of bridge material and the provision of the necessary floodway openings through the Koo-wee-rup–Yannathan railway at Bayles. However, the Bayles–Yannathan section of the line is now being dismantled under the provisions of Act No. 5509, and it is expected that operations on the Yallock Floodway will be resumed as soon as working conditions permit after the winter.

Mechanical excavators have effected considerable improvement to some 10 miles of major outfall drains and 15 miles of subsidiary internal drains during the year.

Mechanical excavators remodelled the Toomuc, Gum Scrub, and Deep Creek Outfalls for a total length of nearly 7 miles, and deepened and regraded the large Tooradin Inlet Drain for 2½ miles from Sawtells Inlet to Manks-road, with a view to checking the prolific growth of reeds and cumbungi by the influx of tidal water.

Privately-owned suction plants operating under arrangement with this Commission have removed an additional 27,000 tons of coarse, clean sand from the Koo-wee-rup Main Canal and nearly 3,600 tons from the Cardinia Drain during the year. The total output of sand from the Koo-wee-rup Canal has amounted to approximately 734,000 tons over the period since 1925.

Carrum District.

In this district some 6 miles of major internal drains have been remodelled by mechanical excavator during the year, including the Eel Race Drain between Wells and Rossiter-roads, the Boggy Creek Drain from Wells-road to the district boundary, and McCools Drain from Wadsley's Drain to the northern end of Rossiter-road.

The inquiry by the Parliamentary Public Works Committee into the question of improving the drainage of the low lands in the Carrum Drainage District, with particular reference to the residential lands in the City of Chelsea, and other relevant matters, is still in progress.

Murray Levees.

During the year two applications for permission to erect levees along the River Murray for the protection of lands from flooding were investigated and dealt with by the Interstate Committee appointed for the purpose.

RIVER IMPROVEMENT.

Activities resulting from the passing of the *River Improvement Act* 1948 increased considerably during the year.

The development of river improvement through the agency of local Trusts, each controlling its own district under the general supervision of the Commission, has meant a great deal of work. Not only has an administrative system to be evolved within the Commission to deal with the supervision of Trust operations, but each Trust has had to be assisted in establishing itself. Moreover, conditions vary widely from one district to another, and the constitution of each new Trust raises new problems—engineering, legal, financial, and administrative. The dearth of engineers with wide experience in river improvement work has meant extra work for the engineers of the Rivers and Streams Division of this Commission, as, in addition to the normal function of reviewing projects and works programmes submitted by the existing Trusts, they have had to advise extensively as to the investigation of schemes in connexion with the preparation of applications for various new districts.

Four new river improvement Trusts were constituted during the year, for districts along the Latrobe, Tarwin, Snowy, and Avon Rivers respectively. In addition, the former Yatchaw Waterworks Trust has been converted into a Drainage Trust as from the 1st July, 1951. With the King River Improvement Trust, this makes six Trusts now constituted.

Of these, the King River Improvement Trust, which was the pioneer Trust, commenced its works about the end of December, 1950. It has already snagged several miles of river and has also checked erosion of the river bank at numerous points. The Latrobe Trust is carrying out extensive maintenance work on the river while preparing a programme of future works. The Tarwin Trust is commencing the enlargement of portion of the river, having arranged to hire an excavator from the Commission. The Snowy and Avon Trusts had not held their first meetings when the year ended.

Applications are in course of preparation for the constitution of Trusts for the Mitchell, Tambo, Cann, Thomson–Macalister, Kiewa, Ovens, Glenelg, and Barwon Rivers, and Broken Creek. The existing Bendigo Creek Trust has been authorized by the *Water Act* 1950, to apply for conversion to a Trust under the River Improvement Act.

Engineers of the Rivers and Streams Division have attended various meetings concerned with proposals to apply for the constitution of Trusts for other streams. Public meetings of landholders have requested the appropriate municipal authorities to have improvement schemes prepared for the Moyne and Merri Rivers, a meeting has discussed the problem of the Bullock Creek, and inspections have been made of Sheepwash Creek near Kerang.

Regulations have been approved and gazetted setting out the forms in which Trust accounts shall be kept.

The Drainage Consultative Committee, established by agreement between the Minister of Public Works and the Minister of Water Supply, has continued to examine proposals for projects involving drainage of lands and to report on these matters to the respective Ministers. An Erosion Reference Committee has been established to investigate and make recommendations as to actions to be taken by the Soil Conservation Authority and by this Commission respectively, in cases of erosion. The Interstate Departmental Committee, set up in 1949, to report and advise on matters of river improvement in the Murray and Indi Rivers, has made inspections of a number of cases and furnished reports to the respective Water Commissions of New South Wales and Victoria.

Methods of control of willows along streams are still under investigation. Some measure of success by the use of hormone preparations seems likely, but the investigation is not yet concluded.

Trials have been commenced of the "water willow" (*Dianthera americana*) for arresting erosion along the shores of lakes and reservoirs. This species has been used for similar purposes in the United States of America, and after negotiations to obtain the plant and with the ready assistance of C.S.I.R.O., in propagation and testing under controlled conditions, trial plantings have commenced in localities considered suitable and safe.

Rivers and Streams Fund.

Revenue from leased river frontages credited to the Rivers and Streams Fund for the year was £11,318. Owing probably to the actual or contemplated formation of River Improvement Districts for several streams, and also possibly because much of the wartime lag in minor stream improvement has been overcome, there were rather fewer applications for grants from the Rivers and Streams Fund than during the previous year. However, grants were approved for 64 items of work planned by 33 different authorities as against 104 grants to 46 authorities the year before. These grants were for works on 41 different streams, apart from the general grant to shire councils for use in cases of emergency for small works of snagging.

Claims reimbursed from the Fund amounted to £19,393, and the balance of the Fund available for new allocations at 30th June, 1951, was £18,103.

Floods.

Some flooding occurred at various times and places during the year, the most serious being in Gippsland. Main roads and highways were blocked on several occasions.

In October, the Gippsland streams east of the Latrobe reached high levels, the most serious damage occurring through the overflow of the Snowy River, where the flood was the second highest since measurements commenced in 1908. Damage was caused to the Marlo-road at Gilbert's Gulch, and Watts Gulch was breached, temporarily cutting off communications with Orbost.

In February, 1951, other rises occurred in rivers in Gippsland, and in the Central and Northern Divisions, the streams principally affected being the Latrobe, Campaspe, and Loddon. Local flooding occurred in the vicinity of Kerang and Bealiba. Heavy rain in June caused several floods in the Campaspe, King, Ovens, and Loddon Rivers. In Gippsland, the Powlett and Cann Rivers reached a high level.

Sludge Abatement Board.

The Sludge Abatement Board continued its operations during the year. This Board was set up in 1905 in accordance with the provisions of the *Mines Act* 1904 to regulate dredging, sluicing, and other mining operations which might affect water-courses and reservoirs or lands used for agricultural, grazing or residential purposes, by the discharge of water, sludge or mining debris.

The Board has exercised very effective control over mining operations, and its work has enabled large quantities of gold and minerals to be recovered without detriment to streams or marginal lands. The Commission is represented on the Board by Mr. H. G. Strom, Divisional Engineer for Rivers and Streams.

ENGINEERING RESEARCH BRANCH.

The outstanding features of the year's activities were the large volume of soil-testing work handled in the Soil Mechanics Section, and the increased number of water samples submitted for examination and analysis.

During a portion of the year the regular laboratory staff was augmented temporarily by the attachment of several officers of the Eildon Dam staff, with the object of the latter deriving some experience, chiefly in soil testing, designed to be of assistance when their duties commence in the field laboratory in course of establishment at Eildon.

The lack of adequate supplies of cement, pig iron, and steel, have been reflected in reduced activity in certain sections of this Branch, although fortunately it is now apparent that the cement position is greatly improving, due in a large measure to the efforts of the Materials Procurement Directorate in importing cement for departmental uses.

Plans have been prepared for a new laboratory which when completed will increase the scope of this Branch and greatly facilitate all sections of the work carried out.

Investigations have been continued on the use of fly-ash as an admixture in concrete, jointing compounds for use in expansion joints in concrete, protective coatings on steel pipelines, and the suitability of various types of aggregate for concrete construction.

A summary of other work carried out is submitted under the following sections :—

1. Routine Laboratory Tests.
2. (*a*) Out-door Testing of Materials and Manufactured Articles.
   (*b*) Inspection of Materials Supplied by Contractors.
3. Water Purification and Analysis.
4. Soil Mechanics.

1. Routine Laboratory Tests.

Portland Cement.	Tons.
Victorian production	11,035
Tasmanian	224
New South Wales	634
British	550
Japanese	1,050
Swedish	951
Totals	14,444
Concrete specimens	Number tested .. 434

Additional to the above a number of samples of cement of both Overseas and Australian manufacture representing an unspecified tonnage were tested for other departmental bodies.

2. (*a*) Outdoor Testing of Materials.

Item Tested.	Length in Feet.
Asbestos cement pipes	147,861
Cement concrete pipes	64,542
Steel cement lined pipes	23,406
Total	235,809

These pipes were tested to withstand the various pressure heads as designed, and were of diameter up to 60 inches in the case of concrete pipes, and 30 inches in steel.

A variety of other items also were tested including cast-iron pipes, valves, and water meters.

2. (*b*) Inspection of Materials Supplied by Contractors.

In this category are included items of such nature that the quality of the material or its fabrication can be reliably assessed by competent inspection.

Among them were 34,000 cast-iron pieces or assemblies, consisting in the main of Gibault joints, tapping saddles, fireplugs, and covers for valves, meters, and fireplugs.

In addition a considerable number of other items were inspected including mild steel and cast-iron bends, tees, and other pipeline fittings, lifting gear for sluice valves ducts for tunnel ventilation, structural steel, and timber.

3. Water Purification and Analysis.

During the year 538 samples of water were received and analysed. Many of these samples were obtained in the normal course of operation of the recently introduced scheme for regular periodical sampling of waters in this State embracing at the present stage approximately 100 sampling points comprising :—

Reservoirs and major storages	52
Urban supplies	32
Rivers	12

Apart from the above, other samples were of a periodic nature representing rivers and streams, wells, bores, and other sources or potential sources of water supply, and in some instances drainage effluents.

Although the standard methods for examination of water published and sponsored by the American Public Health Association and the American Water Works Association are in general employed, the obligation to keep abreast of progress in the way of new and improved methods of analysis is recognized. To this end the colorimetric Versenate method for determining the calcium and the magnesium content and thus the hardness of the water, was investigated and a thorough trial showed its advantages warranted its adoption.

From the analytical data already accumulated, supplemented when required by chemical analyses, or experimental treatment tests on samples collected for each specific purpose, it was found practicable to tender advice of material assistance to manufacturing industries, and also in several instances to contribute information influencing the locality selection for proposed industrial undertakings of oversea organizations not yet manufacturing in this country.

In a number of cases recommendations were made regarding chemical treatment for improving the quality of the water in certain urban supplies and information in regard to the suitability for use of many samples of water, chiefly from underground sources, was supplied in reply to enquiries from landholders.

4. Soil Mechanics.

A large number of soil samples was tested to determine the particle-size distribution, optimum density, shearing resistance, and permeability.

The major portion of the year's work has been the completion of the testing of samples from the proposed Marraboor Weir Site on the River Murray, the Tarago Diversion Weir Site, the sites of the proposed Waranga Western Channel enlargement, and the Goulburn–Waranga Channel duplication, and the continuation of investigations on samples from the proposed Tullaroop Creek Reservoir Site.

Tests have also been made on samples from the sites of reservoirs and channel construction for the Commission and Urban Waterworks Trusts. In addition undisturbed samples of embankment soils were tested on behalf of the Hydro-Electric Commission of Tasmania.

Visitors to the laboratory who wished to inspect the equipment used and the methods and procedures employed in the soil testing included members of the engineering faculties of two Universities and engineers from various departmental authorities.

It is of interest to mention that certain techniques in soil testing contributed by Mr. Turnbull, the officer in charge of the Soil Mechanics section, have been accepted for publication by the American Society for Testing Materials.

LAND VALUATIONS.

The values of rural land over the last year have continued their upward trend, and were given great impetus in the early months of 1951 in many districts by the spectacular rise in the price of wool obtained in the new season's sales. An almost equally spectacular drop in the wool price at the end-of-season sales still left the price above that obtaining in the similar period in 1950, with a resultant uncertainty as to trends in 1951–52. This uncertainty had not been reflected to any great extent in land values up to 30th June, 1951, but the problem confronting valuers, particularly in dealing with compensation for acquired lands, is apparent. Considerable research into land values in every district affected has been necessary.

Valuations for Rating.

The task of revaluing each of the Commission's Districts, commenced in 1945, will be completed so that all Districts will be rated in the financial year 1951–52 on a valuation carried out since 1945. During the current financial year, field work in ten districts has been completed, while the remaining nine districts (four irrigation and five waterworks) will all be completed by September, 1951.

Summary of District Rating Valuations Returned to Commission by 30th June, 1951.

Type of Districts.	Number of Districts.	Number of Assess.	Area.	Total U.C.V.	Total N.A.V.
Irrigation	24	12,817	1,723,851	12,666,902	1,213,127
Waterworks	25	15,101	7,257,992	14,663,241	1,684,478
Flood Protection	1	978	56,526	612,573	70,039
Totals	50	28,896	9,038,369	27,942,716	2,967,644

Seven hundred and eighty-four supplementary valuations were carried out in the year, 639 of these being in Irrigation Districts, where the demand for land carrying a water right has resulted in many subdivisions.

District Valuation Appeals.

No appeals to a Court of Petty Sessions against valuations for rating purposes were made during the year under review.

Staff.

During the year, one Temporary Valuer and two Cadet Valuers resigned to take other appointments.

The system of training Cadet Valuers is proving satisfactory. The field experience gained, the academic training received through the Commonwealth Institute of Valuers, and the acquisition of general knowledge of the Commission's activities should result in the Cadets becoming proficient valuers for the Commission.

MECHANICAL BRANCH.

Transport.

The total number of vehicles in the service of the Commission at the end of the year under review is 754, comprising 374 owned by and hired from officers and other employees of the Commission, and 380 owned by the Commission. The 374 vehicles hired at a rate-per-mile basis travelled 624,202 miles during the year. The Commission's vehicles, comprising 30 cars, 217 utility trucks, and 133 other types chiefly of the heavy variety, travelled a distance of 2,849,620 miles for the year. Thus, the total mileage covered by vehicles in the Commission's service for the year was 3,473,822 miles.

The supply of new vehicles for the year was adequate, 106 being delivered to the Commission, mostly of the light utility truck type, of which eleven were for replacement of worn-out vehicles and 95 additions to the fleet.

The two heavy low-loading transporters continued to operate satisfactorily during the year, travelling 26,916 miles in the period, mainly in the movement of heavy earth-moving equipment between works and districts and workshops.

TECHNICAL LIBRARY.

The Technical Library of the Commission has continued to expand in order to meet the growing needs of the Commission. Australian and Overseas periodicals now circulated to the Commission's officers have increased to 200. These periodicals are reviewed by the Library Committee every three months so that additions may be made when necessary and journals which no longer serve a useful purpose may be removed from the circulation list.

The work of the Library has been retarded during the year because of lack of staff and changes in personnel, although the remaining members of the staff have done everything possible to keep the work up-to-date. The issue of the monthly Library Bulletin has, however, been seriously delayed because of staff shortage. The Branch Library at 31 Flinders-lane has continued to be the distribution centre for periodicals for officers stationed in that building, and, in addition, it has handled the borrowing of material from other Libraries for those officers.

It is hoped during the year to transfer further books to the Branch Library so that they may be readily accessible to those members of the Technical Staff, housed in that building.

Publications.

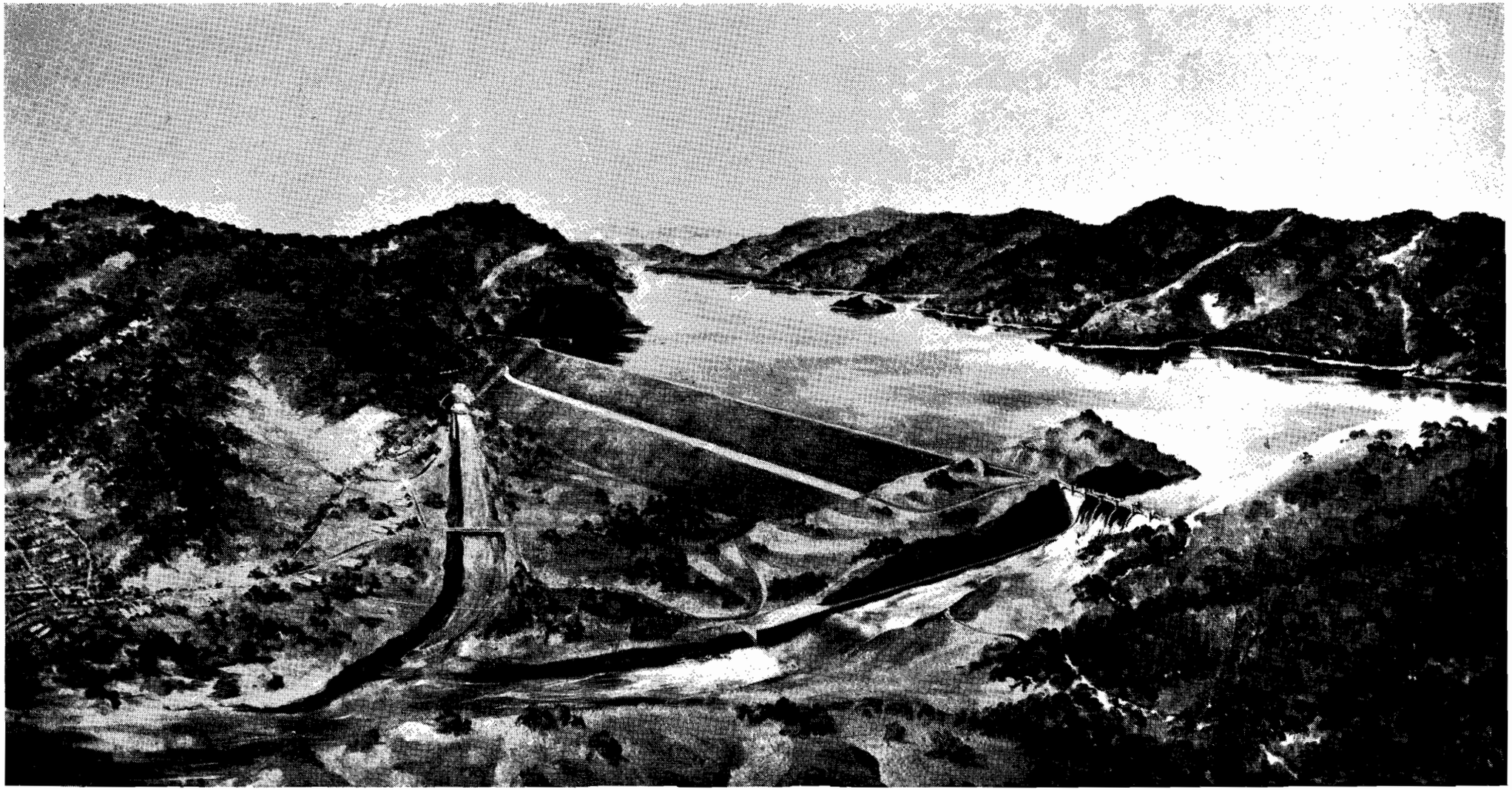
There has been an ever increasing demand from all sections of the public for the Commission's booklets, pamphlets, and other publications.

FIRST MILDURA IRRIGATION TRUST.

On the 30th May, 1951, Commissioner W. B. Hawson, Chairman of the First Mildura Irrigation Trust, presented his report covering the activities of the Trust for 1950–51.

The report stated that the irrigation season had been comparatively dry, with long spells of hot weather during the summer months. The pumping system was operated at its maximum capacity and supplied a greater quantity of water than usual. The pumps again performed their duty of supplying the settlement, but some delays were occasioned owing to the development of mechanical faults.

Four ordinary and four special irrigations, involving 166 days pumping, took place, and the quantity of firewood consumed was 39,312 tons, whilst the total quantity of water pumped was 50,000 acre feet.



AN ARTIST'S IMPRESSION OF THE BIG EILDON RESERVOIR WHEN COMPLETED.

The Big Eildon Reservoir, which, when completed, will have a capacity of 2,750,000 acre-feet, will be situated immediately downstream from the existing Eildon Reservoir on the Goulburn River. The embankment, which will be 3,000 ft. long, 1,020 ft. wide at the base, 30 ft. wide at the crest, and 260 ft. high, will contain 13,000,000 cubic yards of earth and rock-fill.

10876/51.

PART III.—RATING AND FINANCE.

VALUATIONS, RATES, IRRIGATION CHARGES, AND FLOOD PROTECTION CHARGES.

The statements which follow set forth the districts supplied by the Commission with water for domestic and ordinary use and for watering cattle or other stock, together with the annual value of the lands and tenements, the number of assessments, and the general rates, compulsory irrigation charges, flood protection rates and charges, and drainage rates made in all districts. An estimate of the number of persons dwelling in such districts is also appended.

With the exception of two districts the compulsory irrigation charges were reduced from those made for the previous year in districts where water for irrigation is obtained by gravitation from the various storage reservoirs throughout the State. In addition, the unit charge was reduced in the four districts which are supplied with water by pumping from either the River Murray or storages. However, the rates made and levied by the Commission in Irrigation and Water Supply Districts during the year were not altered from those made for the previous year.

In Waterworks Districts no increases were made in the rates levied for the year.

As compared with the previous year, the rates made and levied in three Urban Districts were increased. In 51 Urban Districts the minimum amount of rate for land on which there is a building was increased.

Lands in the newly constituted Robinvale Urban Division were rated by the Commission for the first time.

The drainage rate for the Carrum Drainage District was increased from that of the previous year, and the rate and charge in two of the four Flood Protection Districts were also increased. No alteration was made in the drainage rates in Irrigation Districts where drainage facilities have been provided.

VALUATIONS, RATES, IRRIGATION CHARGES, AND FLOOD PROTECTION CHARGES.

Districts Supplied with Water for Domestic and Ordinary Use and for Watering Cattle or Other Stock.	Area of District in Acres.	Area Classified as Irrigable in Acres.	Water Rights Apportioned (including Extra Rights) in Acre Feet.	Unimproved Capital Value.	Annual Value of Lands and Tenements.	Rate in the £1 made during Year ended 30th June, 1951.							Compulsory Irrigation Charge per Acre foot of Water Right, Season 1950–51.	Number of Assessments.	Estimated Number of Persons Dwelling in District.
						General Rate.			Drainage Rate.						
IRRIGATION AND WATER SUPPLY DISTRICTS.															
					Valuation by Commission.	Divisions.			Divisions.						
						1st.	2nd.	3rd.	1st.	2nd.	3rd.	4th.			
Supplied from Goulburn System.				£	£	*s. d.*	*s. d.*	*s. d.*	*s. d.*	*s. d.*	*s. d.*	*s. d.*	*s. d.*		
1. BOORT	80,233	56,725	11,339	..	18,483	1 0	..	..	..	..	..	..	8 6	293	491
2. CALIVIL	61,134	32,527	6,505	290,057	17,252	1 0	0 6	..	..	..	..	..	8 6	207	455
3. DEAKIN	160,879	21,202	5,698	418,636	51,840	1 8	0 10	0 5	2 0	1 6	1 0	0 6	8 0	516	1,430
4. DINGEE	8,823	4,447	4,447	53,516	3,892	1 0	..	..	2 0	1 6	1 0	0 6	8 6	87	195
5. KATANDRA	13,970	11,189	7,329	119,429	9,791	1 0	..	..	2 0	1 6	1 0	0 6	8 6	145	493
6. NORTH SHEPPARTON	124,082	61,439	13,201	936,878	56,947	1 0	0 6	..	2 0	1 6	1 0	0 6	8 6	510	1,028
7. ROCHESTER	182,005	56,995	57,466	1,526,935	105,525	1 0	0 6	0 3	1 4	1 0	0 8	0 4	8 0	997	2,977
8. RODNEY	272,609	190,303	60,922	2,208,099	176,455	1 0	0 6	..	2 0	1 6	1 0	0 6	8 0	1,951	5,200
9. SHEPPARTON	24,330	21,255	21,256	501,473	52,558	1 0	..	..	2 0	1 6	1 0	0 6	8 0	670	2,631
10. SOUTH SHEPPARTON	33,704	17,920	4,404	258,884	15,951	1 0	..	..	..	..	..	..	8 0	150	358
11. TONGALA–STANHOPE	76,142	47,622	48,048	410,051	68,650	1 0	..	..	2 0	1 6	1 0	0 6	8 0	1,074	3,210
12. TRAGOWEL PLAINS	218,505	148,759	31,192	..	58,668	1 0	0 6	..	2 0	1 6	1 0	0 6	8 6	665	864
Totals	1,256,416	670,383	271,807	..	635,312	..	..	..	..	..	..	..	..	7,265	19,332
Supplied from Yarrawonga Weir.															
13. MURRAY VALLEY	267,344	147,375	67,208	..	109,589	1 0	..	..	..	..	..	..	10 0	924	2,861
Supplied from Torrumbarry System.															
14. COHUNA	85,764	44,687	49,302	..	46,224	1 0	0 6	..	2 0	1 6	1 0	0 6	8 0	650	1,703
15. FISH POINT	6,327	3,756	1,845	28,761	2,148	1 0	..	..	..	..	..	..	8 0	38	60
16. KERANG	88,576	55,435	21,407	358,920	17,954	1 0	0 6	0 3	2 0	1 6	1 0	0 6	8 0	445	753
17. KOONDROOK	88,180	24,572	24,622	479,940	25,706	1 0	0 6	0 3	2 0	1 6	1 0	0 6	8 0	493	1,051
18. MYSTIC PARK	20,274	7,805	2,677	66,740	3,337	1 0	..	..	..	..	..	..	8 0	84	116
19. SWAN HILL	37,173	22,257	25,875	..	30,631	1 0	..	..	2 0	..	..	..	8 0	800	2,210
20. THIRD LAKE	11,483	3,771	2,513	43,120	2,156	1 0	0 6	..	..	..	..	..	8 0	65	73
Totals	337,777	162,283	128,241	..	128,156	..	..	..	..	..	..	..	..	2,575	5,966

VALUATIONS, RATES, IRRIGATION CHARGES, AND FOOD PROTECTION CHARGES—*continued.*

Districts Supplied with Water for Domestic and Ordinary Use and for Watering Cattle or Other Stock.	Area of District in Acres.	Area Classified as Irrigable in Acres.	Water Rights Apportioned (including Extra Rights) in Acre Feet.	Unimproved Capital Value.	Annual Value of Lands and Tenements.	Rate in the £1 made during Year ended 30th June, 1951.							Compulsory Irrigation Charge per Acre foot of Water Right, Season 1950–51.	Number of Assessments.	Estimated Number of Persons Dwelling in District.
						General Rate.			Drainage Rate.						
IRRIGATION AND WATER SUPPLY DISTRICTS.															
					Valuation by Commission.	Divisions.			Divisions.						
						1st	2nd.	3rd.	1st.	2nd.	3rd.	4th.			
Supplied from Southern State Works.				£	£	*s. d.*	*s. d.*	*s. d.*	*s. d.*	*s. d.*	*s. d.*	*s. d.*	*s. d.*		
21. Bacchus Marsh	6,753	3,310	3,311	252,710	17,157	1 0	0 6	..	..	..	..	..	22 6	267	668
22. Maffra–Sale	54,332	23,091	23,107	1,004,004	87,556	1 0	0 6	0 3	2 0	1 6	1 0	0 6	12 6	507	2,200
23. Werribee	9,704	8,146	8,147	289,146	34,301	1 0	0 6	..	0 8	0 6	0 4	..	13 6	264	1,687
Totals	70,789	34,547	34,565	..	139,014	..	..	..	..	..	..	..	..	1,038	4,555
Supplied direct from River Murray.													For each 2½ acre feet		
24. Nyah	3,842	2,682	7,269	..	9,520	0 6	..	..	1 6	1 1½	0 9	0 4½	90 0	244	900
													For each 3 acre feet		
25. Red Cliffs–Merbein ..	41,495	18,909	57,525	950,845	222,461	0 6	..	0 1½	1 6	1 1½	0 9	..	110 0	1,053	5,300
													Charge per acre-foot (Sales)		
26. Robinvale	4,534	3,016	..	60,492	10,977	0 3	..	..	..	..	..	..	36 0	53	700
Totals	49,871	24,607	64,794	..	242,958	..	..	..	..	..	..	..	..	1,350	6,900
Supplied on a Sale of Water Basis.													Unit charge per acre foot for water supplied as sales		
27. Campaspe	19,725	..	..	153,662	9,005	2 0	1 0	..	..	..	..	..	8 0	146	96
28. Tresco	4,700	2,000	..	20,602	4,741	2 6	1 3	..	..	..	..	..	36 0	176	304
Totals	24,425	2,000	..	..	13,746	..	..	..	..	..	..	..	..	322	400
Totals (Irrigation) ..	2,006,622	1,041,195	566,615	..	1,269,125	..	..	..	..	..	..	..	..	13,474	40,014

VALUATIONS, RATES, AND FLOOD PROTECTION CHARGES.

Districts supplied with Water for Domestic and Ordinary use and for Watering Cattle or other Stock.	Unimproved Capital Value.	Annual Value of Lands and Tenements.	Rate in the £1 made during Year ended 30th June, 1951.			Minimum Amount of Rate per 640 Acres on Lands in the First Division.	Number of Assessments.	Estimated Number of Persons Dwelling in District.
			Valuation by Commission.	Divisions.				
				1st.	2nd.	3rd.		
WATERWORKS DISTRICT.								
Supplied from Wimmera-Mallee System.	£	£	*s. d.*	*s. d.*	*s. d.*	£ *s. d.*		
29. Birchip	701,168	44,544	2 6	1 3	0 7½	10 13 4	625	860
30. Hindmarsh	139,980	8,719	2 6	..	0 7½	10 13 4	51	240
31. Karkarooc	680,892	130,238	3 0	1 6	0 9	10 13 4	1,313	4,500
32. Long Lake	..	72,021	3 4	1 8	0 10	10 13 4	817	2,100
33. Ouyen	..	38,633	3 4	1 8	0 10	10 13 4	865	2,000
34. Sea Lake	..	64,168	3 4	..	0 10	10 13 4	702	1,770
35. Tyntynder	..	47,726	3 4	1 8	0 10	10 13 4	1,015	1,900
36. Tyrrell	..	38,363	3 4	1 8	0 10	10 13 4	839	2,400
37. Tyrrell West	..	18,153	3 4	1 8	0 10	10 13 4	531	1,000
38. Upper Western Wimmera	448,496	64,489	1 8	0 10	0 5	10 13 4	503	1,686
39. Upper Wimmera United	893,507	115,916	1 8	0 10	0 5	10 13 4	823	2,300
40. Western Wimmera	5,049,764	287,188	1 6	0 9	0 4½	..	1,992	8,502
41. Wimmera United	1,177,141	353,647	1 1	0 6½	0 3¼	10 13 4	2,166	6,985
42. Wycheproof	..	87,092	2 6	1 3	0 7½	10 13 4	1,256	2,425
43. Wychitella	796,354	44,787	2 1	1 0½	0 6¼	10 13 4	479	495
Totals	..	1,415,684	..	..	..	..	13,977	39,163
Supplied direct from River Murray.								
44. Carwarp	19,752	4,301	3 4	1 8	0 10	10 13 4	166	98
45. Carwarp Central	2,550	666	3 4	1 8	..	10 13 4	22	32
46. Coreena	..	5,150	3 4	1 8	0 10	10 13 4	154	200
47. Millewa	55,549	14,114	3 4	1 8	0 10	11 10 0	434	389
48. Millewa Central	21,922	9,252	3 4	1 8	0 10	11 10 0	282	242
49. Yelta	..	1,732	3 4	..	0 10	10 13 4	42	27
Totals	..	35,215	..	..	..	..	1,100	988
Supplied by Bores.								
50. Walpeup West	..	46,627	1 0	0 6	..	5 6 8	1,025	1,750
Supplied from Coliban System.								
51. Axe Creek	18,205	1,929	2 0	..	..	..	61	250
52. Harcourt	63,522	9,243	1 6	..	..	..	201	600
Totals	..	11,172	..	..	..	..	262	850
Miscellaneous.								
53. East Loddon	303,465	19,247	1 0	0 6	0 3	..	263	195
54. Kerang North-West Lakes	..	7,400	0 8	..	..	..	180	284
55. Loddon	505,649	29,690	1 4	0 8	0 4	..	305	300
56. Normanville	..	35,850	2 0	1 0	0 6	10 13 4	293	334
57. Werribee	68,178	5,893	2 0	..	..	..	66	112
58. West Loddon	..	29,227	1 0	0 6	0 3	..	311	386
Totals	..	127,307	..	..	..	..	1,418	1,611
Totals (Waterworks)	..	1,635,974	..	..	..	..	17,782	44,362

VALUATIONS, RATES, AND FLOOD PROTECTION CHARGES—*continued.*

Districts Supplied with Water for Domestic and Ordinary Use from Pipe Reticulations.	Annual Value of Lands and Tenements.	Rate in the £1 made during Year ended 30th June, 1951.	Minimum Amount of Rate for Lands on which there is a Building.	Minimum Amount of Rate for Lands on which there is no Building.	Water Charge per 1,000 Gallons.	Number of Assessments.	Estimated Number of Persons Dwelling in District.
URBAN DISTRICTS AND DIVISIONS.							
	Municipal Valuation.				Rate Allowance.	Excess.	
Supplied from Bellarine Peninsula System.	£	*s. d.*	*s. d.*	*s. d.*	*s. d.*	*s. d.*	
59. ANGLESEA	5,027	2 4	50 0	10 0	1 0	1 0	250 350
60. BARWON HEADS AND OCEAN GROVE	21,544	2 0	40 0	10 0	1 0	1 0	1,020 1,600
61. BIRREGURRA	3,163	2 4	50 0	10 0	1 0	1 0	152 460
62. DRYSDALE	4,126	2 0	50 0	10 0	1 0	1 0	159 520
63. PORTARLINGTON	5,721	2 4	50 0	10 0	1 0	1 0	304 730
64. QUEENSCLIFF AND POINT LONSDALE	40,397	2 0	40 0	10 0	1 0	1 0	897 3,300
65. TORQUAY	12,104	2 4	50 0	10 0	1 0	1 0	538 690
Totals	92,082	..	..	..	..	..	3,318 7,650
Supplied from Mornington Peninsula System.							
66. BERWICK	11,713	1 5	30 0	10 0	1 0	1 0	301 998
67. BITTERN	714	2 2	50 0	10 0	1 0	1 0	70 110
68. BUNYIP	4,863	1 8	40 0	10 0	1 0	1 0	156 473
69. CHELSEA–FRANKSTON	303,605	1 4	30 0	10 0	1 0	1 0	8,022 23,400
70. CRANBOURNE	5,012	1 4	30 0	10 0	1 0	1 0	152 386
71. CRIB POINT	4,912	2 2	50 0	10 0	1 0	1 0	328 680
72. DANDENONG–SPRINGVALE	224,625	1 3	30 0	10 0	1 0	1 0	5,941 11,842
73. DROMANA–PORTSEA	109,350	2 2	50 0	10 0	1 0	1 0	3,623 4,700
74. GARFIELD	3,952	1 8	40 0	10 0	1 0	1 0	88 317
75. HASTINGS	4,889	2 2	50 0	10 0	1 0	1 0	209 600
76. LONGWARRY	4,480	1 8	40 0	10 0	1 0	1 0	122 341
77. MORNINGTON	74,883	1 4	30 0	10 0	1 0	1 0	1,576 3,700
78. PAKENHAM	10,707	1 8	40 0	10 0	1 0	1 0	245 863
79. SOMERVILLE	3,981	2 2	50 0	10 0	1 0	1 0	106 370
80. SOUTH FRANKSTON	44,328	1 6	40 0	10 0	1 0	1 0	561 1,150
Totals	812,014	..	..	..	..	..	21,500 49,930
Supplied from Otway System.							
81. ALLANSFORD	2,897	2 6	50 0	10 0	1 0	1 0	89 290
82. CAMPERDOWN	47,927	2 6	50 0	10 0	1 0	1 0	1,032 3,000
83. COBDEN	11,864	2 6	50 0	10 0	1 0	1 0	352 900
84. TERANG	35,863	2 6	50 0	10 0	1 0	1 0	777 2,150
Totals	98,551	..	..	..	..	..	2,250 6,340
Supplied from Wimmera–Mallee System.							
85. ANTWERP	195	2 4	50 0	10 0	1 4	1 0	23 46
86. BERRIWILLOCK	1,236	3 6	70 0	10 0	1 0	1 0	59 185
87. BEULAH	3,709	2 0	40 0	10 0	1 0	1 0	199 390
88. BIRCHIP	5,560	3 4	70 0	10 0	1 0	1 0	306 800
89. BRIM	1,264	3 6	70 0	10 0	1 0	1 0	72 200
90. CHILLINGOLLAH	240	3 6	70 0	10 0	1 4	1 0	31 30
91. CHINKAPOOK	606	3 6	70 0	10 0	1 4	1 0	36 100
92. CULGOA	1,028	2 4	50 0	10 0	1 0	1 0	40 170
93. DIMBOOLA	19,901	1 4	30 0	10 0	1 0	1 0	660 1,808
94. DOOEN	274	1 4	30 0	10 0	1 0	1 0	6 24
95. HOPETOUN	7,956	2 0	40 0	10 0	1 0	1 0	286 775
96. JEPARIT	9,151	1 5	30 0	10 0	1 0	1 0	296 886
97. JUNG JUNG	1,125	3 6	70 0	10 0	1 0	1 0	42 166
Carried forward	52,245	..	..	..	..	..	2,056 5,580

VALUATIONS, RATES, AND FLOOD PROTECTION CHARGES—*continued.*

URBAN DISTRICTS AND DIVISIONS—*continued.*

Districts Supplied with Water for Domestic and Ordinary Use from Pipe Reticulations.	Annual Value of Lands and Tenements.	Rate in the £1 made during Year ended 30th June, 1951.	Minimum Amount of Rate for Lands on which there is a Building.	Minimum Amount of Rate for Lands on which there is no Building.	Water Charge per 1,000 Gallons.	Number of Assessments.	Estimated Number of Persons Dwelling in District.
	Municipal Valuation.				Rate Allowance.	Excess.	
Supplied from Wimmera-Mallee System—continued.							
	£	*s. d.*	*s. d.*	*s. d.*	*s. d.*	*s. d.*	
Brought forward	52,245	..	..	..	..	..	2,056	5,580
98. LALBERT	658	3 6	70 0	10 0	1 0	1 0	51	130
99. LASCELLES	885	3 6	70 0	10 0	1 0	1 0	74	153
100. MANANGATANG	2,704	2 4	50 0	10 0	1 4	1 0	114	310
101. MARNOO	1,493	2 4	50 0	10 0	1 0	1 0	42	310
102. MINYIP	6,223	1 10	40 0	10 0	1 0	1 0	253	720
103. NANDALY	337	3 6	70 0	10 0	1 4	1 0	34	100
104. NATIMUK	3,741	1 4	30 0	10 0	1 0	1 0	173	553
105. NULLAWIL	659	3 6	70 0	10 0	1 4	1 0	36	100
106. OUYEN	13,502	2 6	50 0	10 0	1 4	1 0	428	1,100
107. PATCHEWOLLOCK	803	2 4	50 0	10 0	1 4	1 0	66	150
108. PIMPINIO	412	0 4	..	..	..	..	27	68
109. QUAMBATOOK	2,699	2 0	40 0	10 0	1 0	1 0	140	470
110. RAINBOW	9,007	1 4	30 0	10 0	1 0	1 0	296	720
111. RUPANYUP	5,790	2 10	60 0	10 0	1 0	1 0	198	700
112. SEA LAKE	6,840	1 6	30 0	10 0	1 0	1 0	250	730
113. SPEED	480	3 6	70 0	10 0	1 4	1 0	21	88
114. TEMPY	283	2 6	50 0	10 0	1 4	1 0	32	105
115. ULTIMA	2,155	3 6	70 0	10 0	1 0	1 0	152	250
116. WAITCHIE	145	3 6	70 0	10 0	1 4	1 0	32	30
117. WALPEUP	985	3 0	60 0	10 0	1 4	1 0	65	140
118. WATCHEM	1,733	3 6	70 0	10 0	1 0	1 0	106	240
119. WOOMELANG	2,056	2 4	50 0	10 0	1 0	1 0	126	320
120. WOORINEN	1,499	3 6	70 0	10 0	1 0	1 0	68	210
121. WYCHEPROOF	6,480	3 0	60 0	10 0	1 0	1 0	231	740
122. YAAPEET	306	3 6	70 0	10 0	1 4	1 0	29	60
Totals	124,120	..	..	..	..	..	5,090	14,077
Supplied from Torumbarry System.								
123. COHUNA	16,533	1 4	30 0	10 0	1 0	1 0	469	1,194
124. KOONDROOK	3,713	3 6	70 0	10 0	1 0	1 0	227	493
125. LEITCHVILLE	3,008	2 4	50 0	10 0	1 0	1 0	108	249
126. MURRABIT	532	3 6	70 0	10 0	1 4	1 0	25	60
Totals	23,786	..	..	..	..	..	829	1,996
Supplied direct from River Murray.								
127. CARWARP	95	3 0	60 0	10 0	1 4	1 0	18	25
128. LAKE BOGA	3,121	3 6	70 0	10 0	1 0	1 0	147	415
129. MERBEIN	17,920	1 10	40 0	10 0	1 0	1 0	472	1,500
130. MERINGUR	282	3 6	70 0	10 0	1 8	1 0	28	69
131. NYAH	1,691	1 10	40 0	10 0	1 0	1 0	72	190
132. NYAH WEST	6,386	1 10	40 0	10 0	1 0	1 0	180	450
133. PIANGIL	1,147	2 6	50 0	10 0	1 0	1 0	87	130
134. RED CLIFFS	28,735	1 4	30 0	10 0	1 0	1 0	591	2,010
135. ROBINVALE	4,658	3 6	70 0	10 0	1 4	1 0	117	250
136. WERRIMULL	989	3 6	70 0	10 0	1 8	1 0	61	121
Totals	65,024	..	..	..	..	..	1,773	5,160
Miscellaneous.								
137. BACCHUS MARSH	25,612	1 4	30 0	10 0	1 0	1 0	712	2,015
138. COROP	140	2 0	40 0	10 0	1 0	1 0	21	65
139. DINGEE	346	3 6	70 0	10 0	1 0	1 0	23	55
140. HEYFIELD	5,080	3 0	60 0	10 0	1 0	1 0	161	1,150
141. LOCKINGTON	2,449	2 0	40 0	10 0	1 0	1 0	100	244
142. MACORNA	394	3 6	135 0	10 0	1 4	1 0	36	54
143. MARONG	965	3 6	70 0	10 0	1 0	1 0	48	200
144. MITIAMO	799	3 6	70 0	10 0	1 0	1 0	53	125
145. NEWSTEAD	4,280	3 6	70 0	10 0	1 0	1 0	176	400
Carried forward	40,065	..	..	..	..	..	1,330	4,308

VALUATIONS, RATES, AND FLOOD PROTECTION CHARGES—*continued.*

Districts Supplied with Water for Domestic and Ordinary Use from Pipe Reticulations.	Annual Value of Lands and Tenements.	Rate in the £1 made during Year ended 30th June, 1951.	Minimum Amount of Rate for Lands on which there is a Building.	Minimum Amount of Rate for Lands on which there is no Building.	Water Charge per 1,000 Gallons.	Number of Assessments.	Estimated Number of Persons Dwelling in District.
URBAN DISTRICTS AND DIVISIONS—*continued.*							
Miscellaneous—continued.	Municipal Valuation.				Rate Allowance.	Excess.	
	£	*s. d.*	*s. d.*	*s. d.*	*s. d.*	*s. d.*	
Brought forward	40,065					1,330	4,308
146. PYRAMID HILL	4,445	2 0	40 0	10 0	1 0	1 0	166	524
147. STANHOPE	2,191	1 6	30 0	10 0	1 0	1 0	90	385
148. TALLYGAROOPNA	732	3 6	100 0	10 0	1 0	1 0	37	98
149. WONTHAGGI	48,700	1 6	30 0	10 0	1 0	1 0	1,787	5,450
Totals	96,133	..	..	..	..	..	3,410	10,765
COLIBAN SYSTEM.							
	Municipal Valuation.				Rate Allowance.	Excess.	
	£	*s. d.*	*s. d.*	*s. d.*	*s. d.*	*s. d.*	
150. COLIBAN	515,360	1 6	20 0	10 0	1 0	1 0	15,215	62,350
Includes Bendigo, Castlemaine, Eaglehawk, Maldon, Barker's Creek, Campbell's Creek, Chewton, Elphinstone, Epsom, Ascot, Fryerstown, Guildford, Harcourt, Huntly, Kangaroo Flat, Myer's Flat, Raywood, Sebastian, Spring Gully, Taradale, and Yapeen. See under Waterworks Districts for Axe Creek and Harcourt rural supplies and under Urban Districts for Marong.								
Totals (Urban)	1,827,070	..	..	..	..	..	53,385	158,268

District.	Unimproved Capital Value.	Rate in the £1 made during Year ended 30th June, 1951.				Number of Assessments.	Estimated Number of Persons Dwelling in District.
DRAINAGE DISTRICT.		Divisions.					
		1st.	2nd.	3rd.	4th.		
	£	*s. d.*	*s. d.*	*s. d.*	*s. d.*		
151. CARRUM	770,397	0 4	0 3	0 2	0 1	4,980	5,100
		(with a minimum amount of rate of 2s. per tenement)					

District.	Annual Value of Lands and Tenements.	Rate in the £1 made during Year ended 30th June, 1951.				Number of Assessments.	Estimated Number of Persons Dwelling in District.
FLOOD PROTECTION DISTRICTS.							
	Valuation by Commission.	Divisions.					
		1st.	2nd.	3rd.	4th.		
	£	*s. d.*	*s. d.*	*s. d.*	*s. d.*		
152. LOWER KOO-WEE-RUP	70,039	3 0	2 3	1 6	0 9	1,077	3,000
	Area in Acres.	Charge per Acre made during Year ended 30th June, 1951.					
		s. d.	*s. d.*	*s. d.*	*s. d.*		
153. CARDINIA	26,674	4 9	3 6¾	2 4½	1 2¼	287	800
154. KANYAPELLA	12,650	0 3	..	0 1½	..	43	68
155. LOCH GARRY	41,687	0 2	..	..	..	112	187
Totals (Flood Protection) ..	81,011	..	..	..	..	1,519	4,055

MISCELLANEOUS WATER CHARGES.

For Irrigation Supplies from the Commission's channels to lands outside constituted Irrigation and Water Supply Districts, the charge for water is 50 per cent. above the compulsory charge ruling in the nearest Irrigation and Water Supply District, excepting supplies to such lands as are within constituted Waterworks Districts and subject to the general Domestic and Stock rate, for which the charge is the equivalent of the irrigation charge ruling in the nearest Irrigation and Water Supply District.

For Irrigation Supplies to lands in the Western Wimmera and Wimmera United Waterworks Districts the charge for water is 15s. per acre foot with minimum annual payments for each and every holding. The minimum annual payment for any one holding in the Western Wimmera Waterworks District is either, £2 10s. 0d. per annum where the area irrigated is not greater than $3\frac{1}{3}$ acres or, 15s. per acre per annum where the area irrigated exceeds $3\frac{1}{3}$ acres. In the Wimmera United Waterworks District the minimum annual payment for any one holding is 15s. per acre per annum for the area irrigated.

For Domestic and Stock Supplies from the Commission's pipe lines to properties outside proclaimed Urban Districts the charges are in accordance with the Commission's By-law No. 4138 or by special agreement, and are as follow :—

Name of Waterworks District.	Amount of Charge per 1,000 Gallons for Water Supplied.	Minimum Charge. per Annum.
	s. d.	*s. d.*
Bellarine Peninsula	1 0	50 0
Mornington Peninsula	1 0	50 0
Otway	1 0	50 0

FINANCE.

(W. Lambert, B.Com., D.P.A., A.F.I.A., Chief Finance Officer.)

REVENUE.

The respective amounts paid to Consolidated Revenue during the past three years were :—

Year.	Water Rates and Charges, Diversion and Grazing Fees, &c.	Recoup on Account of Payments from Revenue.	Interest on (*a*) Lands Sold, (*b*) Plant and Machinery Account.	Total.
	£	£	£	£
1948–49.. ..	902,156	284,157	(*a*) 387 (*b*) 14,756	1,201,456
1949–50.. ..	1,038,695	394,866	(*a*) 7 (*b*) 25,367	1,458,935
1950–51.. ..	1,064,120	527,963	(*b*) 41,241	1,633,324
Grand Totals ..	3,004,971	1,206,986	(*a*) 394 (*b*) 81,364	4,293,715

The assessment for the year 1950–51 for rates and charges was £786,800 ; additional amounts collectable for sales of water, interest on arrears, &c., but excluding recoups (£527,963) were £283,156. The actual sum collected by way of rates and charges including arrears was £1,064,120, and represents an equivalent of 99·5 per cent. of the new money collectable (£1,069,956).

An amount of £28,895 was written off the books of the Commission for the financial year 1950–51, as compared with £24,168 for the previous year. The total amount written off for the fifteen years ended 30th June, 1951, under the various headings as shown hereunder, was £673,696.

	£
Farmers' Debts Adjustment Act 1935 (No. 4326)	87,078
Adjustment of arrears of rates and charges and irrecoverable amounts—Act No. 4513 ..	171,044
Remission of Interest accrued on arrears to 30th June, 1940—Act No. 4740	81,517
Reduction in rating classifications (Waterworks Districts) and of water right—Act No. 5017	8,480
Unoccupied or vacated Crown lands	204,138
Reduction in rating classifications other than applicable to Act No. 5017	12,971
Concessions granted to water-users	45,576
North-West Mallee Settlement Areas Act 1948, No. 5321	15,015
Miscellaneous, including remission of interest accrued on Consolidated Arrears (Act No. 4740) subsequent to 30th June, 1940	47,877
	673,696

Subject to the provisions of the Water Act No. 4740, arrears of rates and charges totalling £437,635, as at 30th June, 1940, were consolidated, and are payable by instalments over periods up to twenty years from and inclusive of 1st January, 1941. The balance of instalments remaining as at 30th June, 1951, was £53,456. These consolidated arrears are not subject to interest conditionally upon the instalment being paid on the due date each year ; however, interest accrued to 30th June, 1951, through default in payment of instalments, amounted to £3,727.

The arrears of rates and charges were reduced from £227,292 as at 1st July, 1950, to £205,060 as at 30th June, 1951—this figure includes the balance £53,456 plus accrued interest, of arrears consolidated under Act No. 4740, mentioned in the preceding paragraph.

EXPENDITURE.

The expenditure for the year on maintenance, water distribution, and management, and the comparative figures for 1949–50 are set out hereunder :—

	1950–51.	1949–50.
	£	£
From Annual Vote Appropriation	*1,784,266	1,494,531
From Annual Vote Appropriation (Exceptional)	†22,716	22,656
From Surplus Revenue, Act No. 4968	733	2,471
	1,807,715	1,519,658

* Includes £230,733 for recoup works, and also £203,217 for administration (including salaries, pay-roll tax, &c.) in respect of expenditure from other funds, charged to vote and recouped to Consolidated Revenue.

† Includes £8,141 assistance to Sewerage Authorities where works are suspended; £13,989 subsidies to Sewerage Authorities in cases where the interest paid on Capital Liability is in excess of 3 per cent.; subsidies to local water authorities to offset losses in reduction of rates (£586).

Total expenditure on works carried out or supervised by the Commission for the year 1950–51 was as set out hereunder :—

	£	£
Vote Funds	1,806,982	
Special Appropriation	6,193	
Surplus Revenue, Act No. 4968	733	
		1,813,908
Ordinary Loan Funds—		
Commission Works	6,266,602	
Waterworks Trusts and Local Governing Bodies	856,155	
River Improvement Trusts	2,145	
		7,124,902
Water Supply Works Depreciation Fund		64,755
Total Expenditure on construction, operation, maintenance and administration of Commission's Works and Water Supply Works supervised by Commission, including subsidies to Sewerage Authorities, &c.		9,003,565
Expenditure on Capital construction works was provided from :—		
Water Supply Loans Application Act No. 5418		1,065,544
Water Supply Loans Application Act No. 5485		6,059,358
		7,124,902
In addition the Capital Loan Liability of the State for works of country Water Supply was increased as a result of loan conversion operations during the year, by an amount of		9,954
The total increase in Loan Liability for the year was therefore		7,134,856

The contribution by the Government of Victoria to the River Murray Commission for the maintenance of works under the River Murray Agreement was £25,750 (included in the expenditure from Annual Vote Appropriation as shown above). The actual expenditure by this Commission on the maintenance of these works was £13,939, and on construction of new works £19,545.

CAPITAL LIABILITY.

The Capital Loan Liability of the State for Works of Country Water Supply at 30th June, 1951, was £46,128,602, of which amount £40,493,290 is charged to the "Capital Expenditure borne by the State Account." Of the remainder £2,916,132 is charged to Waterworks Trusts and Local Governing Bodies, £2,145 to River Improvement Trusts, £1,567,193 is debited to the Plant and Machinery Account, and the balance £1,149,842, represents the Capital Liability, after adjustment, debited to Districts and Divisions directly under the control of the Commission and to Plant workshops. These figures are exclusive of an equity of £4,412,084 in the National Debt Sinking Fund.

In accordance with the provisions of the *Water Act* 1943 No. 4983, section 5, interest debited direct to water-users on the cost of capital works incurred after the 30th June, 1943, is charged at the rate of 3 per cent. per annum. Interest on the Capital Liability for works of Country Supply, incurred prior to that date, is reckoned at the average rate of interest per centum (as determined by the Treasury) payable by the State of Victoria on securities in respect of Water Supply Loan Liabilities as at the thirtieth day of June in the preceding financial year. The average rates per centum of interest so determined are respectively for 1949–50, £3 6s. 2d. and for 1950–51, £3 5s. 7d.

The amounts debited to Country Water Supply Works and the State Development Account on account of interest, exchange on overseas interest and Loan Conversion expenses were :—

	£	s.	d.
Interest	1,438,728	15	9
Exchange on overseas interest	110,405	8	3
Loan Conversion expenses	5,565	18	3
	1,554,700	2	3

The amount paid by the Treasury in respect of exchange on overseas interest and loan conversion expenses has not been debited direct to water-users.

The following statement shows the approximate interest payment for 1950–51 in relation to the Capital Liability.

Capital Debited to—	Capital Liability as at 30th June, 1950.	Interest Liability (excluding Exchange and Loan Conversion Expenses).	Interest Paid by Water Users.
	£	£	£
Districts and Divisions under the direct control of the Commission	1,149,842	37,950	16,447
Waterworks Trusts, Local Governing Bodies and River Improvement Trusts	2,918,277	94,915	94,455
Plant and Machinery Account	1,567,193	41,241	41,241
Capital Expenditure borne by the State Development Account	40,493,290	1,264,623	..
	46,128,602	1,438,729	152,143

ONCOST.

In order to meet the cost of Administration (as distinct from local supervision), Pay-Roll Tax, Workers' Compensation, and other overhead expenses, an oncost charge of $8\frac{1}{3}$ per cent. is levied on the prime cost of works carried out from all funds other than Vote and is designed to cover in approximation the following items :—

	%	%
Administration and Supervision—		
Head Office Administration	$3\frac{1}{4}$	
Head Office Divisional Officers and Staff	$1\frac{3}{4}$	
	—	5
Pay-Roll Tax		$1\frac{1}{3}$
Workers' Compensation Insurance		1
General Expenditure—		
Printing, Stationery, Postages, Telephones, &c. ..		1
		$8\frac{1}{3}$

DEPRECIATION.

The amount at credit of the Water Supply Works Depreciation Account in the Commission's books at 1st July, 1950, was £551,010 0s. 4d. An amount of £70,588 6s. 3d. was raised during the financial year 1950–51 for purposes of depreciation. In addition, a special contribution of £26,837 was appropriated to the Account from revenue of previous years.

A further sum of £450 18s. 7d. was paid direct to the credit of the Fund, being amounts contributed by land holders and other bodies as capitalized maintenance of water supply works constructed for their respective benefits.

After crediting the Account with interest amounting to £13,735 18s. and deducting the expenditure (£64,754 11s. 11d.) from Depreciation for the year, the balance remaining in the Account as at 30th June, 1951, was £597.867 11s. 3d.

The Water Act No. 4513 provides that sums raised in respect of depreciation shall be paid into the consolidated revenue or, if the Treasurer so directs, shall to the extent that the Treasurer directs, be placed to the credit of the Water Supply Works Depreciation Fund. The Act provides further that all such moneys paid into the Consolidated Revenue shall be credited to the Water Supply Works Depreciation Account in the books of the Commission and credited with interest each year as if such sums had been placed to the credit of the Fund.

No transfer from the Commission's revenue to the Water Supply Works Depreciation Fund in the Treasury has been made since the year 1947–48. The difference between the credit to the Depreciation Fund and the amounts credited to the Depreciation Account in the Commission's books now totals £315,028 (representing depreciation £288,745 and interest not yet credited £26,283). It is desirable that transfers to the Fund be made annually to avoid fluctuations in the Commission's net revenue.

Details of the Water Supply Works Depreciation Account are set out on pages 98, 99, 100 of this Report.

PLANT AND MACHINERY ACCOUNT AND STORES SUSPENSE ACCOUNT.

The capital liability for large size moveable Plant and Machinery, held in the Plant and Machinery Account as at 30th June, 1951, was £1,567,192 18s. 2d. (This amount is exclusive of Plant in use on Major Construction Works.)

Items of plant and machinery controlled in the Plant and Machinery Account are hired to the respective works on which they are engaged at rates sufficient to provide interest and redemption on the capital cost of the plant, a reserve fund for major overhauls and depreciation adequate to renew the plant when it has reached the end of its useful life. The operating account is in credit to the extent of £33,132 13s. 5d.

The portion of the hire charge representing depreciation is paid direct to the credit of the Water Supply Plant and Machinery Depreciation Fund, which is kept in the Treasury. The amount at credit of this Fund, which is interest-bearing, was £378,911 9s. 11d., as at 30th June, 1951.

The amount at debit of the Water Supply Stores Suspense Account as at 30th June, 1951, was £783,780 9s.—whereas the book value of stores and equipment controlled within the Account was £816,913 2s. 5d. The difference, £33,132 13s. 5d., represents the amount at credit of the operating account (also controlled within the Stores Suspense Account), in respect to major items of plant recorded in Plant and Machinery Account.

The net debit for plant and material held by the Commission as at 30th June, 1951, is £3,418,082 2s. 6d., and is controlled within funds provided from the following sources :—

	£ s. d.	£ s. d.
Water Supply Stores Suspense Account (Act No. 5253)		783,780 9 0
Water Supply Loans Application Acts—		
Rocklands Reservoir (Suspense Account)	298,967 0 0	
Glenelg River Works (Suspense Account)	21,575 2 6	
Big Eildon Dam (Suspense Account)	152,598 8 0	
Cairn Curran Reservoir (Suspense Account)	149,680 13 4	
Central Gippsland Irrigation Project (Suspense Account) ..	184,543 13 10	
Robinvale Irrigation District (Suspense Account) ..	61,261 0 0	
Murray Valley Irrigation District (Suspense Account) ..	90,247 8 7	
Goulburn–Waranga Channel Duplication (Suspense Account)	27,517 10 9	
Tarago Tunnel Project (Suspense Account)	80,717 18 4	
		1,067,108 15 4
Plant and Machinery Account (Act No. 4761)		1,567,192 18 2
		3,418,082 2 6

REVENUE EXPENDITURE CHARGEABLE TO THE STATE ACCOUNT.

The Commission, by direction of the Governor in Council, has throughout 1950–51 continued the operation of 4 Irrigation Districts, 20 Waterworks Districts, 47 Urban Districts, and 6 Urban Divisions in respect of which Districts and Divisions, the works would not produce sufficient revenue to cover the expenses of maintenance and management. Section 6 of the *Water Act* 1937 (No. 4513) provides that the annual amount of the loss resulting from the maintenance and management of such works shall be transferred in the books of the Commission to the "Revenue Expenditure chargeable to the State Account". The amount so transferred for 1950–51 was £206,611, making a total of £2,117,562 borne by the State since 1st July, 1938.

In 20 of these districts an aggregate cash surplus of revenue over expenditure of £6,544 was obtained. This amount was applied to Interest (£52), Redemption (£2), and Depreciation (£2,606), leaving a sum of £3,884 available to the credit of the respective districts.

The above figures are exclusive of interest due on Capital Liability incurred in respect of works under construction, which has accrued due before the first rate or charge has been made. Such interest charges are, in accordance with the provisions of the Water Act No. 4513, charged to the "Revenue Expenditure chargeable to the State Account".

FINANCIAL STATEMENTS.

Financial statements in respect of the various Districts and Divisions controlled and supervised by the Commission are set out in the following pages.

FINANCIAL OPERATIONS, 1950–51.

A complete analysis of the Commission's financial operations during the year would involve the division of the Commission's activities into those which might be regarded as "Paying" districts or business undertakings, as "Non-paying" districts or subsidized utilities, and as "National Services" respectively.

Pursuant to the Water Acts 1937 (No. 4513) and 1944 (No. 5017) the Capital Liability of Country Water Supply Works has been adjusted by debiting to water users such amounts of Capital Liability in respect of which interest and redemption could be paid on the basis of existing rates and charges, after providing for operating costs, management, and depreciation. The balance of the Capital Liability has been transferred to the "Capital Expenditure borne by the State Account".

"PAYING" DISTRICTS.

As the water rates and charges in respect of those Districts and Divisions, the Capital Liability of which has been adjusted, are expected to meet the costs of management and operation in addition to depreciation and interest and redemption on the Capital as adjusted, such districts might be regarded as being within the category of a business undertaking.

The aggregate financial transactions for the year 1950–51, however, in respect of the districts listed hereunder, resulted in an excess of expenditure over revenue to the extent of £161,206. This is due mainly to increased operating costs.

Irrigation and Water Supply Districts (24).

Bacchus Marsh	Dingee	Mystic Park	South Shepparton
Boort	Katandra	North Shepparton	Swan Hill
Calivil	Kerang	Robinvale	Third Lake
Campaspe	Koondrook	Rochester	Tongala-Stanhope
Cohuna	Maffra-Sale	Rodney	Tragowel Plains
Deakin	Murray Valley	Shepparton	Werribee

Waterworks Districts (14).

Bellarine Peninsula	Mornington Peninsula	Ouyen	West Loddon
East Loddon	Newstead	Werribee	Wimmera United
Harcourt	Normanville	Western Wimmera	Wychitella
Loddon	Otway		

Urban Divisions and Districts (39).

Bacchus Marsh	Berriwillock	Dimboola	Pimpinio
Cohuna	Berwick	Dromana–Portsea	Pyramid Hill
Lockington	Birregurra	Jeparit	Queenscliff and Point Lonsdale
Macorna	Brim	Longwarry	Rainbow
Red Cliffs	Camperdown	Marnoo	Rupanyup
Robinvale	Chelsea–Frankston	Merbein	Somerville
Tallygaroopna	Cobden	Minyip	South Frankston
Allansford	Cranbourne	Mornington	Terang
Antwerp	Culgoa	Natimuk	Watchem
Barwon Heads and Ocean Grove	Dandenong–Springvale	Pakenham	

Drainage District (1).

Carrum

"Non-paying" Districts.

(To which supplies of water are continued by direction of the Governor in Council.)

Where the revenue from existing rates and charges is insufficient to meet operating costs, the works in such centres may be maintained and the supply of water continued by direction of Parliament or the Governor in Council, in which case the loss resulting from their maintenance and management is transferred to the "Revenue Expenditure chargeable to the State Account". The supply to these centres might be regarded as a "utility service" as against a "business undertaking".

Districts which were maintained and operated by direction of the Governor in Council are listed hereunder:—

Irrigation and Water Supply Districts (4).

Fish Point	*Nyah	Red Cliffs-Merbein	Tresco

Waterworks Districts (20).

*Axe Creek	Karkarooc	Sea Lake	*Upper Wimmera
Birchip	Kerang North-west	Tyntynder	United
Carwarp	Lakes	Tyrrell	*Walpeup West
Carwarp Central	Long Lake	Tyrrell West	*Wycheproof
Coreena	Millewa	Upper Western	Yelta
Hindmarsh	Millewa Central	Wimmera	

Urban Divisions and Districts (53).

Corop	Coliban	Marong	Sea Lake
*Dingee	*Crib Point	Meringur	Speed
*Heyfield	*Dooen	Mitiamo	Tempy
Leitchville	Drysdale	Nandaly	*Torquay
Murrabit	*Garfield	Newstead	Ultima
Stanhope	*Hastings	*Nullawil	Waitchie
*Anglesea	Hopetoun	Nyah	Walpeup
Beulah	Jung Jung	Nyah West	Werrimull
Birchip	*Koondrook	Ouyen	*Wonthaggi
Bittern	Lake Boga	Patchewollock	Woomelang
*Bunyip	Lalbert	Piangil	*Woorinen
Carwarp	Lascelles	*Portarlington	*Wycheproof
Chillingollah	Manangatang	Quambatook	Yaapeet
Chinkapook			

In districts marked "*" the operations for 1950–51 resulted in an aggregate cash surplus of £6,544. Of this amount, a sum of £2,660 has been applied to depreciation account redemption and interest.

	£
The amount debited to "The Revenue Expenditure chargeable to the the State Account" in respect of Districts maintained during 1950–51 by direction of the Governor in Council, in which the Revenue was insufficient to meet operating costs, was	206,611

National Services.

Included in the heading of "National Services" are such items as river gaugings and inspections; contributions to the River Murray Commission for the maintenance of River Murray works; supervision and administration in respect to waterworks trusts, sewerage authorities, river improvement trusts, and of works constructed from other funds, &c. In addition, the salaries (provided for under special appropriation) paid to the Commissioners of the State Rivers and Water Supply Commission, are debited to the annual cost of operating country water supply works.

	£
The Total Cost of Services of a National Character administered by the Commission during 1950–51, and paid from the Commission's Vote Appropriation, was	577,293
This amount may be offset by miscellaneous revenue collected in respect to diversion permits, rents, recoup payments, &c.	582,016
	Cr. 4,723

No direct contribution is made to the Commission's revenue to offset the "utility service" and "national services" which the Commission is directed to administer but which are not completely covered by rates or charges.

Net Cost to State.

It is indicated in the Auditor-General's Report for 1950–51 that the net cost to the State for the year in connexion with country water supply which has been met from general revenue was £1,641,456. This figure includes the cost of the service referred to earlier. The equivalent figure stated annually is often incorrectly quoted as a "loss" in respect of country water supply, whereas the only amount which, on the existing basis of rates and charges, might be correctly regarded as a cash "loss" is the amount of £363,933, being the net deficiency (£202,727) on Districts in which the revenue was insufficient to meet expenses, the operations of which, as already intimated, were continued by direction of the Governor in Council plus a loss of £161,206 on other Commission Districts.

A summary of the total cost (£1,641,456) to the State for the year is set out hereunder—a more detailed analysis is set out on page 64 of this Report.

	£	£
Net loss on Commission Districts	161,206	
Net loss on "Order in Council" Districts	202,727	
		363,933
Cost of "National Services"	577,293	
Less Miscellaneous Revenue Collected	582,016	
		Cr. 4,723
		359,210
Interest, Exchange, and Loan Conversion Expenses on Headworks and Capital borne by the State	1,381,054	
Less Interest on Land sold, &c.	..	
		1,381,054
		1,740,264
Less amount paid to Revenue in respect of Depreciation (£97,425) and Redemption (£1,383)		98,808
		1,641,456

The net cost to the State (£1,641,456) was £271,123 more than the comparable figure for the previous year. The increased cost is accounted for by increases of £288,057 and £135,061 in Operating Expenses and Interest Charges respectively, whilst Irrigation Charges were £51,184 less than in the year 1949–50. Rating assessments increased by £29,492, water sales by £49,058, and receipts on account of recoupable expenditure and administration in respect of expenditure from other funds by £130,451. The balance is accounted for by miscellaneous items of increased expenditure.

Provision exists for the transfer of Capital from the "Capital Expenditure borne by the State Account" to the direct liability of water-users as the respective districts develop. However, as on the present basis of rates and charges and increasing operating costs, the revenue from water users is insufficient to meet the full cost of maintenance and management, it has not been possible to make any transfer of capital during recent years.

Major water supply projects in hand will also involve a large expenditure of capital funds but, as the cost of these works will be borne by the State, the interest charges will not be debited to water users.

It is inevitable, therefore, notwithstanding increasing development, that the cost to the State will tend to increase in future years. The amount (£1,641,456) borne by the community for the year 1950–51 is equivalent to 15s. 7d. per head of the whole population, and represents the contributions of the individual citizens towards the indirect benefits derived from the State enterprise of Country Water Supply.

FINANCIAL STATEMENTS

RESULTS OF OPERATIONS IN DISTRICTS UNDER CONTROL OF COMMISSION.

Disbursements, 1950–51.

——	Operating Expenses.	Interest on Capital Allotted.	Depreciation Paid by Districts.		Redemption Paid by Districts.	Total Disbursements.
			On Works.	On Buildings.		
	£ s. d.	£ s. d.	£ s. d.	£ s. d.	£ s. d.	£ s. d.
Central Plant Workshops—Bendigo	29,334 7 9	529 1 10	970 0 0	275 0 0	..	31,108 9 7
Coliban Works	81,860 0 3*	9,693 2 3	7,755 0 0	423 0 0	..	99,731 2 6
Irrigation Districts	658,754 19 6	..	21,218 0 0	6,616 0 0	..	686,588 19 6
Irrigation Urban Divisions ..	11,945 15 9	492 2 5	3,891 6 3	..	25 16 9	16,355 1 2
Waterworks Districts	348,411 0 5	7,841 16 0	15,014 0 0	2,228 0 0	562 3 8	374,057 0 1
Waterworks Urban Districts ..	109,903 9 9	19,393 15 10	38,302 0 0	629 0 0	795 2 4	169,023 7 11
Flood Protection Districts ..	14,646 1 1	..	..	92 0 0	..	14,738 1 1
Carrum Drainage District ..	5,299 6 1	..	..	12 0 0	..	5,311 6 1
	1,260,155 0 7	37,949 18 4	87,150 6 3	10,275 0 0	1,383 2 9	1,396,913 7 11
Expenditure not chargeable to Districts—River Murray Commission, Recoupable and other items	550,108 13 8	..	..	..	..	550,108 13 8
	1,810,263 14 3	37,949 18 4	87,150 6 3	10,275 0 0	1,383 2 9†	1,947,022 1 7

* Inclusive of Grant from Surplus Revenue, £733 11s. 6d.
† Exclusive of Redemption paid in respect of Plant and Machinery Account.

Receipts, 1950–51.

——	Total Receipts.	Less Transfer to Depreciation Fund.	Total Collections Paid to Consolidated Revenue.	Excess.	
				Receipts over Disbursements.	Disbursements over Receipts.
	£ s. d.	£ s. d.	£ s. d.	£ s. d.	£ s. d.
Central Plant Workshops—Bendigo ..	15,261 1 8	..	15,261 1 8	..	15,847 7 11
Coliban Works	71,133 15 6	..	71,133 15 6	..	28,597 7 0
Irrigation Districts	527,066 14 8	..	527,066 14 8	..	159,522 4 10
Irrigation Urban Divisions	10,494 14 7	..	10,494 14 7	..	5,860 6 7
Waterworks Districts	234,211 17 2	..	234,211 17 2	..	139,845 2 11
Waterworks Urban Districts	155,258 1 0	..	155,258 1 0	..	13,765 6 11
Flood Protection Districts	12,691 2 9	..	12,691 2 9	..	2,046 18 4
Carrum Drainage District	6,129 11 0	..	6,129 11 0	818 4 11	..
	1,032,246 18 4	..	1,032,246 18 4	818 4 11	365,484 14 6
Recoups of amount paid from Revenue ..	511,649 18 9	..	511,649 18 9	..	38,458 14 11
Diversions and Miscellaneous	48,435 17 10	..	48,435 17 10	48,435 17 10	..
	1,592,332 14 11	..	1,592,332 14 11	49,254 2 9	403,943 9 5

SUMMARY OF OPERATIONS FOR YEAR 1950-51.

Receipts.	£ s. d.	*Expenditure.*	£ s. d.	(Result.) £ s. d.
COMMISSION DISTRICTS.				
Rates and Charges	1,032,246 18 4	Vote Funds	1,259,421 9 1	
less Depreciation Transfer		Surplus Revenue	733 11 6	
	1,032,246 18 4		1,260,155 0 7	
Surplus Revenue	733 11 6	Interest charged on Capital borne by Districts	37,949 18 4	
Deficiency	265,124 9 1			*Dr.* 265,124 9 1
	1,298,104 18 11		1,298,104 18 11	
OTHER WORKS AND SERVICES. *Diversions, Grazing Rentals, &c.*				
Permits and Licence Fees and Charges. Grazing Rentals, &c.	48,435 17 10	Surplus	48,435 17 10	*Cr.* 48,435 17 10
	48,435 17 10		48,435 17 10	
Construction, Administration and Works for Other Authorities, and Water Users.				
On-cost received	281,939 1 0	Administration	203,216 17 11	
Recoups of Expenditure	229,460 17 9	Expenditure Recoupable ..	230,733 5 6	
		Surplus	77,449 15 4	*Cr.* 77,449 15 4
	511,399 18 9		511,399 18 9	
River Murray, Sewerage, and Miscellaneous National Services.				
Recoup of Expenditure	250 0 0	Commissioners' Salaries ..	6,193 2 1	
Grants to Sewerage Authorities	22,130 0 0	River Murray, Sewerage, and Trusts	48,465 17 0	
		Miscellaneous National Services	65,144 7 11	
		Pensions and Gratuities ..	23,739 15 6	
Deficiency	121,163 2 6			*Dr.* 121,163 2 6
	143,543 2 6		143,543 2 6	
Net Cost to the State for Services of a National Character			.. ..	*Dr.* 260,401 18 5
Capital Charges.				
Interest Paid by Trusts	94,455 0 3	Interest, Exchange, and Loan Conversion Expenses ..	1,554,700 2 3	
„ from Plant Hire, &c.	41,241 4 11			
„ charged to Commission Districts ..	37,949 18 4			
Deficiency	1,381,053 18 9			*Dr.*1,381,053 18 9
	1,554,700 2 3		1,554,700 2 3	
Total Expenditure Borne by the State			.. ..	1,641,455 17 2

ANALYSIS OF EXPENDITURE BORNE BY THE STATE, 1950-51.

	£ s. d.	£ s. d.
Services of a National Character—		
River Murray Commission's Contributions by State of Victoria in accordance with the provisions of the River Murray Waters Acts		25,750 0 0
Assistance to Sewerage Authorities—		
Where suspension of Works is being continued	8,141 0 0	
In cases where the Interest paid on Capital Liability is in excess of the rate 3 per cent.	13,989 0 0	
		22,130 0 0
Subsidies to Waterworks Trusts and Local Governing Bodies to enable a reduction of 33⅓ per cent. to be made in Water Rates		585 17 0
Payment to First Mildura Irrigation Trust consistent with reduction in Rates in Pumping Districts in Irrigation Areas controlled by the Commission		7,143 0 0
Miscellaneous Services—		
Administration Waterworks Trusts and Sewerage Authorities, &c.	6,950 8 10	
Administration Farm Water Supplies (Act No. 5020)	2,480 16 10	
Irrigation Branch	3,896 16 0	
Travelling, Minister and Commissioners	1,952 0 4	
Minister's staff, salaries and Pay-Roll Tax, Commissioners' Cost of Living Allowances and Pay-Roll Tax	2,208 12 3	
Free Water for Research, Free Places Melbourne University, Library, Publicity, &c.	14,287 8 8	
Rivers and Reclamation Division, River Gaugings, Diversions, Land Leasing, Surveys and Reports, Underground Water and Mining Investigations, Hydraulic Research	20,032 2 11	
		51,808 5 10
Administration in respect to Expenditure from other Funds and Works carried out for other Authorities (including Salaries, Pay-Roll Tax, &c.)		203,216 17 11
Works carried out for Other Authorities and Water Users, and Salaries charged to construction Projects, Recoupable		236,926 7 7
TOTAL (from Vote Funds)		547,560 8 4
Commissioner's Salaries (Special appropriation)		6,193 2 1
TOTAL Expenditure on Services of a National Character		553,753 10 5
Amount debited by Treasury for Pensions and Gratuities		23,739 15 6
		577,493 5 11
Less Revenue received from Headworks, Diversion Permits, &c., £48,435 17s. 10d.; On-cost of Expenditure from Other Funds, £281,939 1s.; Recoups, £229,460 17s. 9d.	559,835 16 7	
,, Special Recoup, Commissioner's Salaries	250 0 0	
,, Grants by State, Assistance to Sewerage Authorities	22,130 0 0	
		582,215 16 7
Net cost to the State for Services of a National Character		*Cr.* 4,722 10 8
Interest on Capital Expenditure on Headworks and other Capital Expenditure borne by the State	1,264,623 4 11	
Exchange on Overseas Interest Payments	110,405 8 3	
Loan Conversion Expenses	5,565 18 3	
Arrears of Interest owing by Waterworks Trusts and Other Corporations, 1950-51	459 7 4	
		1,381,053 18 9
Commission Districts—		
Districts, the Capital Liability of which have been adjusted under Acts Nos. 4513 and 5017—	£ s. d.	
Excess Expenditure over Revenue, after allowing for Depreciation, £57,648 6s. 3d., and Redemption, £1,380 13s.	133,539 14 11	
Current Interest—		
Paid	16,395 1 8	
Forward Unpaid	11,270 17 8	
	27,665 19 4	
	161,205 14 3	
Districts supplied by direction of Governor in Council, but which show excess Revenue over Operating Costs after allowing for Depreciation, £2,606 0s. 8d., and Redemption, £2 9s. 9d.—		
Surplus	3,935 15 11	
Less Current Interest Paid	51 13 6	
	Cr. 3,884 2 5	
	Dr. 157,321 11 10	
Excess Expenditure in Districts supplied by direction of Governor in Council and showing excess Expenditure over Revenue inclusive of Interest, £10,232 5s. 6d., and Depreciation, £37,170 19s. 4d.	206,611 6 3	
	363,932 18 1	
Add amounts transferred to Water Supply Works Depreciation Fund in Treasury on Account of moneys paid to Revenue and interest credited to Depreciation Account		
	363,932 18 1	
Deduct amounts paid to Revenue in respect of Depreciation on Works and Buildings, £97,425 6s. 3d., and Redemption, £1,383 2s. 9d.	98,808 9 0	
		265,124 9 1
Net Expenditure borne by the State		1,641,455 17 2

SUMMARY OF CAPITAL EXPENDITURE, LOAN LIABILITY, INTEREST and EXCHANGE.

CAPITAL EXPENDITURE 1950-51.

	£ s. d.	£ s. d.	£ s. d.
Expenditure during the year on Capital Works of Water Supply—			
Ordinary Loan Funds (Details, pages 102, 103, 104)			7,124,902 5 7

LOAN CAPITAL LIABILITY.

Net Loan Liability of State for Works of Country Water Supply at 30th June, 1951			42,379,192 11 4
Represented by—			
Works at Debit of Authorities—			
Commission Districts	1,131,844 5 6		
Water Supply Plant and Machinery Account	1,567,192 18 2		
Plant Workshops	17,998 2 7		
Waterworks Trusts and Local Governing Bodies	2,916,131 16 6		
River Improvement Trusts	2,145 0 0		
		5,635,312 2 9	
Capital Expenditure Borne by the State—			
Headworks not apportionable to Districts	1,241,752 4 6		
Capital Works and Charges not apportionable to Districts	3,468,214 15 2		
Headworks and Distributary Works	33,107,230 9 11		
Waterworks Trusts and Local Governing Bodies	2,533,736 2 0		
Free Grants to Local Authorities in early years	142,356 4 11		
		40,493,289 16 6	
Net Loan Capital Liability of Commission's Districts, Divisions, and Works under Control of the Commission		46,128,601 19 3	
Less Amount from National Debt Sinking Fund, being the difference between redemption recoup contributions paid by Districts, Waterworks Trusts, &c. (£555,698 9s. 6d.) and the amount (£4,412,083 15s. 6d.) contributed from Consolidated Revenue to the National Debt Sinking Fund (page 113)		3,856,385 6 0	
		42,272,216 13 3	
Add Cash on Hand at Treasury		106,975 18 1	
Net Liability Country Water Supply Capital Account in Treasnry			42,379,192 11 4

INTEREST AND EXCHANGE.

The Total Interest on the Loan Liability for 1950-51 is			1,438,728 15 9
To which is to be added—			
Exchange payable on Overseas Interest			110,405 8 3
Loan Conversion Expenses			5,565 18 3
			1,554,700 2 3
Interest Debitable to—			
Works at Debit of Authorities—			
Commission Districts	37,949 18 4		
Trusts	94,914 7 7		
Water Supply Plant and Machinery Account	41,241 4 11		
			174,105 10 10
Capital Expenditure Borne by the State—			
Headworks not apportionable to Districts	38,780 9 8		
Capital Works and Charges not apportionable to Districts	108,313 18 0		
Headworks and Distributary Works not debited to Districts	1,033,953 5 8		
Waterworks Trusts and Local Governing Bodies	79,129 14 3		
Free Grants to Local Authorities in early years	4,445 17 4		
			1,264,623 4 11
			1,438,728 15 9
Exchange, £110,405 8s. 3d. and Loan Conversion Expenses, £5,565 18s. 3d. not apportioned			115,971 6 6
			1,554,700 2 3

RECEIPTS AND DISBURSEMENTS.

STATEMENT of Moneys Received and Disbursed during the Year Ended 30th June, 1951.

Works.	Receipts.			Disbursements (Exclusive of Interest, Redemption and Depreciation Charges).		
	Total.	Paid to Depreciation Fund.	Paid to Consolidated Revenue.	From Annual Vote and (*a*) Special Appropriation.	From Surplus Revenue Act No. 4968.	Total.
Commission's Districts—	£ s. d.	£ s. d.	£ s. d.	£ s. d.	£ s. d.	£ s. d.
Central Plant Workshops, Bendigo	15,261 1 8	..	15,261 1 8	29,334 7 9	..	29,334 7 9
Coliban Works	71,133 15 6	..	71,133 15 6	81,126 8 9	733 11 6	81,860 0 3
Irrigation Districts ..	527,066 14 8	..	527,066 14 8	658,754 19 6	..	658,754 19 6
Irrigation Urban Divisions..	10,494 14 7	..	10,494 14 7	11,945 15 9	..	11,945 15 9
Waterworks Districts ..	234,211 17 2	..	234,211 17 2	348,411 0 5	..	348,411 0 5
Waterworks Urban Districts	155,258 1 0	..	155,258 1 0	109,903 9 9	..	109,903 9 9
Flood Protection Districts	12,691 2 9	..	12,691 2 9	14,646 1 1	..	14,646 1 1
Carrum Drainage District ..	6,129 11 0	..	6,129 11 0	5,299 6 1	..	5,299 6 1
	1,032,246 18 4	..	1,032,246 18 4	1,259,421 9 1	733 11 6	1,260,155 0 7
Other works and services (not directly apportionable to Districts)—						
Diversions :—						
Rivers and Streams ..	15,576 18 9	..	15,576 18 9	..	..	..
Headworks	4,685 8 10	..	4,685 8 10	..	..	..
Miscellaneous, Grazing Rentals, &c.	28,173 10 3	..	28,173 10 3	..	..	..
	48,435 17 10	..	48,435 17 10	..	..	..
River Murray Commission	..	..	..	25,750 0 0	..	25,750 0 0
Assistance to Sewerage Authorities	..	..	..	22,130 0 0	..	22,130 0 0
Assistance to Waterworks Trusts	..	..	..	585 17 0	..	585 17 0
Miscellaneous National Services	..	..	..	65,144 7 11	..	65,144 7 11
Expenditure Recoupable ..	229,460 17 9	..	229,460 17 9	230,733 5 6	..	230,733 5 6
Administration in respect of Expenditure from other funds (including Salaries, Pay Roll Tax, &c.) ..	281,939 1 0	..	281,939 1 0	203,216 17 11	..	203,216 17 11
	511,399 18 9	..	511,399 18 9	547,560 8 4	..	547,560 8 4
Total—Vote and Surplus Revenue	1,592,082 14 11	..	1,592,082 14 11	1,806,981 17 5	733 11 6	1,807,715 8 11
Commissioner's Salaries (Special Appropriation) ..	250 0 0	..	250 0 0	(*a*) 6,193 2 1	..	6,193 2 1
Grand Totals ..	1,592,332 14 11	..	1,592,332 14 11	1,813,174 19 6	733 11 6	1,813,908 11 0
Total Disbursements from Votes Surplus Revenue and special Appropriation ..				..	..	1,813,908 11 0
Net Receipts paid to Consolidated Revenue				..	1,592,332 14 11	..
Grants from Revenue—						
To Assist Sewerage Authorities				22,130 0 0	..	..
Surplus Revenue				733 11 6	..	..
					22,863 11 6	
						1,615,196 6 5
Deficiency from Commission's Operations				..	..	198,712 4 7
Amount not included in above Statement—						
Debits by Treasury for Pensions and Gratuities				..	23,739 15 6	..
Interest Paid :—By Waterworks Trusts and Local Governing Bodies, £94,455 0s. 3d. : Plant and Machinery Account, &c., £41,241 4s. 11d. ..				..	*Cr.*135,696 5 2	*Cr.*111,956 9 8
Surplus credited to State exclusive of Interest, Exchange, and Loan Conversion Expenses				..	..	86,755 14 11
Interest, Exchange, and Loan Conversion Expenses				..	..	1,554,700 2 3
Total amount borne by the State				..	..	1,641,455 17 2

CENTRAL PLANT WORKSHOPS—BENDIGO.

CASH ACCOUNT.

District.	Receipts.		Expenditure.						Excess Receipts over Expenditure 1950–51.	Excess Expenditure over Receipts 1950–51.	Accumulated—		
			Year ended 30th June, 1951.										
	Receipts Year ended 30th June, 1951.	**Total to 30th June, 1951.**	Operating. Costs.	Interest.	Redemption.	Depreciation.	Total.	**Total to 30th June, 1951.**			Surplus Credited to District Account at 30th June, 1951.	Deficiency Chargeable to District Account at 30th June, 1951.	Deficiency Chargeable to State Account at 30th June, 1951 (Inclusive of Column 11).
1.	2.	3.	4.	5.	6.	7.	8.	9.	10.	11.	12.	13.	14.
	£ s. d.	£ s. d.	£ s. d.	£ s. d.	£ s. d.	£ s. d.	£ s. d.	£ s. d.	£ s. d.	£ s. d.	£ s. d.	£ s. d.	£ s. d.
1. Workshops	14,578 18 7	28,066 6 4	29,004 7 9	529 1 10	..	970 0 0	30,503 9 7	76,785 0 9	..	15,924 11 0	..	48,718 14 5	..
2. Residences (11) ..	682 3 1	1,522 8 7	330 0 0	..	..	275 0 0	605 0 0	1,400 0 0	77 3 1	..	122 8 7	..	..
Totals ..	15,261 1 8	29,588 14 11	29,334 7 9	529 1 10	..	1,245 0 0	31,108 9 7	78,185 0 9	77 3 1	15,924 11 0	122 8 7	48,718 14 5	..

COLIBAN SYSTEM.

CASH ACCOUNT.

STATEMENTS of Moneys received and disbursed from 1st July, 1905, to 30th June, 1951; also of Interest charged at the rates of 3·3068 per cent. on Capital Debits as at 30th June, 1943, and 3 per cent. on Capital Debits subsequent to 30th June, 1943, and of Depreciation and Redemption charged for Financial Year 1950–51

District.	Receipts.		Expenditure.						Excess Receipts over Expenditure, 1950–51.	Excess Expenditure over Receipts, 1950–51.	Accumulated—		
			Year ended 30th June, 1951.										
	Receipts year ended 30th June, 1951.	**Total 1905 to 30th June, 1951.**	Operating Costs.	Interest.	Depreciation.	Redemption.	Total.	**Total 1905 to 30th June, 1951.**			Surplus Credited to District Account at 30th June, 1951.	Deficiency Chargeable to District Account at 30th June, 1951.	Deficiency Chargeable to State Account at 30th June, 1951 (inclusive of Column 11).
1.	2.	3.	4.	5.	6.	7.	8.	9.	10.	11.	12.	13.	14.
	£ s. d.	£ s. d.	£ s. d.	£ s. d.	£ s. d.	£ s. d.	£ s. d.	£ s. d.	£ s. d.	£ s. d.	£ s. d.	£ s. d.	£ s. d.
1. Harcourt	3,335 18 4	59,008 4 4	2,692 19 3	..	42 0 0	..	2,734 19 3	59,456 12 5	600 19 1	..	..	448 8 1	..
Totals ..	3,335 18 4	59,008 4 4	2,692 19 3	..	42 0 0	..	2,734 19 3	59,456 12 5	600 19 1	..	..	448 8 1	..

The Districts set out hereunder are those whose works will not produce sufficient revenue to cover the expense of the maintenance and management thereof, and where water supplies are being continued by direction of the Governor in Council. The annual amount of loss resulting from the maintenance and management of these districts has been transferred to the "Revenue Expenditure Chargeable to the State Account". (By authority of Orders in Council, dated 8th November, 1943, 18th December, 1944, and 26th February, 1946, under the provisions of Section 6, *Water Act* 1937, No. 4513.)

2. Axe Creek	525 8 0	12,850 0 5	450 13 5	..	3 0 0	..	453 13 5	14,040 9 0	71 14 7	..	..	983 8 1	207 0 6
3. Coliban	67,025 13 5	1,982,129 9 5	78,315 1 11	9,692 7 5	8,093 0 0	..	96,100 9 4	2,957,909 15 2	..	29,074 15 11	..	13,729 8 9	962,050 17 0
4. Marong	246 15 9	3,755 5 3	401 5 8	0 14 10	40 0 0	..	442 0 6	4,565 7 0	..	195 4 9	..	210 8 10	599 12 11
Totals ..	67,797 17 2	1,998,734 15 1	79,167 1 0	9,693 2 3	8,136 0 0	..	96,996 3 3	2,976,515 11 2	71 14 7	29,270 0 8	..	14,923 5 8	962,857 10 5
Grand Totals ..	71,133 15 6	2,057,742 19 5	81,860 0 3	9,693 2 3	8,178 0 0	..	99,731 2 6	3,035,972 3 7	672 13 8	29,270 0 8	..	15,371 13 9	962,857 10 5

CENTRAL PLANT WORKSHOPS, BENDIGO.

PROFIT AND LOSS ACCOUNT FOR FINANCIAL YEAR 1950-51.

—	(A) Value of Work Completed or in Progress. (B) House Rents.	Expenditure.					Profit and Loss.			
		Operating Costs.	Interest.	Depreciation.	Redemption.	Total.	Earnings in Excess of Expenditure.	Expenditure in Excess of Earnings.	Loss as at 30th June, 1951.	Gain as at 30th June, 1951.
	£ s. d.	£ s. d.	£ s. d.	£ s. d.	£ s. d.	£ s. d.	£ s. d.	£ s. d.	£ s. d.	£ s. d.
1. Workshops	(A)19,800 1 5	29,004 7 9	529 1 10	970 0 0	44 1 10	30,547 11 5	..	10,747 10 0	27,877 9 10	..
2. Residences (11)	(B) 682 3 1	330 0 0	..	275 0 0	..	605 0 0	77 3 1	..	..	122 8 7
Totals	20,482 4 6	29,334 7 9	529 1 10	1,245 0 0	44 1 10	31,152 11 5	77 3 1	10,747 10 0	27,877 9 10	122 8 7

COLIBAN SYSTEM.

PROFIT AND LOSS ACCOUNT FOR FINANCIAL YEAR 1950-51

STATEMENT of Revenue Assessment (inclusive of Rates, Water Sales, Interest, and Miscellaneous) and Expenditure, Interest, Depreciation, and Redemption charged and Amounts Written Off.

District.	Revenue Assessment.	Expenditure.						Profit and Loss.						
		Operating Costs.	Interest.	Depreciation.	Redemption.	Amounts Written Off.	Total.	Excess Assessment over Expenditure.	Excess Expenditure over Assessment.	Revenue Due for Previous Years Written Off.	Adjustments to Revenue for Years prior to 1950-51. (A) Loss. (B) Gain.	Interest and Other Losses prior to 30th June, 1938, Borne by State (Act No. 5017).	Loss since 30th June, 1938.	Gain as at 30th June, 1951.
	£ s. d.	£ s. d.	£ s. d.	£ s. d.	£ s. d.	£ s. d.	£ s. d.	£ s. d.	£ s. d.	£ s. d.	£ s. d.	£ s. d.	£ s. d.	£ s. d.
1. Harcourt	3,343 1 4	2,692 19 3	..	42 0 0	..	..	2,734 19 3	608 2 1	..	..	..	..	440 18 10	..
Total	3,343 1 4	2,692 19 3	..	42 0 0	..	..	2,734 19 3	608 2 1	..	..	..	..	440 18 10	..

The Districts set out hereunder are those whose works will not produce sufficient revenue to cover the expense of maintenance and management thereof, and where water supplies are being continued by direction of the Governor in Council. The annual amount of loss resulting from the maintenance and management of these districts has been transferred to the "Revenue Expenditure Chargeable to the State Account". (By authority of Orders in Council, dated 8th November, 1943, 18th December, 1944, and 26th February, 1946, respectively, under the provisions of Section 6, *Water Act* 1937, No. 4513.)

2. Axe Creek	523 3 10	450 13 5	..	3 0 0	..	..	453 13 5	69 10 5	..	..	..	..	1,147 15 5	..
3. Coliban	68,945 18 1	78,315 1 11	9,692 7 5	8,093 0 0	733 0 0	29 6 7	96,862 15 11	..	27,916 17 10	200 13 2	(A) 3 15 10 (B) 1 0 0	828,373 18 10	149,675 7 5	..
4. Marong	247 1 4	401 5 8	0 14 10	40 0 0	0 1 10	1 8 0	443 10 4	..	196 9 0	1 8 0	..	..	770 12 6	..
Totals	69,716 3 3	79,167 1 0	9,693 2 3	8,136 0 0	733 1 10	30 14 7	97,759 19 8	69 10 5	28,113 6 10	202 1 2	(A) 3 15 10 (B) 1 0 0	828,373 18 10	151,593 15 4	..
Grand Totals ..	73,059 4 7	81,860 0 3	9,693 2 3	8,178 0 0	733 1 10	30 14 7	100,494 18 11	677 12 6	28,113 6 10	202 1 2	(A) 3 15 10 (B) 1 0 0	828,373 18 10	152,034 14 2	..

IRRIGATION AND WATER SUPPLY DISTRICTS.

CASH ACCOUNT.

STATEMENT of Moneys received and disbursed from 1st May, 1906, to 30th June, 1951; also of Depreciation charged for Financial Year 1950-51.
(State Works of Water Supply excluded).

District.	Receipts.		Expenditure.				Excess Receipts over Expenditure, 1950-51.	Excess Expenditure over Receipts, 1950-51.	Accumulated.		
			Year ended 30th June, 1951.								
	Receipts Year ended 30th June, 1951.	Total 1906 to 30th June, 1951.	Operating Costs.	Depreciation.	Total.	Total 1906 to 30th June, 1951.			Surplus credited to District Account at 30th June, 1951.	Deficiency chargeable to District Account at 30th June, 1951.	Deficiency chargeable to State Account 1950-51. (Inclusive of column 9).
1.	2.	3.	4.	5.	6.	7.	8.	9.	10.	11.	12.
	£ s. d.	£ s. d.	£ s. d.	£ s. d.	£ s. d.	£ s. d.	£ s. d.	£ s. d.	£ s. d.	£ s. d.	£ s. d.
1. Bacchus Marsh	7,894 0 11	208,278 19 5	7,744 8 3	169 0 0	7,913 8 3	243,664 9 11	..	19 7 4	..	14,215 2 3	21,170 8 3
2. Boort	7,498 19 10	195,190 2 4	16,230 18 11	150 0 0	16,380 18 11	235,859 1 10	..	8,881 19 1	..	39,048 4 3	1,620 15 3
3. Calivil	5,261 11 4	86,313 1 4	6,090 7 11	194 0 0	6,284 7 11	93,638 18 6	..	1,022 16 7	12,609 12 0	..	19,935 9 2
4. Campaspe	761 4 0	34,554 17 4	907 11 0	20 0 0	927 11 0	36,261 4 3	..	166 7 0	1,988 19 11	..	3,695 6 10
5. Cohuna	29,461 13 6	789,743 13 10	38,604 3 6	470 0 0	39,074 3 6	795,469 9 8	..	9,612 10 0	9,419 5 0	..	15,145 0 10
6. Deakin	6,311 17 2	213,426 16 1	9,691 16 7	74 0 0	9,765 16 7	215,222 19 4	..	3,453 19 5	459 1 6	..	2,255 4 9
7. Dingee	2,807 14 8	72,595 11 5	3,593 11 0	34 0 0	3,627 11 0	74,750 12 2	..	819 16 4	2,611 10 8	..	4,766 11 5
8. Katandra	5,684 11 7	73,056 18 7	6,092 19 0	83 0 0	6,175 19 0	96,295 7 7	..	491 7 5	4,619 11 1	..	27,858 0 1
9. Kerang	13,186 17 3	321,713 4 7	20,848 11 9	164 0 0	21,012 11 9	330,786 0 2	..	7,825 14 6	..	5,306 9 5	3,766 6 2
10. Koondrook	14,313 0 7	405,592 13 8	18,297 17 0	280 0 0	18,577 17 0	469,356 7 2	..	4,264 16 5	..	11,372 3 10	52,391 9 8
11. Maffra-Sale	24,923 0 6	389,393 13 9	33,213 2 3	485 0 0	33,698 2 3	410,058 1 1	..	8,775 1 9	..	16,951 5 11	3,713 1 5
12. Murray Valley	36,004 10 5	185,210 11 10	32,582 17 9	465 0 0	33,047 17 9	165,246 3 5	2,956 12 8	..	19,964 8 5	..	..
13. Mystic Park	1,234 7 0	32,660 18 8	3,315 9 7	19 0 0	3,334 9 7	48,194 8 8	..	2,100 2 7	..	13,420 13 4	2,112 16 8
14. North Shepparton	10,939 11 4	167,810 11 11	14,603 3 11	162 0 0	14,765 3 11	210,891 1 6	..	3,825 12 7	..	320 7 7	42,760 2 0
15. Robinvale	10,539 17 8	22,889 2 7	17,282 5 9	5,323 0 0	22,605 5 9	54,410 10 7	..	12,065 8 1	..	31,521 8 0	..
16. Rochester	38,615 18 6	850,948 9 4	46,278 18 3	676 0 0	46,954 18 3	871,900 3 7	..	8,338 19 9	14,211 2 3	..	35,162 16 6
17. Rodney	44,128 5 9	1,190,994 17 1	54,166 1 4	775 0 0	54,941 1 4	1,303,962 16 3	..	10,812 15 7	..	26,808 3 7	86,159 15 7
18. Shepparton	17,928 16 9	335,966 2 7	20,314 9 9	184 0 0	20,498 9 9	410,880 11 2	..	2,569 13 0	..	14,001 16 10	60,912 11 9
19. South Shepparton	3,058 18 10	64,593 10 8	3,549 3 8	49 0 0	3,598 3 8	71,493 6 11	..	539 4 10	..	4,163 19 6	2,735 16 9
20. Swan Hill	16,867 12 2	382,043 7 1	24,269 0 3	799 0 0	25,068 0 3	431,938 16 2	..	8,200 8 1	..	43,658 18 7	6,236 10 6
21. Third Lake	1,232 13 0	27,517 5 3	1,839 10 7	32 0 0	1,871 10 7	32,121 18 2	..	638 17 7	..	2,165 10 9	2,439 2 2
22. Tongala-Stanhope	31,660 4 0	618,831 15 3	39,815 4 8	502 0 0	40,317 4 8	725,235 1 8	..	8,657 0 8	..	32,780 8 3	73,622 18 2
23. Tragowel Plains	20,380 0 3	571,444 12 4	28,282 10 1	500 0 0	28,782 10 1	646,449 3 11	..	8,402 9 10	..	32,164 4 11	42,840 6 8
24. Werribee	11,707 4 4	248,142 17 9	12,322 12 10	358 0 0	12,680 12 10	274,096 12 3	..	973 8 6	..	10,478 4 3	15,475 10 3
Totals	362,402 11 4	7,488,913 14 8	459,936 15 7	11,967 0 0	471,903 15 7	8,248,183 5 11	2,956 12 8	112,457 16 11	65,883 10 10	298,377 1 3	526,776 0 10

IRRIGATION AND WATER SUPPLY DISTRICTS—*continued.*

CASH ACCOUNT—*continued.*

STATEMENT of Moneys received and disbursed from 1st May, 1906, to 30th June, 1951; also of Depreciation charged for Financial Year 1950-51 (State Works of Water Supply excluded)—*continued.*

District.	Receipts.		Expenditure.				Excess Receipts over Expenditure, 1950–51.	Excess Expenditure over Receipts, 1950–51.	Accumulated.		
	Receipts Year ended 30th June, 1951.	Total 1906 to 30th June, 1951.	Year ended 30th June, 1951.			Total 1906 to 30th June, 1951.			Surplus credited to District Account at 30th June, 1951.	Deficiency chargeable to District Account at 30th June, 1951.	Deficiency chargeable to State Account, 30th June, 1951. (Inclusive of column 9.)
			Operating Costs.	Depreciation.	Total.						
1.	2.	3.	4.	5.	6.	7.	8.	9.	10.	11.	12.
	£ s. d.	£ s. d.	£ s. d.	£ s. d.	£ s. d.	£ s. d.	£ s. d.	£ s. d.	£ s. d.	£ s. d.	£ s. d.
The Districts set out hereunder are those whose works will not produce sufficient revenue to cover the expense of the maintenance and management thereof, and where water supplies are being continued by direction of the Governor in Council. The annual amount of loss resulting from the maintenance and management of these districts has been transferred to the "Revenue Expenditure Chargeable to the State Account". (By authority of Orders in Council, dated 30th July, 1938, and 16th November, 1942, under the provisions of Section 6, *Water Act* 1937, No. 4513.)											
25. Fish Point	662 3 5	19,941 19 2	2,836 2 4	23 0 0	2,859 2 4	31,656 2 3	..	2,196 18 11	..	654 5 10	11,059 17 3
26. Nyah	20,047 7 0	294,768 18 6	19,404 11 2	851 0 0	20,255 11 2	359,454 0 6	..	208 4 2	..	11,264 15 0	53,420 7 0
27. Red Cliffs–Merbein	138,367 13 10	2,192,797 12 6	163,552 0 0	14,453 0 0	178,005 0 0	2,444,134 16 11	..	39,637 6 2	..	47,179 16 2	204,157 8 3
28. Tresco	5,586 19 1	70,459 15 8	13,025 10 5	540 0 0	13,565 10 5	187,449 3 10	..	7,978 11 4	..	46 8 9	116,942 19 5
Totals	164,664 3 4	2,577,968 5 10	198,818 3 11	15,867 0 0	214,685 3 11	3,022,694 3 6	..	50,021 0 7	..	59,145 5 9	385,580 11 11
Grand Totals	527,066 14 8	10,066,882 0 6	658,754 19 6	27,834 0 0	686,588 19 6	11,270,877 9 5	2,956 12 8	162,478 17 6	65,883 10 10	357,522 7 0	912,356 12 9

IRRIGATION AND WATER SUPPLY DISTRICTS.

PROFIT AND LOSS ACCOUNT FOR FINANCIAL YEAR 1950-51.

STATEMENT of Revenue Assessment (inclusive of Rate, Charge, Water Sales, Interest, Miscellaneous and Credits for Urban Water), and Expenditure and Depreciation Charged and Amounts Written Off.

District.	Revenue Assessment.	Expenditure.				Profit and Loss.						
		Operating Costs.	Depreciation.	Amounts Written Off.	Total.	Excess Assessment over Expenditure.	Excess Expenditure over Assessment.	Revenue Due for previous Years Written Off.	Adjustments to Revenue for Years prior to 1950-51. (A) Loss. (B) Gain.	Interest and Other Losses Prior to 30th June, 1938 Borne by State. (Act No. 5017).	Loss since 30th June, 1938.	Gain as at 30th June, 1951.
	£ s. d.	£ s. d.	£ s. d.	£ s. d.	£ s. d.	£ s. d.	£ s. d.	£ s. d.	£ s. d.	£ s. d.	£ s. d.	£ s. d.
1. Bacchus Marsh	7,855 7 10	7,744 8 3	169 0 0	..	7,913 8 3	..	58 0 5	1 15 9	..	21,170 8 3	13,613 5 6	..
2. Boort	7,098 12 7	16,230 18 11	150 0 0	1 15 0	16,382 13 11	..	9,284 1 4	6 17 2	(B) 22 18 10	1,620 15 3	38,507 11 11	..
3. Calivil	4,993 0 7	6,090 7 11	194 0 0	0 12 0	6,284 19 11	..	1,291 19 4	..	..	19,935 9 2	..	13,820 14 10
4. Campaspe	764 19 0	907 11 0	20 0 0	58 4 0	985 15 0	..	220 16 0	24 5 0	(B) 3 15 0	3,695 6 10	..	2,139 15 0
5. Cohuna	28,809 4 9	39,083 2 0	470 0 0	122 12 7	39,675 14 7	..	10,866 9 10	117 1 2	(B) 484 18 6	15,145 0 10	..	14,301 10 11
6. Deakin	7,269 15 2	9,691 16 7	74 0 0	0 0 3	9,765 16 10	..	2,496 1 8	..	(A) 0 3 9 (B) 25 18 9	2,255 4 9	..	2,870 12 6
7. Dingee	3,034 14 1	3,556 11 0	34 0 0	0 17 0	3,591 8 0	..	556 13 11	4 18 6	(A) 37 0 0 (B) 0 8 6	4,766 11 5	..	3,030 12 7
8. Katandra	5,431 4 8	6,092 19 0	83 0 0	8 13 0	6,184 12 0	..	753 7 4	..	..	27,858 0 1	..	5,112 9 3
9. Kerang	12,500 0 1	20,848 11 9	164 0 0	..	21,012 11 9	..	8,512 11 8	..	..	3,766 6 2	1,090 17 11	..
10. Koondrook	14,055 0 11	18,297 17 0	280 0 0	38 8 4	18,616 5 4	..	4,561 4 5	0 17 8	..	52,391 9 8	6,949 7 7	..
11. Maffra-Sale	24,738 17 0	33,213 2 3	485 0 0	36 11 4	33,734 13 7	..	8,995 16 7	8 7 6	(B) 3 3 11	3,713 1 5	15,006 5 2	..
12. Murray Valley	47,114 8 3	32,582 17 9	465 0 0	6,183 16 8	39,231 14 5	7,882 13 10	..	..	(B) 52 4 1	..	..	28,525 10 1
13. Mystic Park	1,343 2 4	3,315 9 7	19 0 0	0 10 0	3,334 19 7	..	1,991 17 3	0 0 9	..	2,112 16 8	13,107 11 4	..
14. North Shepparton	10,732 4 10	14,603 3 11	162 0 0	5 1 0	14,770 4 11	..	4,038 0 1	..	..	42,760 2 0	..	148 12 8
15. Robinvale	10,852 14 5	17,282 5 9	5,323 0 0	14 9 9	22,619 15 6	..	11,767 1 1	6 15 6	..	..	31,005 19 0	..
16. Rochester	38,223 3 6	46,278 18 3	676 0 0	..	46,954 18 3	..	8,731 14 9	1 8 10	(A) 54 6 6 (B) 325 4 4	35,162 16 6	..	24,540 17 1
17. Rodney	47,895 16 4	54,166 1 4	775 0 0	129 12 0	55,070 13 4	..	7,174 17 0	344 14 1	(A) 0 7 10 (B) 1 2 11	86,159 15 7	14,424 8 5	..
18. Shepparton	17,245 10 5	20,314 9 9	184 0 0	6 12 1	20,505 1 10	..	3,259 11 5	..	..	60,912 11 9	13,195 17 3	..
19. South Shepparton	2,913 6 8	3,549 3 8	49 0 0	4 12 0	3,602 15 8	..	689 9 0	..	..	2,735 16 9	4,037 0 4	..
20. Swan Hill	17,165 15 5	24,269 0 3	799 0 0	4 16 0	25,072 16 3	..	7,907 0 10	..	(B) 2 16 10	6,236 10 6	38,309 15 8	..
21. Third Lake	1,197 8 11	1,839 10 7	32 0 0	12 17 0	1,884 7 7	..	686 18 8	0 7 3	..	2,439 2 2	1,769 14 6	..
22. Tongala-Stanhope	33,792 9 11	39,815 4 8	502 0 0	31 7 0	40,348 11 8	..	6,556 1 9	..	(A) 0 7 8 (B) 24 16 7	73,622 18 2	20,068 11 4	..
23. Tragowel Plains	19,536 15 3	28,282 10 1	500 0 0	169 18 0	28,952 8 1	..	9,415 12 10	3 0 11	..	42,840 6 8	28,417 18 10	..
24. Werribee	11,625 8 6	12,322 12 10	358 0 0	..	12,680 12 10	..	1,055 4 4	..	..	15,475 10 3	9,930 15 6	..
Totals	376,189 1 5	460,378 14 1	11,967 0 0	6,831 5 0	479,176 19 1	7,882 13 10	110,870 11 6	520 10 1	(A) 92 5 9 (B) 947 8 3	526,776 0 10	249,435 0 3	94,490 14 11

The Districts set out hereunder are those whose works will not produce sufficient revenue to cover the expense of maintenance and management thereof, and where water supplies are being continued by direction of the Governor in Council. The annual amount of loss resulting from the maintenance and management of these districts has been transferred to the "Revenue Expenditure Chargeable to the State Account". (By authority of Orders in Council, dated 30th July, 1938, and 16th November, 1942, under the provisions of Section 6, *Water Act* 1937, No. 4513.)

25. Fish Point	924 4 8	2,836 2 4	23 0 0	..	2,859 2 4	..	1,934 17 8	..	..	2,479 7 4	8,296 14 7	..
26. Nyah	15,369 0 10	19,404 11 2	851 0 0	2 12 2	20,258 3 4	..	4,889 2 6	47 8 10	(A) 0 2 3	30,297 7 11	28,010 6 8	..
27. Red Cliffs-Merbein	136,880 17 5	163,552 0 0	14,453 0 0	165 14 2	178,170 14 2	..	41,289 16 9	209 2 4	(A) 0 9 4	47,614 2 7	194,167 3 3	..
28. Tresco	6,504 10 10	13,025 10 5	540 0 0	..	13,565 10 5	..	7,060 19 7	..	(A) 0 13 10	65,026 4 5	50,594 8 8	..
Totals	159,678 13 9	198,818 3 11	15,867 0 0	168 6 4	214,853 10 3	..	55,174 16 6	256 11 2	(A) 1 5 5	145,417 2 3	281,068 13 2	..
Grand Totals	535,867 15 2	659,196 18 0	27,834 0 0	6,999 11 4	694,030 9 4	7,882 13 10	166,045 8 0	777 1 3	(A) 93 11 2 (B) 947 8 3	672,193 3 1	530,503 13 5	94,490 14 11

URBAN DIVISIONS.

CASH ACCOUNT.

STATEMENT of Moneys received and disbursed from 1st May, 1906, to 30th June, 1951; also of Interest charged at the rates of 3·3068 per cent. on Capital Debits as at 30th June, 1943, and 3 per cent. on Capital Debits subsequent to 30th June, 1943, and of Redemption and Depreciation Charged for Financial Year 1950–51.

Division.	Receipts.		Expenditure.						Excess Receipts over Expenditure 1950–51.	Excess Expenditure over Receipts 1950–51.	Accumulated.		
			Year ended 30th June, 1951.										
	Receipts, year ended 30th June, 1951.	Total 1906 to 30th June, 1951.	Operating Costs.	Interest.	Redemption.	Depreciation.	Total.	Total 1906 to 30th June, 1951.			Surplus Credited to District Account at 30th June, 1951.	Deficiency Chargeable to District Account at 30th June, 1951.	Deficiency Chargeable to State Account at 30th June, 1951. (Inclusive of Column 11.)
1.	2.	3.	4.	5.	6.	7.	8.	9.	10.	11.	12.	13.	14.
	£ s. d.	£ s. d.	£ s. d.	£ s. d.	£ s. d.	£ s. d.	£ s. d.	£ s. d.	£ s. d.	£ s. d.	£ s. d.	£ s. d.	£ s. d.
1. Bacchus Marsh	2,924 9 2	70,068 2 1	2,617 4 8	330 13 11	25 16 9	126 0 0	3,099 15 4	68,066 15 3	..	175 6 2	2,930 1 8	..	928 14 10
2. Cohuna	1,529 2 1	36,541 14 8	1,372 18 1	104 10 0	..	999 0 0	2,476 8 1	35,406 14 0	..	947 6 0	1,135 0 8	..	..
3. Lockington	271 15 10	7,655 14 7	136 6 8	3 18 11	..	261 0 0	401 5 7	7,147 16 6	..	129 9 9	507 18 1	..	..
4. Macorna	183 8 5	357 18 11	216 11 2	..	..	26 0 0	242 11 2	686 3 1	..	59 2 9	..	328 4 2	..
5. Red Cliffs	2,457 10 11	53,748 14 9	3,917 15 11	52 19 7	..	1,893 0 0	5,863 15 6	54,960 5 5	..	3,406 4 7	..	1,211 10 8	..
6. Robinvale	609 16 6	618 2 6	592 17 10	..	..	161 0 0	753 17 10	1,081 0 8	..	144 1 4	..	462 18 2	..
7. Tallygaroopna	181 11 0	343 7 6	100 18 9	..	..	47 6 3	148 5 0	259 7 6	33 6 0	..	84 0 0	..	..
Totals	8,157 13 11	169,333 15 0	8,954 13 1	492 2 5	25 16 9	3,513 6 3	12,985 18 6	167,608 2 5	33 6 0	4,861 10 7	4,657 0 5	2,002 13 0	928 14 10
The Divisions set out hereunder are those whose works will not produce sufficient revenue to cover the expense of the maintenance and management thereof, and where water supplies are being continued by direction of the Governor in Council. The annual amount of loss resulting from the maintenance and management of these divisions has been transferred to the "Revenue Expenditure Chargeable to the State Account". (By authority of Orders in Council, dated 30th July, 1938, and 18th December, 1944, under the provisions of Section 6, *Water Act* 1937, No. 4513.)													
8. Corop	24 3 7	1,090 9 9	37 18 9	..	..	6 0 0	43 18 9	1,198 14 8	..	19 15 2	..	..	108 4 11
9. Dingee	102 0 5	2,267 19 9	99 10 6	..	..	14 0 0	113 10 6	2,751 15 9	..	11 10 1	..	167 2 10	316 13 2
10. Heyfield	1,510 18 7	12,165 8 0	1,295 13 9	..	..	115 0 0	1,410 13 9	13,600 7 5	100 4 10	..	..	..	1,434 19 5
11. Leitchville	431 2 4	9,918 9 1	1,168 17 2	..	..	45 0 0	1,213 17 2	10,459 0 3	..	782 14 10	..	..	540 11 2
12. Murrabit	93 6 10	1,531 11 8	165 19 4	..	..	33 0 0	198 19 4	2,829 5 5	..	105 12 6	..	30 16 2	1,266 17 7
13. Stanhope	175 8 11	6,251 4 10	223 3 2	..	..	165 0 0	388 3 2	5,665 3 6	..	212 14 3	586 1 4	..	..
Totals	2,337 0 8	33,225 3 1	2,991 2 8	..	..	378 0 0	3,369 2 8	36,504 7 0	100 4 10	1,132 6 10	586 1 4	197 19 0	3,667 6 3
Grand Totals	10,494 14 7	202,558 18 1	11,945 15 9	492 2 5	25 16 9	3,891 6 3	16,355 1 2	204,112 9 5	133 10 10	5,993 17 5	5,243 1 9	2,200 12 0	4,596 1 1

URBAN DIVISIONS.

PROFIT AND LOSS ACCOUNT FOR FINANCIAL YEAR 1950-51.

STATEMENT of Revenue Assessment (inclusive of Rate, Water Sales, Interest, and Miscellaneous), and Expenditure (inclusive of Debits for Rural Water), Interest, Depreciation, and Redemption charged, and Amounts Written Off.

Division.	Revenue Assessment.	Expenditure.						Profit and Loss.					
		Operating Costs.	Interest.	Depreciation.	Redemption.	Amounts Written Off.	Total.	Excess—(Cr.) Assessment. (Dr.) Expenditure for Year.	Revenue Due for Previous Years Written Off.	Adjustments to Revenue for Years Prior to 1950-51. (A) Loss. (B) Gain.	Interest and Other Losses Prior to 30th June, 1938, Borne by State. (Act No. 5017.)	Loss since 30th June, 1938.	Gain as at 30th June, 1951.
	£ s. d.	£ s. d.	£ s. d.	£ s. d.	£ s. d.	£ s. d.	£ s. d.		£ s. d.	£ s. d.	£ s. d.	£ s. d.	£ s. d.
1. Bacchus Marsh	3,101 4 11	2,617 4 8	330 13 11	126 0 0	25 16 9	..	3,099 15 4	(Cr.) 1 9 7	2 4 9	..	928 14 10	..	3,143 2 9
2. Cohuna	1,504 10 3	1,372 18 1	104 10 0	99 0 0	8 7 8	0 0 2	1,584 15 11	(Dr.) 80 5 8	1 18 1	(A) 900 0 0*	..	..	1,386 8 3
3. Lockington	277 4 0	136 6 8	3 18 11	61 0 0	0 7 9	..	201 13 4	(Cr.) 75 10 8	..	(A) 200 0 0*	..	..	591 4 6
4. Macorna	168 12 8	216 11 2	..	26 0 0	..	..	242 11 2	(Dr.) 73 18 6	..	(B) 0 6 4	..	319 17 6	..
5. Red Cliffs	2,845 12 9	3,703 15 11	52 19 7	193 0 0	4 13 2	2 14 0	3,957 2 8	(Dr.) 1,111 9 11	..	{(A) 1,914 0 0* (B) 0 10 4}	..	516 17 10	..
6. Robinvale	697 19 8	592 17 10	..	161 0 0	..	..	753 17 10	(Dr.) 55 18 2	..	..	..	345 11 0	..
7. Tallygaroopna	193 0 6	100 18 9	..	47 6 3	..	0 10 0	148 15 0	(Cr.) 44 5 6	..	..	..	..	94 19 6
Totals	8,788 4 9	8,740 13 1	492 2 5	713 6 3	39 5 4	3 4 2	9,988 11 3	(Cr.) 121 5 9 (Dr.) 1,321 12 3	4 2 10	(A) 3,014 0 0 (B) 0 16 8	928 14 10	1,182 6 4	5,215 15 0

The Divisions set out hereunder are those whose works will not produce sufficient revenue to cover the expense of maintenance and management thereof, and where water supplies are being continued by direction of the Governor in Council. The annual amount of loss resulting from the maintenance and management of these divisions has been transferred to the "Revenue Expenditure Chargeable to the State" Account. (By authority of Orders in Council, dated 30th July, 1938, and 18th December, 1944, under the provisions of Section 6, *Water Act* 1937, No. 4513.)

8. Corop	31 3 2	37 18 9	..	6 0 0	..	..	43 18 9	(Dr.) 12 15 7	..	..	62 8 1	12 1 9	..
9. Dingee	111 11 8	136 10 6	..	14 0 0	..	..	150 10 6	(Dr.) 38 18 10	..	(B) 37 0 0	93 10 6	380 4 3	..
10. Heyfield	1,387 15 9	1,295 13 9	..	115 0 0	..	..	1,410 13 9	(Dr.) 22 18 0	..	(B) 200 0 0	160 19 2	1,178 15 10	..
11. Leitchville	453 9 3	689 18 8	..	45 0 0	..	..	734 18 8	(Dr.) 281 9 5	..	(A) 478 18 6	..	458 3 9	..
12. Murrabit	102 3 11	165 19 4	..	33 0 0	..	..	198 19 4	(Dr.) 96 15 5	..	..	92 1 10	1,193 9 4	..
13. Stanhope	196 13 5	223 3 2	..	35 0 0	..	..	258 3 2	(Dr.) 61 9 9	..	{(A) 130 0 0 (B) 0 8 11}	..	..	626 2 8
Totals	2,285 17 2	2,549 4 2	..	248 0 0	..	..	2,797 4 2	(Dr.) 514 7 0	..	(A) 608 18 6 (B) 237 8 11	408 19 7	3,222 14 11	626 2 8
Grand Totals	11,071 1 11	11,289 17 3	492 2 5	961 6 3	39 5 4	3 4 2	12,785 15 5	(Cr.) 121 5 9 (Dr.) 1,835 19 3	4 2 10	(A) 3,622 18 6* (B) 238 5 7	1,337 14 5	4,405 1 3	5,841 17 8

* Includes special depreciation charged against previous years, £2,930.

WATERWORKS DISTRICTS.

CASH ACCOUNT.

STATEMENT of Moneys received and disbursed from 1st May, 1906, to 30th June, 1951; also of Interest charged at the rates of 3·3068 per cent. on Capital Debits, as at 30th June, 1943, and 3 per cent. on Capital Debits subsequent to 30th June, 1943, and of Redemption and Depreciation charged for Financial Year 1950-51. (State Works of Water Supply excluded.)

District.	Receipts.		Expenditure.						Excess Receipts over Expenditure 1950-51.	Excess Expenditure over Receipts 1950-51.	Accumulated—		
			Year ended 30th June, 1951.										
	Receipts Year ended 30th June, 1951.	Total 1906 to 30th June, 1951.	Operating Costs.	Interest.	Redemption.	Depreciation.	Total.	Total 1906 to 30th June, 1951.			Surplus Credited to District Account at 30th June, 1951.	Deficiency Chargeable to District Account at 30th June, 1951.	Deficiency Chargeable to State Account at 30th June, 1951. (Inclusive of Column 11.)
1.	2.	3.	4.	5.	6.	7.	8.	9.	10.	11.	12.	13.	14.
	£ s. d.	£ s. d.	£ s. d.	£ s. d.	£ s. d.	£ s. d.	£ s. d.	£ s. d.	£ s. d.	£ s. d.	£ s. d.	£ s. d.	£ s. d.
1. Bellarine Peninsula ..	10,832 16 0	147,457 7 2	12,327 3 0	2,747 16 7	..	1,250 0 0	16,324 19 7	151,969 5 10	..	5,492 3 7	5,415 11 0	..	9,927 9 8
2. East Loddon ..	824 12 2	5,419 11 9	686 5 10	..	..	3 0 0	689 5 10	4,250 9 2	135 6 4	..	1,169 2 7	..	..
3. Loddon	1,154 7 10	5,528 3 6	968 9 1	..	..	4 0 0	972 9 1	7,358 5 2	181 18 9	..	..	1,830 1 8	..
4. Mornington Peninsula	16,312 18 9	184,468 18 8	6,461 7 3	2,120 8 11	330 0 2	5,327 0 0	14,238 16 4	146,544 11 6	2,074 2 5	..	39,001 19 5	..	1,077 12 3
5. Newstead	39 0 0	372 10 0	..	..	..	..	..	101 10 0	39 0 0	..	271 0 0	..	..
6. Normanville	3,846 6 4	32,625 1 11	2,809 0 10	..	..	463 0 0	3,272 0 10	32,701 7 3	574 5 6	..	..	76 5 4	..
7. Otway	12,076 11 2	109,352 12 4	6,302 8 1	2,973 10 6	232 3 6	2,027 0 0	11,535 2 1	111,976 12 11	541 9 1	..	..	2,624 0 7	..
8. Ouyen	10,553 16 10	132,173 1 11	27,739 8 6	..	..	292 0 0	28,031 8 6	489,800 5 10	..	17,477 11 8	..	49,188 12 10	308,438 11 1
9. Werribee	612 12 4	20,006 13 2	586 8 6	..	..	27 0 0	613 8 6	21,411 1 9	..	0 16 2	817 2 3	..	2,221 10 10
10. Western Wimmera ..	25,283 8 3	612,450 9 7	32,012 18 2	..	..	805 0 0	32,817 18 2	674,144 5 5	..	7,534 9 11	..	48,265 10 9	13,428 5 1
11. West Loddon ..	1,433 3 0	9,714 6 1	1,996 10 9	..	..	10 0 0	2,006 10 9	10,414 17 3	..	573 7 9	..	700 11 2	..
12. Wimmera United ..	21,598 12 5	653,129 2 7	16,842 6 8	..	..	442 0 0	17,284 6 8	644,015 8 3	4,314 5 9	..	9,113 14 4	..	..
13. Wychitella	3,982 14 10	11,988 17 4	9,574 0 1	..	..	84 0 0	9,658 0 1	29,639 16 1	..	5,675 5 3	..	17,650 18 9	..
Totals	108,550 19 11	1,924,686 16 0	118,306 6 9	7,841 16 0	562 3 8	10,734 0 0	137,444 6 5	2,324,327 16 5	7,860 7 10	36,753 14 4	55,788 9 7	120,336 1 1	335,093 8 11

The Districts set out hereunder are those whose works will not produce sufficient revenue to cover the expense of the maintenance and management thereof, and where water supplies are being continued by direction of the Governor in Council. The annual amount of loss resulting from the maintenance and management of these districts has been transferred to the "Revenue Expenditure Chargeable to the State Account". (By authority of Orders in Council, dated 30th July, 1938, and 21st October, 1941, under the provisions of Section 6, *Water Act* 1937, No. 4513.)

14. Birchip	6,136 17 4	176,545 14 1	6,792 3 4	..	..	65 0 0	6,857 3 4	217,275 3 8	..	720 6 0	..	5,077 15 6	35,651 14 1
15. Carwarp	1,272 3 0	31,817 19 2	5,555 12 5	..	..	266 0 0	5,821 12 5	137,094 6 11	..	4,549 9 5	..	3,539 8 8	101,736 19 1
16. Carwarp Central ..	290 4 11	4,784 12 9	892 3 6	..	..	21 0 0	913 3 6	11,317 4 9	..	622 18 7	..	763 19 2	5,768 12 10
17. Coreena	1,565 8 0	17,571 0 8	6,712 15 5	..	..	148 0 0	6,860 15 5	97,409 3 9	..	5,295 7 5	..	2,922 13 10	76,915 9 3
18. Hindmarsh	1,208 18 3	27,675 11 0	1,304 2 11	..	..	152 0 0	1,456 2 11	28,424 12 5	..	247 4 8	..	..	749 1 5
19. Karkarooc	19,795 15 10	475,566 5 10	24,024 3 0	..	..	81 0 0	24,105 3 0	608,391 17 2	..	4,309 7 2	..	13,179 4 6	119,646 6 10
20. Kerang — North-West Lakes	334 3 1	6,767 3 11	357 6 7	..	..	5 0 0	362 6 7	8,218 18 4	..	28 3 6	..	83 3 9	1,368 10 8
21. Long Lake	13,918 7 6	358,562 15 11	20,431 0 9	..	..	227 0 0	20,658 0 9	488,008 14 2	..	6,739 13 3	..	29,289 10 10	100,156 7 5
22. Millewa	5,821 11 7	76,392 0 11	34,147 1 8	..	..	3,232 0 0	37,379 1 8	471,042 19 10	..	31,557 10 1	..	9,567 8 2	385,083 10 9
23. Millewa Central ..	2,845 11 8	42,970 17 3	17,783 16 5	..	..	1,309 0 0	19,092 16 5	283,852 9 7	..	16,247 4 9	..	5,625 2 2	235,256 10 2
24. Sea Lake	12,425 13 5	326,181 17 8	17,394 14 9	..	..	98 0 0	17,492 14 9	406,779 4 4	..	5,067 1 4	..	8,236 19 5	72,360 7 3
25. Tyntynder	14,282 8 2	251,802 17 7	27,751 16 7	..	..	142 0 0	27,893 16 7	552,342 19 10	..	13,611 8 5	..	29,188 7 1	271,351 15 2
26. Tyrrell	9,558 2 8	290,013 17 7	25,378 2 10	..	..	140 0 0	25,518 2 10	560,719 18 3	..	15,960 0 2	..	16,240 1 9	254,465 18 11
27. Tyrrell West	5,396 16 5	79,060 17 9	11,978 16 11	..	..	80 0 0	12,058 16 11	275,977 6 3	..	6,662 0 6	..	10,013 19 9	186,902 8 9
28. Upper Western Wimmera	5,680 5 7	164,286 10 10	7,092 9 6	..	..	49 0 0	7,141 9 6	166,503 5 9	..	1,461 3 11	..	..	2,216 14 11
29. Upper Wimmera United	9,724 12 8	261,506 3 1	8,696 6 10	..	..	94 0 0	8,790 6 10	274,136 2 10	934 5 10	..	..	4,359 16 0	8,270 3 9
30. Walpeup West ..	2,826 5 2	64,822 5 11	2,006 15 11	..	..	279 0 0	2,285 15 11	73,773 1 2	540 9 3	..	..	753 8 4	8,197 6 11
31. Wycheproof	11,826 9 8	287,197 10 4	10,395 0 7	..	..	115 0 0	10,510 0 7	347,807 14 11	1,316 9 1	..	..	4,504 1 10	56,106 2 9
32. Yelta	751 2 4	15,836 13 8	1,410 3 9	..	..	5 0 0	1,415 3 9	30,103 0 2	..	664 1 5	..	1,488 7 10	12,777 18 8
Totals	125,660 17 3	2,959,362 15 11	230,104 13 8	..	..	6,508 0 0	236,612 13 8	5,039,178 4 1	2,791 4 2	113,743 0 7	..	144,833 8 7	1,934,981 19 7
Grand Totals ..	234,211 17 2	4,884,049 11 11	348,411 0 5	7,841 16 0	562 3 8	17,242 0 0	374,057 0 1	7,363,506 0 6	10,651 12 0	150,496 14 11	55,788 9 7	265,169 9 8	2,270,075 8 6

WATERWORKS DISTRICTS.

PROFIT AND LOSS ACCOUNT FOR FINANCIAL YEAR 1950-51.

STATEMENT of Revenue Assessment (inclusive of Rate, Water Sales, Interest, Miscellaneous and Credits for Urban Water) and Expenditure (inclusive of Debits for Rural Water), Interest, Depreciation and Redemption charged and Amounts Written Off.

District.	Revenue Assessment.	Expenditure.						Profit and Loss.						
		Operating Costs.	Interest.	Depreciation.	Redemption.	Amounts Written Off.	Total.	Excess— (Cr.) Assessment. (Dr.) Expenditure for Year.	Revenue Due for Previous Years Written Off.	Adjustments to Revenue for Years prior to 1950-51. (A) Loss. (B) Gain.	Interest and Other Losses prior to 30th June, 1938, Borne by State. (Act No. 5017.)	Loss since 30th June, 1938.	Gain as at 30th June, 1951.
	£ s. d.	£ s. d.	£ s. d.	£ s. d.	£ s. d.	£ s. d.	£ s. d.		£ s. d.	£ s. d.	£ s. d.	£ s. d.	£ s. d.
1. Bellarine Peninsula ..	11,195 11 4	12,327 3 0	2,747 16 7	1,250 0 0	212 13 9	..	16,537 13 4	(Dr.) 5,342 2 0	1 15 0	(A)22,327 0 0* (B) 35 2 0	9,927 9 8	16,473 12 2	..
2. East Loddon	959 2 5	686 5 10	..	3 0 0	..	0 6 6	689 12 4	(Cr.) 269 10 1	0 3 6	..	..	..	1,310 11 0
3. Loddon	1,128 19 5	968 9 1	..	4 0 0	..	0 14 8	973 3 9	(Cr.) 155 15 8	..	..	..	1,800 17 9	..
4. Mornington Peninsula ..	13,931 4 4	6,461 7 3	2,120 8 11	1,188 0 0	165 0 1	27 10 0	9,962 6 3	(Cr.) 3,968 18 1	33 4 0	(A) 4,139 0 0*	1,077 12 3	..	41,190 11 1
5. Newstead	39 0 0	..	..	..	..	..	..	(Cr.) 39 0 0	..	..	..	..	271 0 0
6. Normanville	3,625 18 11	2,809 0 10	..	463 0 0	..	2 0 0	3,274 0 10	(Cr.) 351 18 1	0 6 3	..	..	23 19 3	..
7. Otway	12,699 19 5	6,302 8 1	2,973 10 6	2,027 0 0	232 3 6	..	11,535 2 1	(Cr.) 1,164 17 4	4 8 0	(B) 0 10 0	..	1,486 18 3	..
8. Ouyen	8,138 16 2	27,739 8 6	..	292 0 0	..	11 15 6	28,043 4 0	(Dr.) 19,904 7 10	519 18 9	(B) 0 16 8	62,060 3 7	290,571 11 4	..
9. Werribee	609 6 4	586 8 6	..	27 0 0	..	..	613 8 6	(Dr.) 4 2 2	..	..	2,221 10 10	..	834 2 4
10. Western Wimmera ..	26,755 8 6	32,012 18 2	..	805 0 0	..	1 16 0	32,819 14 2	(Dr.) 6,064 5 8	15 1 5	..	13,428 5 1	44,351 10 3	..
11. West Loddon ..	1,379 19 7	1,996 10 9	..	10 0 0	..	..	2,006 10 9	(Dr.) 626 11 2	10 5 5	..	..	684 9 8	..
12. Wimmera United ..	21,643 17 7	16,842 6 8	..	442 0 0	..	..	17,284 6 8	(Cr.) 4,359 10 11	..	..	..	..	11,416 4 10
13. Wychitella	4,164 15 5	9,574 0 1	..	84 0 0	..	46 5 0	9,704 5 1	(Dr.) 5,539 9 8	68 18 7	..	..	17,302 0 8	..
Totals	106,271 19 5	118,306 6 9	7,841 16 0	6,595 0 0	609 17 4	90 7 8	133,443 7 9	(Cr.) 10,309 10 2 (Dr.) 37,480 18 6	654 0 11	(A)26,466 0 0 (B) 36 8 8	88,715 1 5	372,694 19 4	55,022 9 3

The Districts set out hereunder are those whose works will not produce sufficient revenue to cover the expense of the maintenance and management thereof, and where water supplies are being continued by direction of the Governor in Council. The annual amount of loss resulting from the maintenance and management of these districts has been transferred to the "Revenue Expenditure Chargeable to the State Account." (By authority of Orders in Council, dated 30th July, 1938, and 21st October, 1941, under the provisions of Section 6, *Water Act* 1937, No. 4513.)

14. Birchip	5,866 0 7	6,792 3 4	..	65 0 0	..	40 3 7	6,897 6 11	(Dr.) 1,031 6 4	13 9 3	..	23,844 1 4	16,798 4 8	..
15. Carwarp	1,143 0 0	5,555 12 5	..	266 0 0	..	2 13 4	5,824 5 9	(Dr.) 4,681 5 9	666 12 9	(B) 0 11 2	53,546 18 10	50,238 6 0	..
16. Carwarp Central ..	176 7 9	892 3 6	..	21 0 0	..	..	913 3 6	(Dr.) 736 15 9	92 19 10	..	1,426 5 0	4,925 0 6	..
17. Coreena	1,135 3 11	6,712 15 5	..	148 0 0	..	33 4 7	6,894 0 0	(Dr.) 5,758 16 1	783 17 4	(B) 4 3 4	25,451 16 6	51,901 13 7	..
18. Hindmarsh	1,112 14 8	1,304 2 11	..	152 0 0	..	..	1,456 2 11	(Dr.) 343 8 3	..	..	..	579 11 3	..
19. Karkarooc	19,476 13 1	24,024 3 0	..	81 0 0	..	91 15 2	24,196 18 2	(Dr.) 4,720 5 1	118 15 9	..	41,264 17 1	90,185 4 8	..
20. Kerang-North-West Lakes	266 9 4	357 6 7	..	5 0 0	..	4 2 0	366 8 7	(Dr.) 99 19 3	..	..	831 10 5	543 19 8	..
21. Long Lake	12,466 10 11	20,431 0 9	..	227 0 0	..	1 13 3	20,659 14 0	(Dr.) 8,193 3 1	381 7 0	..	22,303 5 10	104,320 9 11	..
22. Millewa	6,055 9 3	34,147 1 8	..	3,232 0 0	..	156 19 11	37,536 1 7	(Dr.) 31,480 12 4	7,974 14 3	(B) 1 13 3	92,290 6 7	296,843 11 2	..
23. Millewa Central ..	3,669 14 7	17,783 16 5	..	1,309 0 0	..	725 10 4	19,818 6 9	(Dr.) 16,148 12 2	3,902 6 9	..	50,278 6 8	187,066 14 6	..
24. Sea Lake	11,305 19 2	17,394 14 9	..	98 0 0	..	70 5 7	17,563 0 4	(Dr.) 6,257 1 2	40 17 7	..	30,284 3 2	50,077 12 0	..
25. Tyntynder	10,172 9 0	27,751 16 7	..	142 0 0	..	229 15 5	28,123 12 0	(Dr.) 17,951 3 0	2,091 17 6	..	105,792 16 6	182,669 8 8	..
26. Tyrrell	7,317 2 2	25,378 2 10	..	140 0 0	..	13 2 5	25,531 5 3	(Dr.) 18,214 3 1	711 9 5	(B) 206 13 11	56,577 2 0	211,214 12 1	..
27. Tyrrell West	4,229 15 3	11,978 16 11	..	80 0 0	..	172 5 7	12,231 2 6	(Dr.) 8,001 7 3	399 7 9	(B) 0 16 8	36,118 14 6	159,237 14 6	..
28. Upper Western Wimmera	5,568 6 6	7,092 9 6	..	49 0 0	..	..	7,141 9 6	(Dr.) 1,573 3 0	..	..	..	1,935 19 8	..
29. Upper Wimmera United	9,526 2 0	8,696 6 10	..	94 0 0	..	..	8,790 6 10	(Cr.) 735 15 2	..	..	52 0 1	11,832 0 0	..
30. Walpeup West ..	2,322 7 2	2,006 15 11	..	279 0 0	..	2 7 6	2,288 3 5	(Cr.) 34 3 9	552 6 5	(A) 591 12 7* (B) 0 1 4	8,197 6 11	164 17 11	..
31. Wycheproof	11,148 11 6	10,395 0 7	..	115 0 0	..	45 18 6	10,555 19 1	(Cr.) 592 12 5	62 5 5	..	37,048 16 5	23,131 5 1	..
32. Yelta	458 2 5	1,410 3 9	..	5 0 0	..	..	1,415 3 9	(Dr.) 957 1 4	..	(B) 11 4 9	3,664 18 11	10,494 16 2	..
Totals	113,416 19 3	230,104 13 8	..	6,508 0 0	..	1,589 17 2	238,202 10 10	(Cr.) 1,362 11 4 (Dr.) 126,148 2 11	17,792 7 0	(A) 591 12 7 (B) 225 4 5	588,973 6 9	1,454,161 2 0	..
Grand Totals ..	219,688 18 8	348,411 0 5	7,841 16 0	13,103 0 0	609 17 4	1,680 4 10	371,645 18 7	(Cr.) 11,672 1 6 (Dr.) 163,629 1 5	18,446 7 11	(A)27,057 12 7* (B) 261 13 1	677,688 8 2	1,826,856 1 4	55,022 9 3

* Special Depreciation charge in respect of previous years, £27,057 12s. 7d.

URBAN DISTRICTS.

CASH ACCOUNT.

STATEMENT of **Moneys received** and disbursed from 1st May, 1906, to 30th June, 1951; also of Interest charged at the rates of 3·3068 per cent. on Capital Debits as at 30th June, **1943, and 3** per cent. on Capital Debits subsequent to 30th June, 1943, and of Redemption and Depreciation charged for Financial Year 1950-51. (State **Works of Water** Supply excluded.)

District.	Receipts.		Expenditure.								Accumulated.		
			Year ended 30th June, 1951.										
	Receipts Year ended 30th June, 1951.	**Total 1906 to 30th June, 1951.**	Operating Costs.	Interest.	Redemption.	Depreciation.	Total.	**Total 1906 to 30th June, 1951.**	Excess Receipts over Expenditure, 1950-51.	Excess Expenditure over Receipts, 1950-51.	Surplus Credited to District Account at 30th June, 1951.	Deficiency Chargeable to District Account at 30th June, 1951.	Deficiency Chargeable to State Account at 30th June, 1951 (inclusive of Column 11).
1.	2.	3.	4.	5.	6.	7.	8.	9.	10.	11.	12.	13.	14.
	£ s. d.	£ s. d.	£ s. d.	£ s. d.	£ s. d.	£ s. d.	£ s. d.	£ s. d.	£ s. d.	£ s. d.	£ s. d.	£ s. d.	£ s. d.
1. Allansford	439 10 9	1,973 0 5	222 10 5	26 10 11	4 3 10	23 0 0	276 5 2	1,733 12 6	163 5 7	..	239 7 11	..	..
2. Antwerp	46 18 3	1,564 4 10	74 18 9	8 10 5	..	2 0 0	85 9 2	1,470 1 5	..	38 10 11	94 3 5	..	..
3. Barwon Heads and Ocean Grove	3,241 17 3	35,888 12 10	1,763 4 6	261 13 7	20 15 8	564 0 0	2,609 13 9	33,523 1 4	632 3 6	..	2,365 11 6	..	..
4. Berriwillock	356 12 2	9,183 8 8	465 14 11	0 2 2	..	16 0 0	481 17 1	9,321 18 1	..	125 4 11	78 9 3	..	216 18 8
5. Berwick	1,410 11 11	25,398 5 2	1,031 19 11	101 9 7	..	511 0 0	1,644 9 6	23,366 1 7	..	233 17 7	2,032 3 7	..	..
6. Birregurra	755 14 7	2,022 6 7	677 11 0	..	..	111 0 0	788 11 0	2,498 15 8	..	32 16 5	..	476 9 1	..
7. Brim	269 18 8	7,424 2 7	350 13 1	10 18 10	..	31 0 0	392 11 11	7,222 14 5	..	122 13 3	201 8 2	..	..
8. Camperdown	6,949 8 6	65,085 8 5	3,858 17 8	1,791 10 0	140 2 8	698 0 0	6,488 10 4	64,747 4 4	460 18 2	..	338 4 1	..	..
9. Chelsea–Frankston	32,216 4 5	422,714 16 4	17,570 18 2	4,402 9 2	344 12 2	6,122 0 0	28,439 19 6	408,813 3 0	3,776 4 11	..	23,090 5 7	..	9,188 12 3
10. Cobden	2,254 6 5	18,503 18 4	1,337 12 8	424 4 8	174 16 9	177 0 0	2,113 14 1	18,833 19 0	140 12 4	..	..	330 0 8	..
11. Cranbourne	499 18 1	14,955 17 8	557 8 7	19 10 8	..	139 0 0	715 19 3	14,262 11 11	..	216 1 2	1,231 14 10	..	538 9 1
12. Culgoa	238 10 1	10,133 0 2	316 11 9	74 1 4	..	18 0 0	408 13 1	10,415 10 1	..	170 3 0	..	282 9 11	..
13. Dandenong–Springvale	25,253 17 0	357,043 18 1	16,156 17 8	5,348 9 4	..	7,819 0 0	29,324 7 0	326,113 6 7	..	4,070 10 0	34,532 10 1	..	3,601 18 7
14. Dimboola	2,810 12 10	78,313 5 0	1,825 17 9	358 2 0	..	1,355 0 0	3,538 19 9	77,628 12 3	..	728 6 11	684 12 9	..	..
15. Dromana–Portsea	16,448 6 2	104,305 18 0	9,016 10 10	141 0 9	12 1 1	4,597 0 0	13,766 12 8	79,133 3 6	2,681 13 6	..	25,172 14 6	..	..
16. Jeparit	1,026 10 9	33,310 15 3	811 3 8	186 18 10	..	639 0 0	1,637 2 6	32,988 7 3	..	610 11 9	322 8 0	..	..
17. Longwarry	1,480 18 2	14,817 12 9	524 17 6	302 16 0	23 14 9	397 0 0	1,248 8 3	12,429 10 2	232 9 11	..	2,388 2 7	..	..
18. Marnoo	152 15 10	7,994 4 11	171 17 1	44 6 4	..	183 0 0	399 3 5	7,718 3 6	..	246 7 7	276 1 5	..	..
19. Merbein	2,511 5 8	47,067 10 4	2,407 17 2	133 5 1	..	137 0 0	2,678 2 3	48,606 0 7	..	166 16 7	..	1,028 0 2	510 10 1
20. Minyip	640 10 2	32,179 16 2	727 16 1	101 2 2	..	75 0 0	903 18 3	32,315 0 9	..	263 8 1	..	135 4 7	..
21. Mornington	7,093 15 0	132,305 5 9	5,030 14 2	1,736 2 7	..	1,737 0 0	8,503 16 9	121,772 0 0	..	1,410 1 9	10,533 5 9	..	..
22. Natimuk	454 2 1	19,842 9 4	324 17 1	134 3 5	..	250 0 0	709 0 6	19,927 5 7	..	254 18 5	..	84 16 3	..
23. Pakenham	1,853 15 6	29,677 17 1	1,056 13 0	316 4 7	..	513 0 0	1,885 17 7	26,436 3 3	..	32 2 1	3,241 13 10	..	..
24. Pimpinio	3 17 8	24 10 6	11 4 10	..	..	..	11 4 10	31 16 2	..	7 7 2	..	7 5 8	..
25. Pyramid Hill	656 6 11	14,711 5 11	397 5 6	42 12 4	..	339 0 0	778 17 10	13,802 3 1	..	122 10 11	909 2 10	..	..
26. Queenscliff–Point Lonsdale	5,187 10 4	68,183 10 0	3,573 5 3	531 2 9	..	1,127 0 0	5,231 8 0	75,880 15 1	..	43 17 8	..	7,697 5 1	..
27. Rainbow	1,091 14 11	40,893 4 0	969 4 0	248 7 4	..	598 0 0	1,815 11 4	37,377 19 5	..	723 16 5	3,515 4 7	..	..
28. Rupanyup	871 8 10	29,453 9 4	690 7 6	136 12 6	..	127 0 0	954 0 0	29,571 2 1	..	82 11 2	..	117 12 9	..
29. Somerville	491 3 6	10,268 19 2	349 13 8	151 9 6	..	82 0 0	583 3 2	9,633 5 8	..	91 19 8	635 13 6	..	..
30. South Frankston	3,897 19 4	60,352 6 5	2,435 19 6	844 10 6	..	1,076 0 0	4,356 10 0	55,512 3 1	..	458 10 8	4,840 3 4	..	..
31. Terang	4,870 2 6	41,347 11 9	2,575 18 8	920 10 8	72 5 8	545 0 0	4,113 15 0	41,074 5 5	756 7 6	..	273 6 4	..	..
32. Watchem	488 4 10	12,310 13 4	547 11 9	4 1 1	..	35 0 0	586 12 10	12,684 17 7	..	98 8 0	..	233 7 1	140 17 2
Totals	125,964 9 1	1,749,251 5 1	77,833 14 1	18,802 19 1	792 12 7	30,043 0 0	127,472 5 9	1,656,844 14 4	8,843 15 5	10,351 12 1	116,996 7 10	10,392 11 3	14,197 5 10

The Districts set out hereunder are those whose works will not produce sufficient revenue to cover the expense of the maintenance and management thereof, and where water supplies are being continued by direction of the Governor in Council. The annual amount of loss resulting from the maintenance and management of these districts has been transferred to the "Revenue Expenditure Chargeable to the State Account." (By authority of Orders in Council, dated 30th July, 1938, 9th December, 1940, 18th December, 1944, 23rd October, 1945, and 24th April, 1946, under the provisions of Section 6, *Water Act* 1937, No. 4513.)

33. Anglesea	887 0 10	8,152 3 3	787 5 10	0 17 9	..	101 0 0	889 3 7	10,487 9 5	..	2 2 9	..	..	2,335 6 2
34. Beulah	533 19 6	21,060 19 1	751 1 11	0 1 7	..	423 0 0	1,174 3 6	21,357 4 5	..	640 4 0	..	..	296 5 4
35. Birchip	1,500 12 8	40,053 12 10	1,989 5 4	..	..	84 0 0	2,073 5 4	43,738 14 11	..	572 12 8	..	564 5 4	3,120 16 9
36. Bittern	134 18 11	4,069 1 10	275 5 0	0 9 4	..	43 0 0	318 14 4	4,316 8 0	..	183 15 5	..	..	247 6 2
37. Bunyip	619 18 4	9,040 6 3	288 6 3	0 15 8	0 1 4	288 0 0	577 3 3	7,868 15 6	42 15 1	..	1,645 12 6	..	474 1 9
38. Carwarp	24 15 3	920 6 2	69 9 6	..	..	16 0 0	85 9 6	1,533 16 2	..	60 14 3	..	318 7 11	295 2 1
39. Chillingollah	78 2 7	3,332 6 7	151 18 2	..	..	8 0 0	159 18 2	4,484 9 1	..	81 15 7	..	682 4 6	469 18 0
40. Chinkapook	136 4 0	3,695 13 3	243 8 8	..	..	8 0 0	251 8 8	4,846 18 9	..	115 4 8	..	68 7 0	1,082 18 6
41. Crib Point	664 2 7	11,809 9 5	474 10 7	75 9 4	..	167 0 0	716 19 11	12,118 1 5	..	52 17 4	..	..	308 12 0
42. Dooen	62 1 11	800 14 10	21 17 7	0 10 2	0 1 0	11 0 0	33 8 9	788 14 8	28 13 2	..	142 4 11	..	130 4 9
43. Drysdale	664 17 1	8,880 7 6	697 12 9	1 2 10	..	176 0 0	874 15 7	8,667 3 0	..	209 18 6	540 0 7	..	326 16 1
44. Garfield	471 4 4	7,200 14 1	201 6 5	0 16 4	0 1 4	139 0 0	341 4 1	6,536 1 5	130 0 3	..	1,045 18 3	..	381 5 7
45. Hastings	692 6 5	10,194 17 11	500 2 3	0 3 9	..	182 0 0	682 6 0	10,756 5 10	10 0 5	..	..	..	561 7 11
46. Hopetoun	1,126 4 7	32,942 16 7	1,256 10 10	0 14 3	..	811 0 0	2,068 5 1	32,948 9 0	..	942 0 6	574 10 5	..	580 2 10
47. Jung Jung	190 0 7	5,227 10 0	531 12 8	0 1 0	..	45 0 0	576 13 8	7,051 3 5	..	386 13 1	..	20 1 0	1,803 12 5
48. Koondrook	800 14 0	16,621 9 11	754 5 7	..	..	64 0 0	818 5 7	20,133 9 10	..	17 11 7	..	195 2 9	3,316 17 2
49. Lake Boga	650 17 6	16,386 9 0	1,105 8 5	2 17 4	..	68 0 0	1,176 5 9	20,562 17 2	..	525 8 3	..	404 7 6	3,772 0 8
50. Lalbert	190 17 5	8,244 16 3	233 15 6	2 19 2	..	42 0 0	278 14 8	9,870 12 1	..	87 17 3	..	350 14 8	1,275 1 2
51. Lascelles	228 6 11	6,459 13 11	258 9 4	0 10 2	..	21 0 0	279 19 6	7,203 12 9	..	51 12 7	..	30 4 4	713 14 6
52. Manangatang	468 11 1	14,363 13 8	659 6 6	54 1 6	..	33 0 0	746 8 0	15,623 0 8	..	277 16 11	..	..	1,259 7 0
53. Meringur	97 17 8	2,581 1 5	191 11 11	0 2 7	..	13 0 0	204 14 6	3,430 7 1	..	106 16 10	..	131 15 6	717 10 2
54. Mitiamo	241 2 0	1,351 9 2	536 14 3	..	..	39 0 0	575 14 3	3,403 2 2	..	334 12 3	..	..	2,051 13 0
55. Nandaly	119 19 10	3,031 9 6	177 9 8	0 1 11	..	9 0 0	186 11 7	3,738 7 7	..	66 11 9	..	51 4 2	655 13 11
56. Newstead	853 9 2	10,144 17 6	1,090 10 8	58 6 5	..	56 0 0	1,204 17 1	12,726 13 11	..	351 7 11	..	36 15 8	2,545 0 9
57. Nullawil	175 8 7	5,031 5 8	162 4 5	9 5 9	..	10 0 0	181 10 2	5,205 17 8	..	6 1 7	..	..	174 12 0
58. Nyah	249 12 10	4,368 18 10	371 0 1	..	..	131 0 0	502 0 1	4,607 15 0	..	252 7 3	..	190 13 4	48 2 10
59. Nyah West	809 16 3	19,407 13 8	810 3 10	..	..	566 0 0	1,376 3 10	18,948 19 8	..	566 7 7	458 14 0	..	..
60. Ouyen	2,623 15 4	62,814 13 11	3,118 17 5	1 16 5	..	111 0 0	3,231 13 10	64,529 16 8	..	607 18 6	..	..	1,715 2 9
61. Patchewollock	211 18 3	4,840 14 7	374 8 4	0 1 0	..	117 0 0	491 9 4	5,133 14 7	..	279 11 1	..	..	293 0 0
62. Piangil	252 8 6	10,160 10 3	415 2 7	..	..	52 0 0	467 2 7	11,265 1 5	..	214 14 1	..	..	1,104 11 2
63. Portarlington	1,011 18 6	10,604 19 7	890 3 4	2 6 8	..	310 0 0	1,202 10 0	15,739 6 9	..	190 11 6	..	101 9 6	5,032 17 8
64. Quambatook	506 0 7	9,275 14 5	531 4 2	0 1 11	..	293 0 0	824 6 1	9,376 2 8	..	318 5 6	..	..	100 8 3
65. Sea Lake	1,063 16 4	34,008 3 8	1,236 14 7	50 13 6	..	275 0 0	1,562 8 1	34,483 14 2	..	498 11 9	..	..	475 10 6
66. Speed	137 1 6	3,426 7 10	248 17 7	0 0 7	..	19 0 0	267 18 2	4,053 0 0	..	130 16 8	..	217 12 5	408 19 9
67. Tempy	113 16 2	3,468 2 9	186 3 3	0 10 8	..	17 0 0	203 13 11	4,058 18 7	..	89 17 9	..	47 13 2	543 2 8
68. Torquay	2,045 17 2	16,098 10 6	1,220 19 5	4 6 3	0 15 4	125 0 0	1,351 1 0	17,539 12 5	694 16 2	..	314 5 8	..	1,755 7 7
69. Ultima	362 19 3	15,195 10 0	754 19 11	0 10 5	..	36 0 0	791 10 4	17,141 15 10	..	428 11 1	..	245 10 3	1,700 15 7
70. Waitchie	35 19 6	1,806 0 6	98 1 10	..	..	18 0 0	116 1 10	3,744 12 1	..	80 2 4	..	623 5 11	1,315 5 8
71. Walpeup	210 3 3	3,317 16 6	333 6 10	0 14 6	..	13 0 0	347 1 4	3,709 5 6	..	136 18 1	..	..	391 8 6
72. Werrimull	352 5 4	7,003 9 7	456 17 2	0 1 0	..	42 0 0	498 18 2	8,161 5 8	..	146 12 10	..	150 10 8	1,007 5 5
73. Wonthaggi	5,356 7 8	172,248 15 3	5,245 4 0	300 10 5	..	3,464 0 0	9,009 14 5	171,579 15 0	..	3,653 6 9	669 0 3	..	..
74. Woomelang	609 19 11	24,140 13 9	640 19 1	0 9 2	..	265 0 0	906 8 3	24,706 16 4	..	296 8 4	238 18 10	..	805 1 5
75. Woorinen	326 11 8	4,479 7 8	275 2 0	19 5 2	1 10 9	16 0 0	311 17 11	4,908 14 7	14 13 9	..	..	305 3 1	124 3 10
76. Wycheproof	1,304 19 6	34,815 11 4	1,267 6 10	..	..	143 0 0	1,410 6 10	36,234 17 2	..	105 7 4	..	151 3 3	1,268 2 7
77. Yaapeet	94 10 8	2,719 17 9	184 13 5	0 2 3	..	18 0 0	202 15 8	3,196 12 5	..	108 5 0	..	151 18 5	324 16 3
Totals	29,293 11 11	695,798 17 11	32,069 15 8	590 16 9	2 9 9	8,888 0 0	41,551 2 2	742,517 11 11	920 18 10	13,178 9 1	5,629 5 5	5,038 10 4	47,309 9 1
Grand Totals	155,258 1 0	2,445,050 3 0	109,903 9 9	19,393 15 10	795 2 4	38,931 0 0	169,023 7 11	2,399,362 6 3	9,764 14 3	23,530 1 2	122,625 13 3	15,431 1 7	61,506 14 11

URBAN DISTRICTS

PROFIT AND LOSS ACCOUNT FOR FINANCIAL YEAR 1950-51.

STATEMENT of Revenue Assessment (inclusive of Rate, Water Sales, Interest, and Miscellaneous) and Expenditure (Inclusive of Debits for Urban Water), Interest, Depreciation, and Redemption charged and Amounts Written Off.

District.	Revenue Assessment.	Expenditure.						Profit and Loss.						
		Operating Costs.	Interest.	Depreciation.	Redemption.	Amounts Written Off.	Total.	Excess— (Cr.) Assessment. (Dr.) Expenditure for Year.	Revenue Due for Previous Years Written Off.	Adjustments to Revenue for Years prior to 1950–51. (A) Loss. (B) Gain.	Interest and other Losses prior to 30th June, 1938, Borne by State. (Act No. 5017.)	Loss since 30th June, 1938.	Gain as at 30th June, 1951.
	£ s. d.	£ s. d.	£ s. d.	£ s. d.	£ s. d.	£ s. d.	£ s. d.		£ s. d.	£ s. d.	£ s. d.	£ s. d.	£ s. d.
1. Allansford	444 5 0	222 10 5	26 10 11	23 0 0	2 1 11	0 10 0	274 13 3	(Cr.) 169 11 9	..	(B) 0 7 0	..	..	260 14 9
2. Antwerp	56 2 6	74 18 9	8 10 5	2 0 0	0 13 6	..	86 2 8	(Dr.) 30 0 2	..	..	..	..	109 14 8
3. Barwon Heads and Ocean Grove	3,462 8 2	1,763 4 6	261 13 7	564 0 0	20 15 8	..	2,609 13 9	(Cr.) 852 14 5	3 14 10	(B) 2 10 0	..	..	3,450 7 9
4. Berriwillock	336 6 1	465 14 11	0 2 2	16 0 0	0 1 5	2 12 6	484 11 0	(Dr.) 148 4 11	3 11 3	..	216 18 8	..	87 14 7
5. Berwick	1,609 8 7	1,031 19 11	101 9 7	265 0 0	8 1 3	..	1,406 10 9	(Cr.) 202 17 10	..	(A) 246 0 0*	..	..	2,413 1 9
6. Birregurra	739 10 8	677 11 0	..	111 0 0	..	..	788 11 0	(Dr.) 49 0 4	..	..	..	324 3 3	..
7. Brim	322 0 1	350 13 1	10 18 10	31 0 0	0 18 7	..	393 10 6	(Dr.) 71 10 5	..	..	..	..	342 19 7
8. Camperdown	6,943 10 5	3,858 17 8	1,791 10 0	698 0 0	140 2 8	..	6,488 10 4	(Cr.) 455 0 1	..	..	..	..	739 0 8
9. Chelsea–Frankston	33,685 14 3	17,570 18 2	4,402 9 2	3,839 0 0	344 12 2	1 10 5	26,158 9 11	(Cr.) 7,527 4 4	3 17 7	(A) 2,283 0 0*	9,188 12 3	..	28,065 18 2
10. Cobden	1,981 12 0	1,337 12 8	424 4 8	177 0 0	32 17 4	..	1,971 14 8	(Cr.) 9 17 4	..	..	..	211 18 5	..
11. Cranbourne	581 14 4	557 8 7	19 10 8	72 0 0	1 12 10	..	650 12 1	(Dr.) 68 17 9	..	(A) 67 0 0*	538 9 1	..	1,352 19 5
12. Culgoa	240 2 2	316 11 9	74 1 4	18 0 0	5 15 2	0 10 0	414 18 3	(Dr.) 174 16 1	3 1 10	..	..	313 5 6	..
13. Dandenong–Springvale	28,816 12 1	16,156 17 8	5,348 9 4	3,625 0 0	416 6 2	..	25,546 13 2	(Cr.) 3,269 18 11	20 3 0	(A) 4,194 0 0*	3,601 18 7	..	40,994 18 2
14. Dimboola	2,677 6 9	1,825 17 9	358 2 0	155 0 0	27 19 9	..	2,366 19 6	(Cr.) 310 7 3	..	(A) 1,205 0 0*	..	..	1,423 1 1
15. Dromana–Portsea	16,115 15 5	9,016 10 10	141 0 9	2,069 0 0	12 1 1	8 13 4	11,247 6 0	(Cr.) 4,868 9 5	57 8 0	(A) 2,528 0 0*	..	..	27,562 4 8
16. Jeparit	1,072 18 7	811 3 8	186 18 10	39 0 0	14 17 0	..	1,051 19 6	(Cr.) 20 19 1	2 14 10	(A) 600 0 0*	..	..	596 5 0
17. Longwarry	1,434 3 10	524 17 6	302 16 0	154 0 0	23 14 9	..	1,005 8 3	(Cr.) 428 15 7	0 17 8	(A) 243 0 0*	..	..	2,611 16 1
18. Marnoo	256 13 7	171 17 1	44 6 4	33 0 0	3 11 0	..	252 14 5	(Cr.) 3 19 2	..	(A) 150 0 0*	..	..	428 7 4
19. Merbein	2,673 13 4	2,272 17 2	133 5 1	137 0 0	10 17 0	0 15 0	2,554 14 3	(Cr.) 118 19 1	..	(A) 135 0 0	510 10 1	320 19 10	..
20. Minyip	760 3 2	727 16 1	101 2 2	75 0 0	8 1 8	..	911 19 11	(Dr.) 151 16 9	..	..	..	..	82 16 1
21. Mornington	7,353 3 3	5,030 14 2	1,736 2 7	1,226 0 0	135 15 0	..	8,128 11 9	(Dr.) 775 8 6	1 6 8	(A) 511 0 0*	..	..	11,978 19 11
22. Natimuk	435 18 6	324 17 1	134 3 5	50 0 0	10 7 2	..	519 7 8	(Dr.) 83 9 2	..	(A) 200 0 0*	..	19 4 10	..
23. Pakenham	2,221 7 9	1,056 13 0	316 4 7	180 0 0	24 19 1	..	1,577 16 8	(Cr.) 643 11 1	5 0 0	(A) 333 0 0*	..	..	3,635 19 11
24. Pimpinio	7 2 2	11 4 10	..	..	..	..	11 4 10	(Dr.) 4 2 8	..	..	..	4 5 9	..
25. Pyramid Hill	606 17 5	397 5 6	42 12 4	39 0 0	3 9 0	0 7 4	482 14 2	(Cr.) 124 3 3	..	(A) 300 0 0*	..	..	941 16 3
26. Queenscliff–Pt. Lonsdale	5,470 10 9	3,573 5 3	531 2 9	1,127 0 0	42 2 8	..	5,273 10 8	(Cr.) 197 0 1	10 6 6	..	..	6,206 0 8	..
27. Rainbow	1,143 13 6	969 4 0	248 7 4	48 0 0	19 10 6	0 5 0	1,285 6 10	(Dr.) 141 13 4	1 6 4	(A) 550 0 0* (B) 7 10 0	..	..	3,773 13 5
28. Rupanyup	1,025 17 6	690 7 6	136 12 6	57 0 0	10 17 2	..	894 17 2	(Cr.) 131 0 4	..	(A) 70 0 0*	..	..	132 10 10
29. Somerville	486 15 4	349 13 8	151 9 6	82 0 0	11 15 10	..	594 19 0	(Dr.) 108 3 8	..	..	..	..	635 7 11
30. South Frankston	4,336 10 0	2,435 19 6	844 10 6	523 0 0	66 8 10	..	3,869 18 10	(Cr.) 466 11 2	..	(A) 553 0 0*	..	..	5,440 6 3
31. Terang	4,933 6 7	2,575 18 8	920 10 8	545 0 0	72 5 8	1 3 4	4,114 18 4	(Cr.) 818 8 3	17 2 0	..	..	..	554 9 9
32. Watchem	480 1 0	547 11 9	4 1 1	35 0 0	0 8 0	9 5 6	596 6 4	(Dr.) 116 5 4	2 19 9	..	140 17 2	229 12 1	..
Total	132,711 4 9	77,698 14 1	18,802 19 1	16,015 0 0	1,472 19 10	25 12 5	114,015 5 5	(Cr.) 20,619 8 5 (Dr.) 1,923 9 1	133 10 3	(A) 14,168 0 0 (B) 10 7 0	14,197 5 10	7,629 10 4	137,615 4 0

The Districts set out hereunder are those whose works will not produce sufficient revenue to cover the expense of the maintenance and management thereof, and where water supplies are being continued by direction of the Governor in Council. The annual amount of loss resulting from the maintenance and management of these districts has been transferred to "Revenue Expenditure Chargeable to the State Account". (By Authority of Orders in Council dated 30th July, 1938, 9th December, 1940, 18th December, 1940, 23rd October, 1944, 23rd October, 1945, and 24th April, 1946, under the provisions of Section 6, *Water Act* 1937, No. 4513.)

33. Anglesea	928 16 5	787 5 10	0 17 9	101 0 0	0 1 6	..	889 5 1	(Cr.)	39 11 4	..	..	1,638 15 9	587 15 3	..		
34. Beulah	595 15 3	751 1 11	0 1 7	23 0 0	..	..	774 3 6	(Dr.)	178 8 3	9 4 8	(A) 400 0 0*	96 18 2	..	168 1 4		
35. Birchip	1,482 19 4	1,989 5 4	..	84 0 0	..	..	2,073 5 4	(Dr.)	590 6 0	6 14 7	(B) 0 2 5	873 6 5	2,737 18 3	..		
36. Bittern	134 3 1	275 5 0	0 9 4	43 0 0	0 1 0	..	318 15 4	(Dr.)	184 12 3	..	..	..	204 3 9	..		
37. Bunyip	627 4 0	288 6 3	0 15 8	110 0 0	0 1 4	..	399 3 3	(Cr.)	228 0 9	2 8 8	(A) 178 0 0*	474 1 9	..	1,829 10 9		
38. Carwarp	59 7 3	69 9 6	..	6 0 0	..	..	75 9 6	(Dr.)	16 2 3	..	{(A) 10 0 0*} {(B) 0 5 6}	..	..	275 12 7		
39. Chillingollah	158 8 8	151 18 2	..	8 0 0	..	..	159 18 2	(Dr.)	1 9 6	..	..	218 18 1	98 13 11	..		
40. Chinkapook	144 1 1	243 8 8	..	8 0 0	..	..	251 8 8	(Dr.)	107 7 7	..	(B) 12 1 3	157 15 3	917 5 9	..		
41. Crib Point	717 9 11	474 10 7	75 9 4	159 0 0	6 0 3	..	715 0 2	(Cr.)	2 9 9	..	(A) 8 0 0*	..	..	147 9 9		
42. Dooen	45 6 11	21 17 7	0 10 2	11 0 0	0 1 0	..	33 8 9	(Cr.)	11 18 2	..	..	130 4 9	..	154 10 11		
43. Drysdale	805 15 1	697 12 9	1 2 10	176 0 0	0 1 11	..	874 17 6	(Dr.)	69 2 5	3 0 0	..	326 16 1	..	930 3 7		
44. Garfield	555 17 8	201 6 5	0 16 4	45 0 0	0 1 4	..	247 4 1	(Cr.)	308 13 7	5 7 11	(A) 94 0 0*	381 5 7	..	1,150 14 9		
45. Hastings	749 5 9	500 2 3	0 3 9	182 0 0	..	..	682 6 0	(Cr.)	66 19 9	..	..	448 13 9	..	3 8 6		
46. Hopetoun	1,194 7 8	1,256 10 10	0 14 3	61 0 0	0 1 2	..	1,318 6 3	(Dr.)	123 18 7	1 4 1	(A) 750 0 0*	580 2 10	..	855 10 4		
47. Jung Jung	235 0 0	531 12 8	0 1 0	45 0 0	..	..	576 13 8	(Dr.)	341 13 8	..	..	540 2 11	1,225 8 8	..		
48. Koondrook	811 17 1	754 5 7	..	64 0 0	..	10 3 0	828 8 7	(Dr.)	16 11 6	..	..	408 17 3	2,816 14 2	..		
49. Lake Boga	675 14 11	1,105 8 5	2 17 4	68 0 0	0 4 9	..	1,176 10 6	(Dr.)	500 15 7	..	..	558 14 5	3,371 7 3	..		
50. Lalbert	247 18 9	233 15 6	2 19 2	42 0 0	0 6 9	..	279 1 5	(Dr.)	31 2 8	..	..	43 8 7	1,390 14 2	..		
51. Lascelles	235 18 2	258 9 4	0 10 2	21 0 0	0 1 0	..	280 0 6	(Dr.)	44 2 4	16 18 8	..	411 15 11	253 13 0	..		
52. Manangatang	491 2 5	659 6 6	54 1 6	33 0 0	4 6 6	..	750 14 6	(Dr.)	259 12 1	..	..	..	1,067 4 3	..		
53. Meringur	96 16 10	191 11 11	0 2 7	13 0 0	..	..	204 14 6	(Dr.)	107 17 8	..	..	..	387 9 6	..		
54. Mitiamo	241 17 4	536 14 3	..	39 0 0	..	..	575 14 3	(Dr.)	333 16 11	..	..	..	2,044 7 7	..		
55. Nandaly	115 4 2	177 9 8	0 1 11	9 0 0	..	3 10 6	190 2 1	(Dr.)	74 17 11	3 1 5	..	..	689 10 6	..		
56. Newstead	854 12 10	1,090 10 8	58 6 5	56 0 0	4 11 1	..	1,209 8 2	(Dr.)	354 15 4	..	..	..	2,620 13 7	..		
57. Nullawil	167 1 8	162 4 5	9 5 9	10 0 0	0 15 10	..	182 6 0	(Dr.)	15 4 4	7 12 1	..	..	147 7 8	..		
58. Nyah	259 9 5	355 0 1	..	31 0 0	..	..	386 0 1	(Dr.)	126 10 8	..	(A) 116 0 0*	48 2 10	122 12 5	..		
59. Nyah West	905 19 7	753 3 10	..	116 0 0	..	0 9 5	869 13 3	(Cr.)	36 6 4	0 6 11	(A) 507 0 0*	..	..	792 17 0		
60. Ouyen	2,766 4 7	3,118 17 5	1 16 5	111 0 0	0 4 7	..	3,231 18 5	(Dr.)	465 13 10	2 12 0	(A) 381 10 7*	..	1,379 14 6	..		
61. Patchewollock	239 17 2	374 8 4	0 1 0	17 0 0	..	..	391 9 4	(Dr.)	151 12 2	..	(A) 100 0 0*	..	..	93 7 1		
62. Piangil	290 15 0	415 2 7	..	52 0 0	..	..	467 2 7	(Dr.)	176 7 7	0 19 2	..	..	501 0 7	..		
63. Portarlington	1,125 5 4	890 3 4	2 6 8	310 0 0	0 3 11	..	1,202 13 11	(Dr.)	77 8 7	..	(B) 0 5 6	1,724 12 7	3,124 6 5	..		
64. Quambatook	465 3 1	531 4 2	0 1 11	43 0 0	..	21 16 7	596 2 8	(Dr.)	130 19 7	..	(A) 250 0 0*	..	78 0 11	..		
65. Sea Lake	1,101 13 0	1,236 14 7	50 13 6	75 0 0	4 2 2	..	1,366 10 3	(Dr.)	264 17 3	13 11 0	{(A) 200 0 0*} {(B) 7 13 0}	..	236 0 11	..		
66. Speed	148 14 6	248 17 7	0 0 7	19 0 0	..	..	267 18 2	(Dr.)	119 3 8	..	..	..	519 8 3	..		
67. Tempy	129 1 1	186 3 3	0 10 8	17 0 0	0 1 0	..	203 14 11	(Dr.)	74 13 10	14 0 11	..	..	238 13 2	..		
68. Torquay	2,093 3 0	1,220 19 5	4 6 3	125 0 0	0 7 8	..	1,350 13 4	(Cr.)	742 9 8	1 9 0	(B) 0 13 4	1,755 7 7	..	653 12 6		
69. Ultima	490 16 1	754 19 11	0 10 5	36 0 0	0 1 0	..	791 11 4	(Dr.)	300 15 3	0 17 0	(B) 1 13 2	..	1,388 9 0	..		
70. Waitchie	87 1 10	98 1 10	..	18 0 0	..	..	116 1 10	(Dr.)	29 0 0	..	..	498 8 2	318 18 8	..		
71. Walpeup	211 6 0	333 6 10	0 14 6	13 0 0	0 1 2	..	347 2 6	(Dr.)	135 16 6	..	(B) 0 19 0	..	295 1 11	..		
72. Werrimull	304 12 7	456 17 2	0 1 0	42 0 0	..	..	498 18 2	(Dr.)	194 5 7	3 2 6	(B) 16 1 8	284 19 8	258 5 2	..		
73. Wonthaggi	5,381 6 5	5,245 4 0	300 10 5	464 0 0	23 12 1	1 19 3	6,035 5 9	(Dr.)	653 19 4	3 6 8	{(A) 3,000 0 0*} {(B) 8 6 3}	..	..	2,195 4 5		
74. Woomelang	600 16 0	640 19 1	0 9 2	65 0 0	0 1 0	1 10 0	707 19 3	(Dr.)	107 3 3	4 15 5	(A) 200 0 0*	805 1 5	..	270 2 3		
75. Woorinen	338 13 2	275 2 0	19 5 2	16 0 0	1 10 9	1 4 2	313 2 1	(Cr.)	25 11 1	18 19 6	..	..	304 11 4	..		
76. Wycheproof	1,302 19 6	1,267 6 10	..	143 0 0	..	2 10 0	1,412 16 10	(Dr.)	109 17 4	10 19 7	(B) 0 6 8	..	1,336 8 9	..		
77. Yaapeet	104 11 10	184 13 5	0 2 3	18 0 0	..	1 10 0	204 5 8	(Dr.)	99 13 10	0 2 3	..	..	299 9 10	..		
Totals	30,719 11 5	31,996 15 8	590 16 9	3,148 0 0	47 0 9	44 12 11	35,827 6 1	{(Cr.) 1,462 0 5} {(Dr.) 6,569 15 1}		130 14 0	{(A) 6,194 10 7} {(B) 48 7 9}	12,406 9 9	30,961 9 1	9,520 5 9		
Grand Totals	163,430 16 2	109,695 9 9	19,393 15 10	19,163 0 0	1,520 0 7	70 5 4	149,842 11 6	{(Cr.) 22,081 8 10} {(Dr.) 8,493 4 2}		264 4 3	{(A)20,362 10 7*} {(B) 58 14 9}	26,603 15 7	38,590 19 5	147,135 9 9		

* Includes Special Depreciation charged against previous years, £20,149 10s. 7d.

FLOOD PROTECTION DISTRICTS.

CASH ACCOUNT.

STATEMENT of Moneys received and disbursed from 1st July, 1920, to 30th June, 1951, also of Interest and Depreciation charged for Financial Year 1950–51.

District.	Receipts.		Expenditure.					Excess Receipts over Expenditure 1950–51.	Excess Expenditure over Receipts 1950–51.	Accumulated.		
			Year ended 30th June, 1951.									
	Receipts Year Ended 30th June, 1951.	**Total 1920 to 30th June, 1951.**	Operating Costs.	Interest.	Depreciation.	Total.	**Total 1920 to 30th June, 1951.**			Surplus credited to District Account, at 30th June, 1951.	Deficiency chargeable to District Account at 30th June, 1951.	Deficiency chargeable to State Account at 30th June, 1951.
	£ s. d.	£ s. d.	£ s. d.	£ s. d.	£ s. d.	£ s. d.	£ s. d.	£ s. d.	£ s. d.	£ s. d.	£ s. d.	£ s. d.
1. Cardinia	4,110 12 5	65,727 14 6	4,915 3 4	..	18 0 0	4,933 3 4	80,730 2 10	..	822 10 11	..	11,698 9 2	3,303 19 2
2. Kanyapella	117 5 8	6,782 3 8	69 16 10	..	5 0 0	74 16 10	4,998 7 1	42 8 10	..	1,783 16 7	..	..
3. Loch Garry	404 11 9	21,391 0 9	417 1 6	..	11 0 0	428 1 6	18,152 13 7	..	23 9 9	3,238 7 2	..	..
4. Lower Kŏo-wee-rup ..	8,058 12 11	127,203 5 6	9,243 19 5	..	58 0 0	9,301 19 5	146,854 0 10	..	1,243 6 6	..	11,701 13 8	7,949 1 8
Totals	12,691 2 9	221,104 4 5	14,646 1 1	..	92 0 0	14,738 1 1	250,735 4 4	42 8 10	2,089 7 2	5,022 3 9	23,400 2 10	11,253 0 10

FLOOD PROTECTION DISTRICTS.

PROFIT AND LOSS ACCOUNT FOR FINANCIAL YEAR 1950-51.

STATEMENT of Revenue Assessment (inclusive of Rate, Charge, Interest and Miscellaneous) and Expenditure, Interest and Depreciation charged, and Amounts Written Off.

District.	Revenue Assessment.	Expenditure.					Profit and Loss.						
		Operating Costs.	Interest.	Depreciation.	Amounts Written Off.	Total.	Excess Assessment over Expenditure.	Excess Expenditure over Assessment.	Revenue Due for Previous Years Written Off.	Adjustments of Revenue for Years Prior to 1950-51. (A) Loss. (B) Gain.	Interest and Other Losses Prior to 30th June, 1938, Borne by State. (Act No. 5017).	Loss since 30th June, 1938.	Gain as at 30th June, 1951.
	£ s. d.	£ s. d.	£ s. d.	£ s. d.	£ s. d.	£ s. d.	£ s. d.	£ s. d.	£ s. d.	£ s. d.	£ s. d.	£ s. d.	£ s. d.
1. Cardinia	4,042 3 0	5,290 3 4*	..	18 0 0	5 9	5,308 9 1	..	1,266 6 1	2 5 0	..	3,303 19 2	1,239 17 9	..
2. Kanyapella	129 19 0	69 16 10	..	5 0 0	..	74 16 10	55 2 2	..	..	..	..	..	1,862 14 1
3. Loch Garry	368 19 11	417 1 6	..	11 0 0	2 8	428 4 2	..	59 4 3	..	..	..	..	3,348 15 6
4. Lower Koo-wee-rup ..	8,226 0 1	9,243 19 5	..	58 0 0	8 15 10	9,310 15 3	..	1,084 15 2	47 13 9	(B) 1 1 6	7,949 1 8	10,553 11 0	..
Totals . ..	12,767 2 0	15,021 1 1*	..	92 0 0	9 4 3	15,122 5 4	55 2 2	2,410 5 6	49 18 9	(B) 1 1 6	11,253 0 10	11,793 8 9	5,211 9 7

* Includes Annual Contribution to Capitalized Maintenance on Four Bridges, £375.—Cardinia.

DRAINAGE DISTRICT.

CASH ACCOUNT.

STATEMENT of Moneys received and disbursed from 1st July, 1937, to 30th June, 1951; also of Depreciation charged for Financial Year 1950–51.

District.	Receipts.		Expenditure.				Excess Receipts over Expenditure, 1950–51.	Excess Expenditure over Receipts, 1950–51.	Accumulated.		
			Year Ended 30th June, 1951.								
	Receipts 1950–51.	Total, 1937, to 30th June, 1951.	Operating Costs.	Depreciation.	Total.	Total, 1937, to 30th June, 1951.			Surplus Credited to District Account at 30th June, 1951.	Deficiency Chargeable to District Account at 30th June, 1951.	Deficiency Chargeable to State Account at 30th June, 1951 (Inclusive of Column 9).
1.	2.	3.	4.	5.	6.	7.	8.	9.	10.	11.	12.
	£ s. d.	£ s. d.	£ s. d.	£ s. d.	£ s. d.	£ s. d.	£ s. d.	£ s. d.	£ s. d.	£ s. d.	£ s. d.
1. Carrum	6,129 11 0	29,446 11 0	5,299 6 1	12 0 0	5,311 6 1	30,183 17 4	818 4 11	..	..	737 6 4	..
Total	6,129 11 0	29,446 11 0	5,299 6 1	12 0 0	5,311 6 1	30,183 17 4	818 4 11	..	..	737 6 4	..

PROFIT AND LOSS ACCOUNT FOR FINANCIAL YEAR 1950–51.

STATEMENT of Revenue Assessment (inclusive of Rate, Interest, and Miscellaneous) and of Expenditure, Depreciation Charged and Amounts Written Off.

District.	Revenue Assessment.	Expenditure.				Profit and Loss.						
		Operating Costs.	Depreciation.	Amounts Written Off.	Total.	Excess Assessment over Expenditure.	Excess Expenditure over Assessment.	Revenue Due for Previous Years Written Off.	Adjustments to Revenue for Years Prior to 1950–51. (A) Loss. (B) Gain.	Interest and Other Losses Prior to 30th June, 1938 Borne by State. (Act No. 5017.)	Loss since 30th June, 1938.	Gain as at 30th June, 1951.
	£ s. d.	£ s. d.	£ s. d.	£ s. d.	£ s. d.	£ s. d.	£ s. d.	£ s. d.	£ s. d.	£ s. d.	£ s. d.	£ s. d.
1. Carrum	6,371 0 1	5,299 6 1	12 0 0	6 16 7	5,318 2 8	1,052 17 5	..	5 19 1	..	..	..	88 15 11
Total	6,371 0 1	5,299 6 1	12 0 0	6 16 7	5,318 2 8	1,052 17 5	..	5 19 1	..	..	..	88 15 11

SUMMARY OF CASH ACCOUNTS, 1950–51.

Works.	Receipts.		Expenditure.					(S) Excess Receipts over Expenditure; (D) Excess Expenditure over Receipts, 1950–51.	Accumulated Surplus or Deficiency at 30th June, 1951.	
			Year Ended 30th June, 1951.							
	Year Ended 30th June, 1951.	Total, 1906, to 30th June, 1951.	Operating Costs.	(A) Interest; (B) Redemption.	Depreciation.	Total.	Total, 1906 to 30th June, 1951.		(D) Chargeable; or (S) Credited to District Account.	Chargeable to State Account (Inclusive of Column 9).
1.	2.	3.	4.	5.	6.	7.	8.	9.	10.	11.
	£ s. d.	£ s. d.	£ s. d.	£ s. d.	£ s. d.	£ s. d.	£ s. d.	£ s. d.	£ s. d.	£ s. d.
Central Plant Workshops, Bendigo	15,261 1 8	29,588 14 11	29,334 7 9	(A) 529 1 10	1,245 0 0	31,108 9 7	78,185 0 9	(S) 77 3 1 (D) 15,924 11 0	(S) 122 8 7 (D) 48,718 14 5	..
Coliban System	71,133 15 6	2,057,742 19 5	81,860 0 3	(A) 9,693 2 3	8,178 0 0	99,731 2 6	3,035,972 3 7	(S) 672 13 8 (D) 29,270 0 8	(D) 15,371 13 9	962,857 10 5
Irrigation Districts—										
Pumping	174,541 17 7	2,580,915 9 3	213,264 7 4	..	21,167 0 0	234,431 7 4	3,045,448 11 10	(D) 59,889 9 9	(D) 90,012 7 11	374,520 14 8
Gravitation	352,524 17 1	7,485,966 11 3	445,490 12 2	..	6,667 0 0	452,157 12 2	8,225,428 17 7	(S) 2,956 12 8 (D) 102,589 7 9	(S) 65,883 10 10 (D) 267,509 19 1	537,835 18 1
Irrigation Urban Divisions	10,494 14 7	202,558 18 1	11,945 15 9	(A) 492 2 5 (B) 25 16 9	3,891 6 3	16,355 1 2	204,112 9 5	(S) 133 10 10 (D) 5,993 17 5	(S) 5,243 1 9 (D) 2,200 12 0	4,596 1 1
Waterworks Districts	234,211 17 2	4,884,049 11 11	348,411 0 5	(A) 7,841 16 0 (B) 562 3 8	17,242 0 0	374,057 0 1	7,363,506 0 6	(S) 10,651 12 0 (D) 150,496 14 11	(S) 55,788 9 7 (D) 265,169 9 8	2,270,075 8 6
Waterworks Urban Districts	155,258 1 0	2,445,050 3 0	109,903 9 9	(A) 19,393 15 10 (B) 795 2 4	38,931 0 0	169,023 7 11	2,399,362 6 3	(S) 9,764 14 3 (D) 23,530 1 2	(S) 122,625 13 3 (D) 15,431 1 7	61,506 14 11
Flood Protection Districts	12,691 2 9	221,104 4 5	14,646 1 1	..	92 0 0	14,738 1 1	250,735 4 4	(S) 42 8 10 (D) 2,089 7 2	(S) 5,022 3 9 (D) 23,400 2 10	11,253 0 10
Carrum Drainage District	6,129 11 0	29,446 11 0	5,299 6 1	..	12 0 0	5,311 6 1	30,183 17 4	(S) 818 4 11	(D) 737 6 4	..
Totals	1,032,246 18 4	19,936,423 3 3	1,260,155 0 7	(A) 37,949 18 4 (B) 1,383 2 9	97,425 6 3	1,396,913 7 11	24,632,934 11 7	(S) 25,117 0 3 (D) 389,783 9 10	(S) 254,685 7 9 (D) 728,551 7 7	4,222,645 8 6

SUMMARY OF PROFIT AND LOSS ACCOUNTS FOR FINANCIAL YEAR 1950–51.

Works.	Revenue Assessment.	Expenditure.						Profit and Loss.					
		Operating Costs.	Interest.	Depreciation.	Redemption.	Amounts Written Off.	Total.	Excess— (Cr.) Assessment. (Dr.) Expenditure for Year.	Revenue Due for Previous Years Written Off.	Adjustments to Revenue for Years prior to 1950–51. (A) Loss. (B) Gain.	Interest and Other Losses prior to 30th June, 1938, Borne by State. (Act No. 5017.)	Loss since 30th June, 1938.	Gain as at 30th June, 1951.
	£ s. d.	£ s. d.	£ s. d.	£ s. d.	£ s. d.	£ s. d.	£ s. d.	£ s. d.	£ s. d.	£ s. d.	£ s. d.	£ s. d.	£ s. d.
Central Plant Workshops, Bendigo	20,482 4 6	29,334 7 9	529 1 10	1,245 0 0	44 1 10	..	31,152 11 5	(Cr.) 77 3 1 (Dr.) 10,747 10 0	..	..	..	27,877 9 10	122 8 7
Coliban System ..	73,059 4 7	81,860 0 3	9,693 2 3	8,178 0 0	733 1 10	30 14 7	100,494 18 11	(Cr.) 677 12 6 (Dr.) 28,113 6 10	202 1 2	(A) 3 15 10 (B) 1 0 0	828,373 18 10	152,034 14 2	..
Irrigation Districts—													
Pumping ..	169,607 3 6	213,264 7 4	..	21,167 0 0	..	182 16 1	234,614 3 5	(Dr.) 65,006 19 11	263 6 8	(A) 1 5 5	142,937 14 11	303,777 17 7	..
Gravitation ..	366,260 11 8	445,932 10 8	..	6,667 0 0	..	6,816 15 3	459,416 5 11	(Cr.) 7,882 13 10 (Dr.) 101,038 8 1	513 14 7	(A) 92 5 9 (B) 947 8 3	529,255 8 2	226,725 15 10	94,490 14 11
Irrigation Urban Divisions	11,071 1 11	11,289 17 3	492 2 5	961 6 3	39 5 4	3 4 2	12,785 15 5	(Cr.) 121 5 9 (Dr.) 1,835 19 3	4 2 10	(A) 3,622 18 6 (B) 238 5 7	1,337 14 5	4,405 1 3	5,841 17 8
Waterworks Districts	219,688 18 8	348,411 0 5	7,841 16 0	13,103 0 0	609 17 4	1,680 4 10	371,645 18 7	(Cr.) 11,672 1 6 (Dr.) 163,629 1 5	18,446 7 11	(A) 27,057 12 7 (B) 261 13 1	677,688 8 2	1,826,856 1 4	55,022 9 3
Waterworks Urban Districts	163,430 16 2	109,695 9 9	19,393 15 10	19,163 0 0	1,520 0 7	70 5 4	149,842 11 6	(Cr.) 22,081 8 10 (Dr.) 8,493 4 2	264 4 3	(A) 20,362 10 7 (B) 58 14 9	26,603 15 7	38,590 19 5	147,135 9 9
Flood Protection Districts	12,767 2 0	15,021 1 1	..	92 0 0	..	9 4 3	15,122 5 4	(Cr.) 55 2 2 (Dr.) 2,410 5 6	49 18 9	(B) 1 1 6	11,253 0 10	11,793 8 9	5,211 9 7
Carrum Drainage District	6,371 0 1	5,299 6 1	..	12 0 0	..	6 16 7	5,318 2 8	(Cr.) 1,052 17 5	5 19 1	..	..	..	88 15 11
Totals ..	1,042,738 3 1	1,260,108 0 7*	37,949 18 4	70,588 6 3	2,946 6 11	8,800 1 1	1,380,392 13 2	(Cr.) 43,620 5 1 (Dr.) 381,274 15 2	19,749 15 3	(A) 51,140 8 8† (B) 1,508 3 2	2,217,450 0 11	2,592,061 8 2	307,913 5 8

* Includes £375 instalment on Capitalized Maintenance.

† Includes £50,137 3s. 2d. Depreciation charged against previous years.

DISTRICT BALANCE SHEETS AS AT 30TH JUNE, 1951.

District.	Liabilities.						Assets.					
	Capital borne by— (A) State. (B) District.	Redemption Account.	Depreciation Reserve Account.	Sundry Creditors.	Accumulated Deficiency Chargeable to— (A) State Account. (B) District Account.	Profit and Loss Account. Gain.	Works at Cost.	Water Supply Works Depreciation Fund.	Sundry Debtors.	Accumulated Surplus Credited to District Account.	Profit and Loss Account. Loss since 30th June, 1938.	Profit and Loss Account. Interest and Other Losses prior to 30th June, 1938, Borne by State. (Act No. 5017)
	£ s. d.	£ s. d.	£ s. d.	£ s. d.	£ s. d.	£ s. d.	£ s. d.	£ s. d.	£ s. d.	£ s. d.	£ s. d.	£ s. d.
CENTRAL PLANT WORKSHOPS.												
1. Bendigo	(A) 153,397 11 1 (B) 17,636 8 0	166 11 10	4,124 12 2	..	(B) 48,596 5 10	..	171,034 9 2	4,124 12 2	21,007 6 4	..	27,755 1 3	..
	£223,921 8s. 11d.						£223,921 8s. 11d.					
COLIBAN SYSTEM.												
1. Harcourt	(A) 17,099 16 1	232 18 6	159 15 5	..	(B) 448 8 1	..	17,332 14 7	159 15 5	7 9 3	..	440 18 10	..
Totals	(A) 17,099 16 1	232 18 6	159 15 5	..	(B) 448 8 1	..	17,332 14 7	159 15 5	7 9 3	..	440 18 10	..

The Districts set out hereunder are those whose works will not produce sufficient revenue to cover the expense of the maintenance and management thereof and where water supplies are being continued by direction of the Governor in Council. The annual amount of loss resulting from the maintenance and management of these districts has been transferred to the "Revenue Expenditure Chargeable to the State Account". (By authority of Orders in Council dated 8th November, 1943, 18th December, 1944, and 26th February, 1946, under the provisions of Section 6, *Water Act* 1937, No. 4513).

2. Axe Creek	(A) 4,931 4 5	..	..	0 16 0	(A) 207 0 6 (B) 983 8 1	..	4,931 4 5	..	43 9 2	..	1,147 15 5	..
3. Coliban	(A) 2,001,236 14 1 (B) 293,199 19 6	10,675 12 3	55,250 16 7	117 12 1	(A) 962,050 17 0 (B) 13,729 8 9	..	2,294,436 13 7	55,250 16 7	8,524 3 10	..	149,675 7 5	828,373 18 10
4. Marong	(A) 2,086 10 7 (B) 22 18 10	14 16 6	638 16 11	5 7 6	(A) 599 12 11 (B) 210 8 10	..	2,123 11 6	638 16 11	45 11 2	..	770 12 6	..
Totals	(A) 2,008,254 9 1 (B) 293,222 18 4	10,690 8 9	55,889 13 6	123 15 7	(A) 962,857 10 5 (B) 14,923 5 8	..	2,301,491 9 6	55,889 13 6	8,613 4 2	..	151,593 15 4	828,373 18 10
Grand Total ..	(A) 2,025,354 5 2 (B) 293,222 18 4	10,923 7 3	56,049 8 11	123 15 7	(A) 962,857 10 5 (B) 15,371 13 9	..	2,318,824 4 1	56,049 8 11	8,620 13 5	..	152,034 14 2	828,373 18 10
	£3,363,902 19s. 5d.						£3,363,902 19s. 5d.					

DISTRICT BALANCE-SHEETS AS AT 30TH JUNE, 1951.

District.	Liabilities.						Assets.					
	Capital borne by State.	Redemption Account.	Depreciation Reserve Account.	Sundry Creditors.	Accumulated Deficiency Chargeable to— (A) State Accont. (B) District Account.	Profit and Loss Account. Gain.	Works at Cost.	Water Supply Works Depreciation. Fund.	Sundry Debtors.	Accumulated Surplus Credited to District Account.	Profit and Loss Account. Loss since 30th June, 1938.	Profit and Loss Account. Interest and Other Losses prior to 30th June, 1938, Borne by State (Act No. 5017.)
	£ s. d.	£ s. d.	£ s. d.	£ s. d.	£ s. d.	£ s. d.	£ s. d.	£ s. d.	£ s. d.	£ s. d.	£ s. d.	£ s. d.
IRRIGATION DISTRICTS.												
1. Bacchus Marsh ..	187,856 3 3	968 9 4	315 4 11	3 10 0	(A) 21,170 8 3 (B) 14,215 2 3	..	188,824 12 7	315 4 11	605 6 9	..	13,613 5 6	21,170 8 3
2. Boort	277,653 9 3	215 13 8	531 19 0	4 7 9	(A) 1,620 15 3 (B) 39,048 4 3	..	277,869 2 11	531 19 0	545 0 1	..	38,507 11 11	1,620 15 3
3. Calivil	198,158 6 7	153 7 2	228 14 3	1 7 4	(A) 19,935 9 2	13,820 14 10	198,311 13 9	228 14 3	1,212 10 2	12,609 12 0	..	19,935 9 2
4. Campaspe	37,283 4 2	..	..	1 10 0	(A) 3,695 6 10	2,139 15 0	37,283 4 2	..	152 5 1	1,988 19 11	..	3,695 6 10
5. Central Gippsland (under construction)	980,286 12 11	..	..	..	..	..	980,286 12 11	..	..	..	..	..
6. Cohuna	858,826 14 7	4,025 5 5	340 5 4	30 15 7	(A) 15,145 0 10	14,301 10 11	862,852 0 0	340 5 4	4,913 1 6	9,419 5 0	..	15,145 0 10
7. Deakin	96,963 4 3	506 14 4	..	8 19 11	(A) 2,255 4 9	2,870 12 6	97,469 18 7	..	2,420 10 11	459 1 6	..	2,255 4 9
8. Dingee	93,474 1 2	198 0 9	165 11 8	1 7 0	(A) 4,766 11 5	3,030 12 7	93,672 1 11	165 11 8	420 8 11	2,611 10 8	..	4,766 11 5
9. Katandra	184,125 9 1	220 9 5	199 8 3	..	(A) 27,858 0 1	5,112 9 3	184,345 18 6	199 8 3	492 18 2	4,619 11 1	..	27,858 0 1
10. Kerang	387,872 11 7	1,110 12 9	132 16 1	7 9 10	(A) 3,766 6 2 (B) 5,306 9 5	..	388,983 4 4	132 16 1	4,223 1 4	..	1,090 17 11	3,766 6 2
11. Koondrook	484,930 17 8	1,307 4 9	..	4 4 6	(A) 52,391 9 8 (B) 11,372 3 10	..	486,238 2 5	..	4,427 0 9	..	6,949 7 7	52,391 9 8
12. Maffra-Sale	1,341,257 2 3	2,447 15 0	2,303 9 2	1 13 2	(A) 3,713 1 5 (B) 16,951 5 11	..	1,343,704 17 3	2,303 9 2	1,946 13 11	..	15,006 5 2	3,713 1 5
13. Murray Valley	2,832,353 2 7	136 0 0	738 15 5	41 10 7	..	28,525 10 1	2,832,489 2 7	738 15 5	8,602 12 3	19,964 8 5	..	..
14. Mystic Park	58,832 18 3	101 8 8	..	6 11 6	(A) 2,112 16 8 (B) 13,420 13 4	..	58,934 6 11	..	319 13 6	..	13,107 11 4	2,112 16 8
15. North Shepparton ..	370,919 6 5	1,052 13 5	466 11 1	..	(A) 42,760 2 0 (B) 320 7 7	148 12 8	371,971 19 10	466 11 1	469 0 3	..	..	42,760 2 0
16. Robinvale	513,230 11 4	..	18,614 10 7	..	(B) 31,521 8 0	..	513,230 11 4	18,614 10 7	515 9 0	..	31,005 19 0	..
17. Rochester	1,203,511 15 10	3,408 12 1	2,359 11 10	67 5 11	(A) 35,162 16 6	24,540 17 1	1,206,920 7 11	2,359 11 10	10,397 0 9	14,211 2 3	..	35,162 16 6
18. Rodney	1,570,573 12 10	2,342 14 3	2,930 6 1	23 14 3	(A) 86,159 15 7 (B) 26,808 3 7	..	1,572,916 7 1	2,930 6 1	12,407 9 5	..	14,424 8 5	86,159 15 7
19. Shepparton	499,529 2 6	899 3 8	1,556 7 6	1 7 1	(A) 60,912 11 9 (B) 14,001 16 10	..	500,428 6 2	1,556 7 6	807 6 8	..	13,195 17 3	60,912 11 9
20. South Shepparton ..	119,434 17 3	309 12 3	164 17 4	..	(A) 2,735 16 9 (B) 4,163 19 6	..	119,744 9 6	164 17 4	126 19 2	..	4,037 0 4	2,735 16 9
21. Swan Hill	485,681 18 6	1,033 7 8	9,351 14 10	162 2 6	(A) 6,236 10 6 (B) 43,658 18 7	..	486,715 6 2	9,351 14 10	5,511 5 5	..	38,309 15 8	6,236 10 6
22. Third Lake	51,602 3 9	82 3 11	..	1 0 0	(A) 2,439 2 2 (B) 2,165 10 9	..	51,684 7 8	..	396 16 3	..	1,769 14 6	2,439 2 2
23. Tongala-Stanhope ..	951,705 16 11	2,562 12 6	2,016 7 1	51 0 11	(A) 73,622 18 2 (B) 32,780 8 3	..	954,268 9 5	2,016 7 1	12,762 17 10	..	20,068 11 4	73,622 18 2
24. Tragowel Plains ..	786,667 12 6	1,461 1 9	1,150 5 6	10 1 6	(A) 42,840 6 8 (B) 32,164 4 11	..	788,128 14 3	1,150 5 6	3,756 7 7	..	28,417 18 10	42,840 6 8
25. Werribee	311,567 10 5	1,491 5 10	1,630 12 5	17 9 0	(A) 15,475 10 3 (B) 10,478 4 3	..	313,058 16 3	1,630 12 5	564 17 9	..	9,930 15 6	15,475 10 3
Totals	14,884,298 5 10	26,034 8 7	45,197 8 4	447 8 4	(A) 526,776 0 10 (B) 298,377 1 3	94,490 14 11	14,910,332 14 5	45,197 8 4	77,996 13 5	65,883 10 10	249,435 0 3	526,776 0 10

The Districts set out hereunder are those whose works will not produce sufficient revenue to cover the expense of the maintenance and management thereof, and where water supplies are being continued by direction of the Governor in Council. The annual amount of loss resulting from the maintenance and management of these districts has been transferred to the "Revenue Expenditure Chargeable to the State Account." (By authority of Orders in Council, dated 30th July, 1938, and 16th November, 1942, under the provisions of Section 6. *Water Act* 1937, No. 4513.)

26. Fish Point	39,921 12 7	..	..	0 5 11	(A) 11,059 17 3 (B) 654 5 10	..	39,921 12 7	..	938 7 1	..	8,296 14 7	2,479 7 4
27. Nyah	268,830 9 9	54 19 10	11,759 19 4	1 10 6	(A) 53,420 7 0 (B) 11,264 15 0	..	268,885 9 7	11,759 19 4	6,378 17 11	..	28,010 6 8	30,297 7 11
28. Redcliffs–Merbein ..	1,575,202 9 1	..	160,897 12 11	66 1 3	(A) 204,157 8 3 (B) 47,179 16 2	..	1,575,202 9 1	160,897 12 11	9,621 19 10	..	194,167 3 3	47,614 2 7
29. Tresco	124,013 17 2	..	6,471 4 10	44 15 1	(A) 116,942 19 5 (B) 46 8 9	..	124,013 17 2	6,471 4 10	1,413 10 2	..	50,594 8 8	65,026 4 5
Totals	2,007,968 8 7	54 19 10	179,128 17 1	112 12 9	(A) 385,580 11 11 (B) 59,145 5 9	..	2,008,023 8 5	179,128 17 1	18,352 15 0	..	281,068 13 2	145,417 2 3
Grand Totals ..	16,892,266 14 5	26,089 8 5	224,326 5 5	560 1 1	(A) 912,356 12 9 (B) 357,522 7 0	94,490 14 11	16,918,356 2 10	224,326 5 5	96,349 8 5	65,883 10 10	530,503 13 5	672,193 3 1
	£18,507,612 4 0						18,507,612 4 0					

DISTRICT BALANCE-SHEETS AS AT 30TH JUNE, 1951.

District.	Liabilities.						Assets.					
	Capital borne by—(A) State. (B) District.	Redemption Account.	Depreciation Reserve Account.	Sundry Creditors.	Accumulated Deficiency Chargeable to—(A) State Account. (B) District Account.	Profit and Loss Account. Gain.	Works at Cost.	Water Supply Works Depreciation Fund.	Sundry Debtors.	Accumulated Surplus Credited to District Account.	Profit and Loss Account. Loss since 30th June, 1938.	Profit and Loss Account. Interest and Other Losses prior to 30th June, 1938, Borne by State. (Act No. 5017.)
	£ s. d.	£ s. d.	£ s. d.	£ s. d.	£ s. d.	£ s. d.	£ s. d.	£ s. d.	£ s. d.	£ s. d.	£ s. d.	£ s. d.
URBAN DIVISIONS.												
1. Bacchus Marsh ..	(A) 4,925 8 10 (B) 9,974 14 0	359 7 0	1,340 11 0	1 6 11	(A) 928 14 10	3,143 2 9	15,259 9 10	1,340 11 0	214 8 0	2,930 1 8	..	928 14 10
2. Cohuna	(A) 6,695 19 11 (B) 3,160 3 8	202 3 4	1,829 8 7	0 8 5	..	1,386 8 3	10,049 19 3	1,829 8 7	260 3 8	1,135 0 8	..	..
3. Lockington	(A) 2,287 17 2 (B) 120 0 5	36 11 11	741 0 3	3 0 0	..	591 4 6	2,444 1 9	741 0 3	86 14 2	507 18 1	..	..
4. Macorna	(A) 1,487 18 0	..	43 0 10	..	(B) 328 4 2	..	1,487 18 0	43 0 10	8 6 8	..	319 17 6	..
5. Red Cliffs	(A) 21,247 11 7 (B) 1,624 2 5	261 14 2	2,581 18 2	6 1 5	(B) 1,211 10 8	..	23,110 2 4	2,581 18 2	724 0 1	..	516 17 10	..
6. Robinvale	(A) 10,796 14 1	..	326 0 6	5 12 1	(B) 462 18 2	..	10,796 14 1	326 0 6	122 19 3	..	345 11 0	..
7. Tallygaroopna	(A) 4,067 1 2	..	95 16 2	..	..	94 19 6	4,067 1 2	95 16 2	10 19 6	84 0 0	..	..
Totals	(A) 51,508 10 9 (B) 14,879 0 6	859 16 5	6,957 15 6	16 8 10	(A) 928 14 10 (B) 2,002 13 0	5,215 15 0	67,215 6 5	6,957 15 6	1,427 11 4	4,657 0 5	1,182 6 4	928 14 10

The Districts set out hereunder are those whose works will not produce sufficient revenue to cover the expense of the maintenance and management thereof, and where water supplies are being continued by direction of the Governor in Council. The annual amount of loss resultiug from the maintenance of these districts has been transferred to the "Revenue Expenditure Chargeable to the State Account". (By authority of Orders in Council, dated 30th July, 1938, and 18th December, 1944, under the provisions of Section 6, *Water Act* 1937, No. 4513.)

8. Corop..	(A) 231 15 6	..	99 6 11	..	(A) 108 4 11	..	231 15 6	99 6 11	33 15 1	..	12 1 9	62 8 1
9. Dingee	(A) 1,674 3 11	..	140 8 3	..	(A) 316 13 2 (B) 167 2 10	..	1,674 3 11	140 8 3	10 1 3	..	380 4 3	93 10 6
10. Heyfield	(A) 13,949 2 2	..	1,899 3 11	3 1 6	(A) 1,434 19 5	..	13,949 2 2	1,899 3 11	98 5 11	..	1,178 15 10	160 19 2
11. Leitchville	(A) 4,188 15 4	23 19 8	240 19 8	0 1 6	(A) 540 11 2	..	4,212 15 0	240 19 8	82 8 11	..	458 3 9	..
12. Murrabit	(A) 1,030 18 3	..	483 8 10	1 0 0	(A) 1,266 17 7 (B) 30 16 2	..	1,030 18 3	483 8 10	13 2 7	..	1,193 9 4	92 1 10
13. Stanhope	(A) 2,202 7 9	21 4 4	615 4 3	0 10 6	..	626 2 8	2,223 12 1	615 4 3	40 11 10	586 1 4	..	..
Totals	(A) 23,277 2 11	45 4 0	3,478 11 10	4 13 6	(A) 3,667 6 3 (B) 197 19 0	626 2 8	23,322 6 11	3,478 11 10	278 5 7	586 1 4	3,222 14 11	408 19 7
Grand Totals ..	(A) 74,785 13 8 (B) 14,879 0 6	905 0 5	10,436 7 4	21 2 4	(A) 4,596 1 1 (B) 2,200 12 0	5,841 17 8	90,537 13 4	10,436 7 4	1,705 16 11	5,243 1 9	4,405 1 3	1,337 14 5
	£113,665 15s. 0d.						£113,665 15s. 0d.					

DISTRICT BALANCE-SHEETS AS AT 30TH JUNE, 1951.

District.	Liabilities.						Assets.					
	Capital borne by—(A) State. (B) District.	Redemption Account.	Depreciation Reserve Account.	Sundry Creditors.	Accumulated Deficiency Chargeable to—(A) State Account. (B) District Account.	Profit and Loss Account. Gain.	Works at Cost.	Water Supply Works Depreciation Fund.	Sundry Debtors.	Accumulated Surplus Credited to District Account.	Profit and Loss Account. Loss since 30th June, 1938.	Profit and Loss Account. Interest and Other Losses prior to 30th June, 1938, Borne by State. (Act No. 5017.)
	£ s. d.	£ s. d.	£ s. d.	£ s. d.	£ s. d.	£ s. d.	£ s. d.	£ s. d.	£ s. d.	£ s. d.	£ s. d.	£ s. d.
WATERWORKS DISTRICTS.												
1. Bellarine Peninsula ..	(A) 340,434 10 9 (B) 83,187 4 2	2,738 0 1	..	..	(A) 9,927 9 8	..	425,509 0 0	Cr. 22,327 0 0	1,288 11 10	5,415 11 0	16,473 12 2	9,927 9 8
2. East Loddon	(A) 2,287 14 1	3,281 9 1	..	2 2 6	..	1,310 11 0	5,569 3 2	..	143 10 11	1,169 2 7	..	..
3. Loddon	(A) 3,103 4 10	4,320 17 6	..	0 11 1	(B) 1,830 1 8	..	7,424 2 4	..	29 15 0	..	1,800 17 9	..
4. Mornington Peninsula ..	(A) 423,444 6 8 (B) 64,065 9 7	1,936 13 3	5,582 7 11	12 9 1	(A) 1,077 12 3	41,190 11 1	489,446 9 6	5,582 7 11	2,201 0 9	39,001 19 5	..	1,077 12 3
5. Newstead	(A) 4,636 6 10	..	..	..	..	271 0 0	4,636 6 10	..	..	271 0 0	..	..
6. Normanville	(A) 50,405 17 8	222 1 11	410 0 0	4 13 10	(B) 76 5 4	..	50,627 19 7	410 0 0	56 19 11	..	23 19 3	..
7. Otway	(A) 110,278 16 1 (B) 89,754 1 0	3,116 2 11	26,397 3 5	22 10 10	(B) 2,624 0 7	..	203,149 0 0	26,397 3 5	1,159 13 2	..	1,486 18 3	..
8. Werribee	(A) 12,414 15 9	82 12 10	..	0 0 6	(A) 2,221 10 10	834 2 4	12,497 8 7	..	17 0 7	817 2 3	..	2,221 10 10
9. Western Wimmera ..	(A) 379,879 15 9	177 10 2	9,243 7 4	17 2 6	(A) 13,428 5 1 (B) 48,265 10 9	..	380,057 5 11	9,243 7 4	3,931 3 0	..	44,351 10 3	13,428 5 1
10. West Loddon	(A) 9,316 2 5	3,764 7 3	..	3 1 6	(B) 700 11 2	..	13,080 9 8	..	19 3 0	..	684 9 8	..
11. Wimmera United ..	(A) 312,528 0 10	965 12 11	2,370 19 11	36 19 7	..	11,416 4 10	313,493 13 9	2,370 19 11	2,339 10 1	9,113 14 4	..	..
12. Wychitella	(A) 138,477 6 8	..	..	7 14 11	(B) 17,650 18 9	..	138,477 6 8	..	356 13 0	..	17,302 0 8	..
Totals	(A) 1,787,206 18 4 (B) 237,006 14 9	20,605 7 11	44,003 18 7	107 6 4	(A) 26,654 17 10 (B) 71,147 8 3	55,022 9 3	2,043,968 6 0	21,676 18 7	11,543 1 3	55,788 9 7	82,123 8 0	26,654 17 10

The Districts set out hereunder are those whose works will not produce sufficient revenue to cover the expense of the maintenance and management thereof, and where water supplies are being continued by direction of the Governor in Council. The annual amount of loss resulting from the maintenance and management of these districts has been transferred to the "Revenue Expenditure Chargeable to the State Account". (By authority of Orders in Council, dated 30th June, 1938, and 21st October, 1941, under the provisions of Section 6, *Water Act* 1937, No. 4513.)

13. Birchip	(A) 141,922 14 3	382 17 0	..	1 12 0	(A) 35,651 14 1 (B) 5,077 15 6	..	142,305 11 3	..	88 15 7	..	16,798 4 8	23,844 1 4
14. Carwarp	(A) 42,231 18 2	..	3,059 12 0	10 13 4	(A) 101,736 19 1 (B) 3,539 8 8	..	42,231 18 2	3,059 12 0	1,501 16 3	..	50,238 6 0	53,546 18 10
15. Carwarp Central ..	(A) 2,404 18 1	..	260 17 10	8 0 0	(A) 5,768 12 10 (B) 763 19 2	..	2,404 18 1	260 17 10	189 6 6	..	4,925 0 6	1,426 5 0
16. Coreena	(A) 55,144 3 7	..	1,293 12 6	0 1 0	(A) 76,915 9 3 (B) 2,932 13 10	..	55,144 3 7	1,293 12 6	2,484 14 0	..	51,901 13 7	25,451 16 6
17. Hindmarsh	(A) 20,571 0 5	103 4 3	2,476 18 3	..	(A) 749 1 5	..	20,674 4 8	2,476 18 3	169 10 2	..	579 11 3	..
18. Karkarooc	(A) 322,041 5 0	..	..	99 18 0	(A) 119,646 6 10 (B) 13,179 4 6	..	322,041 5 0	..	1,475 7 7	..	90,185 4 8	41,264 17 1

Note.—Waterworks Districts Balance-Sheets continued on next page.

DISTRICT BALANCE-SHEETS AS AT 30TH JUNE, 1951.

District.	Liabilities.						Assets.					
	Capital borne by—(A) State. (B) District.	Redemption Account.	Depreciation Reserve Account.	Sundry Creditors.	Accumulated Deficiency Chargeable to—(A) State Account. (B) District Account.	Profit and Loss Account. Gain.	Works at Cost.	Water Supply Works Depreciation Fund.	Sundry Debtors.	Accumulated Surplus Credited to District Account.	Profit and Loss Account. Loss since 30th June, 1938.	Profit and Loss Account. Interest and Other Losses prior to 30th June, 1938, Borne by State. (Act No. 5017.)
	£ s. d.	£ s. d.	£ s. d.	£ s. d.	£ s. d.	£ s. d.	£ s. d.	£ s. d.	£ s. d.	£ s. d.	£ s. d.	£ s. d.
WATERWORKS DISTRICTS—*continued.*												
19. Kerang North-West Lakes	(A) 4,037 3 4	..	..	..	(A) 1,368 10 8 (B) 83 3 9	..	4,037 3 4	..	76 4 4	..	543 19 8	831 10 5
20. Long Lake	(A) 177,481 0 6	..	2,716 15 11	0 4 0	(A) 100,156 7 5 (B) 29,289 10 10	..	177,481 0 6	2,716 15 11	2,822 6 6	..	104,320 9 11	22,303 5 10
21. Millewa	(A) 497,193 4 10	..	37,242 11 6	177 0 0	(A) 385,083 10 9 (B) 9,567 8 2	..	497,193 4 10	37,242 11 6	5,694 1 2	..	296,843 11 2	92,290 6 7
22. Millewa Central ..	(A) 173,184 17 9	..	7,015 16 9	51 17 1	(A) 235,256 10 2 (B) 5,625 2 2	..	173,184 17 9	7,015 16 9	3,588 8 3	..	187,066 14 6	50,278 6 8
23. Ouyen	(A) 277,550 9 0	..	2,919 0 1	47 5 6	(A) 308,438 11 1 (B) 49,188 12 10	..	277,550 9 0	2,919 0 1	5,042 14 6	..	290,571 11 4	62,060 3 7
24. Sea Lake	(A) 203,433 0 0	26 4 2	..	87 15 8	(A) 72,360 7 3 (B) 8,236 19 5	..	203,459 4 2	..	323 7 2	..	50,077 12 0	30,284 3 2
25. Tyntynder	(A) 384,287 8 6	..	328 5 0	69 13 11	(A) 271,351 15 2 (B) 29,188 7 1	..	384,287 8 6	328 5 0	12,147 11 0	..	182,669 8 8	105,792 16 6
26. Tyrrell	(A) 256,503 9 1	..	667 11 0	23 0 7	(A) 254,465 18 11 (B) 16,240 1 9	..	256,503 9 1	667 11 0	2,937 7 2	..	211,214 12 1	56,577 2 0
27. Tyrrell West	(A) 165,119 8 2	..	620 11 10	64 11 7	(A) 186,902 8 9 (B) 10,013 19 9	..	165,119 8 2	620 11 10	1,624 11 1	..	159,237 14 6	36,118 14 6
28. Upper Western Wimmera	(A) 90,027 8 4	..	169 1 2	..	(A) 2,216 14 11	..	90,027 8 4	169 1 2	280 15 3	..	1,935 19 8	..
29. Upper Wimmera United	(A) 125,226 19 1	1,003 7 5	..	6 19 4	(A) 8,270 3 9 (B) 4,359 16 0	..	126,230 6 6	..	752 19 0	..	11,832 0 0	52 0 1
30. Walpeup West ..	(A) 35,941 10 0	..	..	11 14 7	(A) 8,197 6 11 (B) 753 8 4	..	35,941 10 0	Cr. 591 12 7	1,191 17 7	..	164 17 11	8,197 6 11
31. Wycheproof	(A) 244,789 12 3	1,148 11 7	..	22 4 3	(A) 56,106 2 9 (B) 4,504 1 10	..	245,938 3 10	..	452 7 4	..	23,131 5 1	37,048 16 5
32. Velta	(A) 6,202 18 9	..	..	15 0 11	(A) 12,777 18 8 (B) 1,488 7 10	..	6,202 18 9	..	121 12 4	..	10,494 16 2	3,664 18 11
Totals	(A) 3,225,294 9 1	2,664 4 5	58,770 13 10	697 11 9	(A) 2,243,420 10 8 (B) 194,022 1 5	..	3,227,958 13 6	58,179 1 3	42,965 12 9	..	1,744,732 13 4	651,033 10 4
Grand Totals ..	(A) 5,012,501 7 5 (B) 237,006 14 9	23,269 12 4	102,774 12 5	804 18 1	(A) 2,270,075 8 6 (B) 265,169 9 8	55,022 9 3	5,271,926 19 6	79,855 19 10	54,508 14 0	55,788 9 7	1,826,856 1 4	677,688 8 2
	£7,966,654 12s. 5d.						£7,966,624 12s. 5d.					

DISTRICT BALANCE-SHEETS AS AT 30TH JUNE, 1951.

URBAN DISTRICTS.

District.	Liabilities. Capital borne by— (A) State. (B) District.	Redemption Account.	Depreciation Reserve Account.	Sundry Creditors.	Accumulated Deficiency Chargeable to— (A) State Account. (B) District Account.	Profit and Loss Account. Gain.	Assets. Works at Cost.	Water Supply Works Depreciation Fund.	Sundry Debtors.	Accumulated Surplus Credited to District Account.	Profit and Loss Account. Loss since 30th June, 1938.	Profit and Loss Account. Interest and Other Losses prior to 30th June, 1938, Borne by State. (Act No. 5017).
	£ s. d.	£ s. d.	£ s. d.	£ s. d.	£ s. d.	£ s. d.	£ s. d.	£ s. d.	£ s. d.	£ s. d.	£ s. d.	£ s. d.
1. Allansford	(A) 2,199 14 7 (B) 811 11 2	26 19 10	210 16 6	5 18 4	..	260 14 9	3,038 5 7	210 16 6	27 5 2	239 7 11	..	..
2. Antwerp	(A) 452 17 8 (B) 257 14 1	16 5 8	38 2 9	..	..	109 14 8	722 17 8	38 2 9	19 11 0	94 3 5	..	..
3. Barwon Heads and Ocean Grove	(A) 43,557 16 7 (B) 7,902 14 8	410 9 6	1,741 5 5	11 17 3	..	3,450 7 9	51,871 0 9	1,744 5 5	1,096 13 6	2,365 11 6	..	..
4. Berriwillock	(A) 7,743 5 0 (B) 3 5 5	25 0 9	178 3 11	3 13 8	(A) 216 18 8	87 14 7	7,771 8 4	178 3 11	13 1 10	78 9 3	..	216 18 8
5. Berwick	(A) 22,130 2 7 (B) 3,096 7 3	137 0 3	3,897 9 6	29 11 0	..	2,413 1 9	25,355 8 10	3,897 9 6	418 10 5	2,032 3 7	..	..
6. Birregurra	(A) 34,953 9 8	..	263 16 6	0 3 4	(B) 476 9 1	..	34,953 9 8	263 16 6	152 9 2	..	324 3 3	..
7. Brim	(A) 8,670 2 2 (B) 332 8 6	45 11 6	530 15 11	1 12 11	..	342 19 7	9,042 10 7	530 15 11	148 15 11	201 8 2	..	..
8. Camperdown	(A) 44,568 12 0 (B) 54,062 13 7	1,990 17 10	8,639 6 7	1 16 3	..	739 0 8	100,622 3 5	8,639 6 7	402 12 10	338 4 1	..	..
9. Chelsea–Frankston	(A) 273,836 1 2 (B) 133,225 16 10	4,616 5 7	35,726 6 2	72 10 7	(A) 9,188 12 3	28,065 18 2	411,678 3 7	35,726 6 2	5,048 3 2	23,090 5 7	..	9,188 12 3
10. Cobden	(A) 13,828 12 9 (B) 12,654 7 3	491 5 9	2,087 5 7	13 4 0	(B) 330 0 8	..	26,974 5 9	2,087 5 7	131 6 3	..	211 18 5	..
11. Cranbourne	(A) 10,421 7 10 (B) 593 11 5	65 4 7	372 2 11	1 8 8	(A) 538 9 1	1,352 19 5	11,078 11 0	372 2 11	124 6 1	1,231 14 10	..	538 9 1
12. Culgoa	(A) 2,163 9 2 (B) 2,239 16 5	97 3 5	81 4 6	0 0 6	(B) 282 9 11	..	4,465 18 0	81 4 6	3 15 11	..	313 5 6	..
13. Dandenong–Springvale	(A) 174,569 19 8 (B) 161,866 12 4	5,073 0 8	36,255 12 1	84 1 3	(A) 3,601 18 7	40,994 18 2	341,093 6 6	36,255 12 1	6,962 15 6	34,532 10 1	..	3,601 18 7
14. Dimboola	(A) 8,897 7 3 (B) 10,830 1 6	448 19 2	1,355 0 0	2 13 0	..	1,423 1 1	20,092 8 8	1,355 0 0	825 0 7	684 12 9	..	..
15. Dromana–Portsea	(A) 198,484 7 1 (B) 4,279 3 11	542 5 0	19,893 8 3	19 9 9	..	27,562 4 8	203,305 16 0	19,893 8 3	2,408 19 11	25,172 14 6	..	..
16. Garvoc	(A) 51 4 8	..	..	..	..	..	51 4 8	..	..	..	..	..
17. Leparit	(A) 7,988 8 8 (B) 5,653 5 8	301 13 6	522 6 6	0 10 0	..	596 5 0	13,928 10 10	522 6 6	289 4 0	322 8 0	..	..
18. Longwarry	(A) 3,060 7 7 (B) 9,134 10 6	359 13 2	1,882 16 3	1 7 0	..	2,611 16 1	12,554 11 3	1,882 16 3	225 0 6	2,388 2 7	..	..
19. Marnoo	(A) 2,819 16 1 (B) 1,340 11 2	82 10 3	854 12 4	0 0 8	..	428 7 4	4,239 6 6	854 12 4	155 17 7	276 1 5	..	..
20. Merbein	(A) 18,411 5 4 (B) 4,029 19 8	331 17 0	759 8 3	0 0 8	(A) 510 10 1 (B) 1,028 0 2	..	22,751 8 0	759 8 3	728 15 0	..	320 19 10	510 10 1
21. Minyip	(A) 7,317 9 5 (B) 3,060 18 6	220 3 7	310 0 10	3 13 6	(B) 135 4 7	82 16 1	10,550 1 10	310 0 10	270 3 10	..	..	..
22. Mornington	(A) 40,700 9 3 (B) 52,670 1 6	1,901 14 4	10,570 3 11	64 8 7	..	11,978 19 11	95,000 15 1	10,570 3 11	1,781 12 9	10,533 5 9	..	..
23. Nar-Nar-Goon and Tynong	(A) 140 9 1	..	..	..	..	..	140 9 1	..	..	..	..	..
24. Natimuk	(A) 875 5 8 (B) 4,057 19 0	146 10 11	1,027 18 6	..	(B) 84 16 3	..	5,018 12 5	1,027 18 6	126 14 7	..	19 4 10	..
25. Officer	(A) 850 4 6	..	..	..	..	..	850 4 6	..	..	..	..	..
26. Pakenham	(A) 9,915 19 0 (B) 9,586 15 2	420 5 4	3,979 14 2	0 18 8	..	3,635 19 11	19,898 0 5	3,979 14 2	420 3 10	3,241 13 10	..	..
27. Pimpinio	..	..	..	0 1 2	(B) 7 5 8	..	..	..	3 1 1	..	4 5 9	..
28. Pyramid Hill	(A) 5,331 1 5 (B) 1,288 15 10	104 5 6	768 4 8	1 3 0	..	941 16 3	6,710 6 9	768 4 8	47 12 5	909 2 10	..	..

Note—Urban Districts Balance-Sheets continued on next page.

DISTRICT BALANCE-SHEETS AS AT 30TH JUNE, 1951.

District.	Liabilities.						Assets.					
	Capital borne by—(A) State. (B) District.	Redemption Account.	Depreciation Reserve Account.	Sundry Creditors.	Accumulated Deficiency Chargeable to—(A) State Account. (B) District Account.	Profit and Loss Account. Gain.	Works at Cost.	Water Supply Works Depreciation Fund.	Sundry Debtors.	Accumulated Surplus Credited to District Account.	Profit and Loss Account. Loss since 30th June, 1938.	Profit and Loss Account. Interest and Other Losses prior to 30th June, 1938, Borne by State (Act No. 5017).
	£ s. d.	£ s. d.	£ s. d.	£ s. d.	£ s. d.	£ s. d.	£ s. d.	£ s. d.	£ s. d.	£ s. d.	£ s. d.	£ s. d.
URBAN DISTRICTS—*continued.*												
29. Queenscliff and Point Lonsdale	(A) 94,214 8 3 (B) 16,089 2 6	806 0 10	831 13 0	9 4 3	(B) 7,697 5 1	..	111,067 8 11	831 13 0	1,542 11 4	..	6,206 0 8	..
30. Rainbow	(A) 4,053 8 5 (B) 7,515 12 10	313 16 7	1,306 2 5	4 11 2	..	3,773 13 5	11,863 7 4	1,306 2 5	282 10 6	3,515 4 7	..	..
31. Rupanyup	(A) 6,741 4 4 (B) 4,137 14 8	216 4 0	861 9 7	0 0 2	(B) 117 12 9	132 10 10	11,084 5 10	861 9 7	261 0 11	..	..	..
32. Somerville	(A) 3,334 3 11 (B) 4,581 15 3	180 15 10	973 16 5	0 0 7	..	635 7 11	8,051 8 7	973 16 5	45 1 5	635 13 6	..	..
33. South Frankston ..	(A) 22,827 10 4 (B) 25,593 14 7	1,048 19 3	4,748 9 2	8 9 6	..	5,440 6 3	49,403 15 4	4,748 9 2	675 1 3	4,840 3 4	..	..
34. Terang	(A) 31,748 6 5 (B) 27,774 10 0	1,138 7 8	6,876 2 7	1 5 3	..	554 9 9	60,661 4 1	6,876 2 7	282 8 8	273 6 4	..	..
35. Watchem	(A) 4,940 8 3 (B) 122 18 7	38 1 5	419 4 9	0 14 1	(A) 140 17 2 (B) 233 7 1	..	5,101 0 3	419 4 9	4 17 1	..	229 12 1	140 17 2
Totals	(A) 1,111,798 15 9 (B) 568,794 9 9	21,597 8 8	147,965 19 11	344 8 9	(A) 14,197 5 10 (B) 10,392 11 3	137,615 4 0	1,700,991 16 0	147,965 19 11	24,925 4 0	116,996 7 10	7,629 10 4	14,197 5 10

The Districts set out hereunder are those whose works will not produce sufficient revenue to cover the expense of the maintenance and management thereof, and where water supplies are being continued by direction of the Governor in Council. The annual amount of loss resulting from the maintenance and management of these districts has been transferred to the "Revenue Expenditure Chargeable to the State Account". (By authority of Orders in Council, dated 30th June, 1938, 9th December, 1940, 23rd October, 1945, and 24th April, 1946, respectively, under the provisions of Section 6, *Water Act* 1937, No. 4513.)

36. Anglesea	(A) 14,674 11 8 (B) 29 10 1	1 18 7	963 16 11	3 4 8	(A) 2,335 6 2	..	14,705 10 5	963 16 11	112 9 9	..	587 15 3	1,638 15 9
37. Beulah	(A) 7,682 8 0 (B) 2 13 2	10 5 8	694 13 8	0 7 0	(A) 296 5 4	168 1 4	7,695 6 10	694 13 8	367 15 6	..	..	96 18 2
38. Birchip	(A) 15,198 0 6	12 12 3	1,097 18 10	0 10 0	(A) 3,120 16 9 (B) 564 5 4	..	15,210 12 9	1,097 18 10	74 7 5	..	2,737 18 3	873 6 5
39. Bittern	(A) 3,036 2 10 (B) 15 11 3	4 0 1	453 3 4	..	(A) 247 6 2	..	3,055 11 2	453 3 4	43 5 5	..	204 3 9	..
40. Bunyip	(A) 11,835 18 10 (B) 25 19 7	2 12 4	2,227 13 6	0 2 8	(A) 474 1 9	1,829 10 9	11,864 10 9	2,227 13 6	184 0 11	1,645 12 6	..	474 1 9
41. Carwarp	(A) 635 19 0	..	155 9 8	..	(A) 295 2 1 (B) 318 7 11	275 12 7	635 19 0	155 9 8	889 2 7	..	..	..
42. Chillingollah	(A) 2,482 1 3	8 14 5	151 15 10	..	(A) 469 18 0 (B) 682 4 6	..	2,490 15 8	151 15 10	834 10 6	..	98 13 11	218 18 1
43. Chinkapook	(A) 2,815 19 2	..	159 11 11	..	(A) 1,082 18 6 (B) 68 7 0	..	2,815 19 2	159 11 11	76 4 6	..	917 5 9	157 15 3
44. Crib Point	(A) 10,805 12 0 (B) 2,282 4 3	129 12 2	1,370 13 8	..	(A) 308 12 0	147 9 9	13,211 8 2	1,370 13 8	462 2 0	..	..	..
45. Dooen	(A) 681 4 0 (B) 16 18 0	0 5 5	182 0 3	..	(A) 130 4 9	154 10 11	698 7 5	182 0 3	12 6 0	142 4 11	..	130 4 9
46. Drysdale	(A) 20,960 7 8 (B) 38 2 0	8 8 10	1,082 19 8	0 15 6	(A) 326 16 1	930 3 7	21,006 14 8	1,082 19 8	391 2 4	540 0 7	..	326 16 1
47. Garfield	(A) 9,250 17 9 (B) 27 2 1	12 7 6	1,612 4 10	15 16 8	(A) 381 5 7	1,150 14 9	9,290 7 4	1,612 4 10	120 13 2	1,045 18 3	..	381 5 7
48. Hastings	(A) 15,301 0 2 (B) 6 4 10	12 1 0	2,291 12 1 0	..	(A) 561 7 11	3 8 6	15,319 6 0	2,291 12 10	116 2 8	..	..	448 13 9
49. Hopetoun	(A) 10,755 5 4 (B) 23 15 4	30 7 1	1,678 2 4	1 5 0	(A) 580 2 10	855 10 4	10,809 6 7	1,678 2 4	282 6 1	574 10 5	..	580 2 10

50. Jung Jung	(A)	4,592	19	10	..		723	14	2	..		(A)	1,803	12	5	..		4,594	12	4	723	14	2	58	1	10	..		1,225	8	8	540	2	11
	(B)	1	12	6								(B)	20	1	0																	
51. Koondrook	(A)	6,169	3	5	..		821	9	7	1	16	2	(A)	3,316	17	2	..		6,169	3	5	821	9	7	288	4	8	..		2,816	14	2	408	17	3
52. Lake Boga	(A)	6,212	0	6	1	10	11	349	13	4	1	12	3	(B)	195	2	9																	
	(B)	95	11	3										(A)	3,772	0	8			6,307	11	9	349	13	4	249	9	8	..		3,371	7	3	558	14	5
53. Lalbert	(A)	4,543	2	9	35	18	7	514	14	6	0	11	0	(B)	404	7	6																	
	(B)	98	11	10										(A)	1,275	1	2			4,677	6	5	514	14	6	192	10	10	..		1,390	14	2	43	8	7
54. Lascelles	(A)	4,487	9	6	5	14	7	31	11	9	..			(B)	350	14	8																	
	(B)	16	18	0										(A)	713	14	6			4,510	1	1	31	11	9	78	10	11	..		253	13	0	414	15	11
55. Manangatang	(A)	3,846	10	4	111	8	9	29	0	0	0	2	0	(B)	30	4	4																	
	(B)	1,635	6	3										(A)	1,259	7	0			5,575	19	4	29	0	0	209	10	9	..		1,067	4	3	..		
56. Meringur	(A)	3,531	7	11	0	0	1	94	2	4	..																							
	(B)	4	6	8										(A)	717	10	2			3,535	14	7	94	2	4	461	16	3	..		387	9	6	..		
57. Mitiamo	(A)	2,410	16	2	2,982	17	4	543	4	6	..			(B)	131	15	6																	
														(A)	2,051	13	0			5,393	13	6	543	4	6	7	5	5	..		2,044	7	7	..		
58. Nandaly	(A)	2,343	11	5	..			42	7	4	..																							
	(B)	3	5	0										(A)	655	13	11			2,346	16	5	42	7	4	17	7	7	..		689	10	6	..		
59. Newstead	(A)	6,110	5	10	124	7	4	840	0	7	..			(B)	51	4	2																	
	(B)	1,763	13	10										(A)	2,545	0	9			7,932	5	4	840	0	7	27	4	6	..		2,620	13	7	..		
60. Nullawil	(A)	3,370	15	4	41	13	0	81	17	5	3	10	6	(B)	36	15	8																	
	(B)	280	16	6										(A)	174	12	0			3,686	18	2	81	17	5	37	1	6	..		147	7	8	..		
61. Nyah	(A)	691	7	6	2	8	10	447	7	1	0	0	6	(A)	48	2	10			693	16	4	447	7	1	68	1	5	..		122	12	5	48	2	10
														(B)	190	13	4																	
62. Nyah West	(A)	6,190	11	4	0	8	10	2,204	16	8	0	10	0	..				792	17	0	6,191	0	2	2,204	16	8	334	13	0	458	14	0	..		..
63. Ouyen	(A)	21,512	9	0	88	5	10	..			0	9	7	(A)	1,715	2	9	..		21,661	0	11	(Cr.)	381	10	7	717	17	7	..		1,379	14	6	..		
	(B)	60	15	3																														
64. Patchewollock	(A)	4,049	13	11	0	1	4	138	5	2	0	1	0	(A)	293	0	0	93	7	1	4,051	7	9	138	5	2	386	8	1	..		..	..		
	(B)	1	12	6																														
65. Piangil	(A)	7,472	12	1	..			85	19	10	0	0	6	(A)	1,104	11	2	..		7,472	12	1	85	19	10	603	11	1	..		501	0	7	..		
66. Portarlington	(A)	32,336	16	9	2	3	4	2,806	10	0	0	5	0	(A)	5,032	17	8	..		32,415	9	4	2,806	10	0	286	18	5	..		3,124	6	5	1,724	12	7
	(B)	77	14	6										(B)	101	9	6																	
67. Quambatook	(A)	4,861	6	8	19	18	1	439	19	10	0	13	2	(A)	100	8	3	..		4,884	9	8	439	19	10	23	0	6	..		78	0	11	.		
	(B)	3	4	11																														
68. Sea Lake	(A)	6,240	2	0	149	8	7	1,193	0	3	5	16	4	(A)	475	10	6	..		7,884	0	9	1,193	0	3	283	19	1	..		286	0	11	..		
	(B)	1,533	3	4																														
69. Speed	(A)	2,895	16	3	..			264	10	4	..			(A)	408	19	9	..		2,896	14	0	264	10	4	107	3	11	..		519	8	3	..		
	(B)	0	17	9										(B)	217	12	5																	
70. Tempy	(A)	2,626	11	5	0	5	5	363	6	3	0	0	9	(A)	543	2	8	..		2,644	5	5	363	6	3	352	8	5	..		238	13	2	..		
	(B)	17	13	7										(B)	47	13	2																	
71. Torquay	(A)	19,843	11	10	42	15	8	1,615	14	2	3	0	0	(A)	1,755	7	7	653	12	6	20,029	8	0	1,615	14	2	342	6	10	314	5	8	..		1,755	7	7
	(B)	143	0	6																														
72. Ultima	(A)	8,197	5	10	0	5	5	57	11	8	0	0	6	(A)	1,700	15	7	..		8,214	12	6	57	11	8	558	2	9	..		1,388	9	0	..		
	(B)	17	6	8										(B)	245	10	3																	
73. Waitchie	(A)	2,520	14	4	..			290	0	1	0	1	0	(A)	1,315	5	8	..		2,520	14	4	290	0	1	1,121	5	9	..		318	18	8	498	8	2
														(B)	623	5	11																	
74. Walpeup	(A)	2,049	16	4	6	11	5	213	5	10	..			(A)	391	8	6	..		2,080	6	9	213	5	10	96	11	0	..		295	1	11	..		
	(B)	24	3	5																														
75. Werrimull	(A)	5,122	7	4	3	3	6	546	17	3	..			(A)	1,007	5	5	..		5,127	3	4	546	17	3	614	11	3	..		258	5	2	284	19	8
	(B)	1	12	6										(B)	150	10	8																	
76. Wonthaggi	(A)	67,495	12	0	420	2	9	7,800	15	8	46	9	8	..				2,195	4	5	76,960	7	6	7,800	15	8	1,619	18	0	669	0	3	..		..
	(B)	9,091	16	11																														
77. Woomelang	(A)	9,233	14	5	37	3	10	1,103	18	1	0	4	7	(A)	805	1	5	270	2	3	9,286	3	11	1,103	18	1	31	9	0	238	18	10	..		805	1	5
	(B)	15	6	8																														
78. Woorinen	(A)	5,519	18	8	33	17	3	299	0	9	10	3	6	(A)	124	3	10	..		6,134	12	10	299	0	9	134	19	1	..		304	11	4	..		
	(B)	580	16	11										(B)	305	3	1																	
79. Wycheproof	(A)	18,487	6	6	16	12	0	2,452	12	6	1	10	5	(A)	1,268	2	7	..		18,503	18	6	2,452	12	6	84	7	6	..		1,336	8	9	.		
														(B)	151	3	3																	
80. Yaapeet	(A)	2,304	17	7	3	16	8	81	12	0	0	7	6	(A)	324	16	3	..		2,312	8	7	81	12	0	177	12	4	..		299	9	10	..		
	(B)	3	14	4										(B)	151	18	5																	
Totals	(A)	403,386	2	11	4,364	4	8	40,598	16	2	99	7	5	(A)	47,309	9	1	9,520	5	9	425,504	10	11	40,217	5	7	13,538	17	9	5,629	5	5	30,961	9	1	12,406	9	9
	(B)	17,941	2	2										(B)	5,038	10	4																	
Grand Totals ..	(A)	1,515,184	18	8	25,961	13	4	188,564	16	1	443	16	2	(A)	61,506	14	11	147,135	9	9	2,126,496	6	11	188,183	5	6	38,464	1	9	122,625	13	3	38,590	19	5	26,603	15	7
	(B)	586,735	11	11										(B)	15,431	1	7																	
								£2,540,964 2s. 5d.																			£2,540,964 2s. 5d.											

DISTRICT BALANCE-SHEETS AS AT 30TH JUNE, 1951.

District.	Liabilities.						Assets.					
	Capital borne by State.	Redemption Account.	Depreciation Reserve Account.	Sundry Creditors.	Accumulated Deficiency Chargeable to (A) State Account. (B) District Account.	Profit and Loss Account. Gain.	Works at Cost.	Water Supply Works Depreciation Fund.	Sundry Debtors.	Accumulated Surplus Credited to District Account.	Profit and Loss Account. Loss since 30th June, 1938.	Profit and Loss Account. Interest and Other Losses prior to 30th June, 1938, Borne by State. (Act No. 5017.)
	£ s. d.	£ s. d.	£ s. d.	£ s. d.	£ s. d.	£ s. d.	£ s. d.	£ s. d.	£ s. d.	£ s. d.	£ s. d.	£ s. d.
FLOOD PROTECTION DISTRICTS.												
1. Cardinia	105,655 7 9	..	..	0 17 11	(A) 3,303 19 2 (B) 11,698 9 2	..	105,655 7 9	..	10,459 9 4*	..	1,239 17 9	3,303 19 2
2. Kanyapella	3,885 1 5	64 4 2	..	0 0 6	..	1,862 14 1	3,949 5 7	..	78 18 0	1,783 16 7	..	..
3. Loch Garry	18,621 18 11	..	..	..	..	3,348 15 6	18,621 18 11	..	110 8 4	3,238 7 2	..	..
4. Lower Koo-wee-rup ..	374,420 9 10	..	..	0 14 1	(A) 7,949 1 8 (B) 11,701 13 8	..	374,420 9 10	..	1,148 16 9	..	10,553 11 0	7,949 1 8
Totals	502,582 17 11	64 4 2	..	1 12 6	(A) 11,253 0 10 (B) 23,400 2 10	5,211 9 7	502,647 2 1	..	11,797 12 5	5,022 3 9	11,793 8 9	11,253 0 10
	£542,513 7s. 10d.						£542,513 7s. 10d.					

* Includes £9,510 Capitalized Repairs and Maintenance—Bridges.

DISTRICT BALANCE-SHEETS AS AT 30TH JUNE, 1951.

District.	Liabilities.					Assets.					
	Capital Borne by State.	Depreciation Reserve Account.	Sundry Creditors.	Accumulated Deficiency Chargeable to— (A) State Account. (B) District Account.	Profit and Loss Account. Gain.	Works at Cost.	Water Supply Works Depreciation Fund.	Sundry Debtors.	Accumulated Surplus Credited to District Account.	Profit and Loss Account. Loss since 30th June, 1938.	Profit and Loss Account. Interest and Other Losses prior to 30th June, 1938, Borne by State. (Act No. 5017.)
	£ s. d.	£ s. d.	£ s. d.	£ s. d.	£ s. d.	£ s. d.	£ s. d.	£ s. d.	£ s. d.	£ s. d.	s. d.
DRAINAGE DISTRICT.											
1. Carrum	26,841 17 1	..	12 8 8	(B) 737 6 4	88 15 11	26,841 17 1	..	838 10 11	..	..	..
Totals	26,841 17 1	..	12 8 8	(B) 737 6 4	88 15 11	26,841 17 1	..	838 10 11	..	..	..
	£27,680 8s. 0d.					£27,680 8s. 0d.					

SUMMARY OF DISTRICT BALANCE-SHEETS AS AT 30TH JUNE, 1951.

District.	Liabilities.						Assets.					
	Capital borne by— (A) State. (B) District.	Redemption Account.	Depreciation Account.	Sundry Creditors.	Accumulated Deficiency Chargeable to— (A) State Account. (B) District Account.	Profit and Loss Account. Gain.	Works at Cost.	Water Supply Works Depreciation Fund.	Sundry Debtors.	Accumulated Surplus Credited to District Account.	Profit and Loss Account. Loss since 30th June, 1938.	Profit and Loss Account. Interest and Other Losses prior to 30th June, 1938, Borne by State. (Act No. 5017.)
	£ s. d.	£ s. d.	£ s. d.	£ s. d.	£ s. d.	£ s. d.	£ s. d.	£ s. d.	£ s. d.	£ s. d.	£ s. d.	£ s. d.
Central Plant Workshops ..	(A) 153,397 11 1 (B) 17,636 8 0	166 11 10	4,124 12 2	..	(B) 48,596 5 10	..	171,034 9 2	4,124 12 2	21,007 6 4	..	27,755 1 3	..
Coliban System	(A) 2,025,354 5 2 (B) 293,222 18 4	10,923 7 3	56,049 8 11	123 15 7	(A) 962,857 10 5 (B) 15,371 13 9	..	2,318,824 4 1	56,049 8 11	8,620 13 5	..	152,034 14 2	828,373 18 10
Irrigation Districts—												
Pumping	(A) 2,481,277 7 4	54 19 10	197,743 7 8	112 6 10	(A) 374,520 14 8 (B) 90,012 7 11	..	2,481,332 7 2	197,743 7 8	17,929 16 11	..	303,777 17 7	142,937 14 11
Gravitation	(A) 14,410,989 7 1	26,034 8 7	26,582 17 9	447 14 3	(A) 537,835 18 1 (B) 267,509 19 1	94,490 14 11	14,437,023 15 8	26,582 17 9	78,419 11 6	65,883 10 10	226,725 15 10	529,255 8 2
Irrigation Urban Divisions ..	(A) 74,785 13 8 (B) 14,879 0 6	905 0 5	10,436 7 4	21 2 4	(A) 4,596 1 1 (B) 2,200 12 0	5,841 17 8	90,537 13 4	10,436 7 4	1,705 16 11	5,243 1 9	4,405 1 3	1,337 14 5
Waterworks Districts ..	(A) 5,012,501 7 5 (B) 237,006 14 9	23,269 12 4	102,774 12 5	804 18 1	(A) 2,270,075 8 6 (B) 265,169 9 8	55,022 9 3	5,271,926 19 6	79,855 19 10	54,508 14 0	55,788 9 7	1,826,856 1 4	677,688 8 2
Waterworks Urban Districts	(A) 1,515,184 18 8 (B) 586,735 11 11	25,961 13 4	188,564 16 1	443 16 2	(A) 61,506 14 11 (B) 15,431 1 7	147,135 9 9	2,126,496 6 11	188,183 5 6	38,464 1 9	122,625 13 3	38,590 19 5	26,603 15 7
Flood Protection Districts ..	(A) 502,582 17 11	64 4 2	..	1 12 6	(A) 11,253 0 10 (B) 23,400 2 10	5,211 9 7	502,647 2 1	..	11,797 12 5*	5,022 3 9	11,793 8 9	11,253 0 10
Drainage Districts	(A) 26,841 17 1	..	..	12 8 8	(B) 737 6 4	88 15 11	26,841 17 1	..	838 10 11	..	..	..
Totals	(A) 26,202,915 5 5 (B) 1,149,480 13 6	87,379 17 9	586,276 2 4	1,967 14 5	(A) 4,222,645 8 6 (B) 728,428 19 0	307,790 17 1	27,426,664 15 0	562,975 19 2	233,292 4 2*†	254,562 19 2	2,591,938 19 7	2,217,450 0 11
	£33,286,884 18s. 0d.						£33,286,884 18s. 0d.					

* Includes £9,510, Capitalized Repairs and Maintenance on Bridges—Cardinia.

† Exclusive of Diversions Branch.

Statement of Revenue setting out Arrears as at 1st July, 1950, and as at 30th June, 1951.

—	Total.	Water Act 1940 (No. 4740), Sec. 3.		General Rate.		Irrigation Charge.		Drainage Rate.		Flood Protection Charge.		Sales of Water.		Miscellaneous.
		Consolidated Arrears.	Interest.	Rate.	Interest.	Charge.	Interest.	Rate.	Interest.	Charge.	Interest.	Sales.	Interest.	
	£	£	£	£	£	£	£	£	£	£	£	£	£	£
Arrears as at 1st July, 1950	**227,292**	77,794	6,048	50,577	9,274	26,554	1,291	3,512	331	948	134	48,511	500	1,818
Assessments 1950–51	**786,800**	..	..	395,291	..	330,788	..	48,623	..	12,098	..	..	..	..
Additional Water Sales, and Interest Charges to 30th June, 1951	**283,156**	..	704	..	2,561	..	1,512	..	249	..	85	199,824	444	77,777
Total Amount Collectable, 1950-51 ..	**1,297,248**	77,794	6,752	445,868	11,835	357,342	2,803	52,135	580	13,046	219	248,335	944	79,595
Deduct—														
(i) Revenue Collected 1950–51 ..	**1,064,120**	20,355	767	396,423	2,976	333,167	1,595	48,568	245	11,692	93	170,627	369	77,243
(ii) Credits Absorbed	**4,529**	..	2	1,845	1	151	1	70	..	20	..	396	1	2,042
Balance	**228,599**	57,439	5,983	47,600	8,858	24,024	1,207	3,497	335	1,334	126	77,312	574	310
Add—Amounts Overpaid	**5,356**	..	2	1,094	1	216	4	64	1	1	..	1,481	1	2,491
Total—Gross Arrears at 30th June, 1951	**233,955**	57,439	5,985	48,694	8,859	24,240	1,211	3,561	336	1,335	126	78,793	575	2,801
Deduct—Amounts recommended for Writing off 1950–51	**28,895**	3,983	2,258	12,573	1,562	6,321	15	217	2	11	2	1,565	39	347
Balance—Net Arrears as at 30th June, 1951	**205,060**	53,456	3,727	36,121	7,297	17,919	1,196	3,344	334	1,324	124	77,228	536	2,454

This Statement is subject to Audit and minor adjustments.

WATER SUPPLY WORKS DEPRECIATION ACCOUNTS AS AT 30TH JUNE, 1951.

District.	Balance at 1st July, 1950.	Amounts Paid into Account 1950-51.	Interest 1950-51.	Total.	Expenditure 1950-51.	Balance in Account at 30th June, 1951.
	£ s. d.	£ s. d.	£ s. d.	£ s. d.	£ s. d.	£ s. d.
IRRIGATION AND WATER SUPPLY DISTRICTS.						
Bacchus Marsh	289 19 11	18 0 0	7 5 0	315 4 11	..	315 4 11
Boort	460 13 10	*59 14 10	11 10 4	531 19 0	..	531 19 0
Calivil	196 16 3	*26 19 7	4 18 5	228 14 3	..	228 14 3
Cohuna	336 13 6	..	3 11 10	340 5 4	..	340 5 4
Dingee	151 15 9	10 0 0	3 15 11	165 11 8	..	165 11 8
Katandra	182 16 10	12 0 0	4 11 5	199 8 3	..	199 8 3
Kerang	108 12 11	*21 8 10	2 14 4	132 16 1	..	132 16 1
Maffra-Sale	2,120 8 11	130 0 0	53 0 3	2,303 9 2	..	2,303 9 2
Murray Valley	692 5 2	*29 4 1	17 6 2	738 15 5	..	738 15 5
North Shepparton	429 16 2	26 0 0	10 14 11	466 11 1	..	466 11 1
Nyah (I. and W.S.)	9,900 7 6	672 0 0	247 10 2	10,819 17 8	..	10,819 17 8
Nyah (Drainage)	824 9 5	95 0 0	20 12 3	940 1 8	..	940 1 8
Red Cliffs-Merbein (I. and W.S.)	125,450 16 9	12,152 0 0	3,136 5 5	140,739 2 2	2,094 1 4	138,645 0 10
Red Cliffs-Merbein (Drainage)	20,330 6 11	1,414 0 0	508 5 2	22,252 12 1	..	22,252 12 1
Robinvale	13,165 7 11	5,120 0 0	329 2 8	18,614 10 7	..	18,614 10 7
Rochester	2,157 16 0	*147 16 11	53 18 11	2,359 11 10	..	2,359 11 10
Rodney	2,656 11 0	*207 6 10	66 8 3	2,930 6 1	..	2,930 6 1
Shepparton	1,347 1 2	*175 12 10	33 13 6	1,556 7 6	..	1,556 7 6
South Shepparton	151 1 9	10 0 0	3 15 7	164 17 4	..	164 17 4
Swan Hill (I. and W.S.)	6,178 8 3	*372 11 0	141 16 1	6,692 15 4	..	6,692 15 4
Swan Hill (Drainage)	2,386 6 4	213 0 0	59 13 2	2,658 19 6	..	2,658 19 6
Tongala-Stanhope	1,844 4 0	*126 1 0	46 2 1	2,016 7 1	..	2,016 7 1
Tragowel Plains	1,039 6 0	*84 19 10	25 19 8	1,150 5 6	..	1,150 5 6
Tresco	5,909 0 4	417 0 0	147 14 6	6,473 14 10	2 10 0	6,471 4 10
Werribee	1,465 16 8	*128 2 10	36 12 11	1,630 12 5	..	1,630 12 5
Totals	199,776 19 3	21,668 18 7	4,976 18 11	226,422 16 9	2,096 11 4	224,326 5 5
URBAN DIVISIONS OF IRRIGATION AND WATER SUPPLY DISTRICTS.						
Bacchus Marsh	1,850 3 8	126 0 0	46 5 1	2,022 8 9	681 17 9	1,340 11 0
Cohuna	1,061 10 2	999 0 0	26 10 9	2,087 0 11	257 12 4	1,829 8 7
Corop	91 1 5	6 0 0	2 5 6	99 6 11	..	99 6 11
Dingee	123 6 7	14 0 0	3 1 8	140 8 3	..	140 8 3
Heyfield	1,740 13 7	115 0 0	43 10 4	1,899 3 11	..	1,899 3 11
Leitchville	475 4 5	45 0 0	11 17 7	532 2 0	291 2 4	240 19 8
Lockington	482 4 0	261 0 0	12 1 1	755 5 1	14 4 10	741 0 3
Macorna	26 0 0	26 0 0	0 13 0	52 13 0	9 12 2	43 0 10
Murrabit	439 9 1	33 0 0	10 19 9	483 8 10	..	483 8 10
Red Cliffs	672 2 1	1,893 0 0	16 16 1	2,581 18 2	..	2,581 18 2
Robinvale	161 0 0	161 0 0	4 0 6	326 0 6	..	326 0 6
Stanhope	439 4 8	165 0 0	10 19 7	615 4 3	..	615 4 3
Tallygaroopna	47 6 3	47 6 3	1 3 8	95 16 2	..	95 16 2
Totals	7,609 5 11	3,891 6 3	190 4 7	11,690 16 9	1,254 9 5	10,436 7 4
WATERWORKS DISTRICTS.						
Bellarine Peninsula	..	1,158 0 0	..	1,158 0 0	23,485 0 0	*Cr.*22,327 0 0
Carwarp	2,756 1 11	240 0 0	68 18 1	3,065 0 0	5 8 0	3,059 12 0
Carwarp Central	290 7 8	20 0 0	7 5 2	317 12 10	56 15 0	260 17 10
Coreena	1,145 0 0	120 0 0	28 12 6	1,293 12 6	..	1,293 12 6
Harcourt	131 9 8	25 0 0	3 5 9	159 15 5	..	159 15 5
Hindmarsh	2,285 13 1	139 0 0	52 5 2	2,476 18 3	..	2,476 18 3
Long Lake	2,479 16 0	175 0 0	61 19 11	2,716 15 11	..	2,716 15 11
Millewa	36,608 18 2	2,988 0 0	915 4 5	40,512 2 7	3,269 11 1	37,242 11 6
Millewa Central	5,650 11 6	1,224 0 0	141 5 3	7,015 16 9	..	7,015 16 9
Mornington Peninsula	298 18 5	5,276 0 0	7 9 6	5,582 7 11	..	5,582 7 11
Normanville	..	410 0 0	..	410 0 0	..	410 0 0
Otway	23,876 5 3	1,924 0 0	596 18 2	26,397 3 5	..	26,397 3 5
Ouyen	2,664 7 11	188 0 0	66 12 2	2,919 0 1	..	2,919 0 1
Tyntynder	299 15 1	21 0 0	7 9 11	328 5 0	..	328 5 0
Tyrrell	609 6 4	43 0 0	15 4 8	667 11 0	..	667 11 0
Tyrrell West	566 8 8	40 0 0	14 3 2	620 11 10	..	620 11 10
Upper Western Wimmera	169 1 2	..	..	169 1 2	..	169 1 2
Walpeup West	482 10 7	260 0 0	12 1 3	754 11 10	1,346 4 5	*Cr.* 591 12 7
Western Wimmera	8,437 8 7	595 0 0	210 18 9	9,243 7 4	..	9,243 7 4
Wimmera United	2,220 8 1	193 0 0	55 10 2	2,468 18 3	97 18 4	2,370 19 11
Totals	90,972 8 1	15,039 0 0	2,265 4 0	108,276 12 1	28,260 16 10	80,015 15 3
URBAN DISTRICTS OF WATERWORKS DISTRICTS.						
Allansford	186 3 5	20 0 0	4 13 1	210 16 6	..	210 16 6
Anglesea	847 13 1	95 0 0	21 3 10	963 16 11	..	963 16 11
Antwerp	35 7 7	2 0 0	0 15 2	38 2 9	..	38 2 9
Barwon Heads and Ocean Grove	2,453 9 2	540 0 0	61 6 9	3,054 15 11	1,310 10 6	1,744 5 5
Berriwillock	242 17 6	16 0 0	6 1 5	264 18 11	86 15 0	178 3 11
Berwick	3,310 14 2	504 0 0	82 15 4	3,897 9 6	..	3,897 9 6
Beulah	265 1 2	423 0 0	6 12 6	694 13 8	..	694 13 8
Birchip	1,223 11 2	84 0 0	30 11 9	1,338 2 11	240 4 1	1,097 18 10
Birregurra	155 18 6	104 0 0	3 18 0	263 16 6	..	263 16 6
Bittern	401 2 9	42 0 0	10 0 7	453 3 4	..	453 3 4
Brim	488 0 9	31 0 0	11 15 2	530 15 11	..	530 15 11

* Direct Contributions to Depreciation Fund—Boort, £32 14s. 10d.; Calivil, £13 19s. 7d.; Kerang, £21 8s. 10d.; Murray Valley, £29 4s. 1d.; Rochester, £30 16s. 11d.; Rodney, £79 6s. 10d.; Shepparton, £128 12s. 10d.; Swan Hill, £32 11s. 0d.; Tongala-Stanhope £20 1s. 0d.; Tragowel Plains, £15 19s. 10; Werribee £46 2s. 10d.

WATER SUPPLY WORKS DEPRECIATION ACCOUNTS AS AT 30TH JUNE, 1951—*continued.*

District.	Balance at 1st July, 1950.	Amounts Paid into Account 1950-51.	Interest Credited 1950-51.	Total.	Expenditure 1950-51.	Balance in Account at 30th June, 1951.
	£ s. d.	£ s. d.	£ s. d.	£ s. d.	£ s. d.	£ s. d.
URBAN DISTRICTS OF WATERWORKS DISTRICTS—*continued.*						
Bunyip	1,894 6 4	286 0 0	47 7 2	2,227 13 6	..	2,227 13 6
Camperdown	7,806 3 6	638 0 0	195 3 1	8,639 6 7	..	8,639 6 7
Carwarp	137 5 4	16 0 0	2 4 4	155 9 8	..	155 9 8
Chelsea–Frankston	32,367 9 9	6,015 0 0	809 3 9	39,191 13 6	3,465 7 4	35,726 6 2
Chillingollah	140 16 9	8 0 0	2 18 1	151 15 10	..	151 15 10
Chinkapook	138 14 5	8 0 0	2 15 10	149 10 3	*Dr.* 10 1 8	159 11 11
Cobden	1,885 3 0	155 0 0	47 2 7	2,087 5 7	..	2,087 5 7
Coliban	58,193 10 2	7,691 0 0	1,454 16 9	67,339 6 11	12,088 10 4	55,250 16 7
Cranbourne	1,508 2 7	137 0 0	37 14 1	1,682 16 8	1,310 13 9	372 2 11
Crib Point	1,177 5 0	164 0 0	29 8 8	1,370 13 8	..	1,370 13 8
Culgoa	275 16 0	18 0 0	6 16 8	300 12 8	219 8 2	81 4 6
Dandenong–Springvale	31,369 6 7	7,723 0 0	784 4 8	39,876 11 3	3,620 19 2	36,255 12 1
Dimboola	..	1,355 0 0	..	1,355 0 0	..	1,355 0 0
Dooen	166 16 10	11 0 0	4 3 5	182 0 3	..	182 0 3
Dromana–Portsea	14,979 18 4	4,539 0 0	374 9 11	19,893 8 3	..	19,893 8 3
Drysdale	1,256 11 5	170 0 0	31 8 3	1,457 19 8	375 0 0	1,082 19 8
Garfield	1,439 5 2	137 0 0	35 19 8	1,612 4 10	..	1,612 4 10
Hastings	2,060 2 9	180 0 0	51 10 1	2,291 12 10	..	2,291 12 10
Hopetoun	845 19 4	811 0 0	21 3 0	1,678 2 4	..	1,678 2 4
Jeparit	201 5 10	639 0 0	5 0 8	845 6 6	323 0 0	522 6 6
Jung Jung	662 3 1	45 0 0	16 11 1	723 14 2	..	723 14 2
Koondrook	773 2 9	64 0 0	19 6 7	856 9 4	34 19 9	821 9 7
Lake Boga	274 15 11	68 0 0	6 17 5	349 13 4	..	349 13 4
Lalbert	461 3 11	42 0 0	11 10 7	514 14 6	..	514 14 6
Lascelles	123 9 8	21 0 0	3 1 9	147 11 5	115 19 8	31 11 9
Longwarry	1,455 8 6	391 0 0	36 7 9	1,882 16 3	..	1,882 16 3
Manangatang	..	33 0 0	..	33 0 0	4 0 0	29 0 0
Marong	585 4 4	39 0 0	14 12 7	638 16 11	..	638 16 11
Marnoo	659 1 10	183 0 0	12 10 6	854 12 4	..	854 12 4
Merbein	602 7 1	137 0 0	15 1 2	754 8 3	*Dr.* 5 0 0	759 8 3
Meringur	165 16 1	13 0 0	4 2 11	182 19 0	88 16 8	94 2 4
Minyip	229 6 2	75 0 0	5 14 8	310 0 10	..	310 0 10
Mitiamo	515 2 9	39 0 0	12 17 7	567 0 4	23 15 10	543 4 6
Mornington	8,892 13 11	1,705 0 0	222 6 4	10,820 0 3	249 16 4	10,570 3 11
Nandaly	32 11 1	9 0 0	0 16 3	42 7 4	..	42 7 4
Natimuk	758 19 0	250 0 0	18 19 6	1,027 18 6	..	1,027 18 6
Newstead	769 15 8	51 0 0	19 4 11	840 0 7	..	840 0 7
Nullawil	70 2 4	10 0 0	1 15 1	81 17 5	..	81 17 5
Nyah	408 3 1	131 0 0	10 0 2	549 3 3	101 16 2	447 7 1
Nyah West	1,598 17 3	566 0 0	39 19 5	2,204 16 8	..	2,204 16 8
Ouyen	776 7 10	111 0 0	19 8 2	906 16 0	1,288 6 7	*Cr.* 381 10 7
Pakenham	3,389 19 2	505 0 0	84 15 0	3,979 14 2	..	3,979 14 2
Patchewollock	31 2 11	117 0 0	0 15 7	148 18 6	10 13 4	138 5 2
Piangil	33 3 3	52 0 0	0 16 7	85 19 10	..	85 19 10
Portarlington	2,849 3 6	302 0 0	71 4 7	3,222 8 1	415 18 1	2,806 10 0
Pyramid Hill	465 19 10	339 0 0	11 13 0	816 12 10	48 8 2	768 4 8
Quambatook	106 16 5	293 0 0	2 13 5	402 9 10	*Dr.* 37 10 0	439 19 10
Queenscliff and Point Lonsdale ..	5,156 9 3	1,080 0 0	128 18 3	6,365 7 6	5,533 14 6	831 13 0
Rainbow	690 17 0	598 0 0	17 5 5	1,306 2 5	..	1,306 2 5
Rupanyup	716 11 4	127 0 0	17 18 3	861 9 7	..	861 9 7
Sea Lake	895 12 5	275 0 0	22 7 10	1,193 0 3	..	1,193 0 3
Somerville	872 0 5	80 0 0	21 16 0	973 16 5	..	973 16 5
South Frankston	3,594 11 10	1,064 0 0	89 17 4	4,748 9 2	..	4,748 9 2
Speed	386 4 5	19 0 0	7 2 11	412 7 4	147 17 0	264 10 4
Tempy	339 17 7	17 0 0	6 8 8	363 6 3	..	363 6 3
Terang	6,214 15 2	506 0 0	155 7 5	6,876 2 7	..	6,876 2 7
Torquay	1,466 1 2	113 0 0	36 13 0	1,615 14 2	..	1,615 14 2
Ultima	42 7 2	36 0 0	1 1 2	79 8 4	21 16 8	57 11 8
Waitchie	265 7 5	18 0 0	6 12 8	290 0 1	..	290 0 1
Walpeup	195 8 2	13 0 0	4 17 8	213 5 10	..	213 5 10
Watchem	381 7 5	35 0 0	9 10 8	425 18 1	6 13 4	419 4 9
Werrimull	492 11 0	42 0 0	12 6 3	546 17 3	..	546 17 3
Wonthaggi	4,840 18 2	3,414 0 0	121 0 5	8,375 18 7	575 2 11	7,800 15 8
Woomelang	986 13 4	265 0 0	24 13 4	1,276 6 8	172 8 7	1,103 18 1
Woorinen	277 1 2	16 0 0	5 19 7	299 0 9	..	299 0 9
Wycheproof	2,348 1 0	143 0 0	58 14 0	2,549 15 0	97 2 6	2,452 12 6
Yaapeet	148 4 5	18 0 0	3 14 1	169 18 6	88 6 6	81 12 0
Totals	224,455 15 6	46,032 0 0	5,598 12 9	276,086 8 3	32,013 9 3	244,072 19 0
BUILDINGS.						
Buildings	25,386 4 1	10,000 0 0	634 13 1	36,020 17 2	1,129 5 1	34,891 12 1
Totals	25,386 4 1	10,000 0 0	634 13 1	36,020 17 2	1,129 5 1	34,891 12 1
PLANT WORKSHOPS.						
Bendigo	2,809 7 6	1,245 0 0	70 4 8	4,124 12 2	..	4,124 12 2
Totals	2,809 7 6	1,245 0 0	70 4 8	4,124 12 2	..	4,124 12 2
Grand Totals	551,010 0 4	97,876 4 10	13,735 18 0	662,622 3 2	64,754 11 11	597,867 11 3

RECONCILIATION OF WATER SUPPLY WORKS DEPRECIATION ACCOUNT WITH WATER SUPPLY WORKS DEPRECIATION FUND (ACT 3801 AS AMENDED BY ACT 4513).

Water Supply Works Depreciation Account.

	£ s. d.	£ s. d.
Balance from 1949–50		551,010 0 4
Paid into Account, 1950-51 ..	97,425 6 3	
Paid by Commission direct to Fund 1950–51	450 18 7	
		97,876 4 10
		648,886 5 2
Interest credited 1950–51		13,735 18 0
		662,622 3 2
Less Expenditure 1950–51		64,754 11 11
		597,867 11 3

Water Supply Works Depreciation Fund (in Treasury).

	£ s. d.	£ s. d.	£ s. d.
Credit Balance as at 30th June, 1950	18,455 0 10		
Investments redeemed 1950–51	62,000 0 0		
Paid by Commission direct to Fund 1950–51	450 18 7		
Amount transferred to Fund by Treasury 1950–51	..		
Interest earned in Investment Account 1950–51	7,687 19 9		
	88,593 19 2		
Less— £ s. d.			
Expenditure 1950–51 .. 64,754 11 11			
Amount Invested by Treasury 1950–51 ..			
	64,754 11 11		
			23,839 7 3
Amount at credit of Sundry Investment Account			259,000 0 0
Amount credited to Account in Commission's books — not credited to Fund by Treasury at 30th June, 1950 ..	191,320 3 9		
Add Amount paid to Revenue 1950–51	97,425 6 3		
	288,745 10 0		
Less Amount transferred to Fund by Treasury 1950–51 ..	..		
	288,745 10 0		
Add— £ s. d.			
Total Interest credited to Account in Commission books at 30th June, 1951 .. 83,827 0 3			
Less—			
Amount credited to Fund by Treasury at 30th June, 1951 .. 57,544 6 3			
	26,282 14 0		
Amount not credited to Fund by Treasury at 30th June, 1951			315,028 4 0
			597,867 11 3

WATER SUPPLY PLANT AND MACHINERY ACCOUNT (ACT 4761).

Summary of Operating Transactions for Year ended 30th June, 1951.

	£ s. d.	£ s. d.
Balance as at 1st July, 1950		87,689 1 7
Amounts charged on moneys authorized for carrying out construction and maintenance of Commission works on which plant and machinery were engaged with respect to Capital Liability of £1,567,192 18s. 2d. as at 30th June, 1951 ..		
Interest	20,759 1 5	
Redemption	1,729 18 8	
Depreciation	95,624 10 8	
Cost of Operation, Maintenance, Repairs	184,563 14 8	
		302,677 5 5
Interest—Depreciation Fund Investment		5,360 0 0
		395,726 7 0

	£ s. d.	£ s. d.
Interest due for year paid to Revenue No. 2 to 30th June, 1951		41,241 4 11
Redemption paid to Revenue No. 9 Miscellaneous to 30th June, 1951		3,432 6 1
Water Supply Plant and Machinery Depreciation Fund Investment in Treasury ..	95,587 4 7	
Interest on Fund Investment ..	5,360 0 0	
		100,947 4 7
Cost of operation Maintenance and Repairs, &c.		216,972 18 0
Plant and Machinery Operating Account Reserve as at 30th June, 1951		33,132 13 5
		395,726 7 0

WATER SUPPLY PLANT AND MACHINERY ACCOUNT (ACT 4761).

SUMMARY OF CAPITAL TRANSACTIONS FOR YEAR ENDED 30TH JUNE, 1951.

	£ s. d.	£ s. d.
Plant and Machinery—		
Debit Balance in Account as at 30th June, 1950	1,168,241 19 4	
Add—Purchases of Plant during year 1950–51	405,873 4 11	1,574,115 4 3
Deduct—		
Redemption paid to Treasury 30th June, 1951	3,432 6 1	
Repayments to State Loans Repayment Fund	3,490 0 0	6,922 6 1
Total Capital Liability		1,567,192 18 2

Note.—Interest paid to Treasury in respect to Capital Liability of Plant and Machinery Account—

	£ s. d.
Plant and Machinery—	
Payments to 30th June, 1950	71,727 2 5
Amount due and paid for year 1950–51	41,241 4 11
	112,968 7 4

RECONCILIATION OF WATER SUPPLY PLANT AND MACHINERY ACCOUNT WITH WATER SUPPLY PLANT AND MACHINERY DEPRECIATION FUND (ACT 4761).

Water Supply Plant and Machinery Depreciation Account.

	£ s. d.	£ s. d.
Credit Balance as at 30th June, 1950		291,262 0 7
Add—		
Proceeds from Hire of Plant ..	95,587 4 7	
Other Credits to Account ..	2,240 0 0	
	97,827 4 7	
Add Interest credited for year 1950–51	5,360 0 0	
	103,187 4 7	
Less Expenditure for replacement of Plant	15,537 15 3	87,649 9 4
		378,911 9 11

Water Supply Plant and Machinery Depreciation Fund (in Treasury).

	£ s. d.	£ s. d.
Balance as per Treasury General Account at 30th June, 1950		68,262 0 7
Payments to Fund during 1950–51	97,827 4 7	
Interest credited by Treasury on Investments for year 1950–51 ..	5,360 0 0	103,187 4 7
		171,449 5 2
Less Withdrawal for replacement of plant		15,537 15 3
Balance as per Treasury General Account at 30th June, 1951		155,911 9 11
Amount Invested in Treasury Investment Account		223,000 0 0
		378,911 9 11

CAPITAL EXPENDITURE.

STATEMENT OF MONEYS EXPENDED UNDER WATER SUPPLY LOAN ACTS FOR THE YEAR ENDED 30TH JUNE, 1951.

Works.	Water Supply Loan Funds.		
	Act 5418.	Act 5485.	Total.
	£ s. d.	£ s. d.	£ s. d.
Main Supply Works, Stores and Workshops.			
Bulk Store and Storeyard, South Melbourne	1,294 9 7	311 15 10	1,606 5 5
Cairn Curran Reservoir	64,565 4 9	481,278 10 2	545,843 14 11
Central Plant Workshops—			
Golden Square	15,522 4 3	21,065 8 11	36,587 13 2
Kerang Sub-Depot	470 4 8	229 15 4	700 0 0
Commission Buildings	4,078 9 6	5,264 19 2	9,343 8 8
East Goulburn Main Channel	..	1,643 8 7	1,643 8 7
Eildon Reservoir Enlargement	99,153 5 11	2,470,493 13 10	2,569,646 19 9
Eppalock Reservoir	743 10 10	68 3 4	811 14 2
Glenelg River Works to Wimmera-Mallee Section	0 7 1	18,901 11 3	18,901 18 4
Glenmaggie Reservoir	169 6 3	7,603 16 4	7,773 2 7
Goulburn-Waranga Channel Duplication	21,613 8 4	64,799 9 11	86,412 18 3
Kow Swamp Works	1,060 8 10	179 14 2	1,240 3 0
Little River Weir	1,579 17 3	5,147 5 1	6,727 2 4
Loddon River Works	..	250 13 6	250 13 6
Loddon Weir	1 1 0	0 1 8	1 2 8
Plant and Machinery	178,192 19 4	227,680 5 7	405,873 4 11
River Improvements	113 5 5	6,797 14 2	6,910 19 7
River Murray Agreement Works	20,000 0 0	..	20,000 0 0
Rocklands Outlet Channel	10,040 8 1	226,645 13 6	236,686 1 7
Rocklands Reservoir	20,907 9 8	221,168 6 6	242,075 16 2
Surveys and Investigations	8,060 15 5	68,159 7 0	76,220 2 5
Toolondo Outlet Channel	3,128 2 9	79,069 15 8	82,197 18 5
Torrumbarry System	50 15 0	100 14 11	151 9 11
Waranga Reservoir	95 6 1	24 14 2	120 0 3
Waranga West Extension, Loddon—Avoca, Section 1	..	35 15 8	35 15 8
Water Supply Stores Suspense	..	300,000 0 0	300,000 0 0
Wimmera—Main Channels	*Cr.* 36 10 0	442 13 3	406 3 3
Wimmera Storages	647 1 2	4,119 15 0	4,766 16 2
Irrigation and Water Supply Districts.			
Bacchus Marsh	193 18 11	979 1 3	1,173 0 2
Boort	2,000 5 0	3,465 12 1	5,465 17 1
Calivil	61 18 1	126 1 9	187 19 10
Campaspe	3,411 11 5	12,891 10 8	16,303 2 1
Central Gippsland	55,721 3 5	414,854 1 3	470,575 4 8
Cohuna	306 12 7	2,646 1 10	2,952 14 5
Deakin	80 18 5	344 17 5	425 15 10
Dingee	449 2 4	572 12 4	1,021 14 8
Fish Point	14 18 2	8 13 10	23 12 0
Katandra	26 12 8	138 7 0	164 19 8
Kerang	39 18 0	227 18 5	267 16 5
Koondrook	95 18 7	351 14 4	447 12 11
Maffra-Sale	4,850 6 2	13,798 10 3	18,648 16 5
Murray Valley	69,630 5 2	224,591 19 3	294,222 4 5
Mystic Park	3 15 11	53 1 8	56 17 7
North Shepparton	242 10 3	337 5 10	579 16 1
Nyah	2,589 16 9	4,986 1 9	7,575 18 6
Red Cliffs-Merbein	2,136 19 0	2,944 19 9	5,081 18 9
Robinvale	35,180 3 0	65,136 19 10	100,317 2 10
Rochester	2,591 9 9	5,146 9 9	7,737 19 6
Rodney	4,348 10 0	14,752 16 3	19,101 6 3
Shepparton	122 17 11	296 1 2	418 19 1
South Shepparton	14 15 6	66 8 5	81 3 11
Swan Hill	101 0 10	112 10 9	213 11 7
Third Lake	5 1 9	17 4 0	22 5 9
Tongala-Stanhope	1,045 6 0	2,923 10 4	3,968 16 4
Tragowel Plains	193 6 4	1,024 10 5	1,217 16 9
Tresco	185 13 5	439 1 3	624 14 8
Werribee	429 4 3	815 6 2	1,244 10 5
Urban Divisions of Irrigation and Water Supply Districts.			
Bacchus Marsh	41 0 0	316 5 6	357 5 6
Cohuna	226 0 2	98 2 7	324 2 9
Heyfield	826 9 9	90 13 11	917 3 8
Leitchville	118 15 0	177 12 0	296 7 0
Lockington	70 15 5	32 8 6	103 3 11
Macorna	..	109 5 11	109 5 11
Red Cliffs	351 16 5	1,556 8 1	1,908 4 6
Robinvale	837 10 11	999 2 4	1,836 13 3
Stanhope	301 15 10	605 19 8	907 15 6
Tallygaroopna	*Cr.* 31 14 7	5 19 0	*Cr.* 25 15 7
Carried forward	640,267 19 8	4,989,524 9 0	5,629,792 8 8

CAPITAL EXPENDITURE—*continued.*

STATEMENT OF MONEYS EXPENDED UNDER WATER SUPPLY LOAN ACTS FOR THE YEAR ENDED 30TH JUNE, 1951—*continued.*

Works.	Water Supply Loan Funds.		
	Act 5418.	Act 5485.	Total.
	£ s. d.	£ s. d.	£ s. d.
Brought forawrd	640,267 19 8	4,989,524 9 0	5,629,792 8 8
Waterworks Districts.			
Axe Creek	8 15 2	13 10 11	22 6 1
Bellarine Peninsula (including Headworks)	32,260 8 0	29,372 16 11	61,633 4 11
Birchip	26 15 5	115 1 8	141 17 1
Carwarp	8 11 0	10 13 1	19 4 1
Carwarp Central	0 9 9	0 12 2	1 1 11
Coreena	196 10 9	238 16 5	435 7 2
Harcourt	30 7 7	46 19 3	77 6 10
Hindmarsh	3 13 11	7 0 5	10 14 4
Karkarooc	..	110 9 8	110 9 8
Kerang—North West Lakes	0 15 8	6 10 0	7 5 8
Loddon	1 12 0	3 5 0	4 17 0
Long Lake	158 17 2	143 18 2	302 15 4
Millewa	178 7 2	662 13 11	841 1 1
Millewa Central	27 12 8	34 9 1	62 1 9
Mornington Peninsula (including Headworks)	88,434 0 1	218,154 16 0	306,588 16 1
Normanville	354 11 4	3,433 1 4	3,787 12 8
Otway	510 15 4	942 6 3	1,453 1 7
Sea Lake	39 14 7	170 15 3	210 9 10
Tyntynder	463 6 1	228 8 3	691 14 4
Tyrrell	385 9 7	435 7 0	820 16 7
Tyrrell West	91 14 11	221 9 1	313 4 0
Upper Western Wimmera	13 16 11	26 5 11	40 2 10
Upper Wimmera United	644 8 6	175 5 6	819 14 0
Walpeup West	81 13 11	92 5 3	173 19 2
Werribee	33 5 2	15 4 0	48 9 2
West Loddon	41 5 0	230 7 2	271 12 2
Western Wimmera	126 13 11	970 1 5	1,096 15 4
Wimmera United	1,499 11 8	1,522 16 5	3,022 8 1
Wycheproof	46 6 3	268 5 8	314 11 11
Wychitella	598 0 9	3,065 4 9	3,663 5 6
Yelta	0 0 11	0 3 8	0 4 7
Urban Districts of Waterworks Districts.			
Allansford	48 3 1	15 11 2	63 14 3
Anglesea	893 5 0	419 7 7	1,312 12 7
Barwon Heads and Ocean Grove	924 17 0	1,053 8 8	1,978 5 8
Berwick	*Cr.* 28 15 3	213 18 8	185 3 5
Beulah	..	13 9 7	13 9 7
Birchip	..	24 18 4	24 18 4
Birregurra	162 4 2	1,066 3 2	1,228 7 4
Bittern	5 18 5	12 1 4	17 19 9
Brim	1,058 9 0	909 7 2	1,967 16 2
Bunyip	*Cr.* 21 9 0	96 4 9	74 15 9
Camperdown	499 8 6	178 19 2	678 7 8
Chelsea–Frankston	4,056 17 8	21,540 11 9	25,597 9 5
Chillingollah	2 10 0	1 16 9	4 6 9
Chinkapook	0 5 0	..	0 5 0
Cobden	33 15 2	74 9 1	108 4 3
Coliban	64,545 1 8	96,368 13 0	160,913 14 8
Cranbourne	37 17 9	945 16 9	983 14 6
Crib Point	*Cr.* 13 5 3	120 11 4	107 6 1
Dandenong-Springvale	2,058 10 5	14,237 5 9	16,295 16 2
Dimboola	50 4 6	169 14 2	219 18 8
Dromana–Portsea	511 2 6	1,667 14 3	2,178 16 9
Drysdale	306 8 5	32 12 8	339 1 1
Garfield	*Cr.* 3 5 1	86 4 5	82 19 4
Garvoc	45 11 3	3 16 8	49 7 11
Hastings	*Cr.* 13 7 7	196 10 4	183 2 9
Hopetoun	14 10 10	71 3 10	85 14 8
Jeparit	..	28 12 8	28 12 8
Jung Jung	400 5 6	736 12 0	1,136 17 6
Longwarry	*Cr.* 21 4 9	154 10 1	133 5 4
Manangatang	..	161 8 9	161 8 9
Marong	3 14 11	5 15 11	9 10 10
Merbein	15 0 0	57 7 8	72 7 8
Meringur	..	1,774 6 7	1,774 6 7
Minyip	4 10 1	9 10 4	14 0 5
Mornington	2,069 14 4	1,304 8 4	3,374 2 8
Nandaly	11 4 8	0 18 4	12 3 0
Natimuk	..	14 6 1	14 6 1
Newstead	..	310 0 8	310 0 8
Carried forward	844,193 13 9	5,394,321 16 4	6,238,515 10 1

CAPITAL EXPENDITURE—*continued.*

STATEMENT OF MONEYS EXPENDED UNDER WATER SUPPLY LOAN ACTS FOR THE YEAR ENDED 30TH JUNE, 1951—*continued.*

Works.	Water Supply Loan Funds.		
	Act 5418.	Act 5485.	Total.
	£ s. d.	£ s. d.	£ s. d.
Brought forward	844,193 13 9	5,394,321 16 4	6,238,515 10 1
Urban Districts of Waterworks Districts—continued.			
Nyah West	60 8 4	5 0 0	65 8 4
Ouyen	166 10 1	33 16 3	200 6 4
Pakenham	*Cr.* 12 10 8	273 7 5	260 16 9
Patchewollock	11 4 9	0 18 4	12 3 1
Piangil	..	37 2 9	37 2 9
Portarlington	344 2 8	28 13 4	372 16 0
Queenscliff and Point Lonsdale	364 10 10	403 8 1	767 18 11
Rainbow	20 13 11	52 14 10	73 8 9
Sea Lake	51 13 9	6 1 9	57 15 6
Somerville	*Cr.* 16 12 6	57 11 5	40 18 11
South Frankston	*Cr.* 47 11 9	549 5 3	501 13 6
Speed	5 7 9	38 6 11	43 14 8
Tempy	..	0 17 10	0 17 10
Terang	582 15 2	152 18 3	735 13 5
Torquay	1,243 9 4	426 18 6	1,670 7 10
Ultima	1,420 8 6	215 16 8	1,636 5 2
Walpeup	4 13 2	1 15 5	6 8 7
Werrimul	..	269 12 0	269 12 0
Wonthaggi	495 17 10	165 0 11	660 18 9
Wycheproof	117 11 0	53 4 0	170 15 0
Yaapeet	5 7 11	1 13 11	7 1 10
Flood Protection Districts.			
Cardinia	105 6 3	90 5 7	195 11 10
Lower Kooweerup	3,985 8 5	14,900 5 4	18,885 13 9
Drainage District.			
Carrum	894 19 1	517 16 0	1,412 15 1
Works under General Supervision of Commission.			
Waterworks Trusts and Local Governing Bodies	211,546 14 4	644,608 16 7	856,155 10 11
River Improvement Trusts	..	2,145 0 0	2,145 0 0
Totals	1,065,544 1 11	6,059,358 3 8	7,124,902 5 7

COUNTRY SEWERAGE AUTHORITIES.

	£ s. d.
Country Sewerage Loan and Application Act No. 5256—Expenditure for year ended 30th June, 1951 ..	27,892 0 5

LOAN CAPITAL ACCOUNTS

LOAN CAPITAL ACCOUNTS.

WORKS UNDER CONTROL OF COMMISSION.

The following statement gives a brief description, summary of Loan Capital expenditure under Loan Application Acts, and other particulars relative to the undermentioned works:—

A.—CAPITAL WORKS AND CHARGES.

	Capital Charges Borne by Districts and Works.	Capital Charges Borne by the State Account.	Total.		Totals at 30th June, 1951.
	£ s. d.	£ s. d.	£ s. d.	£ s. d.	£ s. d.
Geelong (inclusive of Loan Flotation Expenses)	..	164,147 2 8	164,147 2 8		
Eppalock Reservoir	..	117,883 12 11	117,883 12 11		
Goulburn Levees	..	30,797 0 4	30,797 0 4		
Torrumbarry System (excluding Weir)	..	13,798 9 9	13,798 9 9		
Lang Lang River Works	..	48,543 8 9	48,543 8 9		
Surveys and Preliminary Investigations	..	434,836 12 7	434,836 12 7		
Loan Flotation Expenses	..	1,502,431 16 8	1,502,431 16 8		
River Improvements	..	14,973 4 10	14,973 4 10		
				2,327,411 8 6	
Bulk Store and Storeyard, South Melbourne	..	4,596 4 6	4,596 4 6		
Water Supply Stores Suspense	..	890,000 0 0	890,000 0 0		
Plant and Machinery Suspense	1,567,192 18 2	..	1,567,192 18 2		
Central Plant Workshops, Bendigo (Land, Buildings, and Services, £113,116 12s. 10d.; Equipment, £22,395 10s. 3d.; Residences, £35,521 16s. 0d.)	17,636 8 0	153,397 11 1	171,033 19 1		
Plant, Sub-Depot, Kerang	361 14 7	3,382 9 0	3,744 3 7		
Commission Buildings ("Carlisle House," Exhibition-street, Melbourne, £47,415 12s. 7d.; Hydraulic Research Station, Werribee, £24,827 17s., including residences; Research and Testing Depot, Hawthorn, £7,367 7s. 7d.)	..	79,610 17 2	79,610 17 2		
Little River Weir	..	9,816 4 11	9,816 4 11		
				2,725,994 7 5	
					5,053,405 15 11

B.—STATE WORKS OF WATER SUPPLY.

CAPITAL COST OF WHICH IS CHARGEABLE TO CAPITAL EXPENDITURE BORNE BY THE STATE ACCOUNT.

Broken River Works.—Casey's Weir and offtake, with about 59 chains of channel to the Broken Creek; Gowangardie Weir with offtake sluice	14,855 13 9	
Goulburn River Works.—Weir on the Goulburn River, about 9 miles above Murchison; channel therefrom, about 23½ miles, to Waranga Reservoir; and that Reservoir (but exclusive of the work of its enlargement)	737,412 7 0	
Kerang North-West Lakes Works.—Weir on the Loddon River at its confluence with the Pyramid Creek; regulating weirs at the effluence from the Loddon of the Sheepwash and Washpen Creeks; channel from the Washpen Creek regulator to Reedy Lake, Middle Lake, Third Lake, Lake Charm, Racecourse Lake, Cullen's Lake, Kangaroo Lake, and Lake Tutchewop, and to the Little Murray River, with water storage works at these lakes	26,671 12 10	
Kow Swamp Works.—Intake from the River Murray with regulator, at the effluence of the Gunbower Creek; channel thence to the Kow Swamp Reservoir; and that Reservoir; channel along the northern side of the reservoir; channel from the outlet of the reservoir, about 23½ miles, to the left bank of the Loddon River	203,309 6 0	
Lake Lonsdale Reservoir.—Reservoir at Lake Lonsdale, on the Little Wimmera River, near Ledcourt	49,057 4 2	
Loddon River Works.—Laanecoorie Weir, on the Loddon; Bridgewater Weir, on the Loddon; Kinypaniel Weir, on the Loddon	174,476 10 1	
Long Lake Pumping Works.—Inlet to Lake Baker, from the Little Murray River; water storage works at Lake Baker and Long Lake, with channel connecting these lakes; pumping plant at Long Lake, with rising main thence about 7 miles to allotment 10M, parish of Kooem; system of main distributary channels, about 85 miles in length	27,305 18 5	
Lower Wimmera Compensation Works.—Drung Drung Weir, on the Wimmera, near allotment 29, parish of Longerenong; Dimboola Weir, on the Wimmera, near Dimboola township; Antwerp Weir, on the Wimmera at Antwerp Station homestead; Jeparit Weir on the Wimmera, near Jeparit township	8,663 12 3	
		1,241,752 4 6

C.—HEADWORKS.

In Respect of Irrigation and Water Supply Districts and Waterworks Districts.

	£	s.	d.	£	s.	d.	£	s.	d.	£	s.	d.
Goulburn and Loddon Storages—												
Investigations	6,534	7	4									
Eildon Reservoir	1,863,063	1	3									
Eildon Reservoir Enlargement (Proposed—Not Apportioned to Districts)	2,725,103	8	8									
Waranga Reservoir Enlargement	609,868	19	11									
Laanecoorie Weir Improvements	2,509	9	3									
Cairn Curran Reservoir (Under construction—Not Apportioned to Districts)	1,613,328	1	10									
				6,820,407	8	3						
Goulburn Main Channels—												
East Goulburn Main	367,332	2	3									
Goulburn–Waranga	6,922	8	4									
Goulburn–Waranga Duplication (Proposed—Not Apportioned to Districts)	159,456	11	11									
Waranga–Western Main	1,047,686	18	3									
Main Distributaries	11,235	6	1									
				1,592,633	6	10						
Total Goulburn and Loddon Works				8,413,040	15	1						
Less Debited to Wimmera–Mallee				99,325	10	1						
							8,313,715	5	0			
Bacchus Marsh and Werribee Schemes—												
Ballan Tunnel				21,677	14	8						
Pykes Creek Reservoir				143,544	7	9						
Melton Reservoir				99,985	6	6						
Lerderderg River Flats				330	0	8						
							265,537	9	7			
Bellarine Peninsula Waterworks District (exclusive of cost of Urban Reticulation)				571,680	15	11						
Less Redemption paid to Revenue				1,887	5	1						
							569,793	10	10			
Mornington Peninsula Waterworks District (exclusive of (a) cost of Distributary Works and Urban Reticulation, (b) Tarago Works)				1,240,294	0	9						
Less Redemption paid to Revenue				1,936	13	3						
							1,238,357	7	6			
Tarago Works (Not Apportioned to Districts)							302,229	16	4			
Maffra–Sale Scheme—Glenmaggie Reservoir (includes Expenditure on Proposed Enlargement, £7,792 0s. 1d.—Not Apportioned to Districts)							694,430	15	0			
River Murray Agreement Works (Victorian Contributions under River Murray Waters Acts)							2,990,745	13	8			
River Murray Agreement Works—Tallangatta Township Removal (Not Apportioned to Districts)							20,000	0	0			
River Murray State Works—Surveys, &c.							7,506	18	7			
Otway Waterworks District (exclusive of cost of Urban Reticulation)				292,753	0	0						
Less Redemption Paid to Revenue				3,116	2	11						
							289,636	17	1	**17,897,877**	**6**	**3**
Wimmera–Mallee—												
Main Channels and Storages inclusive of £99,326 10s. 1d. from Goulburn Works				976,121	5	11						
Glenelg River Development Works (Under Construction, Not Apportioned to Districts)				2,229,802	16	9	3,205,924	2	8			
							Carried forward			**24,193,035**	**6**	**8**

LOAN CAPITAL ACCOUNTS—*continued.*

Name of District.	Loan Capital Expenditure.			Allotted to District.	Capital Expenditure borne by the State Account.			Totals at 30th June, 1951.
	Headworks.	Distributary Works.	Total.		Headworks.	Distributary Works.	Total.	
	£ s. d.	£ s. d.	£ s. d.	£ s. d.	£ s. d.	£ s. d.	£ s. d.	£ s. d.
Brought forward ..								24,193,035 6 8
D.—IRRIGATION AND WATER SUPPLY DISTRICTS.								
1. Bacchus Marsh	83,253 1 8	104,603 1 7	187,856 3 3	..	83,253 1 8	104,603 1 7	187,856 3 3	
2. Boort	169,366 19 0	108,286 10 3	277,653 9 3	..	169,366 19 0	108,286 10 3	277,653 9 3	
3. Calivil	81,159 5 6	116,999 1 1	198,158 6 7	..	81,159 5 6	116,999 1 1	198,158 6 7	
4. Campaspe	4,997 7 2	32,285 17 0	37,283 4 2	..	4,997 7 2	32,285 17 0	37,283 4 2	
5. Central Gippsland (under construction)	..	980,286 12 11	980,286 12 11	..	..	980,286 12 11	980,286 12 11	
6. Cohuna	500,500 8 1	358,326 6 6	858,826 14 7	..	500,500 8 1	358,326 6 6	858,826 14 7	
7. Deakin	36,676 2 2	60,287 2 1	96,963 4 3	..	36,676 2 2	60,287 2 1	96,963 4 3	
8. Dingee	57,904 1 8	35,569 19 6	93,474 1 2	..	57,904 1 8	35,569 19 6	93,474 1 2	
9. Fish Point	21,707 0 0	18,214 12 7	39,921 12 7	..	21,707 0 0	18,214 12 7	39,921 12 7	
10. Katandra	74,953 10 9	109,171 18 4	184,125 9 1	..	74,953 10 9	109,171 18 4	184,125 9 1	
11. Kerang	251,516 0 0	136,356 11 7	387,872 11 7	..	251,516 0 0	136,356 11 7	387,872 11 7	
12. Koondrook	247,864 0 0	237,066 17 8	484,930 17 8	..	247,864 0 0	237,066 17 8	484,930 17 8	
13. Maffra–Sale	686,638 14 11	654,618 7 4	1,341,257 2 3	..	686,638 14 11	654,618 7 4	1,341,257 2 3	
14. Murray Valley	897,294 4 6	1,935,058 18 1	2,832,353 2 7	..	897,294 4 6	1,935,058 18 1	2,832,353 2 7	
15. Mystic Park	39,419 19 8	19,412 18 7	58,832 18 3	..	39,419 19 8	19,412 18 7	58,832 18 3	
16. North Shepparton	158,203 2 6	212,716 3 11	370,919 6 5	..	158,203 2 6	212,716 3 11	370,919 6 5	
17. Nyah	74,857 0 0	193,973 9 9	268,830 9 9	..	74,857 0 0	193,973 9 9	268,830 9 9	
18. Red Cliffs–Merbein	478,912 0 0	1,096,290 9 1	1,575,202 9 1	..	478,912 0 0	1,096,290 9 1	1,575,202 9 1	
19. Robinvale (under construction)	..	513,230 11 4	513,230 11 4	..	..	513,230 11 4	513,230 11 4	
20. Rochester	839,248 17 6	364,262 18 4	1,203,511 15 10	..	839,248 17 6	364,262 18 4	1,203,511 15 10	
21. Rodney	902,220 8 4	668,353 4 6	1,570,573 12 10	..	902,220 8 4	668,353 4 6	1,570,573 12 10	
22. Shepparton	287,091 9 9	212,437 12 9	499,529 2 6	..	287,091 9 9	212,437 12 9	499,529 2 6	
23. South Shepparton	58,868 2 10	60,566 14 5	119,434 17 3	..	58,868 2 10	60,566 14 5	119,434 17 3	
24. Swan Hill	293,491 17 0	192,190 1 6	485,681 18 6	..	293,491 17 0	192,190 1 6	485,681 18 6	
25. Third Lake	25,637 0 0	25,965 3 9	51,602 3 9	..	25,637 0 0	25,965 3 9	51,602 3 9	
26. Tongala–Stanhope	640,696 6 2	311,009 10 9	951,705 16 11	..	640,696 6 2	311,009 10 9	951,705 16 11	
27. Tragowel Plains	504,386 12 3	282,281 0 3	786,667 12 6	..	504,386 12 3	282,281 0 3	786,667 12 6	
28. Tresco	25,960 0 0	98,053 17 2	124,013 17 2	..	25,960 0 0	98,053 17 2	124,013 17 2	
29. Werribee	182,284 7 11	129,283 2 6	311,567 10 5	..	182,284 7 11	129,283 2 6	311,567 10 5	
Totals	7,625,107 19 4	9,267,158 15 1	16,892,266 14 5	..	7,625,107 19 4	9,267,158 15 1	16,892,266 14 5	9,267,158 15 1

E.—URBAN DIVISIONS OF IRRIGATION AND WATER SUPPLY DISTRICTS.

1. Bacchus Marsh	..	..	..			14,900	2	10	14,900	2	10	9,974	14	0	..		4,925	8	10	4,925	8	10	
2. Cohuna	..	..	..			9,856	3	7	9,856	3	7	3,160	3	8	..		6,695	19	11	6,695	19	11	
3. Corop	..	..	..			231	15	6	231	15	6	..			..		231	15	6	231	15	6	
4. Dingee	..	..	..			1,674	3	11	1,674	3	11	..			..		1,674	3	11	1,674	3	11	
5. Heyfield	..	..	..			13,949	2	2	13,949	2	2	..			..		13,949	2	2	13,949	2	2	
6. Leitchville	..	..	..			4,188	15	4	4,188	15	4	..			..		4,188	15	4	4,188	15	4	
7. Lockington	..	..	..			2,407	17	7	2,407	17	7	120	0	5	..		2,287	17	2	2,287	17	2	
8. Macorna	..	..	..			1,487	18	0	1,487	18	0	..			..		1,487	18	0	1,487	18	0	
9. Murrabit	..	..	..			1,030	18	3	1,030	18	3	..			..		1,030	18	3	1,030	18	3	
10. Red Cliffs	..	..	..			22,871	14	0	22,871	14	0	1,624	2	5	..		21,247	11	7	21,247	11	7	
11. Robinvale	..	..	..			10,796	14	1	10,796	14	1	..			..		10,796	14	1	10,796	14	1	
12. Stanhope	..	..	..			2,202	7	9	2,202	7	9	..			..		2,202	7	9	2,202	7	9	
13. Tallygaroopna	..	..	..			4,067	1	2	4,067	1	2	..			..		4,067	1	2	4,067	1	2	
Totals	..	..	..			89,664	14	2	89,664	14	2	14,879	0	6	..		74,785	13	8	74,785	13	8	89,664 14 2

F.—WATERWORKS DISTRICTS.

1. Axe Creek	..	..	..		4,931	4	5	4,931	4	5	..			..		4,931	4	5	4,931	4	5	
2. Bellarine Peninsula	..	..	423,621	14	11	..		423,621	14	11	83,187	4	2	340,434	10	9	..		340,434	10	9	
3. Birchip	..	..	38,175	5	3	103,747	9	0	141,922	14	3	..			38,175	5	3	103,747	9	0	141,922	14	3	
4. Carwarp	..	..	..			42,231	18	2	42,231	18	2	..			..			42,231	18	2	42,231	18	2	
5. Carwarp Central	..	..	..			2,404	18	1	2,404	18	1	..			..			2,404	18	1	2,404	18	1	
6. Coreena	..	..	..			55,144	3	7	55,144	3	7	..			..			55,144	3	7	55,144	3	7	
7. East Loddon	..	..	..			2,287	14	1	2,287	14	1	..			..			2,287	14	1	2,287	14	1	
8. Harcourt	..	..	..			17,099	16	1	17,099	16	1	..			..			17,099	16	1	17,099	16	1	
9. Hindmarsh	..	..	4,249	9	4	16,321	11	1	20,571	0	5	..			4,249	9	4	16,321	11	1	20,571	0	5	
10. Karkarooc	..	..	99,120	17	8	222,920	7	4	322,041	5	0	..			99,120	17	8	222,920	7	4	322,041	5	0	
11. Kerang North-West Lakes	..	..	..			4,037	3	4	4,037	3	4	..			..			4,037	3	4	4,037	3	4	
12. Loddon	..	..	..			3,103	4	10	3,103	4	10	..			..			3,103	4	10	3,103	4	10	
13. Long Lake	..	..	65,506	14	7	111,974	5	11	177,481	0	6	..			65,506	14	7	111,974	5	11	177,481	0	6	
14. Millewa	..	..	104,393	0	0	392,800	4	10	497,193	4	10	..			104,393	0	0	392,800	4	10	497,193	4	10	
15. Millewa Central	..	..	36,755	0	0	136,429	17	9	173,184	17	9	..			36,755	0	0	136,429	17	9	173,184	17	9	
16. Mornington Peninsula	..	..	477,228	16	0	10,281	0	3	487,509	16	3	64,065	9	7	413,163	16	5	10,280	10	3	423,444	6	8	
17. Newstead	..	..	..			4,636	6	10	4,636	6	10	..			..			4,636	6	10	4,636	6	10	
18. Normanville	..	..	..			50,405	17	8	50,405	17	8	..			..			50,405	17	8	50,405	17	8	
19. Otway	..	..	200,032	17	1	..		200,032	17	1	89,754	1	0	110,278	16	1	..		110,278	16	1		
20. Ouyen	..	..	96,656	7	4	180,894	1	8	277,550	9	0	..			96,656	7	4	180,894	1	8	277,550	9	0	
21. Sea Lake	..	..	49,066	15	10	154,366	4	2	203,433	0	0	..			49,066	15	10	154,366	4	2	203,433	0	0	
22. Tyntynder	..	..	121,617	16	11	262,669	11	7	384,287	8	6	..			121,617	16	11	262,669	11	7	384,287	8	6	
23. Tyrrell	..	..	85,811	2	1	170,692	7	0	256,503	9	1	..			85,811	2	1	170,692	7	0	256,503	9	1	
24. Tyrrell West	..	..	57,220	3	5	107,899	4	9	165,119	8	2	..			57,220	3	5	107,899	4	9	165,119	8	2	
25. Upper Western Wimmera	..	..	28,886	10	0	61,140	18	4	90,027	8	4	..			28,886	10	0	61,140	18	4	90,027	8	4	
26. Upper Wimmera United	..	..	45,339	7	7	79,887	11	6	125,226	19	1	..			45,339	7	7	79,887	11	6	125,226	19	1	
27. Walpeup West	..	..	..			35,941	10	0	35,941	10	0	..			..			35,941	10	0	35,941	10	0	
28. Werribee	..	..	..			12,414	15	9	12,414	15	9	..			..			12,414	15	9	12,414	15	9	
29. West Loddon	..	..	..			9,316	2	5	9,316	2	5	..			..			9,316	2	5	9,316	2	5	
30. Western Wimmera	..	..	119,065	3	8	260,814	12	1	379,879	15	9	..			119,065	3	8	260,814	12	1	379,879	15	9	
31. Wimmera United	..	..	100,085	18	11	212,442	1	11	312,528	0	10	..			100,085	18	11	212,442	1	11	312,528	0	10	
32. Wycheproof	..	..	65,319	3	4	179,470	8	11	244,789	12	3	..			65,319	3	4	179,470	8	11	244,789	12	3	
33. Wychitella	..	..	..			138,477	6	8	138,477	6	8	..			..			138,477	6	8	138,477	6	8	
34. Yelta	..	..	..			6,202	18	9	6,202	18	9	..			..			6,202	18	9	6,202	18	9	
Totals	..	..	2,218,152	3	11	3,053,386	18	9	5,271,539	2	8	237,006	14	9	1,981,145	19	2	3,053,386	8	9	5,034,532	7	11	3,053,386 18 9

Carried forward .. **36,603,245 14 8**

LOAN CAPITAL ACCOUNTS—*continued.*

Totals at 30th June, 1951.		
£	*s.*	*d.*
36,603,245	14	8

Brought forward ..

Name of District.	Loan Capital Expenditure.								Allotted to District.			Capital Expenditure borne by the State Account.							
	Headworks.			Distributary Works.			Total.					Headworks.			Distributary Works.			Total.		
	£	*s.*	*d.*	£	*s.*	*d.*	£	*s.*	*d.*	£	*s.*	*d.*	£	*s.*	*d.*	£	*s.*	*d.*	£	*s.*	*d.*
G.—URBAN DISTRICTS OF WATERWORKS DISTRICTS.																					
1. Allansford	1,600	0	0	1,411	5	9	3,011	5	9	811	11	2	1,544	1	3	655	13	4	2,199	14	7
2. Anglesea	2,261	9	2	12,442	12	7	14,704	1	9	29	10	1	2,231	19	1	12,442	12	7	14,674	11	8
3. Antwerp	..			710	11	9	710	11	9	257	14	1	..			452	17	8	452	17	8
4. Barwon Heads and Ocean Grove	29,338	1	3	22,122	10	0	51,460	11	3	7,902	14	8	28,373	10	11	15,184	5	8	43,557	16	7
5. Berriwillock	..			7,746	10	5	7,746	10	5	3	5	5	..			7,743	5	0	7,743	5	0
6. Berwick	14,993	5	7	10,233	4	3	25,226	9	10	3,096	7	3	14,993	5	7	7,136	17	0	22,130	2	7
7. Beulah	..			7,685	1	2	7,685	1	2	2	13	2	..			7,682	8	0	7,682	8	0
8. Birchip	..			15,198	0	6	15,198	0	6	..			..			15,198	0	6	15,198	0	6
9. Birregurra	1,963	0	0	32,990	9	8	34,953	9	8	..			1,963	0	0	32,990	9	8	34,953	9	8
10. Bittern	1,701	12	6	1,350	1	7	3,051	14	1	15	11	3	1,701	12	6	1,334	10	4	3,036	2	10
11. Brim	..			9,002	10	8	9,002	10	8	332	8	6	..			8,670	2	2	8,670	2	2
12. Bunyip	5,436	14	5	6,425	4	0	11,861	18	5	25	19	7	5,436	14	5	6,399	4	5	11,835	18	10
13. Camperdown	46,469	0	0	52,162	5	7	98,631	5	7	54,062	13	7	39,927	1	3	4,641	10	9	44,568	12	0
14. Carwarp	..			635	19	0	635	19	0	..			..			635	19	0	635	19	0
15. Chelsea–Frankston	274,742	15	5	132,319	2	7	407,061	18	0	133,225	16	10	183,724	4	9	90,111	16	5	273,836	1	2
16. Chillingollah	..			2,482	1	3	2,482	1	3	..			..			2,482	1	3	2,482	1	3
17. Chinkapook	..			2,815	19	2	2,815	19	2	..			..			2,815	19	2	2,815	19	2
18. Cobden	9,213	0	0	17,270	0	0	26,483	0	0	12,654	7	3	9,213	0	0	4,615	12	9	13,828	12	9
19. Coliban	..			2,294,436	13	7	2,294,436	13	7	293,199	19	6	..			2,001,236	14	1	2,001,236	14	1
20. Cranbourne	6,671	1	6	4,343	17	9	11,014	19	3	593	11	5	6,671	1	6	3,750	6	4	10,421	7	10
21. Crib Point	8,895	16	0	4,192	0	3	13,087	16	3	2,282	4	3	8,895	16	0	1,909	16	0	10,805	12	0
22. Culgoa	..			4,403	5	7	4,403	5	7	2,239	16	5	..			2,163	9	2	2,163	9	2
23. Dandenong–Springvale ..	214,575	18	0	121,860	14	0	336,436	12	0	161,866	12	4	100,112	18	7	74,457	1	1	174,569	19	8
24. Dimboola	..			19,727	8	9	19,727	8	9	10,830	1	6	..			8,897	7	3	8,897	7	3
25. Dooen	..			698	2	0	698	2	0	16	18	0	..			681	4	0	681	4	0
26. Dromana–Portsea	113,064	14	4	89,698	16	8	202,763	11	0	4,279	3	11	113,064	14	4	85,419	12	9	198,484	7	1
27. Drysdale	12,259	17	3	8,738	12	5	20,998	9	8	38	2	0	12,221	6	7	8,739	1	1	20,960	7	8
28. Garfield	4,226	6	10	5,051	13	0	9,277	19	10	27	2	1	4,226	6	10	5,024	10	11	9,250	17	9
29. Garvoc	..			51	4	8	51	4	8	..			..			51	4	8	51	4	8
30. Hastings	7,528	15	0	7,778	10	0	15,307	5	0	6	4	10	7,528	15	0	7,772	5	2	15,301	0	2
31. Hopetoun	..			10,779	0	8	10,779	0	8	23	15	4	..			10,755	5	4	10,755	5	4
32. Jeparit	..			13,641	14	4	13,641	14	4	5,653	5	8	..			7,988	8	8	7,988	8	8
33. Jung Jung	..			4,594	12	4	4,594	12	4	1	12	6	..			4,592	19	10	4,592	19	10
34. Koondrook	..			6,169	3	5	6,169	3	5	..			..			6,169	3	5	6,169	3	5
35. Lake Boga	..			6,307	11	9	6,307	11	9	95	11	3	..			6,212	0	6	6,212	0	6
36. Lalbert	..			4,641	14	7	4,641	14	7	98	11	10	..			4,543	2	9	4,543	2	9
37. Lascelles	..			4,504	7	6	4,504	7	6	16	18	0	..			4,487	9	6	4,487	9	6
38. Longwarry	6,831	4	4	5,363	13	9	12,194	18	1	9,134	10	6	2,474	8	5	585	19	2	3,060	7	7
39. Manangatang	..			5,481	16	7	5,481	16	7	1,635	6	3	..			3,846	10	4	3,846	10	4
40. Marnoo	..			4,160	7	3	4,160	7	3	1,340	11	2	..			2,819	16	1	2,819	16	1
41. Marong	..			2,109	9	5	2,109	9	5	22	18	10	..			2,086	10	7	2,086	10	7

42. Merbein	..	..	..	22,441 5 0	22,441 5 0	4,029 19 8	..	18,411 5 4	18,411 5 4	
43. Meringur	..	..	..	3,535 14 7	3,535 14 7	4 6 8	..	3,531 7 11	3,531 7 11	
44. Minyip	..	..	..	10,378 7 11	10,378 7 11	3,060 18 6	..	7,317 9 5	7,317 9 5	
45. Mitiamo	..	..	..	2,410 16 2	2,410 16 2	..	..	2,410 16 2	2,410 16 2	
46. Mornington	..	..	55,817 2 0	37,553 8 9	93,370 10 9	52,670 1 6	31,106 3 7	9,594 5 8	40,700 9 3	
47. Nandaly	..	..	..	2,346 16 5	2,346 16 5	3 5 0	..	2,343 11 5	2,343 11 5	
48. Nar-nar-goon and Tynong		..	..	140 9 1	140 9 1	..	..	140 9 1	140 9 1	
49. Natimuk	..	..	..	4,933 4 8	4,933 4 8	4,057 19 0	..	875 5 8	875 5 8	
50. Newstead	..	..	..	7,873 19 8	7,873 19 8	1,763 13 10	..	6,110 5 10	6,110 5 10	
51. Nullawil	..	..	..	3,651 11 10	3,651 11 10	280 16 6	..	3,370 15 4	3,370 15 4	
52. Nyah	..	..	..	691 7 6	691 7 6	..	..	691 7 6	691 7 6	
53. Nyah West	..	..	..	6,190 11 4	6,190 11 4	..	..	6,190 11 4	6,190 11 4	
54. Officer	..	..	..	850 4 6	850 4 6	..	..	850 4 6	850 4 6	
55. Ouyen	..	..	..	21,573 4 3	21,573 4 3	60 15 3	..	21,512 9 0	21,512 9 0	
56. Pakenham	..	..	10,698 16 6	8,803 17 8	19,502 14 2	9,586 15 2	9,048 16 8	867 2 4	9,915 19 0	
57. Patchewollock		..	..	4,051 6 5	4,051 6 5	1 12 6	..	4,049 13 11	4,049 13 11	
58. Piangil	..	..	..	7,472 12 1	7,472 12 1	..	..	7,472 12 1	7,472 12 1	
59. Portarlington	..	..	16,343 15 3	16,070 16 0	32,414 11 3	77 14 6	16,266 0 9	16,070 16 0	32,336 16 9	
60. Pyramid Hill	..	..	..	6,619 17 3	6,619 17 3	1,288 15 10	..	5,331 1 5	5,331 1 5	
61. Quambatook	..	..	..	4,864 11 7	4,864 11 7	3 4 11	..	4,861 6 8	4,861 6 8	
62. Queenscliff and Point Lonsdale			78,731 5 5	31,572 5 4	110,303 10 9	16,089 2 6	71,938 9 4	22,275 18 11	94,214 8 3	
63. Rainbow	..	..	..	11,569 1 3	11,569 1 3	7,515 12 10	..	4,053 8 5	4,053 8 5	
64. Rupanyup	..	..	..	10,878 19 0	10,878 19 0	4,137 14 8	..	6,741 4 4	6,741 4 4	
65. Sea Lake	..	..	..	7,773 5 4	7,773 5 4	1,533 3 4	..	6,240 2 0	6,240 2 0	
66. Somerville	..	..	4,877 16 1	3,038 3 1	7,915 19 2	4,581 15 3	2,988 6 2	345 17 9	3,334 3 11	
67. South Frankston	..	..	31,066 13 0	17,354 11 11	48,421 4 11	25,593 14 7	21,368 18 11	1,458 11 5	22,827 10 4	
68. Speed	..	..	..	2,896 14 0	2,896 14 0	0 17 9	..	2,895 16 3	2,895 16 3	
69. Tempy	..	..	..	2,644 5 0	2,644 5 0	17 13 7	..	2,626 11 5	2,626 11 5	
70. Terang	..	..	32,322 0 0	27,200 16 5	59,522 16 5	27,774 10 0	28,860 4 6	2,888 1 11	31,748 6 5	
71. Torquay	..	..	5,274 7 7	14,712 4 9	19,986 12 4	143 0 6	5,200 4 0	14,643 7 10	19,843 11 10	
72. Ultima	..	..	..	8,214 12 6	8,214 12 6	17 6 8	..	8,197 5 10	8,197 5 10	
73. Waitchie	..	..	..	2,520 14 4	2,520 14 4	..	..	2,520 14 4	2,520 14 4	
74. Walpeup	..	..	..	2,073 19 9	2,073 19 9	24 3 5	..	2,049 16 4	2,049 16 4	
75. Watchem	..	..	..	5,063 6 10	5,063 6 10	122 18 7	..	4,940 8 3	4,940 8 3	
76. Werrimull	..	..	..	5,123 19 10	5,123 19 10	1 12 6	..	5,122 7 4	5,122 7 4	
77. Wonthaggi	..	..	..	76,587 8 11	76,587 8 11	9,091 16 11	..	67,495 12 0	67,495 12 0	
78. Woomelang		..	..	9,249 1 1	9,249 1 1	15 6 8	..	9,233 14 5	9,233 14 5	
79. Woorinen	..	..	..	6,100 15 7	6,100 15 7	580 16 11	..	5,519 18 8	5,519 18 8	
80. Wycheproof		..	..	18,487 6 6	18,487 6 6	..	..	18,487 6 6	18,487 6 6	
81. Yaapeet	..	..	..	2,308 11 11	2,308 11 11	3 14 4	..	2,304 17 7	2,304 17 7	
Totals	..	..	996,904 7 5	3,401,562 6 2	4,398,466 13 7	879,958 10 3	731,081 0 11	2,787,427 2 5	3,518,508 3 4	3,401,562 6 2

H.—FLOOD PROTECTION DISTRICTS.

1. Cardinia	..	..	..	105,655 7 9	105,655 7 9	..	..	105,655 7 9	105,655 7 9	
2. Kanyapella	..	..	..	3,885 1 5	3,885 1 5	..	..	3,885 1 5	3,885 1 5	
3. Lower Koo-wee-rup	..	..	..	374,420 9 10	374,420 9 10	..	..	374,420 9 10	374,420 9 10	
4. Loch Garry	..	..	..	18,621 18 11	18,621 18 11	..	..	18,621 18 11	18,621 18 11	
Totals	..	..	..	502,582 17 11	502,582 17 11	..	..	502,582 17 11	502,582 17 11	502,582 17 11
								Carried forward	..	40,507,390 18 9

LOAN CAPITAL ACCOUNTS—*continued.*

Name of District.	Loan Capital Expenditure.			Allotted to District.	Capital Expenditure borne by the State Account.			Totals at 30th June, 1951.
	Headworks.	Distributary Works.	Total.		Headworks.	Distributary Works.	Total.	
	£ s. d.	£ s. d.	£ s. d.	£ s. d.	£ s. d.	£ s. d.	£ s. d.	£ s. d.
Brought forward ..								40,507,390 18 9
I.—DRAINAGE DISTRICT.								
1. Carrum	..	26,841 17 1	26,841 17 1	..	..	26,841 17 1	26,841 17 1	
Totals	..	26,841 17 1	26,841 17 1	..	..	26,841 17 1	26,841 17 1	26,841 17 1
Totals, Commission's Districts (Statements D, E, F, G, H, and I.)	10,840,164 10 8†	16,341,197 9 2	27,181,361 19 10	1,131,844 5 6*	10,337,334 19 5	15,712,182 14 11	26,049,517 14 4	

* Exclusive of Plant and Machinery Suspense Account, £1,567,192 18s. 2d. Plant Workshops and Depots, £17,998 2s. 7d. Total, £1,585,191 0s. 9d. (Statement A).

† Exclusive of following Works not apportioned to Districts, viz.: Glenelg River Development Works, £2,229,802 16s. 9d.; Cairn Curran Reservoir, £1,613,328 1s. 10d.; Goulburn-Waranga Channel Duplication, £159,456 11s. 11d.; Tarago Works, £302,229 16s. 4d. Eildon Reservoir Enlargement, £2,725,103 8s. 8d. Glenmaggie Reservoir Enlargement, £7,792 0s. 1d. Tallangatta Township Removal, £20,000. Total, £7,057,712 15s. 7d. (Statement C).

WORKS UNDER GENERAL SUPERVISION OF COMMISSION.

J.—WATERWORKS TRUSTS AND LOCAL GOVERNING BODIES.

	£ s. d.	£ s. d.	£ s. d.
Waterworks Trusts, First Mildura Irrigation Trust and Local Governing Bodies Loan Liability	..	2,916,131 16 6	
Amounts Written Off and Free Grants to Local Authorities as at 30th June, 1950. (For details see Annual Report for year 1949–50)..	2,293,777 0 1		
Under *Water Act* 1949, No. 5418, Amounts Written Off	89,943 18 6		
Under *Water Act* 1950, No. 5485, Amounts Written Off	292,371 8 4		
		2,676,092 6 11	
			5,592,224 3 5

K.—RIVER IMPROVEMENT TRUSTS.

River Improvement Trusts and Other Public Authorities pursuant to Part IV. of the *River Improvement Act* 1948	2,145 0 0
Grand Total Net Loan Capital Expenditure (Exclusive of Equity in National Debt Sinking Fund)	**46,128,601 19 3**

SUMMARY STATEMENT OF LOAN CAPITAL ACCOUNTS AS AT 30th JUNE, 1951.

Reference to Preceding Statements.	Works.	Total Loan Capital Expenditure.	Deduct Redemption Paid.	Net Loan Capital.	At Debit of Authorities and Borne by Districts.	Capital Expenditure Borne by the State.
		£ s. d.	£ s. d.	£ s. d.	£ s. d.	£ s. d.
A	Capital Works and Charges	5,440,640 10 10	387,234 14 11	5,053,405 15 11	1,585,191 0 9	3,468,214 15 2
B	State Works of Water Supply	1,244,886 10 0	3,134 5 6	1,241,752 4 6	..	1,241,752 4 6
C	Headworks Costs in respect of Irrigation and Water Supply Districts and Waterworks Districts	18,045,396 16 8	147,519 10 5	17,897,877 6 3	482,914 16 1	17,414,962 10 2
D	Irrigation and Water Supply Districts, exclusive of Headworks Costs	9,377,299 2 0	110,140 6 11	9,267,158 15 1	..	9,267,158 15 1
E	Urban Divisions of Irrigation Districts	92,099 4 0	2,434 9 10	89,664 14 2	14,879 0 6	74,785 13 8
F	Waterworks Districts, exclusive of Headworks Costs	3,117,901 12 4	64,514 13 7	3,053,386 18 9	0 10 0	3,053,386 8 9
G	Urban Districts of Waterworks Districts, exclusive of Headworks Costs	3,461,848 8 11	60,286 2 9	3,401,562 6 2	634,049 18 11	2,767,512 7 3
H	Flood Protection Districts	510,759 12 8	8,176 14 9	502,582 17 11	..	502,582 17 11
I	Drainage District	27,550 11 6	708 14 5	26,841 17 1	..	26,841 17 1
	Total Works under control of Commission	41,318,382 8 11	784,149 13 1	40,534,232 15 10	2,717,035 6 3	37,817,197 9 7
J	Waterworks Trusts and Local Governing Bodies	6,494,626 17 5	902,402 14 0	5,592,224 3 5	2,916,131 16 6	2,676,092 6 11
K	River Improvement Trusts	2,145 0 0	..	2,145 0 0	2,145 0 0	..
		47,815,154 6 4	1,686,552 7 1	46,128,601 19 3	5,635,312 2 9	40,493,289 16 6

RECONCILIATION STATEMENT.

COUNTRY WATER SUPPLY AND STATE DEVELOPMENT ACCOUNTS IN THE BOOKS OF THE TREASURY WITH CAPITAL ACCOUNTS IN THE BOOKS OF THE COMMISSION AS AT 30TH JUNE, 1951.

—	Total.	Water Supply.	State Development Account.
	£ s. d.	£ s. d.	£ s. d.
Net Loan Liability as per Treasurer's Finance Statement (Page 83)	42,238,805 4 11	5,701,480 2 3	36,537,325 2 8
Add—			
Cost of Geelong Works. "Finance" (Page 84)	140,387 6 5	..	140,387 6 5
National Debt Sinking Fund contributions from Consolidated Revenue pursuant to the provisions of the *Commonwealth and States Financial Agreement Act* 1927, No. 3554, as amended by Act No. 5051, 1944. "Finance" (Page 83). (These amounts not credited to Districts and Works excepting recoup contributions shown below)	4,388,323 19 3	489,530 10 0	3,898,793 9 3
National Debt Sinking Fund contributions in respect of Geelong Works. "Finance" (Page 84)	23,759 16 3	..	23,759 16 3
	46,791,276 6 10	6,191,010 12 3	40,600,265 14 7
Less—			
Redemption recoup contributions paid into Consolidated Revenue by Commission Districts and Works, Waterworks Trusts, &c. ..	555,698 9 6	555,698 9 6	..
Cash on hand held by Treasury	106,975 18 1	..	106,975 18 1
Totals of amounts at debit of Authorities and Districts and the Capital Expenditure borne by the State Account in the books of the Commission	46,128,601 19 3	5,635,312 2 9	40,493,289 16 6

CAPITAL EXPENDITURE.

STATEMENT OF CAPITAL EXPENDITURE ON WORKS OF COUNTRY WATER SUPPLY, AS FROM THE DATE OF INCORPORATION OF THE STATE RIVERS AND WATER SUPPLY COMMISSION (1ST MAY, 1906) TO 30TH JUNE, 1951.

Year ended 30th June.	Total Expenditure and or Water Supply Loans Application Acts.		Total Capital Expenditure by Commission from Unemployment Relief Funds.		Total Capital Expenditure under Water Supply Loans Application Acts and from Unemployment Relief Funds.	
	During Year.	Progressive Total at Close of Year.	During Year.	Progressive Total at Close of Year.	During Year.	Progressive Total at Close of Year.
	£ s. d.	£ s. d.	£ s. d.	£ s. d.	£ s. d.	£ s. d.
1906	..	5,885,066 12 4*a*	..	..	..	5,885,066 12 4*a*
1907	161,346 7 4	6,046,412 19 8	..	..	161,346 7 4	6,046,412 19 8
1908	276,582 17 0	5,881,843 15 0*b*	..	..	276,582 17 0	5,881,843 15 0*b*
1909	313,615 11 3	6,195,459 6 3*c*	..	..	313,615 11 3	6,195,459 6 3*c*
1910	286,823 8 3	6,482,282 14 6	..	..	286,823 8 3	6,482,282 14 6
1911	311,709 7 4	6,793,992 1 10	..	..	311,709 7 4	6,793,992 1 10
1912	259,281 0 11	7,053,273 2 9	..	..	259,281 0 11	7,053,273 2 9
1913	267,560 1 11	7,320,833 4 8	..	..	367,560 1 11	7,320,833 4 8
1914	229,126 17 0	7,549,960 1 8	..	..	229,126 17 0	7,549,960 1 8
1915	304,766 9 9	7,854,726 11 5	..	..	304,766 9 9	7,854,726 11 5
1916	347,134 18 5	8,201,861 9 10	..	..	347,134 18 5	8,201,861 9 10
1917	302,893 11 7	8,504,755 1 5	..	..	302,893 11 7	8,504,755 1 5
1918	302,954 14 7	8,807,709 16 0	..	..	302,954 14 7	8,807,709 16 0
1919	412,267 8 3	9,219,977 4 3	..	..	412,267 8 3	9,219,977 4 3
1920	570,028 2 4	9,790,005 6 7	..	..	570,028 2 4	9,790,005 6 7
1921	692,658 14 1	10,482,664 0 8	..	..	692,658 14 1	10,482,664 0 8
1922	968,047 8 8	11,450,711 9 4	..	..	968,047 8 8	11,450,711 9 4
1923	1,210,484 8 9	12,661,195 18 1	..	..	1,210,484 8 9	12,661,195 18 1
1924	1,415,109 1 5	14,076,304 19 6	..	..	1,415,109 1 5	14,076,304 19 6
1925	1,471,566 4 7	15,547,871 4 1	..	..	1,471,566 4 7	15,547,871 4 1
1926	1,521,533 5 9	17,069,404 9 10	..	..	1,521,533 5 9	17,069,404 9 10
1927	1,541,900 16 9	18,611,305 6 7	..	..	1,541,900 16 9	18,611,305 6 7
1928	1,792,407 15 9	20,403,713 2 4	..	..	1,792,407 15 9	20,403,713 2 4
1929	1,516,022 14 3	21,919,735 16 7	..	..	1,516,022 14 3	21,919,735 16 7
1930	1,208,567 12 6	23,128,303 9 1	..	..	1,208,567 12 6	23,128,303 9 1
1931	696,146 5 2	23,824,449 14 3	..	142,703 0 0*d*	838,849 5 2	23,967,152 14 3
1932	351,118 15 7	24,175,568 9 10	2,745 0 0	145,448 0 0	353,863 15 7	24,321,016 9 10
1933	488,072 7 9	24,663,640 17 7	138,281 0 0	283,729 0 0	626,353 7 9	24,947,369 17 7
1934	315,870 14 7	24,979,511 12 2	209,284 0 0	493,013 0 0	525,154 14 7	25,472,524 12 2
1935	260,736 3 5	25,240,247 15 7	325,340 0 0	818,353 0 0	586,076 3 5	26,058,600 15 7
1936	285,473 8 2	25,525,721 3 9	371,866 0 0	1,190,219 0 0	657,339 8 2	26,715,940 3 9
1937	360,791 14 10	25,886,512 18 7	350,993 0 0	1,541,212 0 0	711,784 14 10	27,427,724 18 7
1938	353,606 5 5	26,240,119 4 0	358,550 0 0	1,899,762 0 0	712,156 5 5	28,139,881 4 0
1939	582,327 3 5	26,822,446 7 5	411,803 0 0	2,311,565 0 0	994,130 3 5	29,134,011 7 5
1940	426,824 16 9	27,249,271 4 2	289,764 0 0	2,601,329 0 0	716,588 16 9	29,850,600 4 2
1941	471,369 6 11	27,720,640 11 1	218,141 0 0	2,819,470 0 0	689,510 6 11	30,540,110 11 1
1942	274,845 7 0	27,995,485 18 1	40,805 0 0	2,860,275 0 0	315,650 7 0	30,855,760 18 1
1943	75,479 2 0	28,070,965 0 1	472 0 0	2,860,747 0 0	75,951 2 0	30,931,712 0 1
1944	143,177 10 6	28,214,142 10 7	..	2,860,747 0 0	143,177 10 6	31,074,889 10 7
1945	315,729 1 0	28,529,871 11 7	..	2,860,747 0 0	315,729 1 0	31,390,618 11 7
1946	432,905 12 8	28,962,777 4 3	..	2,860,747 0 0	432,905 12 8	31,823,524 4 3
1947	1,466,121 15 3	30,428,898 19 6	..	2,860,747 0 0	1,466,121 15 3	33,289,645 19 6
1948	1,893,165 1 2	32,322,064 0 8	..	2,860,747 0 0	1,893,165 1 2	35,182,811 0 8
1949	2,251,873 9 11	34,573,937 10 7	..	2,860,747 0 0	2,251,873 9 11	37,434,684 10 7
1950	4,149,500 16 4	38,723,438 6 11	..	2,860,747 0 0	4,149,500 16 4	41,584,185 6 11
1951	7,124,902 5 7	45,848,340 12 6	..	2,860,747 0 0	7,124,902 5 7	48,709,087 12 6

Notes.—(*a*) Total expenditure from "Loans—Country Water Supply" to 30th June, 1906, as per pages 106–108, "Finance, 1905–6" £5,885,066 12 4.

(*b*) During year ended 30th June, 1908, the Geelong Water Supply Works were sold to the Geelong Municipal Waterworks Trust. Geelong works excluded from Progressive Total, from and including year ended 30th June, 1908.

	£	s.	d.
(*c*) Department of Water Supply	2,592,777	16	0
State Rivers and Water Supply Commission	3,602,681	10	3
Total	6,195,459	6	3

During the year ended 30th June, 1910, the Department of Water Supply was merged into the Commission, and all Water Supply Works vested in the Department or the Board of Land and Works and placed under the control of the Commission.

(*d*) From 1930 until 1943 grants were received and expended by the Commission from Unemployment Relief Funds. The total amount so received and expended was £3,231,050, of which £2,860,747 was spent on capital works.

CAPITAL EXPENDITURE—*continued.*

STATEMENT OF CAPITAL EXPENDITURE ON WORKS OF COUNTRY WATER SUPPLY—*continued.*

RECONCILIATION STATEMENTS.

(A) LOAN.

(i) "*Finance* 1950-51" pages 82 and 83 "Country Water Supply Capital Account," at 30th June, 1951 :—

	£	s.	d.
Expenditure from Loans	41,807,709	9	7
Expenditure from State Loans Repayment Fund	4,040,631	2	11
Total Loan Expenditure and Expenditure on Account of Loan, as above	45,848,340	12	6

(ii) *Annual Report*—

	£	s.	d.	£	s.	d.
Total Loan Capital Expenditure, as per "Summary Statement of Loan Capital Accounts, as at 30th June, 1951" (page 113)				47,815,154	6	4
Deduct Loan Discount Expenses,						
Less premiums (Finance 1950-51, page 83)	1,502,431	16	8			
Geelong Works, Gross Expenditure 1950-51 (page 84)	464,381	17	2			
				1,966,813	13	10
Total Loan Expenditure at 30th June, 1951, as above				45,848,340	12	6

(B) UNEMPLOYMENT RELIEF FUNDS.

	£	s.	d.
Expenditure from Unemployment Relief Taxation Funds	314,362	0	0
Unemployment Relief Loan Funds ("Finance, 1942-43," page 140)	2,788,118	0	0
Commonwealth-State Joint Loan Fund (Winter Relief)	85,012	0	0
Commonwealth Grants (Flood Restoration)	43,558	0	0
Total expenditure in accordance with Employment Council Allocations, 6th February, 1943 (43-1511)	3,231,050	0	0
Deduct Maintenance Expenditure	370,303	0	0
Capital Expenditure from Unemployment Relief Funds, as above	2,860,747	0	0

ESTIMATES 1951–52.

PROPOSED DISBURSEMENTS.

—	Estimated Requirements.	Amount Provided in Budget.
	£	£
Coliban Works	36,500	35,000
Irrigation, Water Supply and Drainage Districts	463,800	460,000
Waterworks Districts	228,200	225,000
Flood Protection and Carrum Drainage Districts	25,800	25,800
Salaries of Permanent and Temporary Employees*	1,016,780	1,016,780
General Expenditure*	242,700	230,700
Removal of Sand Drift	100,000	70,000
River Murray Works—Contribution by State	32,750	32,750
Pay Roll Tax	72,200	72,200
Payment to First Mildura Irrigation Trust consistent with reduction in Rates in Pumping Districts in Irrigation Areas controlled by the Commission	7,000	7,000
Subsidies to Waterworks Trusts and Local Governing Bodies to enable a Reduction of 33⅓ per cent. to be made in Water Rates	635	635
Totals—Water Supply	2,226,365	2,175,865
Assistance to certain Sewerage Authorities where suspension of works is being continued	10,000	10,000
Subsidies to Sewerage Authorities in cases where the interest paid on capital liability is in excess of the rate of 3 per cent.	25,000	20,000
Grant to Kerang Sewerage Authority in connexion with Reconditioning Works	2,255	2,255
	2,263,620	2,208,120

*To be apportioned over the above Districts.

ESTIMATED RECEIPTS.

—	Amount Provided in Budget.
	£
Coliban Works	75,000
Irrigation, Water Supply and Drainage Districts	580,000
Waterworks Districts	375,000
Flood Protection and Carrum Drainage Districts	20,000
Other	70,000
Recoup on account of amounts paid from Revenue in connexion with River Murray Commission, Loan Works, &c.	501,000
	1,621,000
Add estimated Receipts to meet Interest—	
Waterworks Trusts and other Corporations	94,360
Plant and Machinery, and Land	41,000
Totals—Water Supply	1,756,360

Estimated amount available from Revenues of Commission—
"Paying" Districts to meet Interest .. £37,950.

CONTRACTS.

STATEMENT of Contracts entered into during the year ended 30th June, 1951.

No.	Name of Contractor.	Work and Supply.	Amount.
			£
3291	Clements Langford Pty. Ltd.	Erection of pre-cut houses—Eildon	266,203
3292	A. V. Jennings Construction Co. Pty. Ltd...	Erection of buildings—Eildon	1,500,000
3293	King Bros.	Supply of crushed rock—Eildon	11,825
3294	C. M. Ekberg	Supply of crushed rock—Eildon	25,667
3295	Utah Construction Ltd.	Enlargement of dam—Eildon	10,367,992
3300	Hume Steel Ltd.	Supply of steel pipes—Red Cliffs	10,641
3301	Ruston and Hornsby Pty. Ltd.	Supply of excavators—Districts generally	38,984
3302	N. H. Bowers Pty. Ltd.	Earthworks—Goulburn Waranga—Murchison ..	1,035,309
3303	Humes Ltd.	Supply of steel pipes—Bellarine	12,488
3304	Thompson's (Castlemaine) Ltd.	Supply of pumping units—Red Cliffs	63,839
3305	Societa Anoninia Cemento Amianto ..	Supply of cement pipes—Districts generally ..	190,322
3308	Australian Cement Ltd.	Supply of cement—Districts generally	69,400
3309	Pyrox Ltd.	Supply of bridge structure—Eildon	11,524
		Total	13,604,194

CONTRACTS AT PIECEWORK RATES.

		£	£
1. Channel Construction—			
	(i) Murray Valley	2,320	
	(ii) Heyfield	22,667	
			24,987
2. Firewood Supplies			17,542
3. Miscellaneous—			
	(i) Sand	6,400	
	(ii) Gravel	254	
	(iii) Sandstone spalls	4,694	
	(iv) Cement	6,000	
	(v) Felling and sawing timber, &c.	3,325	
	(vi) Cleaning weeds from channel	879	
			21,552
4. Eildon			15,557
			79,638
	Grand Total		13,683,832

APPENDIX A.

STATE RIVERS AND WATER SUPPLY COMMISSION.

IRRIGATION SYSTEMS.

RETURN OF WATER DELIVERED—YEAR 1950-51.

District.	Water Assignment Measured at District Boundary.	Gross Supply at District Offtakes (excluding volumes passed to other Districts).	Total Water Rights Allotted to District.	Users in District.			Total Delivered in District.	Users Outside District from District Channels.	Total Delivered.	Users Outside District from Main Channels.
				Under Water Rights.	Sales of Water.	Domestic and Stock Purposes.				
GOULBURN SYSTEM—	acre feet.	acre feet.	acre feet.	acre feet.	acre feet.	acre feet.	acre feet.	acre feet.	acre feet.	acre feet.
(Main Eastern Channel.)										
South Shepparton	12,000	5,248	4,404	3,125	687	150	3,962	18	3,980	..
Shepparton	51,000	39,370	21,256	17,795	1,969	386	20,150	102	20,252	..
North Shepparton	44,000	(*d*) 34,901	13,201	10,652	2,926	353	13,931	..	13,931	13
Katandra	13,000	11,780	7,329	7,093	1,963	191	9,247	..	9,247	4
Totals	120,000	91,299	46,190	38,665	7,545	1,080	47,290	120	47,410	17
(Waranga Reservoir.)										
Rodney	232,000	209,931	60,922	54,923	25,587	1,315	81,825	(*a*) 1,227	83,052	..
Tongala-Stanhope	116,000	109,762	48,048	45,935	10,734	2,099	58,768	..	58,768	..
Deakin	23,000	10,941	5,698	4,185	1,581	391	6,157	..	6,157	..
Rochester	147,000	107,271	57,466	51,747	15,474	2,586	69,807	522	70,329	..
Dingee	9,000	6,454	4,447	4,376	1,339	246	5,961	..	5,961	..
Calivil (including Loddon water)	21,000	15,570	6,505	5,473	2,380	234	8,087	..	8,087	440
Tragowel Plains (including Loddon water)	97,000	78,735	31,192	26,397	5,206	675	32,278	(*b*) 54	32,332	..
Boort (including Loddon water)	35,000	28,268	11,339	10,133	2,211	325	12,669	1,660	14,329	..
Loddon (including Loddon water)	..	..	..	..	..	..	..	..	..	..
East Loddon (including Loddon water)	..	..	..	..	..	..	..	..	..	..
West Loddon	..	..	..	..	..	..	..	..	..	..
Normanville	..	..	..	..	..	..	..	..	..	..
Totals	680,000	566,932	225,617	203,169	64,512	7,871	275,552	3,463	279,015	440
Goulburn Grand Totals	800,000	658,231	271,807	241,834	(*f*) 72,057	8,951	322,842	3,583	326,425	457
MURRAY SYSTEM—										
(Yarrawonga Weir.)										
Murray Valley	196,000	(*e*) 135,702	67,208	30,829	(*g*) 31,324	595	62,748	110	62,858	..
(Torrumbarry Weir.)										
Cohuna	122,000	109,762	49,302	46,110	7,400	1,653	55,163	218	55,381	..
Koondrook	70,000	62,588	24,622	20,735	2,756	111	23,602	8	23,610	..
Kerang	71,000	48,973	21,407	19,397	4,988	670	25,055	177	25,232	..
Third Lake	6,000	7,973	2,513	1,790	33	6	1,829	52	1,881	..
Mystic Park	7,000	2,634	2,677	1,772	107	..	1,879	169	2,048	..
Tresco	6,000	5,202	..	..	3,057	..	3,057	..	3,057	..
Fish Point	5,000	2,334	1,845	1,722	..	..	1,722	..	1,722	..
Swan Hill	63,000	55,146	25,875	25,812	9,945	..	35,757	98	35,855	..
Pental Island Private Diversions	..	..	..	..	..	..	..	..	..	4,827
Kerang Private Diversions	..	..	..	..	..	..	..	..	..	613
Kerang North-West Lakes Private Diversions	..	..	..	..	..	..	..	..	..	4,332
Upper Gunbower Creek Private Diversions	..	..	..	..	..	..	..	..	..	3,910
Lower Gunbower Creek Private Diversions	..	..	..	..	..	..	..	..	..	7,452
Taylor's Creek Private Diversions	..	..	..	..	..	..	..	..	..	1,240
Kow Swamp Private Diversions	..	..	..	..	..	..	..	..	..	1,833
Pyramid Creek Private Diversions	..	..	..	..	..	..	..	..	..	2,261
Torrumbarry Weir Totals	350,000	294,612	128,241	117,338	(*h*) 28,286	2,440	148,064	722	148,786	26,468
(Pumped from River Murray.)										
Nyah	12,000	11,841	7,269	8,909	380	268	9,557	(*b*) 272	9,829	..
Robinvale	11,000	7,351	..	..	5,328	..	5,328	..	5,328	..
Red Cliffs	50,000	46,118	34,087	31,209	829	..	32,038	264	32,302	..
Merbein	33,000	35,733	23,438	23,593	1,093	..	24,686	778	25,464	..
Totals	106,000	101,043	64,794	63,711	7,630	268	71,609	1,314	72,923	..
Murray Grand Totals	652,000	531,357	260,243	211,878	67,240	3,303	282,421	2,146	284,567	26,468
CAMPASPE SYSTEM—										
Coliban	..	..	..	..	(*e*) 7,981	5,200	13,181	..	13,181	..
Campaspe	(*i*)	380	..	..	106	39 (dams)	145	..	145	..
Totals	..	380	..	..	8,087	5,239	13,326	..	13,326	..
WERRIBEE SYSTEM—										
Bacchus Marsh	(*i*)	7,413	3,311	3,076	1,457	188	4,721	(*b*) 849	5,570	..
Werribee	12,000	17,595	8,147	7,211	1,569	202	8,982	(*a*) 505	9,487	..
Totals	12,000	25,008	11,458	10,287	3,026	390	13,703	1,354	15,057	..
MACALISTER SYSTEM—										
Maffra-Sale	(*i*)	44,847	23,107	15,710	2,017	653	18,380	207	18,587	..
WIMMERA SYSTEM—										
Quantong, Riverside, Burnlea, Haven, &c.	..	10,070	..	..	4,149	..	4,149	..	4,149	..
PRIVATE DIVERSIONS (not included above)	..	..	..	..	..	..	..	..	..	55,624
Totals	1,464,000	1,269,893	566,615	479,709	156,576	18,536	654,821	7,290	662,111	82,549
FIRST MILDURA IRRIGATION TRUST	(*i*)	50,000	39,312	30,139	11,903	109	42,151	74	42,225	..
GRAND TOTALS	(*j*) **1,464,000**	**1,319,893**	**605,927**	**509,848**	**166,479**	**18,645**	**696,972**	**7,364**	**704,336**	**82,549**
									766,885	

(*a*) Includes Waterworks Trust. (*b*) Includes Urban Districts. (*c*) Includes 443 acre feet for mining. (*d*) Includes 3,674 acre feet passed into Broken Creek from Goulburn System. (*e*) Includes 1,181 acre feet passed into Broken Creek at Katamatite. (*f*) Includes 17,161 acre feet Supplementary Sales and 3,702 acre feet "out of season" Sales due to surplus water in channels. (*g*) Includes 5,524 acre feet Supplementary Sales. (*h*) Includes 5,009 acre feet Supplementary Sales and 1,520 acre feet "out of season" Sales. (*i*) Not expressed in acre feet. (*j*) Not including Campaspe, Bacchus Marsh, Maffra-Sale, and Mildura.

Total Supplementary Supply to Wimmera-Mallee from Goulburn System for period 1st July, 1950, to 30th June, 1951 :—

	Acre Feet.
From Waranga Western Channel	4,674
From Loddon River	9,950
Total	14,624

APPENDIX B.

STATE RIVERS AND WATER SUPPLY COMMISSION.

DOMESTIC AND STOCK SYSTEMS.

Return of Water Delivered to Waterworks Districts during Waterings in Year 1950; measurements being made at Headworks or at Pumping Stations.

Districts.	Quantity.	Total.
	Acre feet.	Acre feet.
Wimmera-Mallee System—		
Wimmera River and Storages	48,269	
Loddon and Goulburn Water	..	
River Murray (Nyah Pump)	..	
		48,269*

* Detailed statement of Wimmera-Mallee System hereunder.

WIMMERA-MALLEE DOMESTIC AND STOCK SUPPLY SYSTEM—WATER SUPPLIED FROM HEADWORKS.

Year.	Lake Lonsdale and Fyans Lake. Acre Feet, Gauged at Lake Lonsdale.	Wimmera River. Acre Feet, Gauged at Glenorchy.	Taylors, Pine and Wartook Lakes. Acre Feet, Gauged at Outlets.	River Murray, Nyah Pump. Acre Feet, Gauged at Nyah.	Waranga Western Channel. Acre Feet, Gauged at Avoca River.	Total Acre Feet.	Yearly Rainfall.	
							Wartook Inches.	Hopetoun. Inches.
1946 ..	17,880	7,312	18,600	26	26,583	70,401	47·05	13·18
1947 ..	21,313	5,216	21,588	160	18,517	66,794	44·41	16·34
1948 ..	31,627	3,130	25,292	113	22,809	82,791	36·30	11·93
1949 ..	26,460	3,664	32,570	150	*18,300	81,144	33·77	11·47
1950 ..	21,942	5,670	20,657	..	16,643	64,912	32.02	14.32

*NOTE.—In the Forty-fifth Annual Report Waranga water was incorrectly shown as 11,633 acre feet. Correct quantity was 18,300 acre feet.

In addition to the above, the following Quantities have been released from Headworks at Pine Lake, Green Lake, and Dock Lake Storages for Irrigation Areas in Western Wimmera and Wimmera United Districts.

Year.	Area Watered.	Gross Supply Released from Headworks.
	Acres.	Acre feet.
1946–47	2,921	8,763
1947–48	2,720	8,160
1948–49	2,730	8,190
1949–50	2,814	6,628
1950–51	2,765	10,688

APPENDIX C.

STATE RIVERS AND WATER SUPPLY COMMISSION.

WIMMERA-MALLEE AND RIVER MURRAY DOMESTIC AND STOCK SUPPLY SYSTEMS.

PERIODS OF ANNUAL WATERINGS.

WIMMERA-MALLEE.

Year.	Commenced.	Completed.	Days.
1945	19.6.45	20.2.46	247
1946	5.6.46	17.1.47	227
1947	15.4.47	10.10.47	179
1948	26·4·48	6·1·49	256
1949	26.4.49	12.11.49	201
1950	17.4.50	9.10.50	176

COREENA.

Year.	Commenced.	Completed.	Days.
1945	10.12.45	1.3.46	82
1946	4.9.46	17.10.46	44
1947	13.10.47	12.12.47	31
1948	1·6·48	4·7·48	34
1949	2.7.49	10.8.49	40
1950	4.7.50	11.8.50	39

The figures for the preceding ten years are given in the Commission's Forty-Second Annual Report.

MILLEWA.

Year.	Commenced.	Completed.	Days.
1945	14.6.45	8.12.45	178
1946	1.7.46	16.12.46	169
1947	1.6.47	21.10.47	143
1948	5·5·48	29·9·48	148
1949	4.5.49	30.8.49	119
1950	19.5.50	9.9.50	114

MILLEWA CENTRAL.

Year.	Commenced.	Completed.	Days.
1945	16.6.45	3.11.45	141
1946	5.7.46 19.7.46	13.7.46 19.11.46	143
1947	9.6.47	30.9.47	115
1948	7·5·48	24·9·48	141
1949	17.5.49	30.8.49	106
1950	23.5.50	23.8.50	93

The figures for the preceding seven years are given in the Commission's Forty-Second Annual Report.

YELTA.

Year.	Commenced.	Completed.	Days.
1945	14.1.46	12.2.46	32
1946	8.9.46 28.10.46	19.9.46 21.11.46	37
1947	22.10.47	18.11.47	28
1948	28·10·48	1·12·48	35
1949	28.8.49	25.9.49	29
1950	28.8.50	27.9.50	31

CARWARP.

Year.	Commenced.	Completed.	Days.
1945	24.10.45 6.11.45 23.1.46	26.10.45 19.1.46 26.1.46	82
1946	21.8.46	23.9.46	34
1947	16.7.47	23.8.47	39
1948	21·7·48	20·8·48	31
1949	18.7.49	13.8.49	27
1950	17.7.50	12.8.50	27

The figures for the preceding seven years are given in the Commission's Forty-Second Annual Report.

APPENDIX D.

STATE RIVERS AND WATER SUPPLY COMMISSION.

COLIBAN SYSTEM—WATER DELIVERIES.

The following statement shows the quantities of water taken into and released from the main storages of the Coliban System, the quantities delivered to water-users, and the percentages of efficiency of deliveries since the year 1938–39 :—

Year.	Inflow to Storages.			Output from Storages.	Delivered to Users.	Percentage Efficiency.	Remarks.
	From Coliban River.	Through Ashbourne Diversion Channel from Campaspe River to Coliban River.	Total.				
	acre-feet.	acre-feet.	acre-feet.	acre-feet.	acre-feet.		Water run in—
1938–39 ..	21,618	1,342	22,960	3,786	3,117	82	Main Channels only
1939–40 ..	51,452	2,226	53,678	24,673	13,282	54	Whole system
1940–41 ..	6,482	211	6,693	16,000	10,000	63	Whole system (restrictions on minor races)
1941–42 ..	36,953	1,767	38,720	17,908	13,120	73	Whole system (restrictions on minor races)
1942–43 ..	63,749	1,557	65,306	22,363	13,135	58	Whole system
1943–44 ..	22,802	848	23,650	29,900	17,000	57	Whole system
1944–45 ..	8,016	96	8,112	16,698	9,933	59	Whole system*
1945–46 ..	33,019	1,781	34,800	17,897	10,546	59	Whole system
1946–47 ..	42,386	2,344	44,730	26,136	15,086	58	Whole system
1947–48 ..	72,638	1,953	74,591	22,124	15,027	68	Whole system
1948–49 ..	44,741	2,568	47,309	24,288	16,659	69	Whole system
1949–50 ..	62,908	3,680	66,588	19,987	14,303	71	Whole system
1950–51 ..	86,903	3,776	90,679	25,476	18,406	72	Whole system

* Water restricted to one-third of normal supplied for irrigation in all channels; from February, Stock and Domestic supplies only in channels run to supply towns.

APPENDIX E.

LANDS UNDER IRRIGATED CULTURE.

The two Statements hereunder show the extent of Areas Irrigated—

(A) During the last year in detail, and

(B) During the last five years totalled for the purposes of comparison.

(A) Statement of the Extent of Irrigation and of Areas of Different Kinds of Crops Watered Year 1950-51.

Name of District.	Total Area of Holdings in Irrigation Districts in Acres.	Area classified as Irrigable within Constituted Districts in Acres.	Water Rights Apportioned (including Extra Water Rights) (Acre-Feet).	Area Irrigated, including Lands adjoining a District, in Acres.										
				Total.	Cereals.	Lucerne Grown for Pasture and Hay.	Sorghum and Other Annual Fodder Crops.	Pastures.			Vineyards.	Orchards.	Market Gardens.	Fallow and Miscellaneous.
								Native.	Annual	Perennial				
GOULBURN SYSTEM.														
Katandra	13,970	11,189	7,329	**7,555**	622	367	..	20	2,394	4,152	..	..	..	..
North Shepparton	124,082	61,439	13,201	**21,920**	3,905	1,565	62	1,078	12,787	2,392	12	38	81	..
Shepparton	24,330	21,255	21,256	**17,282**	20	498	16	678	3,134	3,151	78	7,898	1,797	12
South Shepparton	33,704	17,920	4,404	**7,975**	687	801	11	501	4,485	1,292	..	54	144	..
Rodney	272,609	190,303	60,922	**96,994**	231	15,096	358	2,370	45,949	22,533	163	8,605	1,651	38
Tongala-Stanhope	76,142	47,622	48,048	**43,794**	99	2,202	3	996	13,705	25,083	9	1,574	67	56
Rochester	182,005	56,995	57,466	**62,254**	414	3,823	182	5,787	21,637	28,851	6	1,038	364	152
Dingee	8,823	4,447	4,447	**4,052**	..	16	..	66	918	3,036	..	3	..	13
Calivil	61,134	32,527	6,505	**11,154**	109	314	86	1,764	4,384	4,217	..	16	60	204
Tragowel Plains	218,505	148,759	31,192	**44,969**	3,018	691	933	17,334	12,495	8,942	..	16	20	1,520
Deakin	160,879	21,202	5,698	**6,996**	5	678	..	392	2,399	3,518	..	..	4	..
Boort*	80,233	56,725	11,339	**18,958**	386	879	569	7,041	6,680	770	..	..	..	2,633
Totals	1,256,416	670,383	271,807	**343,903**	9,496	26,930	2,220	38,027	130,967	107,937	268	19,242	4,188	4,628
RIVER MURRAY SYSTEM.														
(a) Torrumbarry Weir.														
Cohuna	85,764	44,687	49,302	**59,802**	1,695	1,162	34	19,247	15,564	21,421	..	61	..	618
Koondrook	88,180	24,572	24,622	**35,604**	932	1,238	331	8,344	19,454	3,006	2	1,058	30	1,209
Swan Hill	37,173	22,257	25,875	**23,753**	1,056	3,114	62	1,527	5,123	6,886	3,415	196	1,423	951
Third Lake	11,483	3,771	2,513	**3,445**	305	52	31	423	2,345	270	..	2	..	17
Mystic Park	20,274	7,805	2,677	**3,204**	590	40	36	932	554	680	20	..	..	352
Tresco	4,700	2,000	..	**1,414**	..	..	..	..	..	..	1,190	189	..	35
Fish Point	6,327	3,756	1,845	**2,256**	325	60	..	1,314	..	549	..	..	8	..
Kerang	88,576	55,435	21,407	**39,306**	2,233	1,200	753	15,215	14,151	4,724	..	2	14	1,014
Kerang North-West Lakes	35,943	..	..	**4,832**	469	102	..	2,134	995	485	28	347	2	70
Private Diversions	..	..	..	**22,037**	837	552	24	4,068	14,110	1,759	72	156	245	214
Totals	378,420	164,283	128,241	**195,453**	8,442	7,520	1,271	53,204	72,296	39,780	4,727	2,011	1,722	4,480
(b) Yarrawonga Weir.														
Murray Valley	267,344	147,375	67,208	**42,312**	692	10,352	230	4,700	15,420	7,480	40	2,756	418	224
(c) Direct from River by Pumping.														
Nyah	3,842	2,682	7,269	**2,934**	54	42	34	26	42	84	2,458	112	82	..
Red Cliffs	30,975	11,286	34,087	**11,666**	..	107	40	..	40	..	10,917	442	120	..
Merbein	10,520	7,623	23,438	**8,403**	15	110	162	98	90	..	7,282	546	100	..
Robinvale	4,534	3,016	..	**2,290**	..	..	..	..	..	..	2,025	235	..	30
Totals	49,871	24,607	64,794	**25,293**	69	259	236	124	172	84	22,682	1,335	302	30
Totals (River Murray System)	695,635	336,265	260,243	**263,058**	9,203	18,131	1,737	58,028	87,888	47,344	27,449	6,102	2,442	4,734
LODDON AND OTHER NORTHERN SYSTEMS.														
Boort	..	..	..	**998**	20	46	30	371	351	41	..	..	..	139
East Loddon	..	..	..	**237**	..	88	..	40	80	23	..	..	6	..
Loddon	..	..	..	**39**	..	..	..	39	..	..	..	..	..	..
West Loddon	..	..	..	**2,988**	59	178	..	142	176	..	..	2	..	2,431
Coliban	..	10,970	..	**7,730**	37	537	75	897	759	870	16	3,353	1,186	..
Campaspe	19,725	..	..	**1,011**	408	205	..	327	20	45	..	4	..	2
Western Wimmera	..	3,097	..	**2,639**	..	258	..	..	70	957	14	967	341	32
Wimmera United	..	162	..	**127**	..	67	..	26	34	..	..	..	..	..
Totals	19,725	14,229	..	**15,769**	524	1,379	105	1,842	1,490	1,936	30	4,326	1,533	2,604
SOUTHERN SYSTEMS.														
Bacchus Marsh	6,753	3,310	3,311	**2,903**	22	515	..	834	..	1,007	..	157	270	98
Werribee	9,704	8,146	8,147	**7,882**	..	489	88	..	..	3,680	..	333	3,020	272
Maffra-Sale	54,332	23,091	23,107	**19,992**	..	708	117	..	101	19,029	..	..	15	22
Mornington Peninsula	..	..	..	**1,544**	..	..	..	..	..	..	..	..	1,185	359
Bellarine Peninsula	..	..	..	**80**	..	6	..	..	..	..	..	..	74	..
Totals	70,789	34,547	34,565	**32,401**	22	1,718	205	834	101	23,716	..	490	4,564	751
MILDURA AND PRIVATE DIVERSIONS.														
First Mildura Trust District	44,000	15,000	..	**13,396**	..	211	232	..	..	..	11,988	965	..	..
Other Private Diversions throughout the State	..	..	..	**47,524**	6,019	6,103	598	3,107	6,087	12,884	2,847	4,080	3,184	2,615
Totals	44,000	15,000	..	**60,920**	6,019	6,314	830	3,107	6,087	12,884	14,835	5,045	3,184	2,615
Grand Totals **1950-51**	**2,086,565**	**1,070,424**	**566,615**	**716,051**	**25,264**	**54,472**	**5,097**	**101,838**	**226,533**	**193,817**	**42,582**	**35,205**	**15,911**	**15,332**
Grand Totals 1949-50	2,084,001	**1,047,254**	553,602	**662,290**	35,305	60,095	7,903	78,502	185,451	189,396	41,362	35,234	16,438	12,604

* Boort District is supplied from the Goulburn and the Loddon Systems.

(B) Comparative Statement of the Extent of Irrigation—1946-47 to 1950-51.

Source of Supply.	Area under Irrigation (Acres).				
	1946-47.	1947-48.	1948-49.	1949-50.	1950-51.
Goulburn System	345,044	337,700	364,113	316,440	343,903
River Murray System	250,841	230,568	244,959	233,899	263,058
Loddon and Other Northern Systems	15,115	14,776	18,160	16,784	15,769
Southern Systems	36,878	38,355	35,622	33,216	32,401
Mildura Trust and Private Diversions	60,712	65,449	60,114	61,951	60,920
Totals	708,590	686,848	722,968	662,290	716,051

APPENDIX F.

STATE RIVERS AND WATER SUPPLY COMMISSION.

TOTAL STORAGES IN STATE.

In 1902 the total capacity of storages in the State was 172,000 acre feet. The present capacity of those under the Commission's direct control is 1,975,780 acre feet. The Hume Reservoir, designed to contain 2,000,000 acre feet (half of which can, subject to the provisions of the River Murray Agreement, be credited to the State of Victoria), has a capacity of 1,250,000 acre feet. When the final stage of this work has been completed and the Rocklands, Cairn Curran, and Glenmaggie Reservoirs are completed, the combined capacities of Victoria's storages will be 2,790,780 acre feet.

EXISTING STORAGES.

Storage.	Capacity in Acre feet.		Full Supply Reduced Level.	Capacity.	
			Feet.	Acre feet.	Acre feet.
Goulburn System—					
Eildon			823·00	306,000	
Goulburn Weir (8,000 acre feet below gravitation level)			408·00	20,700	
Waranga (53,000 acre feet below gravitation level)			398·00	333,400	
					660,100
Murray–Loddon System—					
Hume Reservoir	1,250,000	River Murray Works.	606·00 (*a*)		
Yarrawonga Weir	95,120		412·80 (*b*)		
Torrumbarry	28,900		285·00 (*c*)	736,420	
Euston	31,320	Half share to Victoria.	159·00 (*c*)		
Mildura	29,360		116·00 (*c*)		
Wentworth	38,140		104·15 (*c*)		
	1,472,840				
Kow Swamp			272·00	40,860	
Laanecoorie			527·00	6,300	
Kerang-North West Lakes—					
Third, Middle, Reedy	(52,100 acre feet below gravitation level)		244·75		
Kangaroo, Racecourse, Charm			241·00	69,400	
Cullens			240·25		
Lake Boga (18,200 acre feet below gravitation level)			226·50	29,650	
Lake Cullulleraine			101·00	2,000	
					884,630
Wimmera–Mallee System—					
Fyans Lake (800 acre feet below gravitation level)			673·00	17,100	
Lake Lonsdale (1,600 acre feet below gravitation level)			618·2[illegible]	53,300	
Wartook (700 acre feet below gravitation level)			1,451·06	23,800	
Taylors Lake (1,500 acre feet below gravitation level)			482·33	30,000	
Pine Lake (19,700 acre feet below gravitation level)			475·00	52,000	
Green Lake			452·50	6,600	
Dock Lake			442·00	4,800	
Moora (200 acre feet below gravitation level)			723·50	5,100	
Lower Wimmera Weirs			..	2,870	
Batyo Catyo (Avon Regulator)			402·00	5,000	
Lake Whitton			375·00	1,300	
Township Reservoirs and Mallee Tanks			..	4,990	
					206,860
Maffra–Sale System—					
Glenmaggie			244·00	106,000	
Service Basins (Stratford, Heyfield)			..	40	
					106,040
Coliban System—					
Upper Coliban			1,652·00	25,700	
Malmsbury			1,477·00	14,400	
Lauriston			1,574·20	16,000	
Spring Gully			899·00	2,000	
Subsidiary Reservoirs			..	4,630	
					62,730
Werribee System—					
Pykes Creek			1,306·00	19,400	
Melton			273·00	15,500	
					34,900
Bellarine Peninsula System—					
Wurdee Boluc			441·50	10,000	
Service Basins			..	850	
					10,850
Mornington Peninsula System—					
Lysterfield			221·50	3,400	
Beaconsfield			340·00	740	
Frankston			255·00	660	
Mornington			244·00	260	
Bittern			250·00	480	
Service Basins			..	260	
					5,800
Otway System—					
Service Basins			..	..	1,080
Miscellaneous—					
Eppalock			530·00	1,200	
Wonthaggi			238·00	1,550	
Wonthaggi Service Basins			..	10	
Newstead			806·00	30	
					2,790
Total Capacity of Existing Storages			..	..	**1,975,780**
ADDITIONAL STORAGE BEING PROVIDED BY WORKS IN COURSE OF CONSTRUCTION.					
Wimmera–Mallee System—					
Rocklands (3,250 acre feet below gravitation level)			644·00	..	272,000
Murray–Loddon System—					
Cairn Curran			684·50	..	120,000
FURTHER STORAGE WHICH WILL BE PROVIDED WHEN GATES ARE INSTALLED ON THE RESPECTIVE SPILLWAYS.					
Maffra–Sale System—Glenmaggie to 154,000 acre feet			256·00	48,000	
Murray System—Hume Reservoir to 2,000,000 acre feet (half share to Victoria)			626·00	375,000	
					423,000
TOTAL CAPACITY OF STORAGES WHEN WORKS ARE COMPLETED			..	..	**2,790,780**

(*a*) One foot below New South Wales Standard Datum.
(*b*) New South Wales Water Conservation Datum.
(*c*) River Murray Lock Site Datum. All other levels are to Victorian Railways Datum.
(*d*) Capacity of Glenmaggie Reservoir revised following re-survey.
(*e*) Capacity of Rocklands Reservoir at 30th June, 1951, 6,720 acre feet. (R.L. 604·2 feet.)

APPENDIX G.

STATE RIVERS AND WATER SUPPLY COMMISSION.

VICTORIAN WATER SUPPLY STATISTICS.

1950-51.

AREA.

Area of State of Victoria	**87,884**	**square miles =**	**56,245,760 acres**
Area of rural and urban lands artificially supplied with water for domestic and stock and industrial purposes by channels, tanks, bores, and pipe lines, excluding Melbourne Metropolitan area	**20,107***	**square miles =**	**12,868,180* acres**
Area of Irrigation Districts and other lands supplied for irrigation			**2,445,300* acres**
Area Irrigated (1950-51)			**716,051 acres**
Area within Flood Protection Districts			**148,910* acres**
Area within Drainage Districts			**18,450* acres**

* Gross area.

AVERAGE ANNUAL RAINFALL.

Over State (87,884 square miles)				10 inches to 80 inches
Under 15 inches	18,701	square miles =	21·3	per cent. of area of State
15 inches to 20 inches	13,800	„ „ =	15·7	„ „ „
20 „ 25 „	13,551	„ „ =	15·4	„ „ „
25 „ 30 „	14,528	„ „ =	16·5	„ „ „
30 „ 40 „	15,802	„ „ =	18·0	„ „ „
40 „ 50 „	6,671	„ „ =	7·6	„ „ „
50 „ 60 „	2,660	„ „ =	3·0	„ „ „
Over 60 inches	2,171	„ „ =	2·5	„ „ „
Total	87,884			

WATERWORKS—

Controlled by Commission—

Storages—

Number of large reservoirs	**35**
Number of subsidiary reservoirs and service basins	**238**

Total capacity of storages, 537,906 million gallons = 1,975,780* acre feet.

* Includes half share of Hume Reservoir and other River Murray Works.

Channels—Length—

Irrigation	**4,708 miles**	
Domestic and Stock	**8,514 miles**	
Drainage and Flood Protection	**2,083 miles**	
Total		**15,305 miles**

Pipe Lines—Length—

Mains	**260 miles**	
Reticulation	**920 miles**	
Total		**1,180 miles**

Tanks—Excavated—

Number in Wimmera-Mallee Waterworks Districts	**260 tanks**

Bores—

Number in Waterworks Districts	**55 bores**

Water Deliveries—

Quantity water delivered from Commission's Works to water-users (excluding deliveries to Wimmera-Mallee and Other Domestic and Stock Systems)	**684,887 acre feet**

RURAL DISTRICTS—

Administered by Commission—

	Number of Districts.	Number of Assessments.	Population.
Irrigation Districts	**28**	**13,474**	**40,014**
Waterworks Districts (including rural lands, Coliban System)	**35**	**20,975**	**57,062**
Flood Protection Districts	**4**	**1,519*** **(43)**	**4,055* (63)**
Drainage District	**1**	**4,980**	**5,100**
Totals	**68 districts**	**40,948 assessments**	**106,231 persons**

* Excluding figures in brackets which show the number of assessments and population in respect of lands also within an Irrigation District.

URBAN DISTRICTS—

Reticulated pipe supplies for domestic and industrial purposes—

	Number of Towns.	Population.
Administered by Commission	**130**	**152,320 persons**
„ „ Waterworks Trusts	**121**	**248,530 „**
„ „ Local Governing Bodies	**15**	**85,450 „**
Totals	**266 towns**	**486,300 persons**

SEWERAGE AUTHORITIES—

Controlled by Local Authorities supervised by Commission

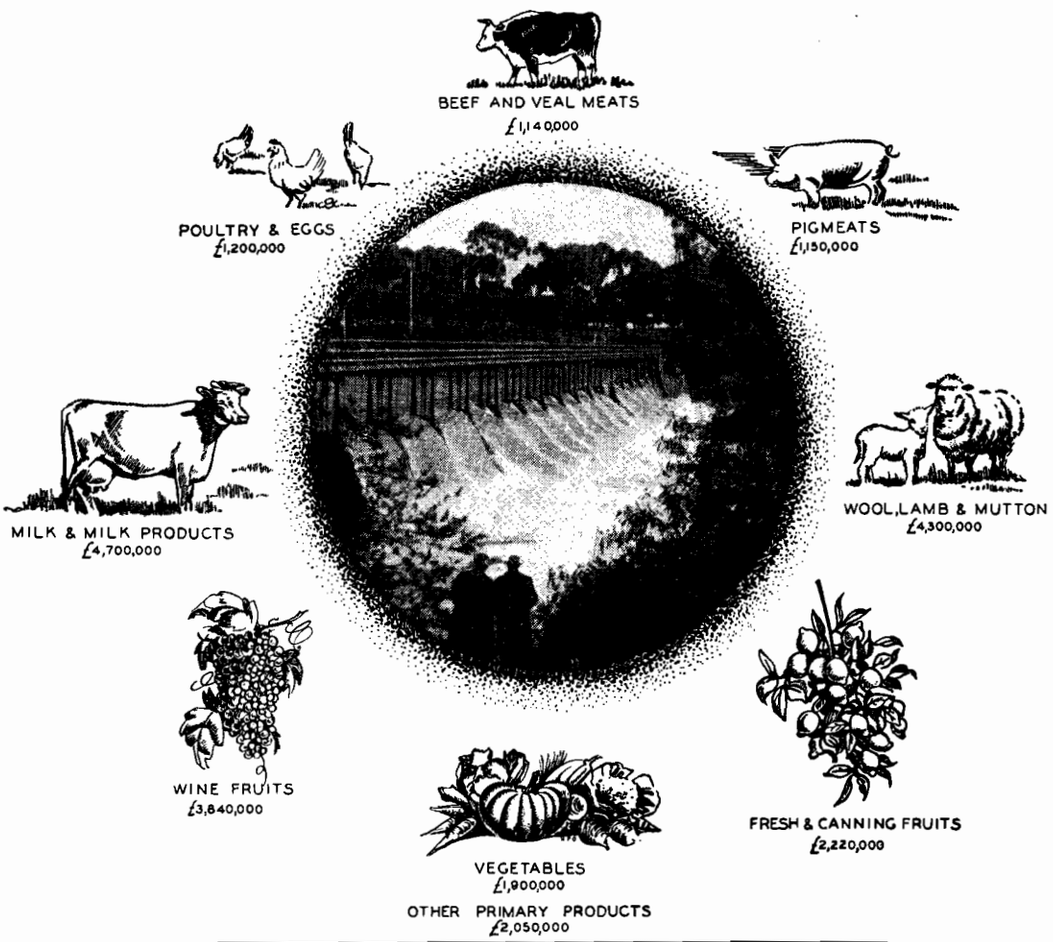
	Number of Towns.	Population.
25 (Systems operating)		**175,750 persons**
3 (Systems partly operating)		**6,650 „**
29 (Systems not operating)		**66,980 „**
Totals	**57 towns**	**249,360 persons**

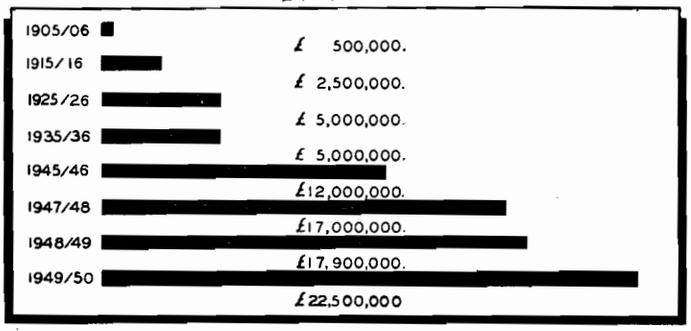
CAPITAL LIABILITY FOR WATER SUPPLY—

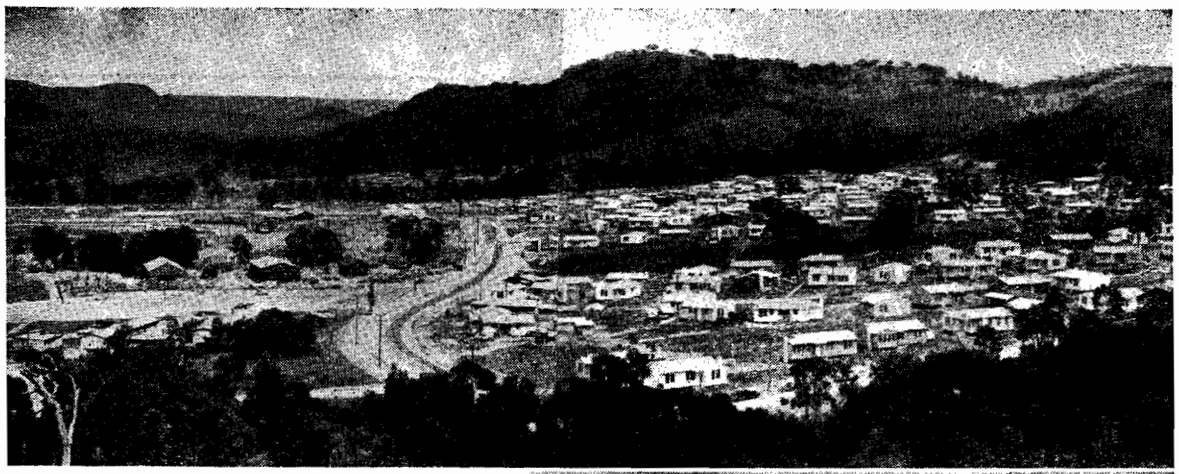
Total to 30th June, 1951—(*a*) Borne by the State	**£40,493,290**
(*b*) Borne by the Districts	**£5,635,312**
Total	**£46,128,602**

VALUE OF PRIMARY PRODUCTION IN IRRIGATION AREAS

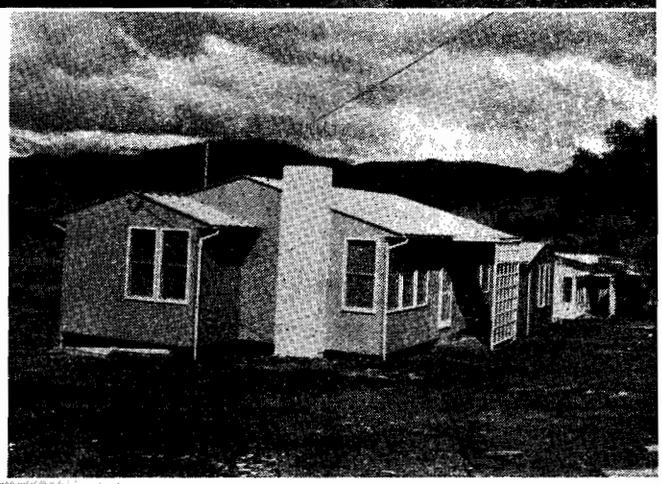
1949 - 50







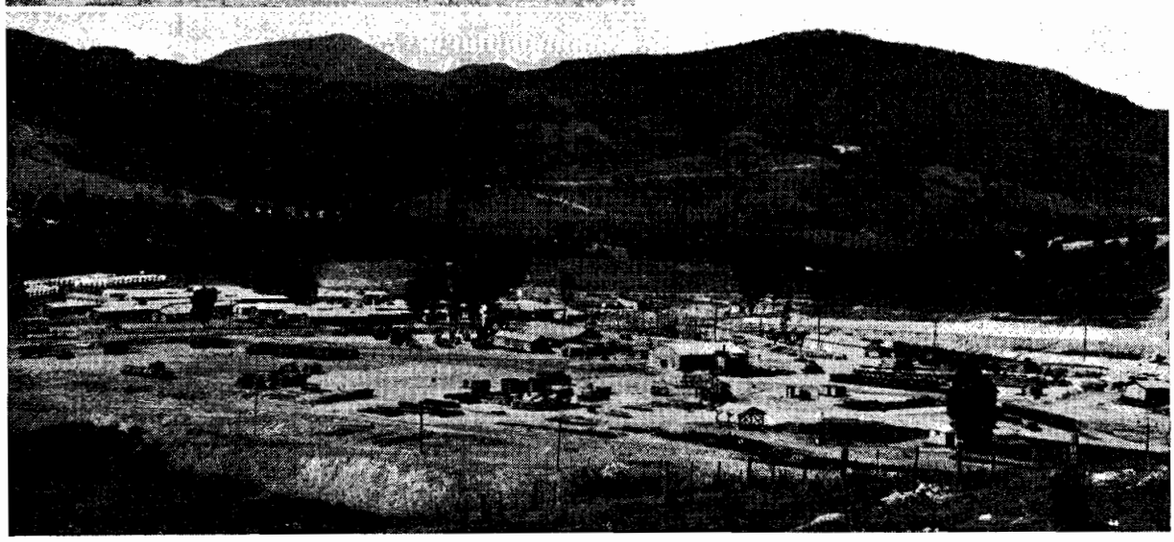
Above—New Eildon township. Laid out on modern town-planning lines, the permanent residential section of the township comprises 300 pre-cut all-electric houses with 2, 3, and 4 bedrooms. Additional accommodation for construction personnel will be provided in hostels and temporary houses. Police and fire stations, a school, and a shopping centre are under construction.

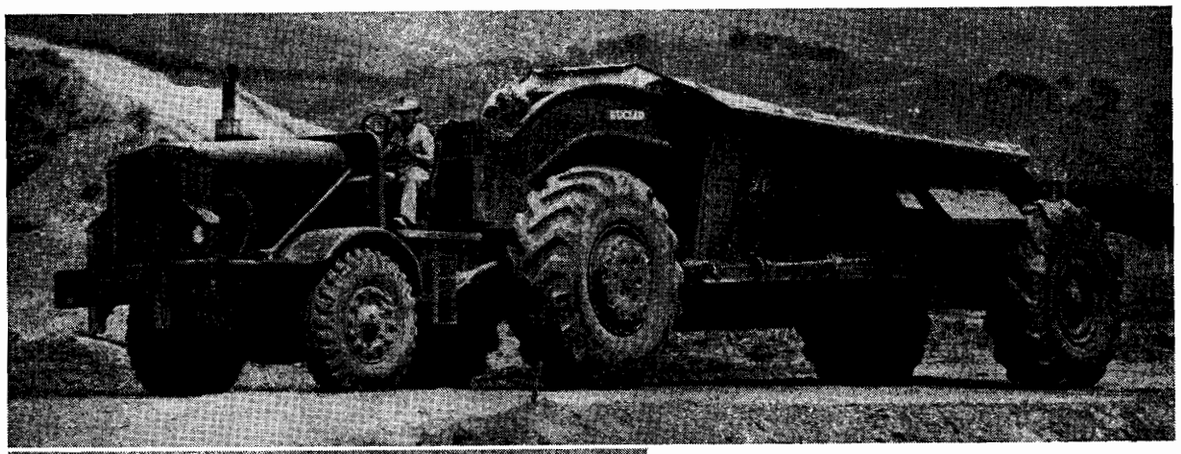


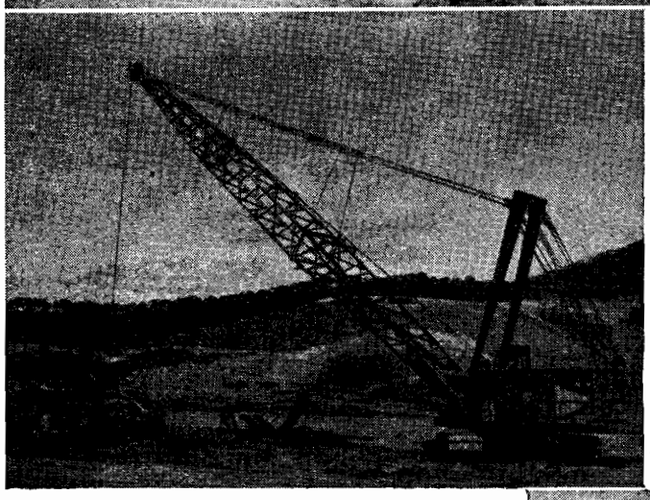
Right—One of the pre-cut houses constructed at Eildon. It is expected that sufficient accommodation will be available for between 1,200 and 1,400 men by the end of 1951.

Left—Works area, looking across site of proposed 120,000 kW. power house towards existing power house and Eildon Reservoir. Up to 30th June, 1951, work on the main contract was mainly confined to organization, assembling equipment, and construction of roads and water and sewerage services in the works and township areas.

Below—General view of buildings, machines, and stores in workshops area.





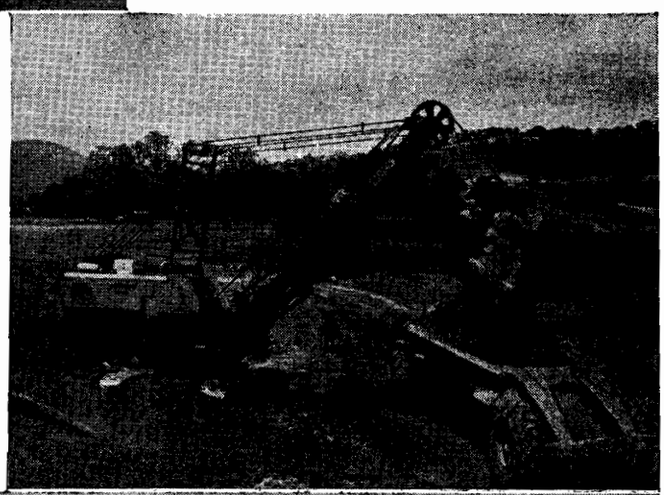


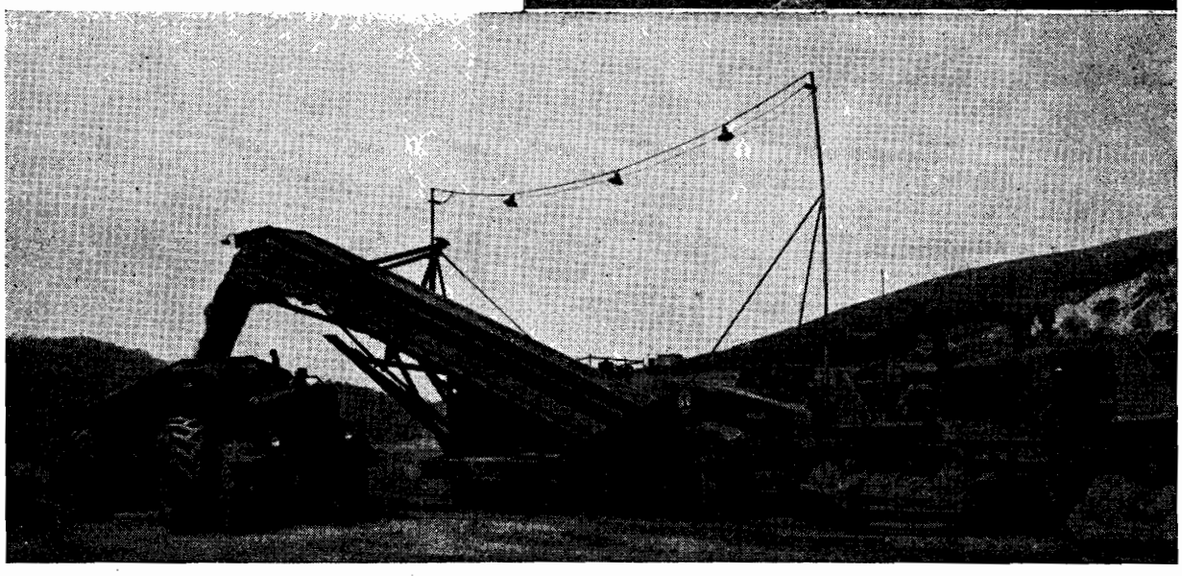
Above—One of a fleet of 27 Euclid Bottom Dump Wagons imported for use on the Big Eildon Project. Each unit is powered by a 300-h.p. diesel engine and has a truck capacity of 25 cubic yards.

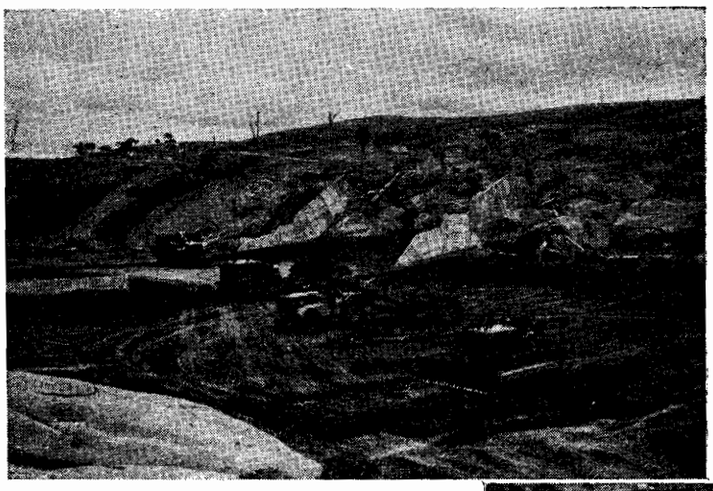
Left—A 6½-cubic yard Manitowoc dragline excavator in operation.

Right—A 3½-cubic yard Marion Shovel loading spoil into bottom dump wagon for stock-piling in works area.

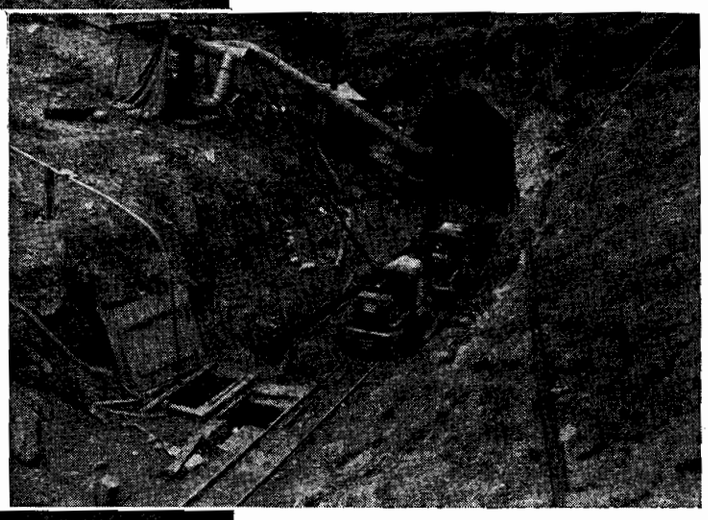
Below—Euclid Loader drawn by two HD20 tractors loading bottom dump wagon. The Loader, mounted on two 20-ton tracks, is powered by a 275-h.p. diesel engine and has an output of 800 cubic yards (1,000 tons) of earth material per hour.



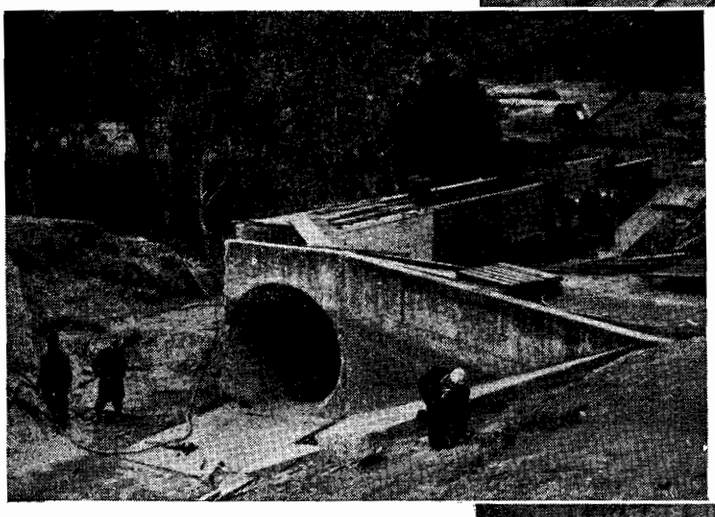




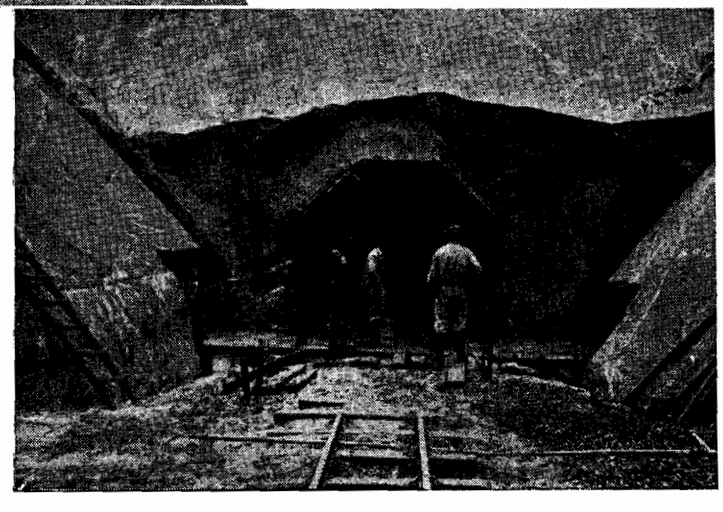
Cairn Curran Reservoir—
Spreading, grading, and rolling filling at end of main embankment.



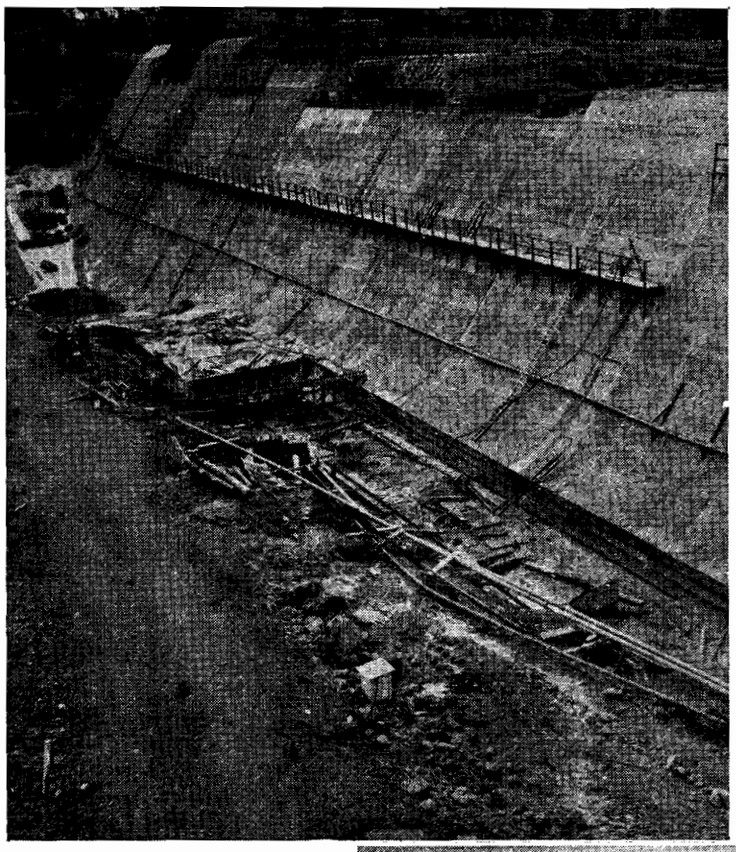
Central Gippsland Irrigation Project—
Diesel locomotives hauling drilling jumbo from tunnel through "Alec's Downfall" on the Main Southern Channel.



Central Gippsland Irrigation Project—
Constructing elevated flume to augment existing siphon on Main Southern Channel.

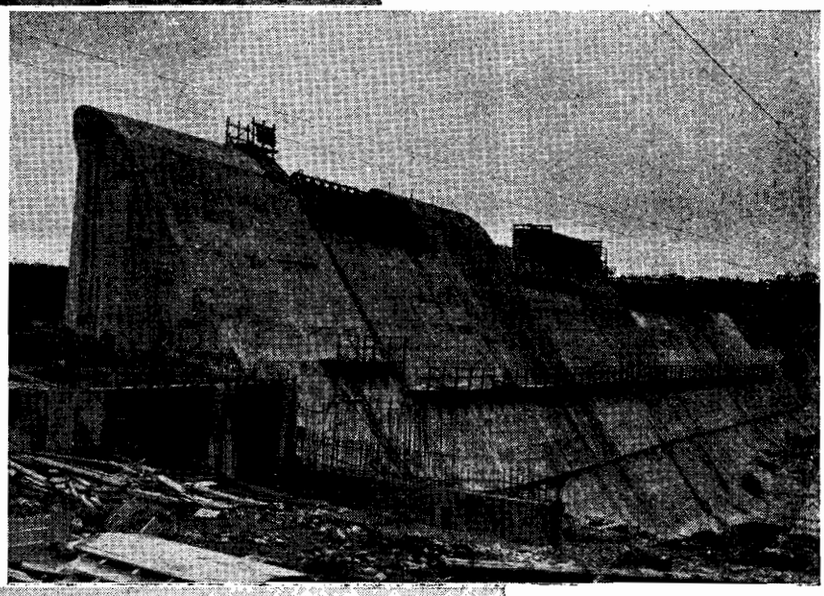


Tarago River Diversion—
Excavation for concreting of the downstream portal of tunnel which when completed will be two miles in length. Construction of the tunnel is part of the project to divert the headwaters of the Tarago River to supplement supplies to towns on the Mornington Peninsula.



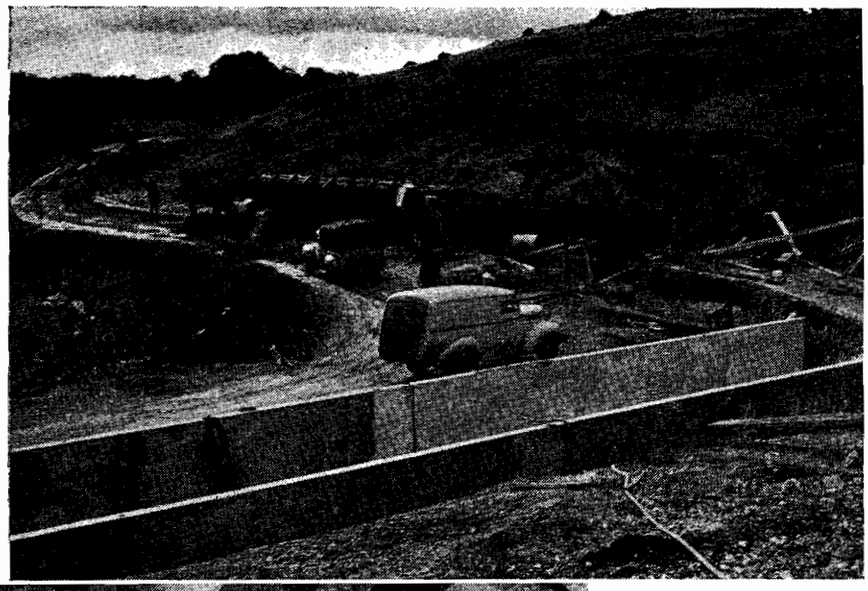
ROCKLANDS RESERVOIR.

Rocklands Dam, now nearing completion, is situated on the Glenelg River near Balmoral. The dam will have an overall length of 1,580 feet comprising a concrete spillway section 507 feet long, non-overflow concrete sections 385 feet in length, and rock-fill abutments 688 feet in length. The dam will impound 264,000 acre feet of water which with a subsidiary storage of 60,000 acre-feet at Toolondo will safeguard domestic and stock water supplies to 12,000 farms and 110 towns and settlements in the Wimmera and Mallee Districts. A total of 70,728 cubic yards of concrete will be used in the construction of the concrete wall. The picture at left shows the downstream face of the spillway section with formwork erected for placing concrete.

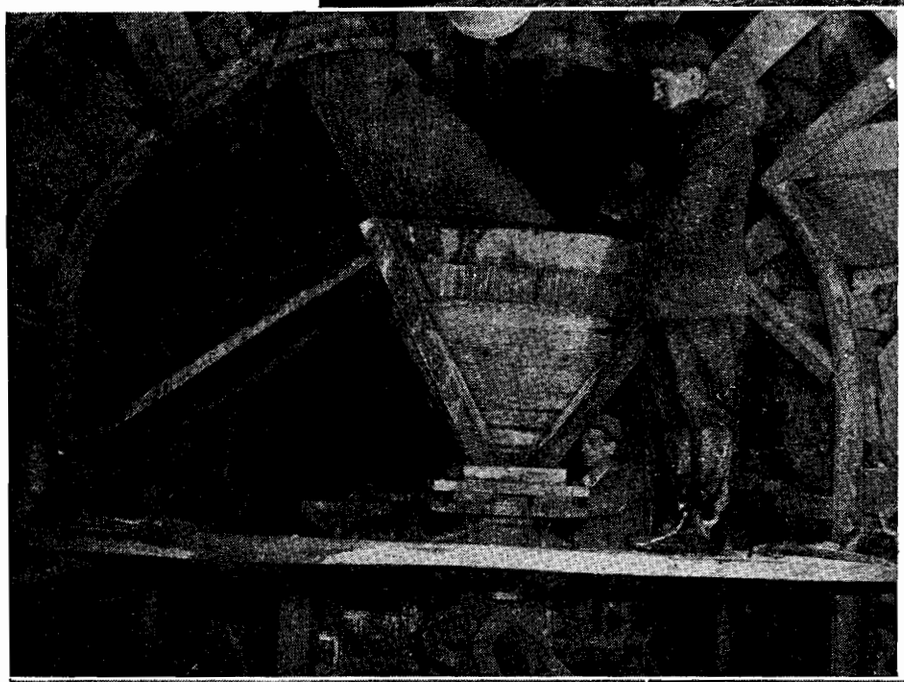


Right—Spillway section partially completed to crest level. Outlet works under construction in foreground. Height of the spillway section above the general level of the foundation in the river section is 80 feet.

Left—Looking along upstream face of dam. Storage of water commenced on 26th May, 1951. When completed the dam will create a lake 26 miles long and 25 square miles in area.

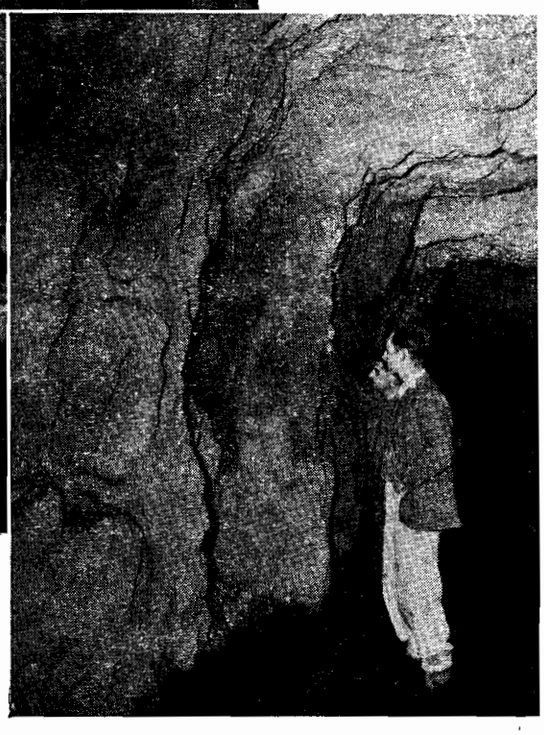


Right—A section of reinforced concrete bench flume on the Rocklands-Toolondo Channel. The channel has a capacity of 250 cusecs and will carry water for a distance of 26 miles from Rocklands Reservoir to Toolondo Reservoir.



Left—Pumping concrete for lining of tunnel which forms part of the Rocklands-Toolondo Channel. The tunnel, which is 8 feet wide, 10 feet high, and 3,750 feet long, enables the diversion of the headwaters of the Glenelg River inland through the extreme western end of the Great Divide.

Above—Tractor-Scraper Units working in new cut for the Toolondo Outlet Channel which will link Toolondo Reservoir with the Wimmera-Mallee Waterworks System.



Right—A section of the tunnel after lining with concrete.

By Authority: J. J. GOURLEY, Government Printer, Melbourne.