1950.

VICTORIA.

STATE RIVERS AND WATER SUPPLY COMMISSION.

FORTY-FOURTH

ANNUAL REPORT,

1948-49.

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

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STATE RIVERS AND WATER SUPPLY COMMISSION.

100–110 Exhibition Street,
Melbourne, C.1,
20th December, 1949

ANNUAL REPORT, 1948-49.

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 1948–49, and Estimates for the ensuing year.

L. R. EAST, 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.Sc., 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, 1949.

SUMMARY OF REPORT.

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This Report covers the period 1st July, 1948, to 30th June, 1949.	
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PART I.—GENERAL.

The period covered by this Report, namely, 1st July, 1948, to the 30th June, 1949, has been one of the most important in the history of the Commission from the point of view both of work carried out and of the magnitude and importance of projects recommended to and approved by the Government. Despite the shortages of material which are being experienced in all parts of Australia, very considerable progress has been made on the Rocklands Reservoir on the Glenelg River, Cairn Curran Reservoir on the Loddon River, the extensive Murray Valley Irrigation System, the Nambrok-Denison extension of the Central Gippsland project and the newly established Robinvale dried fruits settlement.

Since the termination of the war, the Commission has expanded its developmental work very rapidly as can be seen from the following statement of actual expenditure on the construction of new works.

Financial Year.	*Amount.*
	£
1945–46	433,000
1946–47	1,466,000
1947–48	1,893,000
1948–49	2,252,000

The growing realization by the people of this world that increasing populations have overtaken world food supplies makes the work of the Commission in extending irrigation projects of greater importance than ever before, as the concentrated production from irrigation areas will contribute more and more to world food supplies as time goes on. Not only has significant progress been achieved on works already in hand, but approval by the Government of the tremendous Eildon Project, the greatest irrigation proposal ever to be considered in Australia, marks a new era in the development of this State's natural water resources. In addition the Government has approved of a large storage on the Campaspe River at Eppalock, and the Parliaments of the Commonwealth and the States of New South Wales, South Australia and Victoria have agreed to increase the storage capacity of the Hume Reservoir from 1,250,000 acre feet to 2,000,000 acre feet. Another important development during the year was the proclamation of comprehensive River Improvement legislation. Surmounting all these in importance, however, so far as Australia is concerned, has been the approval given by the Commonwealth and the States of New South Wales and Victoria to what is now known as the Snowy Mountains Hydro-Electric Scheme, in the conceiving and evolving of which the State Rivers and Water Supply Commission has been closely associated.

Whilst the Commission has reason to be proud of the achievements of the past year and its plans for future development, difficulties inseparable from Public Service control of the staff of our organization, which is both a constructing authority and a public utility, have greatly handicapped the Commission in the implementation of its works programme, and have caused many delays in the commencement of works and the loss of many opportunities of making faster progress with works actually proceeding.

It is not generally realized that the completion of an irrigation project is only the beginning of the Commission's responsibilities insofar as that particular work is concerned, as for all times thereafter it will be necessary for the distribution of the stored water to the land to be efficiently carried out and the very extensive channel systems adequately maintained. The effective distribution of water supplies for domestic, stock and irrigation purposes requires the training over a long period of officers who cannot be replaced at a moment's notice. It can be said, without hesitation, that the development of the water resources of this State will be seriously delayed, and the delays will be matters not of a few months, but of many years, unless the Commission is given freedom to appoint and train the staff it requires to carry out the duties imposed upon it by Parliament.

The Commission's difficulties in connection with staff control could be overcome if it were given comparable powers in regard to the recruitment, training, and promotion of officers as are already possessed by many other public utilities in Victoria, such as the Melbourne and Metropolitan Board of Works, the State Electricity Commission, the Melbourne Harbour Trust, and by the more recently constituted Commonwealth authorities, Trans Australian Airlines and the Snowy Mountains Hydro-Electric Authority. The Water Conservation and Irrigation Commission of New South Wales and the Hydro-Electric Commission of Tasmania are also free from Public Service staff control.

ADMINISTRATION.

Retirement of Commissioner H. Hanslow.

On the 31st January, 1949, at the expiration of his term of appointment, Mr. Harold Hanslow retired from his position as a Commissioner of the State Rivers and Water Supply Commission and at the meeting of the Commission held on the 1st February, 1949, the following Resolution was passed :—

> " Commission.—Retirement of Commissioner Hanslow—Following the retirement of Mr. Harold Hanslow from the position of a Commissioner it was agreed that the Commission place on record its appreciation of his work over the past eleven years during which he held office, and in which period marked progress had been achieved in water conservation and distribution throughout the State, and that the Commission particularly record Mr. Hanslow's very great contribution to the solution of the soil erosion problems confronting the State of Victoria, especially throughout the Mallee Waterworks Districts, in that, while performing the duties of a member of the Commission, he took a leading part in laying the foundations upon which the most modern methods of soil conservation are being built, and did so much to create an active " soil saving conscience " throughout the State. It was agreed also that the Commission record its regret that time has brought to a close Mr. Hanslow's distinguished career as a Commissioner."

Appointment of Commissioner J. A. Aird.

On the 1st February, 1949, the Governor in Council appointed Mr. J. A. Aird, B.S.Agr. (Cal.), B.Agr.Sc., Dip.Com. to be a Commissioner of the State Rivers and Water Supply Commission for a period of five years following upon the retirement of Commissioner Hanslow.

LEGISLATION.

The following Acts affecting the Commission were passed by Parliament in the 1948/49 session :—

> " Act No. 5302.—An Act relating to River Improvement and Drainage and for other purposes."

On the 1st January, 1949, the *River Improvement Act* 1948 came into operation. This Act provides for the constitution of river improvement districts each under the control of a river improvement authority, which may be the Commission or a Local Trust acting under the general supervision of the Commission in much the same way as do Waterworks Trusts. Each authority will have power to carry out and maintain works of river improvement, including, if necessary, drainage, and to levy a rate on lands within its district and benefited by the works, so as to obtain revenue for maintenance.

The Government is making available substantial financial assistance by way of free grants to River Improvement Authorities on the following basis :—

Capital Works in River Improvement Districts to be financed by advances from Loan Funds on the following basis :—

(*a*) Seven-eighths of the total cost of approved works other than the construction of levee banks or the excavation of drains to be provided by the State as free grants ;

(*b*) Two-thirds of the total cost of approved levee banks and drains to be provided by the State as free grants ;

(*c*) River Improvement Authorities to repay to the State the remaining portion on terms similar to those operating in connection with Urban Waterworks Trusts, i.e., $3\frac{1}{4}$ per cent. total payment per annum to cover interest (3 per cent.) and Sinking Fund ;

(*d*) Grants to River Improvement Authorities to be conditional upon satisfactory arrangements being made for adequate rates to be levied to meet annual maintenance, management, and capital charges as provided in the River Improvement Act.

Keen interest in the Act has been shown in many localities. Officers of the Commission have attended some thirty meetings of landholders and Shire Councillors, in various parts of the State, to explain the provisions of the Act and causes of action possible under it. In a number of cases the landholders concerned have requested the respective Shire Councils to take steps towards the constitution of a River Improvement District.

The power of municipal councils to carry out river improvement work is confirmed by the Act, and will enable the carrying out of minor works which do not justify the formation of a rated district. The Rivers and Streams Fund, the control of which has been transferred from the Minister of Public Works to the Minister of Water Supply will be available for approved works of this nature.

The River Improvement Act makes it possible for existing drainage areas, under the *Drainage Areas Act* 1928, to be incorporated in or converted into river improvement or drainage districts. In some cases, as for instance the existing drainage areas along the Latrobe River, such conversion will be desirable. In many cases, however, it will be preferable for the drainage areas to continue to function under the Drainage Areas Act.

> " Act No. 5321.—An Act relating to Land in the North-west Mallee and for other purposes."

This Act provides for the formation of a Committee to inquire into and make recommendations to the Board of Land and Works concerning the re-allocation of lands in the North-west Mallee Settlement Area.

The Committee which includes the Secretary for Lands and an officer of the State Rivers and Water Supply Commission expects to make a report and recommendation early in the coming year.

> " Act No. 5369.—An Act to ratify and approve an agreement for the further variation of the agreement entered into between the Prime Minister of the Commonwealth and the Premiers of the States of New South Wales, Victoria and South Australia respecting the River Murray and Lake Victoria and other waters and to amend the River Murray Waters Acts, and for other purposes."

The original River Murray Agreement was signed by the Prime Minister of Australia, the Right Honorable Joseph Cook, and the Premiers of the States of New South Wales (the Honorable W. A. Holman), Victoria (the Honorable A. J. Peacock), and South Australia (the Honorable A. H. Peake) on the 9th September, 1914, and ratified by the River Murray Waters Acts in the Parliaments of the Commonwealth and the three States in 1915.

That Agreement provided for the construction of specific works for the conservation and regulation of the flow of the River Murray for irrigation and navigation, the allocation of Murray waters between the three States concerned, and the appointment of the River Murray Commission to give effect to the Agreement. The works to be carried out consisted of the construction of the Hume Reservoir and another large Storage at Lake Victoria near the South Australian boundary, together with twenty-six (26) weirs and locks on the Murray between its mouth and Echuca and nine weirs and locks on the Murrumbidgee.

With regard to the distribution of waters between the three States, the Agreement provided that the minimum quantity of water to be allowed to pass for supply to South Australia in each year was to be sufficient to fill Lake Victoria Storage and, with the aid of water returned from Lake Victoria, to maintain certain minimum flows in the lower river varying from 47,000 acre-feet per month in the winter months to 134,000 acre-feet per month in the four summer months for maximum demand—the total amounting to 1,254,000 acre-feet over the twelve months. Subject to the meeting of the South Australian allocation set out above, the flow of the Murray at Albury was to be shared equally by New South Wales and Victoria, and each of these two States was to have control of its tributaries below Albury.

Realizing that there would be periods of severe drought when the flows would be insufficient to meet the full quantities allocated to the States, provision was made in the Agreement for the River Murray Commission to vary the allocations during such periods, to give reduced supplies to each State.

The River Murray Commission is not a Constructing Authority, its responsibilities being to arrange for the construction of works by State Authorities such as the State Rivers and Water Supply Commission. The constructing Authorities in each State have been responsible for the design and construction of the works allotted to them, subject to the approval and direction of the River Murray Commission, and are responsible also for the continued maintenance of these works.

Until 1949, there had been only two amendments to the River Murray Agreement since it was first ratified in 1915. The first amendment, in 1923, was of a comparatively minor nature and provided that the construction of works for irrigation shall take precedence over the construction of works primarily for navigation, and that the share of the cost of construction to be borne by the Commonwealth, would be one-quarter of the actual total cost of all the works instead of a fixed amount of £1,000,000 as in the original agreement.

The second amendment to the Agreement was in 1934 when it was evident that, owing to almost complete disappearance of commercial shipping on the Murray, there was no justification in spending, at least at that stage of development, additional millions of pounds on providing navigation facilities.

The State themselves—New South Wales, Victoria, and South Australia—sought authority to expend the money that could be saved by eliminating unnecessary weirs and locks for navigation, on works specifically for irrigation, and the 1934 Agreement substituted the valuable Yarrawonga Weir on the Murray, the Maude and Redbank Weirs on the Murrumbidgee and the great River Murray barrages to exclude salt water from the Murray Mouth Lakes, for 22 weirs and locks upstream from Mildura on the Murray and Murrumbidgee which would have given very little irrigation benefit and which were originally intended solely for navigation.

This second amendment to the Agreement also provided that the Hume Reservoir should be constructed to 1,250,000 acre feet capacity with provision for further enlargement if desired, to 2,000,000 acre-feet capacity.

A third amendment to the Agreement was agreed to by the three States and the Commonwealth at a conference of Ministers on 18th October, 1948, and ratified early in 1949 by legislation which is to be proclaimed on the 1st July, 1949.

The major provisions of this last amendment to the Agreement were for the following purpose, namely :—

(*a*) to authorize the enlargement of the Hume Reservoir to a capacity of 2,000,000 acre-feet, and the increasing of the capacity of the inlet channel to Lake Victoria Storage on the lower Murray ;

(*b*) to clarify the position and simplify procedure in regard to the distribution of the Murray waters between the three States in periods of drought. The amendment to the Agreement provides that during a period of restriction the amounts of water which the States of New South Wales, Victoria and South Australia shall be entitled to use each month from the River Murray (exclusive of its tributaries below Albury) shall be in the following proportions :—

New South Wales	1,000,000 acre-feet
Victoria	1,000,000 acre-feet
South Australia	603,000 acre-feet

This provision does not alter the intention of the original Agreement in regard to the distribution of waters in a period of unusual drought but gives specific proportions and so avoids possibility of disagreement at a critical time as to the interpretation of the Agreement.

(*c*) the maintaining of a reserve of storage in the Hume Reservoir and in Lake Victoria, such that the minimum combined quantity shall be no less than a total of 750,000 acre-feet in these storages at any time except when such reserves are being used during periods of restriction, of which combined quantity an amount of 200,000 acre-feet shall be held in Lake Victoria ;

(*d*) to safeguard the Hume Reservoir Catchment from the effects of erosion, such protection to be carried out by the States of New South Wales and Victoria, each State to take effective measures to protect those portions of the Catchment which lie within their respective States ;

(*e*) to authorize the River Murray Commission to initiate investigations and surveys in respect to additional works and measures to enable a better conservation and regulation of the River Murray Waters to be achieved, and also to authorize the various Contracting Governments to carry out any such additional works as may be agreed upon.

" Act No. 5375.—An Act to amend the Water Acts."

The most important clauses of this Act provide for the abolition of Drainage Districts and for increasing the amount of contracts not requiring the sanction of the Governor in Council from £1,000 to £2,000 and extending from one year to three years, the period over which such contracts may be performed without sanction of the Governor in Council. Other clauses deal with rating, waterworks trusts, depreciation fund and free headworks, &c.

" Act No. 5377.—*Mildura Irrigation and Water Trusts (Financial) Act* 1949."

This Act transfers from the First Mildura Irrigation Trust to the State all existing liabilities in respect of loan advances made to the Trust to meet the cost of its irrigation works. An amount of £51,492 will be immediately transferred to the capital expenditure borne by the State Account under the provisions of this Act.

All future capital expenditure by the Trust will be borne by the State in accordance with the Government's decision to place the First Mildura Irrigation Trust on a similar basis to Irrigation Districts controlled by the Commission. The amount involved for approved works now in hand will be approximately £500,000 and this money will be provided under future Water Supply Loans Application Acts.

PARLIAMENTARY PUBLIC WORKS COMMITTEE.

Eildon Reservoir Enlargement.

Following on the recommendations of the Commission, the Government referred the Eildon Reservoir Enlargement Project to the Parliamentary Public Works Committee for inquiry and report on :—

(*a*) The necessity for increasing the capacity of the Eildon Reservoir on the Goulburn River, and the extent to which the capacity should be increased ;

(*b*) The most practical and economical method of increasing the capacity of the reservoir ;

(*c*) The most satisfactory method of carrying out the work.

On the 13th April, 1949, the Committee recommended to the Governor in Council—

1. That, to provide for the maximum development of the water resources of the Goulburn River, the Eildon Reservoir be enlarged to a capacity of 2,350,000 acre-feet for the regulation of river flows, for irrigation, stock and domestic supply where possible, and hydro-electric purposes, by the construction of an earth and rock-fill dam, approximately 250 feet in height immediately downstream from the present dam, at an estimated cost of £9,600,000.
2. That the construction of the proposed reservoir be completed without delay.
3. That, in view of the abnormal conditions prevailing at the present time in the matter of labour and materials, the State Rivers and Water Supply Commission make recommendations to the Government prior to and during the construction of the reservoir as to what, in the Commission's opinion, is the best method of carrying out the work.
4. That soil conservation practices and fire-prevention measures be adopted throughout the catchment of the proposed enlarged reservoir, so as to preserve the catchment and to avoid as far as possible the introduction of silt into the reservoir.

The Government approved of the recommendations of the Parliamentary Public Works Committee and preliminary planning for the construction of this great project is now being carried out by the Commission.

Eppalock Reservoir—Campaspe River.

As referred to in the last Annual Report the question of the enlargement of the Eppalock Weir was referred by the Government to the Parliamentary Public Works Committee to inquire and report on :—

(*a*) The desirability and practicability of increasing the capacity of the present Eppalock Reservoir on the Campaspe River ;

(*b*) the extent to which the capacity should be increased and the cost of providing for such increase ; and

(*c*) the purpose for which the waters which would be conserved in the enlarged reservoir should be used.

On the 11th May, 1949, the Committee recommended to the Governor in Council—

1. That the existing Eppalock Reservoir be enlarged to impound 200,000 acre-feet of water, the cost of which enlargement, as at 1st January, 1948, was estimated to be £1,600,000.
2. That the annual out-flow of water available (estimated by the State Rivers and Water Supply Commission to be 64,000 acre-feet) be used as follows :—
   (*a*) Intensive irrigation development by the State of lands contained in the Campaspe Irrigation District—gross area approximately 20,000 acres (see area coloured green on Plan No. 2).
   (*b*) Intensive irrigation by private diverters of an additional area of some 3,000 acres of land along the river between the reservoir and the Campaspe Weir (see areas coloured brown on Plan No. 2).
   (*c*) A stock and domestic supply to 120,000 acres of land in the Goornong-Elmore-Warragamba area (proposed Campaspe Waterworks District) (see area coloured yellow on Plan No. 2).
3. That extra capacity be provided in the main channel proposed to serve the Campaspe Irrigation District (west side) so that, if necessary, surplus flows from the Campaspe River could be run to the Waranga Western Channel, and that the Campaspe Weir be reconditioned.
4. That the out-flow of water from the reservoir be utilized for the generation of electricity.
5. That all lands in the Campaspe Irrigation District (except some of the small holdings on which the owner resides) be acquired by the State and re-subdivided for soldier and closer settlement by a land settlement authority in conjunction with the State Rivers and Water Supply Commission.
6. That such lands be immediately gazetted against sale.
7. That the owners of land which will be submerged and acquired by the State as a result of the enlargement of the Eppalock Weir be paid the market value of such land as at date of acquisition plus fair compensation for loss and damage to their properties and a further sum for the compulsory taking over of their land in the interests of the State.
8. That high priority be given to persons in the following categories who may apply for irrigation farms in the Campaspe Irrigation District :—
   (*a*) Soldier settlers in the Goornong-Elmore district ;
   (*b*) primary producers, whose farms will be submerged as a result of the enlargement of Eppalock ;
   (*c*) property holders residing in the Campaspe Irrigation District whose land will be subdivided for closer settlement.
9. That a comprehensive scheme of soil conservation be prepared and implemented immediately throughout the catchment serving the Eppalock Reservoir.
10. That research be carried out to ascertain the effect of soil conservation measures on the proportion of rainfall discharged as run-off to streams.
11. That caution be exercised in the granting of permits for diversion licences until the effect of soil conservation on run-off is determined.

The Government is at present giving consideration to these recommendations.

ENLARGEMENT OF HUME RESERVOIR—TALLANGATTA TOWNSHIP.

On the 13th August, 1948, the Government referred to the Parliamentary Public Works Committee for inquiry and report—

(*a*) The effect of the Hume Reservoir on the town of Tallangatta in the event of the capacity of the storage being increased to two million acre-feet ;
(*b*) whether the whole town should be transferred to another site, or whether it should as far as practicable be developed around its present location ;
(*c*) in the event of the latter, the nature and probable cost of the measures which should be taken to protect or transfer that portion of the town which would be affected by the raised water level of the reservoir ;
(*d*) the nature and cost of road and railway deviations ;
(*e*) what authority or authorities should be required to undertake the planning and construction of the various works involved, and what special legislation, if any, will be required to ensure proper planning and development of the town ;
(*f*) any other matters arising out of the above questions.

During the year officers of the Commission gave evidence to the Committee concerning this matter which is still under consideration.

RIVER MURRAY COMMISSION.

Meetings of the River Murray Commission held during the year were attended by Mr. L. R. East as Victorian representative on the Commission.

UTILIZATION OF THE WATERS OF THE SNOWY RIVER.

The Snowy River Committee which was set up following discussion at the Premiers' Conference at Canberra in August, 1947, to make recommendations in regard to the use of the Snowy River waters presented a Report in November, 1948.

In this report the Committee indicated that as a result of the comprehensive investigations which had been carried out, it was evident that because of the advantages of other schemes in respect of power and irrigation development, using the waters of the Snowy River in conjunction with the waters of other rivers in the Snowy Mountains area, neither the original Snowy-Murrumbidgee nor the Snowy-Murray proposals should be adopted but that there should be adopted a scheme for diversion of the Snowy River waters and their use in combination with the waters of the Upper Murrumbidgee, Tumut and Upper Murray Rivers and their tributaries.

The Committee recommended that this should be done, and at a Conference of Commonwealth and State Ministers at Canberra on the 14th February, 1949, this recommendation was approved and the Committee was authorized to continue its investigations with a view to presenting by the 30th June, 1949, a report on certain aspects of the proposal which had not been finalized in its earlier report.

The Committee completed these investigations and made recommendations which will be considered at a Conference of Commonwealth and State Ministers early in July, 1949.

The project which has been developed by the Snowy River Committee which comprised technical officers of the Commonwealth of Australia and the States of New South Wales and Victoria is one of very great magnitude and of the greatest importance to Australia in that it will provide for the production of hydro-electric power with a maximum firm capacity of 2,620,000 kilowatts and at the same time make available for irrigation inland, the whole of the flow of the Snowy River from the portion of the catchment above Jindabyne. At the same time the proposals recommended would provide for much more effective regulation for irrigation of the waters of the Tumut, the Upper Murrumbidgee and the Upper Murray Rivers.

The Victorian representatives on the Snowy River Committee were the Chairman of the State Rivers and Water Supply Commission, Mr. L. R. East, and the Chief Engineer of the State Electricity Commission, Mr. E. Bate.

SLUDGE ABATEMENT BOARD.

The Sludge Abatement Board which 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 watercourses and reservoirs or lands used for agricultural grazing or residential purposes by the discharge of water sludge or mining debris, continued operations.

This Board has exercised very effective control over dredging and mining operations and large quantities of gold have been recovered without detriment to the streams or marginal lands.

During the year the Commission's representative on the Board, the Chairman of the Commission, Mr. L. R. East, relinquished his position on the Board owing to pressure of other official duties and Mr. H. G. Strom, Divisional Engineer for Rivers and Streams has been appointed in his stead.

REGIONAL PLANNING.

The Deputy Chairman, Mr. H. W. McCay has attended further meetings of the Central Planning Authority during the year, and also Conferences of the Special Committee set up by the Government to co-ordinate the development of the Town of Morwell and District, associated with the expansion of the brown coal industry by the State Electricity Commission in that area.

During the year the Commission has supplied detailed information on the Water Resources and Utilization in respect of various regions in Victoria to enable compilation of reports by the Central Planning Authority to be effected.

ADMINISTRATION.

Deaths and Retirements.

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

Mr. E. J. Bennett, Assistant Surveyor ; Mr. A. E. W. Kennedy, Draughtsman ; and Mr. M. Hoban, Water Bailiff.

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. P. Kendall, Divisional Engineer ; Mr. J. J. McDougall, Chief Stores Officer ; Mr. B. L. Tonkin, District Officer ; Messrs. D. A. Buchanan, J. G. Carpenter, W. F. T. Murcott and R. L. H. Pilley, Clerks ; Mr. J. A. Thomas, Overseer ; Water Bailiffs C. Davis, W. L. Deveraux, E. W. McCurdy, T. Partington, G. W. S. Steen and R. C. White.

Promotions.

Among the senior officers who were promoted during the year were :—

Messrs. E. D. Shaw, M.C.E., E.W.S., M.S.E., M.Inst.C.E., M.I.E. (Aust.), to Chief Engineer, Eildon Dam, Class "A1" ; C. L. Sanders, L.S., E.W.S., M.S.E., A.M. Inst.C.E., to Chief Constructional Engineer, Class "A1" ; F. A. Nevill, E.W.S. M.S.E., M.I.E. (Aust.), to Senior Executive Engineer, Classes "A" and "A1" ; N. M. Worner, B.C.E., E.W.S., to Executive Engineer, Grade I., Class "A" ; B. W. Rombach-Scharp, B.C.E., E.W.S., A.M.I.E. (Aust.), to Executive Engineer, Grade II., Class "A" ; H. E. Harding, E.W.S., B.Sc. (Calif.), to Divisional Engineer, Class "A" ; L. J. Falconer, A.F.I.A., A.C.A.A., to Chief Stores Officer, Class "A".

Resignations.

During the year 115 officers and employees resigned from the Commission's service, of whom 12 were engineers and surveyors, 21 were draughtsman or draughtswomen, 24 were clerks, 23 were typists, 9 were bailiffs, and 16 other officers and employees. Included in the resignations were Messrs. V. B. Boyle, Mechancial Engineer, M. A. Condon, B.Sc., Geologist, and E. R. H. Darwin, M.Sc., L.S., M.S.E., Assistant Hydrographic Engineer.

Staff.

For the purposes of comparison a statement showing the number of officers on the Commission's staff in the years 1926, 1936, and 1949 is set out.

—	1926.			1936.			1949.		
	Permanent.	Temporary.	Total.	Permanent.	Temporary.	Total.	Permanent.	Temporary.	Total.
Professional Officers ..	148	10	158	120	3	123	258	97	355
Clerical Officers ..	113	8	121	72	9	81	135	112	247
General	240	51	291	175	21	196	322	266	588
Totals ..	501	69	570	367	33	400	715	475	1,190
Percentage Employees on Temporary basis ..	12 per cent.			8 per cent.			40 per cent.		

IRRIGATION, PRODUCTION AND DEVELOPMENT, SEASON 1948–49.

1948–49 commenced with a comparatively dry winter, but general rain developed in September and the summer was generally cool. Heavy rains of the monsoonal type in late February and early March caused considerable losses to grapes and other fruit through fungus diseases, and the season ended as it had begun with comparatively fine weather, and the irrigation season which commenced in August, was extended into May.

The effect of this variable season on the supply of irrigation water was to cause a heavy demand at the beginning and the end of the season with an intermittent one between.

The area irrigated in the State broke the record being 722,968 acres, or 14,378 acres in excess of the record set up in 1946–47. As shown by the graph in last year's report, this may be compared with approximately 510,000 acres ten years ago, 480,000 acres twenty years ago, 280,000 acres thirty years ago, and 180,000 acres 40 years ago. A comparison with the previous record 1946–47 shows that the areas of improved pasture are continuing to increase, whilst those of annual crops such as cereals and sorghums and of native pastures are on the decrease. It is considered that this change is for the better as it adds stability to production and provides generally a more productive use for the water available. The general shortage of water in relation to the demands makes it imperative that the water available be used to the greatest advantage.

Production.

Owing to the delay experienced in collecting and collating the necessary statistics it is not possible, at the date of preparation of this report, to give an accurate estimate of the value of production from irrigation areas for the year just ended. Generally speaking, it was a good season for the growth of pastures and lucerne and returns from livestock industries should therefore be above average. On the other hand, as mentioned above, fungus diseases on grapes and fruit trees were stimulated by the warm moist conditions in February and heavy losses were experienced.

Citrus production on the other hand was particularly heavy and yields were well above production for a number of years. Prices of irrigation products generally were higher than the previous year although the large crop of citrus led to some reduction in prices.

Production figures unavailable at the time of preparation of the 1947–48 Report have now been obtained for that season from the Government Statist and other sources and show that the value of irrigation production in the State has continued to rise since the first detailed estimate of £11,351,000 was made in 1944–45.

The 1947–48 figure of £17,000,000 is made up as follows :—

	£	£
Livestock—		
Dairying	4,500,000	
Beef	350,000	
Pigmeats	450,000	
Lamb, mutton and wool	3,200,000	
Poultry and eggs	1,000,000	
		9,500,000
Horticulture—		
Dried vine fruits	3,200,000	
Table and wine grapes	160,000	
Canning fruits	850,000	
Fresh and jam fruits	720,000	
Citrus	620,000	
		5,550,000
Vegetables, including tomatoes		1,200,000
Other Primary Products—Cereals, seeds, hay, &c.		750,000
		17,000,000

Competitions.

The competition for the Hanslow Cup was, as in previous years, conducted by this Commission in conjunction with the Soil Conservation Board.

This cup was originally donated in 1940 by Mr. Harold Hanslow, then a member of this Commission, for perpetual competition among farmers who are attempting to control soil drift in the Mallee areas. The competition is divided into sections according to the localities of competitors.

The best of all entries is adjudged champion and is awarded the Hanslow Cup, to be held for one year, together with a cash prize, whilst section winners are awarded cash prizes. Dependent upon the number of entries received cash prizes are also awarded to minor placegetters.

The money for cash prizes is provided from donations made by a number of firms interested in primary production.

This year's competition attracted thirty-seven entrants representing almost seventy thousand acres, the championship being won by Messrs. A. Schack and Son, of Gama.

A competition for the "Most Efficient Use and Control of Water" in the Murray Valley Irrigation District resulted in Mr. R. Cornish gaining the first prize of 15 acre feet of water.

Soil Surveys and Investigations.

Soil Surveys, in conjunction with the Department of Agriculture, were carried out in the Boort and Robinvale Districts and at Boundary Bend on the River Murray.

In addition to these surveys an investigation was commenced of all lands likely to be commanded as a result of the increased supplies of water to become available to the Goulburn System consequent upon the construction of the new Eildon Reservoir.

The soil survey of the Murray Valley Irrigation District, which had been discontinued when the Soldier Settlement Area had been completed, has been recommenced by the C.S.I.R.O. and the Department of Agriculture.

Research and Investigation in Irrigated Agriculture.

Joint investigational committees, comprised of representatives of the Commission, the Department of Agriculture, the C.S.I.R.O. and local irrigators, established in the Nyah-Worrinen, Tyntynder and Cohuna Districts, continued their investigations into local problems.

During the year the Commonwealth Bureau of Agriculture and Economics carried out a survey of dairying in the Tongala-Stanhope District for the Irrigation Production Advisory Committee but the final report is not yet available.

Eleven State Schools situated in irrigation districts availed themselves of the Commission's offer of free water for the establishment of experimental plots.

District Advisory Boards.

Advisory Boards, in all irrigation districts and in the Cardinia and Carrum drainage districts, continued to operate successfully and thus to provide a very valuable means of co-operation between the irrigators and the Commission.

On 21st and 22nd July, 1948, a conference of all Northern Advisory Boards, 21 in number, was held at Bendigo. This conference carried a number of resolutions that will be of considerable assistance to the Commission in the distribution of water for irrigation purposes.

Standard Herd Test.

It was noted with pleasure that a herd owned by an irrigation farmer, Mr. J. Stedman, of Appin, carried off this year's championship in the Standard Herd Test conducted by the Department of Agriculture.

In its three years in the Standard Herd Test, this herd has annexed two herd championships and one reserve championship, a performance without precedent in the history of the test. This year with 22 cows, the herd registered the excellent average of 536·8 lb. actual butter-fat which was raised to 596·7 lb. when allowances were made for junior animals.

Irrigation Production Advisory Committee.

The above Committee, comprising representatives of the Commonwealth and all mainland States, the Chairman of this Commission being the Victorian representative, held one meeting during the year at which problems of mutual interest in respect of irrigation development were discussed.

NEW DISTRICTS.

Extensions and Excisions.

The Central Gippsland Irrigation and Water Supply District comprising approximately 60,000 acres which will be supplied from the Glenmaggie Weir was constituted on the 13th December, 1948.

The West Loddon Waterworks District was extended to include an area of 5,170 acres supplied by an extension of the Commission's works.

An area of 71,700 acres of mountainous country was excised from the Western Wimmera Waterworks District.

New Urban Districts.

The township of Macorna within the Tragowel Plains Irrigation District and the township of Robinvale within the Robinvale Irrigation District were proclaimed Urban Divisions.

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 15,336,200 acres.

Owing to a general demand for irrigation supplies in August, water was made available from surplus flows which were then occurring in the Goulburn and Loddon Rivers. The volumes of water delivered to irrigators by utilization of this surplus flow amounted to 17,812 acre-feet and was supplied to irrigators over and above their allotments of Water Rights and Sales Quotas.

At the commencement of the official irrigation season on 1st September, 1948, the total volume of water in the Commissions' main storages, including Victoria'a half share of Hume Reservoir and Yarrawonga Weir was 1,878,982 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 actual quantity of water delivered to lands in the Districts of the Goulburn System was 368,733 acre-feet, and in Torrumbarry System 197,612 acre-feet. A total of 691,799 acre-feet of water including 64,991 acre-feet by pumping for Red Cliffs, Merbein, Robinvale and Nyah districts was delivered from the Commission's channels to landholders in irrigation districts. In addition, a volume of 35,650 acre-feet was supplied to lands outside the boundaries of the Commission's districts, making a total delivery for irrigation of 727,449 acre-feet. (See Appendix A).

The volume of water released from Waranga Reservoir amounted to 686,111 acre-feet. Of this quantity, 267,695 acre-feet was delivered to irrigators, and 12,220 acre-feet passed on at Loddon Weir to the Wimmera–Mallee Waterworks Districts, indicating that about 40·7 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 251,322 acre-feet; of this quantity, 102,294 acre-feet or 40·7 per cent was delivered to irrigators.

Thus, of the total volume of water, 937,433 acre-feet drawn from the headworks of the Goulburn System, the Commission delivered 369,989 acre-feet which, with the volume of 12,220 acre-feet passed to Mallee, equals 40·7 per cent.

Returns of water delivered to individual irrigation districts for irrigation and other purposes during 1948–49, and other Waterworks Districts for year under review, are included in the Appendices to this report.

The Commission's main water storages with a total capacity of 1,969,970 acre-feet contained 1,703,845 acre-feet of water on the 1st July, 1948, and at the termination of the irrigation season on 15th May, 1949, the volume remaining in all storages amounted to 1,167,610 acre-feet which increased to 1,240,610 acre-feet by 30th June, 1949.

PRIVATE WATER USERS.

Diversion of Water.

The control of the use of the water in rivers, creeks, streams and watercourses, lakes, lagoons, swamps, and marshes, was strictly exercised by the Commission.

Licences and Permits in force at 30th June, 1949, comprised 358 Diversion Licences for periods up to 15 years authorizing the irrigation of 21,185 acres, and 2,726 annual and special permits for the irrigation of 38,287 acres, making a total of 3,084 licences and permits issued under Section 188 of the Water Acts, compared with 2,728 for the previous year. Details of the types of crops authorized to be irrigated under the licences and permits in operation during the year are set out in the following table :—

Season 1948–1949.

—	Domestic and Stock.	Industrial.	Vineyard.		Orchards.	Market Garden.	Tobacco.	Miscellaneous.	Totals.
			Dried Fruit.	Table and Spirit.					
Licences—									
Number in force	..	4	29			325		..	358
Area authorized to be irrigated (acres)	..	..	490	1,317	1,725	275	17	17,361	21,185
Permits—									
Number in force	1,101	118	17	5	99	339	37	1,010	2,726
Area authorized to be irrigated (acres)	..	..	684	339	2,216	2,337	393	32,318	38,287
Total area authorized to be irrigated (acres)	..	..	1,174	1,656	3,941	2,612	410	49,679	59,472

Twenty-eight additional applications were lodged during the year under review for diversion licences for irrigation purposes, making a total of 490 received to 30th June, 1949, and during the year 31 licences were granted. No licences are in force for irrigation purposes other than from the River Murray System.

Advisory Committees.

During the year under review two additional Advisory Committees were constituted, one for Torgannah Lagoon and the other for Lower Moorabool River, making a total of 16 Committees. These Committees, some of which have been operating since 1943, again proved of considerable assistance to the Commission in having the best use made of the limited natural flows of the streams concerned.

The total area authorized to be watered from streams supervised by Committees amounted to 9,550 acres of which 1925 acres were supplied during a stated limited period from freshet flows.

A statement is attached of private diversions from streams on which local Advisory Committees operated during year 1948–49.

UTILIZATION OF WATER SUPPLIED UNDER PERMITS AND LICENCES.

Details are given in the following schedules of areas and types of crops actually irrigated by private diverters under annual permits and licences :—

OTHER THAN TORRUMBARRY SYSTEM, YEAR ENDED 30TH JUNE, 1949.

Number of permits	2,726
Number of licences	87
Number of diverters	2,813

Type of Crop Irrigated.	Area.	Percentage of Total.
	Acres.	
*Pastures (for details see below)	19,505	44·57
Cereals	5,753	13·19
Lucerne	5,983	13·67
Market Garden	2,621	5·99
Vines	2,425	5·54
Orchard	1,626	3·70
Citrus	1,810	4·10
Fallow	1,728	3·94
Sorghums and Annual Crops	378	0·86
Tobacco	393	0·89
†Miscellaneous (for details see below)	1,534	3·55
Total	43,756	100·00

* PASTURES :

	Area. Acres.	Percentage of Total.
Perennial Sown	12,305	63·08
Annual Sown	4,499	23·06
Native	2,701	13·86
Total	19,505	100·00

† MISCELLANEOUS :

	Area. Acres.
Hops	131
Beans	22
Nursery Flowers	17
Potatoes for Seed	28
Flax	410
Onions	36
Berry Fruits	6
Recreation Reserves	121
Ornamental Garden Shrubs	53
Unspecified	710
Total	1,534

Torrumbarry System.

Area authorized under Licences, 14,891 acres. Additional areas irrigated under sales conditions by holders of Licences, 7,878 acres.

Types of crops irrigated are as follows:—

Type of Crop Irrigated.	Area.	Percentage of Total.
	Acres.	
*Pastures (for details see below)	15,450	67·85
Cereals	1,971	8·65
Lucerne	3,232	14·23
Market Garden	24	0·10
Vines	473	2·07
Orchard	24	0·10
Citrus	533	2·34
Fallow	503	2·20
Sorghums and Annual Crops	381	1·67
Tobacco	17	0·07
Miscellaneous	161	0·72
Total	22,769	100·00

*Pastures:	Area, Acres.	Percentage of Total.
Perennial Sown	6,115	39·59
Annual Sown	3,592	23·24
Native	5,743	37·17
	15,450	100·00

Goulburn Division.

The Goulburn Division comprises an area of approximately 1,000,000 acres, three-quarters of which forms the eastern part of the Goulburn Irrigation System, and the balance of 270,000 acres is within the new Murray Valley Irrigation District, which is supplied with water from the Murray by diversion at the Yarrawonga Weir.

Field operation and maintenance of the Division is controlled by District Engineers 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 1948–49 season might be classed as an average year so far as irrigation practice is concerned. Demand for water remained fairly steady until a major break in the weather occurred early in March of this year, and no difficulty was experienced in meeting all normal demands by irrigators.

The chief industries throughout the Division are dairying and fat lamb raising, but the production of fruit for canning is of major importance in the Shepparton Irrigation District and in portions of Rodney, Tongala and Rochester Districts. A considerable area is devoted to production of vegetables and tomatoes in the Shepparton District.

The shortage of material and labour for the maintenance of District works has continued to be one of the major problems in maintaining District Works in an efficient condition. The supply of labour is improving, but cement and reinforcing steel for concrete works, and wire for fencing, are almost unobtainable. Earth works are, therefore, being carried out where required, but on new drainage works the completion of the programme of construction is held up pending availability of cement and steel.

The use of mechanical excavators in cleaning of irrigation channels and drains and in the construction of new drainage channels has been continued with good results. The cost per yard of excavation of drainage channels in the Rodney District by mechanical means is considerably less than that involved in any other method of construction.

Shepparton.

Various works for the maintaining and improvement of water supply works in the Shepparton Centre were carried out during the year.

The Broken River works at Casey's Weir and Gowangardi Weir have received attention. The outlet channel from the former structure has been cleaned to facilitate diversion of water to the Tungamah Waterworks Trust and a breach in the main wall of the latter weir, some 26 feet in length by 5 feet in depth, was repaired in addition to works for control of erosion below the structure.

Tatura.

Water Rights totalling 60,826 acre-feet have been apportioned within the area of 272,615 acres within District boundaries, and last year a total of 91,557 acre-feet of water were delivered to irrigators. Necessary supplies totalling some 900 acre-feet were provided for factories and Urban Water Trusts.

Surveys for further extensions of the Rodney Main Drain have been carried out over a distance of five miles, and plans are now being prepared for construction of these works. This will provide efficient drainage for the main "mosquito swamp" depression some three miles east of Merrigum.

Tongala.

The past irrigation season was the second heaviest in the history of the Tongala Centre, but deliveries of water to irrigators were maintained satisfactorily throughout the season. Two periods of peak demands were experienced, one extending for 32 days, from 23rd November to 24th December, 1948, and the second period from 7th January, 1949, to 12th February, 1949 (37 days).

A factory for the processing of milk products is in course of erection in Tongala and it is anticipated that this will further stimulate the already flourishing dairying industry in the District, which is now served by butter factories at Echuca, Tongala, Stanhope and Rushworth in addition to cheese factories at Tongala, Girgarre and Stanhope.

Rochester.

The total deliveries of water for irrigation purposes last year amounted to 74,358 acre-feet, an average depth of approximately 16 inches per acre irrigated, and were approximately 14,000 acre-feet more than in the previous year, but the demand for water was spread more evenly over a longer period and no difficulty was experienced in meeting all demands on time.

The efficiency of the drainage system was amply demonstrated by the rapidity with which run-off following heavy autumn rains was carried away without damage to the irrigation area.

Cobram.

The Murray Valley Irrigation District comprises an area of 269,334 acres, of which 135,190 acres have been fully reticulated and supplied with water. This area includes 31,000 acres of land subdivided and allotted for settlement of discharged soldiers.

Special attention has been given to control of leakage from certain sections of the channel system where 40 chains of trenching with a back-ditching excavator was carried out, the trench was back-filled with clay slurry and the banks finally restored to section with a bull-dozer. This method of treatment has proved most effective and further works of this nature will be carried out prior to the 1949–50 irrigation season.

The development of irrigation within this new District is proceeding on right lines. Thorough preparation of land prior to sowing of permanent crops is being rigidly observed by land holders, and the District gives every prospect of developing into a very highly productive irrigation area.

Loddon Division.

The dry weather conditions which prevailed throughout the winter of 1948 led to an early demand for water in all districts and supply was made available under sales conditions for a two weeks period prior to the commencement of the watering season on the 1st September, 1948.

This demand remained firm until early in October when watering requirements were reduced on account of a well distributed rainfall. Delivery throughout all districts then reverted to a normal summer demand which remained firm until the end of February when all districts temporarily closed down watering following an exceptionally heavy rainfall lasting for a period of up to two weeks. However, following a prolonged dry spell during the month of April the demand for water became very firm towards the end of the watering season, and water was made available under sales conditions until the 14th of April to meet the unseasonal requirement.

The rainfall which occurred at the end of February registered in some localities up to 475 points in 24 hours with a general average of 7 inches for the two weeks period. This rainfall was exceptional for the area and all drainage systems were heavily taxed to relieve the flooded conditions. In numerous areas without full drainage benefits, the flood waters were removed by pumping into the supply channels, but in many localities the surplus water could not be removed and remained visible until late in the

season. This experience has convinced many irrigators of the necessity for efficient drainage in conjunction with an intensive irrigation supply and applications for the extension of drainage benefits have been received from many landholders not served by a drainage system. Proposals for the provision of drainage facilities in the Gannawarra, Koroop, Benjeroop and Rowlands areas are now in course of investigation.

Swan Hill.

In the Swan Hill district the volume of water supplied prior to the commencement of the season amounted to 1,580 acre-feet, while a total of 24,090 acre-feet of water was supplied under water rights and 10,403 acre feet under sales conditions during the watering season. All requirements were met in the Fish Point district with the delivery of 2,006 acre-feet of water. In the Tresco district six general irrigations were provided during the season when a total of 4,161 acre-feet of water was pumped from Lake Boga. Water delivered to irrigators on Pental Island amounted to 6,135 acre-feet.

Altogether a total of 19 miles of Commission's channels and drains were reconditioned by dragline excavators during the year while 3 miles of internal channels were completed on " Carrolls Estate " for the Soldier Settlement Commission.

The dried fruit crops at Woorinen and Tresco suffered damage by late summer rains and the production figures were below those for the previous year. Altogether the Woorinen Fruitgrowers Co-operative Coy. handled 1,630 tons of sultanas, 103 tons of currants, 245 tons of lexias and 5 tons of prunes. However, a considerable tonnage was disposed of for wine making and to distilleries.

The Swan Hill Butter Factory increased its output by 51 tons to 756 tons for the year.

Kerang.

As a result of the dry winter and unseasonal rains the watering difficulties were accentuated in the districts controlled from the Kerang Centre. The demand for water was very keen in the early spring but following good rains the summer demand was below normal until about the first week in April, when an exceptional demand was experienced in all districts. At this stage the volume of water rights undelivered averaged approximately 33 per cent. of the total and as all irrigators endeavoured to use this outstanding water right before the end of the season the district supply systems were heavily taxed in an endeavour to meet the extraordinary demand.

Weed growth in channels and drains required continuous attention but the " Broad Arrow " cutters which have considerably increased the channel mileage that can be treated in any one year enabled channels and drains to be maintained at their normal carrying capacity.

The recently constructed Murrabit drainage system was tested to its full capacity following the exceptional rainfall at the end of February and early March. Most of the area was cleared of surplus water in two days and the whole area within eight days of the cessation of rain. It is estimated that upwards of 1,500 acre-feet of surplus water was drained off by the system in this eight-day period.

Cohuna.

Water supply to the district was generally satisfactory and a total of 76,712 acre-feet of water was supplied to users throughout the year.

Many applications were received from irrigators to hire drag-line excavators for improving private channels, but on account of the volume of district work awaiting completion the amount of private work carried out was not extensive.

Between irrigation seasons the Cohuna Weir on the Gunbower Creek was strengthened by placing stays to all unsupported piles and it is estimated that the life of this structure has been considerably extended.

Pyramid.

The volume of water delivered to irrigators within districts controlled from the Pyramid Centre totalled 70,059 acre-feet, this compares with the total of 51,751 acre-feet delivered during the previous season. The area under irrigation was 64,423 acres. Tragowel Plains district shows an increase in the acreage under cereals and sorghums and the combined area represents 25 per cent. of the total area under irrigation culture in that district for the season.

Two pasture competitions were held during the year, the prizes being 8 acre-feet of water donated by the Water Commission. The annual pasture competition in the Tragowel Plains district attracted seven entries and was won by Mr. A. J. Broad. There were eight entries for the permanent pasture competition held in the Dingee and Calivil districts and Mr. McG. Bayliss was again successful.

Boort.

The total volume of water delivered to the land through channels in the Boort district was 20,929 acre-feet. This is the highest total to date and compares with the previous best during 1940–41 season when 20,412 acre-feet of water were delivered.

In the West Loddon and Normanville Waterworks districts, 635 farm storages were filled during the watering season.

During the past few years there has been an increasing demand from " dry " areas along the Waranga Western Channel for a supply to water crop fallow in the spring. This water when available is from surplus flow in the Loddon River and, costing 3s. 6d. per acre watered, can in a normal year increase the yield of cereal crops by from four to five bags per acre and in a dry season often means the difference between success or failure of the crop. Approximately 4,000 acres was irrigated in this manner during the past season.

Work on structures for the North Boort Connecting channel was continued and this channel will be in full operation during the next irrigation season.

The operation of this channel will materially increase the efficiency of the district and enable an adequate service to be available to irrigators in the south western portions.

Gredgwin Domestic and Stock System.

On the 10th September, 1948, the Acting Minister of Water Supply, the Honorable P. T. Byrnes, M.L.C., performed the Official Opening Ceremony in connexion with the new Gredgwin high lift system.

This system, supplied by pump from the Normanville channel, then gravitates through 38 miles of channels to provide domestic and stock requirements to some 60 square miles of elevated country not previously served in the Parishes of Gredgwin, Quambatook and Meering West. During the watering season, 106 farm storages were filled. This area will be included in the Normanville Waterworks District as from 1st July, 1949.

GIPPSLAND AND SOUTHERN DIVISION.

Bacchus Marsh.

The storage position at Pykes Creek reservoir was very satisfactory throughout the year. Starting with a carryover, from the previous year, equal to 72 per cent. of capacity, all district requirements were met and autumn rains have again filled the reservoir.

The total quantity of water delivered amounted to 144 per cent. of allotted water rights and aided by the concrete lined channels a district efficiency of 86·7 per cent was obtained.

The urban area and services were extended to the 41 new dwellings of Housing Commission's estate.

Werribee.

Water was available to meet all demands by irrigators, who had a most successful irrigation season. Deliveries were in excess of 20 per cent. above allotted water rights and owing to an early autumn break, the Werribee River discharge has maintained a full reservoir from 9th March to the end of the year under review.

Distribution and control of water has been improved by the use of auto cycles for water bailiffs transport, and their operation through the second year has confirmed their value in this District.

Diamond drilling was undertaken on the Werribee River at the site of a proposed dam at Cobbledick's Ford to provide further information regarding foundations for this structure.

Maffra-Sale.

Deliveries of water for all purposes amounted to 24,518 acre-feet equivalent to 107 per cent. of allotted water rights. Heavy rains in early summer and in the autumn lessened the demand for irrigation supplies, but the early break in the weather coupled with the watering already completed produced the best autumn season in memory.

At Glenmaggie Reservoir water was below the spillway crest from 1st December, 1948, to 24th June, 1949, its lowest level being 8 feet under F.S.L. with 78,000 acre-feet in store on 23rd February, 1949. Flooding occurred in November and early June, on the latter date the discharge over the spillway reached 6,780 c.f.s., the heaviest for five years.

During the non-irrigation period, work was continued on the remodelling of the channel system for Tinamba and Riverslea, excavators completing three-fourths of the enlargement of main channels.

Construction of the Tinamba Loop Channel was commenced, with contractors horse teams completing $1\frac{1}{2}$ miles of earthworks. A further length of $1\frac{1}{4}$ miles was excavated with a dragline excavator.

A re-valuation of all lands in the district was completed during the year and showed an increase of approximately 40 per cent. over the previous valuation carried out in 1938.

The proportion of rates and charges collected was again almost 100 per cent. and is an indication of the very successful season experienced by irrigators.

Considerable progress has been made with the planning for the extension of irrigation to lands adjacent to the existing district. Plans of the contour and soil surveys made in 1946–47 are nearing completion and have advanced sufficiently to be used for the location of the channel reticulation and for the classification of soil suitability to determine water right allocation. Over thirty miles of channels have been located for the service of this area of approximately 26,000 acres.

Central Gippsland.

This new Irrigation District was constituted during the year and comprises the 45,000 acres in Nanbrok Denison and 9,000 acres between Heyfield and Tinamba. Progress made with the planning and construction of supply works for this area is referred to elsewhere.

Wimmera-Mallee Division.

Irrigation Districts.

Nyah.

During the year six regular irrigations were provided, and in addition two special irrigations were carried out, one for a domestic and stock watering from 11th to 12th August, and the other a special frost watering from 29th September to 2nd October.

For the third successive year this district has suffered a severe set back so far as production is concerned. On this occasion heavy rain accompanied by very humid conditions during the harvest season caused severe loss of fruit.

All packing sheds report a severe drop in production and the total yield for the district amounted to only 1,333 tons compared with 2,357 tons in 1948, 1,733 tons in 1947, and 2,392 tons in 1946.

The highest yield in recent years was 3,352 tons in 1944.

Particulars of the six irrigations given during 1948–49 are :—

Irrigation Number.	Period.	Acre Feet Pumped.	Equivalent Average Depth per Watering.
			Inches.
1	25th August, 1948, to 17th September, 1948	2,271	8·8
*2	27th October, 1948, to 31st October, 1948	1,457	6·0
	4th November, 1948, to 16th November, 1948		
3	1st December, 1948, to 23rd December, 1948	2,060	8·4
4	31st December, 1948, to 18th January, 1949	1,729	7·0
5	26th January, 1949, to 15th February, 1949	1,817	7·1
6	13th April, 1949, to 25th April, 1949	1,009	7·1
	Total, Season 1948–49	10,343	7·4
	* Irrigation interrupted owing to rain		

Figures do not include special domestic and stock irrigation 11th to 12th August, 1948 = 113 acre-feet and special frost watering 29th September, to 2nd October, 1948 = 273 acre-feet.

Red Cliffs and Merbein.

Irrigation commenced in August in both Red Cliffs and Merbein Districts.

In addition, special frost runs were given at Red Cliffs from the 20th to 23rd September, 30th September to 7th October, and in Merbein, from 22nd to 23rd September, and 4th to 10th October.

A special pre-harvest run through was also given in Red Cliffs and Merbein Districts from the 1st to the 5th February, 1949.

Water was made available for six irrigations in both districts.

The production of dried fruits in these two districts amounted to 41,023 tons compared with 49,916 tons produced in 1947–48.

Particulars of the six irrigations given during 1948–49 are :—

Irrigation Number.	Period.	Acre Feet Pumped.	Equivalent Average Depth per Watering.
	RED CLIFFS IRRIGATION DISTRICT.		Inches.
1	20th August, 1948, to 20th September, 1948	9,467	10·2
2	28th October, 1948, to 24th November, 1948	6,165·6	7·4
3	1st December, 1948, to 29th December, 1948	7,900·4	8·5
4	5th January, 1949, to 1st February, 1949	7,738·9	8·2
5	28th March, 1949, to 21st April, 1949	6,380·4	8·8
6	9th May, 1949, to 19th May, 1949	2,257·7	5·7
	Total, Season 1948–49	39,910·0	8·1

Figures do not include frost run through 20th to 23rd September, 1948 = 292 acres = 243 acre-feet, special frost watering 30th September, to 7th October, 1948 = 1,306 acres = 1,086 acre-feet, special pre harvest run through from 1st to 5th February, 1949 = 1,811 acres = 1,237 acre-feet.

Irrigation Number.	Period.	Acre Feet Pumped.	Equivalent Average Depth per Watering.
	MERBEIN IRRIGATION DISTRICT.		Inches.
1	22nd August, 1948, to 22nd September, 1948	6,685·2	10·0
2	2nd November, 1948, to 29th November, 1948	5,770·4	8·6
3	6th December, 1948, to 29th December, 1948	5,763·7	8·6
4	10th January, 1949, to 1st February, 1949	5,704·6	8·5
5	28th March, 1949, to 18th April, 1949	4,756·3	8·9
6	9th May, 1949, to 19th May, 1949	2,287·7	5·9
	Total, Season 1948–49	30,967·9	8·4

Figures do not include frost run through 22nd to 23rd September, 1948 = 12½ acres = 104 acre-feet, special frost watering 4th to 10th October, 1948 = 839 acres = 819 acre-feet.

Special pre harvest run through 1st to 5th February, 1949 = 1,413 acres = 1,001 acre-feet.

DRAINAGE.

The Nyah Sub-Surface Drainage system was further advanced during the year when some 2 miles 40½ chains of drains were constructed, making a completed total of 17 miles 55½ chains.

This now completes all systems except laterial 13 and branches, which are now under construction.

The internal drainage of blocks by settlers is proceeding, and an improvement in the condition of the vines can be observed where drainage has been completed.

Robinvale.

The Robinvale Soldier Settlement has developed during the year from a few small areas of planting to a consolidated irrigation area.

The vines planted in 1947 have shown rapid growth and those planted in 1948 are well advanced.

There are now 796 acres planted to vines and 90 acres to citrus and other trees.

Houses and sheds have been erected by the Soldier Settlement Commission and many settlers have taken up residence with their wives and families.

Fifty-nine blocks were allotted up to the end of June, 55 of these having been planted to vines. An additional fourteen will be taken up early in the coming year and will be planted during the first watering.

All necessary developmental work such as the placing of pipes, construction of the main channel, railway crossings, outlet boxes and the installation of the second stage of the pumping plant has progressed very satisfactorily.

During the year the following works were completed :—

(*a*) Construction of a reinforced concrete base flume 4 feet wide carrying 3 ft. 6 in. of water was completed. This extended from the outlet of the rising main for 43 chains.

(*b*) Eight chains of concrete lined channel 6 foot bed, $1\frac{1}{2}$ to 1 side slopes carrying 3 ft. 6 in. of water.

(*c*) 58,400 feet of concrete rubber jointed pipe was laid, varying in diameter from 9 inches to 33 inches with junction and outlet boxes, and outlet valves were also installed.

(*d*) Railway crossing of 48-inch diameter casing pipe and 24-inch diameter internal pipe connecting the east side of the settlement to the western development.

The introduction of " New Australian " labour helped to maintain a steady output of work.

Waterworks Districts.

The largest water supply system under the control of the Wimmera-Mallee Division receives a water supply for domestic and stock purposes by means of a channel system supplied from storages filled from the Grampians and Pyrenees Catchments.

Water flows by gravitation through a channel network of over 6,000 miles to fill farmers tanks once each year in the winter months.

The area thus served amounts to nearly 7,000,000 acres.

This system is supplemented by flows of the Loddon River and at times from the Waranga Basin.

Two smaller systems namely, Millewa and Coreena Districts are supplied from the Murray River, while between Underbool and the Victorian border a large area is supplied by sub-artesian bores.

During the year all these systems worked efficiently and supplied farmers with adequate supplies of water for domestic and stock purposes.

Walpeup West.

When this area was made available for settlement some 35 years ago, over 100 Public Bores were sunk to supply water for settlers and travelling stock.

Most farms in the area now obtain their domestic and stock supplies from private bores on their own farms.

Owing to the increasing number of private bores it has been found that the number of public bores to be maintained can be considerably reduced, and this is now being done.

The Commission is at present carrying out the overhaul of all public bores in this area.

Millewa.

Supplied from the River Murray.

The annual run of water for domestic and stock supplies to farmers in the Millewa District was carried out during the year—the whole of the district receiving its usual supply.

The re-subdivision of this area under the North West Mallee Settlement Areas Act is now under consideration. The plan that has been adopted will give settlers much larger areas and this will enable the channel system to be re-organized on more economical lines.

Coreena.

Supplied from the River Murray.

The Coreena District now receives its supply of water for domestic and stock purposes by means of the new pumping plant at Robinvale.

The watering this year took place just prior to the first irrigation of blocks at Robinvale and was therefore some five months earlier than in previous years.

Wychitella.

The Wychitella Waterworks Districts works are now complete and the district was rated for the first time.

The success of the project can be gauged from the fact that 99 per cent. of rates were collected in the first year.

PUMPING STATIONS.

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

In addition (in the Central and Western gravitational supply areas) there are several smaller plants for pumping water for domestic and stock supplies to lands above normal gravitational levels and for town supplies in various parts of the State.

The operation of these plants has been quite satisfactory throughout the year. A considerable amount of deferred maintenance however, remains to be carried out, both to improve the efficiency of the plants and to ensure their continued operation until replacement units are more readily obtained.

Red Cliffs.

In lieu of briquettes, supplies of black coal to Red Cliffs have been adequate, although erratic and costly. Deliveries of firewood to other stations have improved slightly, and stocks of fuel at most of them are satisfactory.

As a result of proposals submitted to the Government by this Commission, in regard to future capital expenditure on the Commission's Pumping Stations at Merbein and Red Cliffs and by the First Mildura Irrigation Trust on its pumping station, the State Electricity Commission has agreed to the establishment of a Central Power Station in Mildura. Plans are being prepared for conversion of Red Cliffs Pumping Station to electric motor driven pumps over the next four to seven years.

Robinvale.

The second stage of development of the Main Pumping Station has been almost completed, and preliminary trials of the new steam engine-driven pumps were carried out in preparation for the forthcoming irrigation season.

Construction works at Robinvale have been delayed through shortage of materials and labour, the latter being overcome to an extent by the use of migrant labour. Installation of the permanent plant for the Relift Pumping Stations is proceeding as the diesel engine units are delivered.

Millewa.

The old boiler and steam condensing plant at the above Station have been replaced by the re-installation of surplus plant from the Merbein Pumping Station.

Gredgwin.

The new diesel engine-driven pumping plant, which was installed last year, has given very efficient service.

Coreena Relift.

The erection of a new pump house and building has been completed.

SAND DRIFTS.

Wimmera-Mallee.

Soaking rains in 1948 caused a good growth of cover over most of the Mallee lands.

The planting of 2,823 acres of rye corn by the Commission on channel banks and areas of land liable to drift, and the campaign to prevent such land being fallowed, has reduced the amount of soil that had to be removed from the channels to less than in the previous year.

The cost of horse team work is steadily increasing with higher wages for scoop men and the very high prices prevailing for chaff.

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 1928–29 to 1948–49.

Financial Year.				Calendar Year.	
Year.	Cost per Fortnight for Horse Teams.	Approximate Quantity of Sand Removed.	Amount.	Year.	Amount.
	£	cub. yards.	£		£
1928–29 ..	25	7,675,000	119,920	1928 ..	..
1929–30 ..	25	6,333,000	98,961	1929 ..	133,137
1930–31 ..	25	5,350,000	83,610	1930 ..	110,997
1931–32 ..	26	2,984,000	48,504	1931 ..	51,927
1932–33 ..	26	2,547,000	41,410	1932 ..	33,716
1933–34 ..	26	2,480,000	40,270	1933 ..	44,153
1934–35 ..	27	3,915,000	66,085	1934 ..	50,200
1935–36 ..	27	3,881,000	66,519	1935 ..	75,133
1936–37 ..	28	3,246,000	56,892	1936 ..	64,991
1937–38 ..	29	3,838,000	69,597	1937 ..	52,523
1938–39 ..	30	4,153,000	77,886	1938 ..	71,925
1939–40 ..	32	4,565,000	91,305	1939 ..	104,561
1940–41 ..	31	3,982,000	77,168	1940 ..	63,477
1941–42 ..	33	3,684,000	78,048	1941 ..	74,025
1942–43 ..	34	3,677,000	78,148	1942 ..	79,410
1943–44 ..	36	3,049,000	70,875	1943 ..	62,926
1944–45 ..	37	6,198,000	143,362	1944 ..	70,450
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

INVESTIGATIONS AND DESIGNS BRANCH.

The Big Eildon Project (Goulburn River).

Following on approval of the project by the Government a start was made with the preparation of working drawings and specifications for construction. Designing engineers and draughtsmen engaged on this and other important water conservation projects are working ten hours overtime each week in order to complete the bulk of the plans at the earliest possible date.

Cairn Curran Dam (Loddon River).

Steady progress was made with the preparation of working drawings as required for the construction of the dam. A large model of the Spillway at the Melbourne Technical College was used for testing purposes.

Central Gippsland Irrigation Development.

Plans and specifications for the *Main Southern Channel* were completed. These include the *Thomson River Siphon*, a 7 feet diameter pipe 4,380 feet long.

The preparation of working drawings for the *Maffra Weir* was continued.

Subdivisional layout of the *Nambrok-Denison Soldier Settlement* was finalized and a start made with the preparation of channel sections.

Preliminary designs are being prepared for the enlargement of *Glenmaggie Reservoir.*

Glenelg River Development (Wimmera-Mallee Systems of Waterworks).

(*a*) Rocklands Dam—Models of the outlets were tested as a check on preliminary designs.

(*b*) Toolondo Reservoir—Working drawings of the outlet works have been almost completed.

Torrumbarry Irrigation System.

Apart from some investigation of a general nature work was confined to the *Marraboor Weir Investigation.* Surveys were completed, a site selected for more detailed study, and preliminary arrangements made for exploration of foundations.

Goulburn—Waranga No. 2 Main Channel. (Duplication).

Plans and specifications were completed for the first stage and a start was made on drawings for the second stage.

Campaspe River Development (Eppalock Reservoir).

A plan for the development of the water resources of the Campaspe River was presented as evidence to the Parliamentary Public Works Committee.

Upper River Murray.

In conjunction with officers of the Irrigation and Water Conservation Commission of New South Wales a number of possible dam sites were examined with a view to providing a reservoir to give more complete regulation of the Murray, and, at the same time, regulate possible diversions from the Snowy. Subsequently, preliminary plans and estimates of cost were prepared and supplied to the River Murray Commission and the Snowy River Committee.

Moorabool River, Little River—Local Development.

Working drawings of low weirs of various types were completed.

Cobbledicks Ford Dam Site (Werribee River).

A programme of percussion and diamond drilling was completed during the year.

Robinvale Irrigation District.

Extensions to bring the total planted area to 100 blocks were planned in detail and in such a way to permit expansion to a much larger number of blocks if necessary.

Tarago River Project.

This proposal was brought to the stage when detailed surveys could be commenced—this work is proceeding. Diamond drilling plant commenced boring along the proposed two-mile tunnel line in the vicinity of Jindivick.

Broken River Investigation.

These studies have been further advanced. The hydrographic aspects have been thoroughly examined and geological surveys carried out at proposed reservoir sites. Arrangements have been made with the Department of Agriculture for soil surveys, Topographical surveys and preliminary designs of works are to be undertaken during the forthcoming year.

Underground Water Resources.

Investigation resumed.

Hydraulic Research.

Further progress was made with the establishment of the Commission's Experimental Station at Werribee, the main features being the erection of a steel-framed laboratory building 150 feet long and 40 feet wide, and erection of houses for staff.

River Gaugings.

As provided by Section 32 of the *Water Act* 1928, the gauging and recording of flows of the principal streams of the State was continued.

The total flow of the principal streams for the year 1948–49 was generally below average. The following table showing the discharges at representative stations and the departure from average for the year illustrates this fact.

Stream.	Discharge for Year 1948–49.	Average Annual Discharge Since Year Indicated.	Per cent. Below Average.
	Acre-feet.	Acre-feet.	
River Murray at Jingellic	1,566,000	1,842,000 (1891)	15
Mitta River at Tallandoon	768,000	1,093,000 (1887)	30
Ovens River at Wangaratta	804,000	1,148,400 (1887)	30
Broken River at Goorambat	66,040	198,700 (1887)	67
Goulburn River at Eildon	1,010,000	1,373,000 (1916)	26
Goulburn River at Murchison	1,595,000	2,249,000 (1882)	29
Coliban River at Malmsbury	47,310	51,210 (1890)	8
Loddon River at Laanecoorie	117,000	164,000 (1891)	29
Little Wimmera River at Lake Lonsdale	47,600	71,400 (1904)	33
Lerderderg River at Darley	21,460	27,960 (1908)	23
Thomson River at Cowwarr	295,300	323,800 (1901)	9
Macalister River at Glenmaggie	359,700	419,700 (1920)	14
Bunyip River at Bunyip	90,200	120,500 (1908)	25

With few exceptions, discharges were below average for nine months of the year, November, 1948, February and March, 1949, being above average.

No major flooding occurred during the year. Two minor floods occurred in the Campaspe, Loddon and Coliban Rivers during February and March, and in the Snowy, Brodribb and Cann Rivers during June.

The number of stations in operation at 30th June, 1949, was 141 including 39 automatic stations. This was an increase of four stations including two automatic.

The number of flow measurements made during the year was 462 the highest being 21,000 cusecs on the Snowy at Jarrahmond on 24th June, 1949.

SURVEY BRANCH.

Deakin.

Detailed surveys have been commenced in connection with the proposed remodelling and improvement to the existing reticulation system.

Approximately 30 miles of channels have been surveyed to date.

In accordance with the regulations under the *Survey Co-ordination Act* 1940, a considerable number of Standard Permanent Marks have been established therein.

Murray Valley.

Three inch contour surveys of the area—approximately 60,000 acres, acquired for Soldier Settlement have been completed. Surveys have also been completed for the reticulation of the aforementioned area and for lands within the district generally—approximately 600 miles.

Subdivisional surveys of Soldier Settlement Lands has been further advanced, about 310 blocks have been surveyed.

Central Gippsland.

Three inch contour surveys of approximately 58,500 acres within the district and the final survey of the Main Southern Channel—approximately 14 miles—from Glenmaggie Weir to supply lands north and south of the Thomson River have been completed.

Surveys of channels for the reticulation of lands to be made available for Soldier Settlement is in hand, approximately 20 miles have been completed.

Maffra-Sale.

Three inch contour surveys of approximately 28,500 acres of lands within the proposed district extension have been made and about 5 miles of location of additional channels within the district have been surveyed.

Glenmaggie Reservoir.

Feature and capacity surveys have been completed in connection with the proposed increase in storage.

Tarago River.

In connection with the proposed diversion from the Tarago River to supplement the Mornington Peninsula scheme, detailed surveys have been put in hand and embrace a contour survey of possible diversion weir sites and a strip contour survey therefrom. About two miles of river area have been completed, control traverse of about 5 miles completed to probable tunnel site and a detail survey of tunnel portals has also been made.

Robinvale.

Contour surveys have been further extended in this area, approximately 15,000 acres having now been completed.

Subdivisional surveys of lands for Soldier Settlement have been extended—100 blocks have been defined.

Moorarbool River.

Feature survey has been completed from Russell's Bridge to about half a mile below the township of Batesford—a distance of approximately 18 miles.

River Murray.

Investigation surveys have been made of possible weir site at Marraboor, near the offtake of the Little Murray River.

Boort.

Contour surveys of about 7,000 acres have been made on Canary Island within the existing district.

Preliminary surveys have been made in location of channels in connection with possible extension and improvement to the present system, approximately 12 miles having been surveyed.

Little River.

Feature survey has been made of possible low level weir site—about 3 miles below the township of Little River.

Broken River.

In connexion with proposed future investigation of this scheme, compilation of photo mosaics is in hand.

Avon River.

Photo mosaics have been compiled by the Department of Lands and Survey for the Commission of an area strip from Lake Wellington to above the township of Stratford.

Rocklands Reservoir.

Surveys are in hand in connection with the resumption of lands required for this project.

MAJOR WORKS CONSTRUCTION.

During the year, progress on all major construction undertakings was limited by the availibility of manpower, materials and equipment.

Some 400 Displaced Persons were allotted by the Commonwealth to the Commission for employment on construction works. The availability of these men met requirements for unskilled labour, and but for their advent progress on some works such as Rocklands Reservoir would have been very limited.

Shortages in such basic materials as cement, piping, structural steel, reinforcing rods, nails and bolts retarded progress considerably and decreased the efficiency of operations due to constant replanning of works to minimise difficulties arising from the non-delivery of essential materials.

Many important items of construction plant were delivered during the year, but owing largely to manufacturers' difficulties in obtaining materials, the supply of plant and equipment is rarely up to schedule and extensive operations on works must be replanned or alternative equipment improvised to maintain progress. Restrictions on the importation of important items of construction equipment from dollar sources has adversely affected the construction programme. Much of this type of plant has been originated and developed in the United States of America and is not available from other sources.

Rocklands Reservoir.

Capacity 264,000 acre-feet.

Work at the Rocklands Reservoir and the outlet channel and tunnel proceeded without interruption throughout the year although progress was retarded because of difficulties in obtaining cement and steel.

A closing down of this important project was avoided by the importation at considerable cost of cement from Great Britain.

Rock excavation for the foundations of the dam was completed and the placing of concrete was started in October, 1948. The rockfill wing banks have been practically completed. The driving of the tunnel on the outlet channel has continued throughout the year, and a total of 2,003 feet has now been excavated leaving 1,757 feet to complete this work. The average number of employees on this work has been 300 with an additional 28 staff employees. The construction camp comprises 65 houses, workshops, stores and administrative buildings, and 344 roofed tents for single men.

The small sawmill erected on the works has continued to provide most of the sawn timber required for the work.

Cairn Curran Reservoir.

Capacity 120,000 acre-feet.

Construction of the Cairn Curran Reservoir has been continued during the year, an average of 293 men being employed on the project.

Preliminary works, including the establishment of a camp for 144 men with messing and recreational facilities, housing for 65 married staff and workmen, and workshop, store and administrative facilities have been completed.

A large recreation hall has been transferred from Nhill and was officially opened on 2nd July for the use of the 350 people now resident in the Works Area.

A concrete mixing plant consisting of a steel structure supporting four aggregate bins and a cement hopper, weigh batching equipment for aggregate and cement, and two revolving drums one cubic yard concrete mixers have been erected.

During the year almost 300,000 cubic yards of filling was consolidated in the Supplementary Bank bringing the level to just above Full Supply Level.

On the site of the Main Dam, excavation for the dam foundations has been continued in decomposed granodiorite and excavation of 20,000 cubic yards of sound rock completed and concreting commenced for the Diversion Culvert.

Ancillary works to be carried out by other Departments have been commenced for the deviation of the main road and railway line in the vicinity of Joyce's Creek.

Murray Valley—Channel Construction.

Good progress was made on channel construction works throughout the year. Numerous reinforced concrete structures were built by day labour, the average number of men employed on this work was 232, but during the latter half of the year the average was 263.

Earthwork contractors employing an average of 28 men with an average of 190 horses made rapid progress on channel excavation work.

Clay blanketing of porous sections of channels, remodelling of channels due to subdivision of lands for Soldier Settlement and earthworks at structures was executed by day labour teams, the average number of horses employed being 28.

Priority of construction was given to the Soldier Settlement area, but as this work was well advanced, opportunity was taken to build the structures in channels previously excavated in the northern portions of the Parishes of Strathmerton and Yarroweyah in the vicinity of Koonoomoo, during the summer period. All this work has been completed and water will be available during the 1949–50 season to an additional area of approximately 9,000 acres.

Within the Soldier Settlement area channel construction works have been completed in the Parishes of Yarraweyah, Strathmerton and the northern portion of Katunga. It is expected that work in the southern portion of the Parish of Katunga will be completed before the commencement of the forthcoming irrigation season when approximately 50 per cent. of the total area of 60,000 acres will have been reticulated.

Practically all channels in the Parishes of Ulupna, Baulkamaugh, Yalca, Waaia, Yielima and Picola except within the Soldier Settlement area, have been excavated. Excavation of channels within the Soldier Settlement area in the Parish of Baulkamaugh has been commenced.

Work was commenced during the year on the building of temporary houses for key personnel and on houses for staff, but owing to the difficulty of obtaining carpenters, little progress was made.

Although good progress was made during the year with the building of structures, more progress could have been made but for the limitation of supplies.

Since the inception of the Murray Valley Irrigation Channel system, approximately 530 miles of main and spur channels have been excavated, involving the excavation of about 8,100,000 cubic yards of earth. Of this total length of channelling, 380 miles are complete with structures and ready for the conveyance of water.

To date approximately 9,800 tons of cement and 1,670 tons of steel reinforcement has been used in the various and numerous channel structures and the expenditure £1,404,670.

Central Gippsland Irrigation Project.

During the year 1948–49 further progress was made with construction of the depot area. A camp for single men has been completed and 100 men are in occupation. Housing for married employees has also been constructed and 28 houses are occupied by staff and employees. A further eight houses are in the course of erection.

Administrative and stores buildings have been completed and workshops are being erected.

Channel construction was commenced on 28th October, 1948, the opening ceremony being performed by the then Minister for Water Supply, the Honorable J. G. B. MacDonald, M.L.A.

A contract for the major portion of channel earthworks on the Main Southern Channel between Glenmaggie and the Thomson River was let to Gilmore Excavating Co. Pty. Ltd., in April, 1949, and some progress is being made.

One contractor, two piecework contractors and 170 men are employed.

Lauriston Reservoir.

During the year steel flood gates and operating gear was supplied and installed by the Austral Otis Engineering Co. Adjustments have yet to be made before the gates are in final working order. The installation of these gates will increase the storage capacity of the Reservoir from 12,000 to 16,000 acre-feet.

Duplication—Goulburn-Waranga Main Channel.

As mentioned in the Commission's last Annual Report, the Government approved of the calling of tenders for the construction of the first $8\frac{3}{4}$ miles of the Goulburn-Waranga Main Channel.

The tenders were advertised in Australia, New Zealand, Great Britain and on the Continent, and were given publicity in various engineering publications circulated throughout the world. Following the calling of the tenders, numerous requests for further information and for contract documents were received from interested people in all parts of the world, including America.

Several interested overseas contractors made special visits to Australia for the purpose of visiting the site of the works to enable them to gain first hand information of local conditions before submitting tenders, the closing date of which is 30th June, 1949.

MAINTENANCE OF MAJOR HEADWORKS.

Reservoirs.

All the necessary maintenance was carried out at Hume Reservoir, Yarrawonga Weir, Torrumbarry Weir and Lock, Mildura Weir and Lock, Laanecoorie Weir, Pyke's Creek Reservoir, Melton Reservoir, Glenmaggie Reservoir, Eildon Weir, Goulburn Weir, Waranga Reservoir, Malmsbury Reservoir, and Upper Coliban Reservoir.

Considerable attention has been given to beautification of the Commission's major works and new areas have been set out and planted, and old plantations cultivated.

CONSTRUCTION PLANT AND MACHINERY.

The construction plant and machinery requirements on the Commission's works for the year have been met through the transfer of 267 items and through the acquisition of 312 items with a value of some £105,000. The movement of these items, some of which weigh up to 24 tons, has been effected by rail, Commission's transporters and, when desirable, by private road contractors. The number of items of construction plant controlled now totals 5,645.

One of the more important aspects of the year's operations has been the provision of plant for sand drift removal in the Wimmera-Mallee Division and something like 29 tracked type tractors have still to be obtained. It is expected that suitable machines for this work will be available from the United Kingdom. The United States of America is at present the only source of supply of much of the heavy types of construction equipment most suitable for Commission requirements and the very severe limitations on dollar expenditure is having a very material affect on the availibility of this type of plant. Large tractors which form the basic unit of large earth moving equipment can be imported in very limited numbers, only the manufacture in Australia of associated equipment such as scrapers and tamping rollers is being very materially impeded by shortages of steel.

The limited supply of spare parts continues to reduce the efficiency of operation of plant through repairs being held up whilst awaiting replacement parts.

Certain plant which was temporarily not required by the Commission was hired to outside bodies engaged on works of a water supply nature. Also, when necessary, plant has been hired to the Commission to supplement the plant already owned.

The total quantity of plant which has been acquired since the centralized acquisition of plant was commenced is as follows :—

	£
October, 1945 to 30th June, 1946	116,753
1st July, 1946 to 30th June, 1947	324,582
1st July, 1947 to 30th June, 1948	188,027
1st July, 1948 to 30th June, 1949	105,192
Total	734,554

The plant purchased during the year includes power tractors, excavators ranging from ½ to ⅝ cubic yard, tractor-drawn scoops with capacities up to 12 cubic yards, air compressors, concrete plant, internal combustion engines of various types and sizes, pumps, electrical and welding equipment, machine tools and a very large number of miscellaneous items. Orders to the value of £535,000 have been placed for further items of a similar character to meet the rapidly expanding needs of the Commission's construction programme.

Central Plant Workshops.

Completion of constructional work at this Depot has been delayed owing to the shortage of building steel and other materials. The main fitting shop is still only partly constructed, and it is this lack of space which seriously limits the amount of overhaul work which can be taken in hand. Nevertheless, the value of a central workshop of this nature in the servicing of Commissions' plant has already been demonstrated.

TOWN WATER SUPPLIES.

Coliban District.

Rainfall.

The average rainfall recorded for the year over the Coliban catchment was 29·5 inches.

Main Storages.

Main storages comprising the Upper Coliban, Lauriston and Malmsbury reservoirs, which together have a capacity of 52,220 acre-feet, filled in September of this year.

Deliveries of irrigation supplies began in November, and were continued until late in May. All requirements were satisfactorily met, and at the end of June, 1949, the quantity remaining in the reservoirs was 44,000 acre-feet, which represents more than 84 per cent. of the total storage.

Reticulation improvements and extensions have been carried out as far as available materials permitted.

Channel Lining.

The length of channelling carried out during the year was 7 miles 57½ chains, bringing the total to 74 miles 35 chains.

Water Meters.

The number of meters installed during the year was 548. The total now in operation is 6,495 which represents nearly 48·5 per cent. of the total services (13,408) in the district.

Water Analysis.

During the year, regular samples of water, drawn from the main parts of the system, have been taken for analysis.

Building Development.

During the year, considerable activity has been shown in the building trade throughout the district. A large number of new houses has been built and several large factories are in course of construction. These require water from the reticulation system and necessitate a number of extra tappings and extensions of mains. In addition, subdivisional surveys for residential purposes are also being carried out at the present time.

Newstead.

Normal rains fell in this district and sufficient water for all requirements was available from the local storage basins, which are filled by the Jim Crow Creek channel.

Mornington Peninsula District.

Building Development.

The higher rate of building development attained during recent years, both for residential and industrial purposes, has persisted, and this has resulted in a continuance of the numerous applications for additional services, in many cases calling for new and extended reticulation mains. Applications for new services in the period totalled 1,401.

Reticulation Extensions, Replacements and Improvements.

Although reticulation pipes of sizes 3, 4 and 6-inches diameter have become somewhat more readily available, great difficulty has still been experienced in obtaining essential fittings to be used therewith. These factors in conjunction with the continued shortage of labour have hindered the expansion of the reticulating system.

Shortage of labour and non-fulfillment of pipe contracts for larger mains have also prevented improvements to the system by which it was hoped to increase pressure during heavy summer demand periods in parts of the district where such troubles have become acute. Owing to the relatively mild summer, however, few complaints were received concerning low pressure. These occurred during December and January, but after the latter month, bountiful rains eased the demand on the system.

Notwithstanding difficulties, reticulation main extensions have been carried out in many parts of the district, particularly at Dandenong, Springvale, Frankston—Chelsea, Mornington, Mt. Martha, Dromana and Rosebud, and a total of 9 miles, 22 chains of 3, 4 and 6-inch diameter fibrolite mains have been laid including service to a War Service Homes estate of over 200 houses at Springvale. Of the larger mains, 14,000 feet of 12-inch diameter concrete lined mild steel main together with fittings, have been received, and laying will be commenced immediately labour is available. This installation will improve the pressure at peak demand periods in the Chelsea area.

Bittern Reservoir.

At the Bittern Reservoir, repairs are being effected to the eastern embankment. This work is being carried out in such a manner as to form part of the work towards the ultimate increase in the capacity of the storage.

Cardinia Siphon.

For the enlargement of the capacity of the Cardinia Valley crossing on the Beaconsfield-Dandenong Pipe Line, 9,580 feet of 30-inch diameter concrete lined mild steel main has been delivered.

Bunyip Main Race.

Further improvement and enlargement has been effected on the Bunyip-Beaconsfield Main Race by a continuance of an extension of the concrete lining to a higher level along the Toomuc-Beaconsfield section, thereby raising the capacity of this section from its present minimum of 9·5 cusecs up to 35 cusecs and ultimately to 42 cusecs.

Some 2,820 lineal feet of 30-inch diameter pipes are now on hand for duplication of the Toomuc Siphon.

Lysterfield Afforestation.

At the Lysterfield Reservoir the nursery for the propagation of seedlings and cuttings for the reafforestation of the catchment area of the Reservoir has been completed. It has capacity for the production of up to 300,000 eucalypt seedlings annually. The undertaking has included the erection of potting shed, and dwelling for the officer who is to supervise the nursery and planting of the area. Seed beds and potting frames have also been constructed as well as a system of water supply for the nursery and residence.

Displaced Persons Camp.

In an effort to overcome the labour shortage in the district, a camp has been established at Springvale where some 35 displaced personnel migrants will be accommodated. Men will be transported daily from this camp to the various parts of the district where their services are required.

Bellarine Peninsula District.

Bellarine Pipe Line Replacement.

The Contractors for the supply of 30 and 18-inch diameter pipes for the replacement and enlargement of the Bellarine pipe line from the Waurn Ponds Basin to the Barwon Heads Road have not yet been able to proceed with manufacture owing to their inability to obtain steel plates and reinforcing steel, but it is expected that delivery will commence early in the coming year.

Concrete piers for the support of the 30-inch diameter steel pipes are being procured in readiness for their emplacement as soon as they become available from the contractors.

Bellarine Basin Improvements.

A commencement has been made with the improvements to the Bellarine Basin. Construction of an embankment on the western side is proceeding.

Reticulation Extensions.

To the extent of the availability of piping, fittings, and labour, and in accordance with priority importance, reticulation extensions and improvements have been effected in the Queenscliff, Point Lonsdale, Barwon Heads, Portarlington, Ocean Grove, Anglesea, and Torquay Urban Districts.

Birregurra Town Supply.

The reticulation system for the Birregurra township has been completed, and supply made available for railway purposes.

Moorabool Weirs.

The first of a number of small weirs to be constructed in the Moorabool River between Lethbridge and Batesford, to ensure stock supplies and to permit irrigation of river flats, has been completed. This is situated on Mr. A. J. Matthey's property. The construction of a second weir has been commenced at Mr. G. R. Madden's. Owing to frequent and heavy summer rains, construction was greatly retarded.

Displaced Persons Camp.

In an effort to overcome the difficulty in obtaining sufficient labour for the outstanding works, a camp capable of accommodating 50 men has been established at Moriac.

Bulk Supply to Geelong.

The total quantity of water supplied in bulk to the Geelong Water Works Trust for the year ending 30th June, 1949, was 995,578,000 gallons (3,657 acre-feet) as compared with 951,175,000 gallons (3,494 acre-feet) for the previous year.

Otway District.

Warrnambool Auxiliary Basin.

At Warrnambool the placing of the beaching stone on the embankments of the Auxiliary Storage Basin has been practically completed and the outlet tower is also under construction.

Wonthaggi District.

Reticulation Extensions.

A new connecting main consisting of 13 chains of 4-inch diameter piping has been laid and is providing supply to 17 new residences recently completed by the Victorian Housing Commission.

Installation of Water Meters.

The table summarizes the position in regard to the installation of water meters in the following urban districts :—

District.	Total No. of Services.	Total Meters Installed.	No. of Services not Metered.
Coliban	13,408	6,364 Commn. 131 Pte.	6,913
Bellarine Peninsula	2,441	1,963	478
Otway	2,220	1,773	447
Mornington Peninsula	15,851	8,976	6,875
Wonthaggi	1,500	74	1,426
Totals	35,420	19,281	16,139

The number of services yet to be metered is considerably less than the 16,139 services not metered as at 30th June, 1949, as it is not intended to meter properties for which water service is solely for domestic use.

Meter deliveries have considerably improved during the past twelve months as supplies are now also being obtained from Sydney from D.S.K. Pty. Ltd., who have contracted to supply 10,000 meters of size $\frac{3}{4}$-inch to the Commission. The total deliveries of $\frac{3}{4}$-inch meters from all sources was 3,425.

Wimmera and 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 System 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 waterworks trusts.

Continuous supplies were maintained in the urban reticulations of Carwarp, Merbein, Meringur, Nyah, Nyah West, Piangil, Red Cliffs and Werrimull, the water being pumped from the River Murray.

The construction of the following new town storages was completed during the year.

Wycheproof No. 3	Capacity 10,550,000 gallons
Birchip No. 4	Capacity 14,340,000 gallons
Berriwillock No. 4	Capacity 4,300,000 gallons
Tarranyurk	Capacity 2,210,000 gallons

In addition remodelling and enlargement of the Woorinen storage was carried out.

Robinvale Township.

An earthern mound containing some 5,000 cubic yards of soil was constructed approximately half a mile south west of the Robinvale Railway Station as part of the work for the reticulation of the township.

This bank is now being surmounted by a 40-foot diameter steel tank of 165,000 gallons.

In addition the laying of 55 chains of 8-inch diameter wood pipe for the township reticulation was completed.

A 30-foot windmill is now in course of erection, together with a standby pumping plant, pits and suction pipe, rising main, &c.

It is anticipated that the reticulated water supply will be made available to Robinvale in November, 1949.

Goulburn.

Tallygaroopna Urban Division was constituted during the year to serve approximately 85 residents. The works comprise a storage reservoir of 841,500 gallons capacity, together with overhead service tanks of 10,000 gallons capacity, electrically operated and controlled pumping equipment and the necessary reticulation mains throughout the township.

Shepparton, the industrial centre of this district, has recently been declared a City and continues to make spectacular progress both in population and new industries.

In the Lockington Urban Division the new automatic electrically driven pumping unit has given very satisfactory service and has considerably reduced the annual cost of pumping for Lockington Township supply.

Loddon.

The Macorna Urban Division was constituted during the year on completion of the laying of 82 chains of fibrolite pipe mains and the installation of a new motor and pump at the storage site.

Central Gippsland.

Urban supplies were maintained for the township of Stratford and Heyfield from Glenmaggie Reservoir. Arrangements have been made to use the Thomson River as the source of supply for Heyfield as soon as material for the new rising main can be procured.

WATERWORKS TRUSTS AND LOCAL GOVERNING BODIES.

There are at present 141 local authorities which supply water for domestic and industrial purposes to Victorian country towns, under the general supervision of the Commission. These local Authorities comprise 124 Waterworks Trusts and 17 Local Governing Bodies.

Although no additional Authorities were constituted during the past year, proposals for new reticulated water supplies to five towns were approved, namely Serpentine, Tallarook, Wallan, Walwa and Yarragon, and it is anticipated that Waterworks Trusts will be constituted shortly in the latter two cases.

Despite the current difficulties in obtaining labour and materials, the expenditure on town water supply works has continued its rapid increase, the advances from loan funds during the year amounting to £456,700. This exceeds last year's record total by £129,910 and the expenditure was prevented from reaching a much higher level by the manner in which the continued serious shortage of pressure piping has hampered the efforts of all Authorities to extend and improve their systems. As the estimated cost of additional town water supply works which have been approved but not yet constructed now exceeds £3,000,000, many local Authorities will experience further long delays unless pipe supplies can be greatly increased.

The Ballarat Water Commissioners have now constructed the subsidiary embankment and main pipelines associated with the 3,000 million gallon White Swan Reservoir project. The designs, preparation of foundations and outlet works were completed to a stage which enabled the placement of earth fill in the main embankment to be commenced.

The Ballan Waterworks Trust has commenced construction of a concrete arch dam and other works to obtain the improved supply required for Ballan and for the proposed extension to the Northcote Children's Farm.

The new pumped supply for Dunolly and Tarnagulla obtained from the Loddon River was completed and put into operation during the year by the Bet Bet Shire Council.

The Geelong Waterworks and Sewerage Trust is at present installing new large distribution mains and is extending its reticulation system. The Trust has received approval to replace 15 miles of main pipeline between Anakie and Lovely Banks Basins and to construct a new service basin at Highton, with a 24-inch inlet main to enable the Trust to receive and distribute greater quantities of water from the Commission's Bellarine System under conditions of peak summer demand.

The Glenrowan Waterworks Trust is now constructing a new pumping station, rising main and storage to obtain an improved supply pumped from the Fifteen-mile Creek.

The Hamilton Waterworks Trust has commenced construction of a 75,000,000 gallon reservoir near the town to assist in meeting the increasing demands.

The First Mildura Irrigation Trust has accepted tenders for the equipment for its new central pumping station and has commenced the ancillary channel works. The ten-year programme of improvements to the channel system has been advanced a further stage by the installation of pipelines in place of many troublesome sections of channel.

The large-scale housing projects being carried out at Moe, Morwell and Traralgon in association with the development of the brown coal resources of the Latrobe Valley have necessitated the rapid expansion of these town supplies. The three Waterworks Trusts concerned are all at present engaged on major extensions to their reticulation systems and the installation of new large distribution mains. The Moe Waterworks Trust has also undertaken the enlargement of the remaining section of its old main pipeline.

The Morwell Waterworks Trust is installing a 15-inch connecting main to the new storage constructed by the State Electricity Commission. By using this storage, the supply obtainable from the present Morwell headworks will be increased until further supplies can be made available from the Tyers River by the Electricity Commission in conjunction with its proposed supply for the new briquetting installation. The Traralgon Waterworks Trust has commenced installing meters on all services and is constructing a new reservoir close to the town to enable increased demands to be met from the present headworks. The Trust has accepted tenders for a larger new main pipeline, 18 inches in diameter, which will be supplied from the Tyers River system of the State Electricity Commission, thus superseding the Trust's present offtake.

The Romsey Waterworks Trust has commenced the construction of a new reservoir to augment the supply obtainable from the headworks.

The Sunbury Waterworks Trust is constructing a new 24-million gallon basin to increase the supplies which could be delivered to the town and the Asylum during summer.

The Talbot Shire Council constructed a new main pipeline which supersedes the race between the reservoir and the town, thereby reducing losses and improving the quality of water supplied.

At Wangaratta, the Trust has completed the enlargement and remodelling of its purification plant and is installing larger pumps and distribution mains to meet the greater demands following development of the town and its industries.

The Warragul Waterworks Trust completed the enlargement of its rising main and has now undertaken further enlargement of the trunk main between the service basin and the town. This Trust is now engaged on detailed investigations for the extension of its pipeline to obtain a gravitation supply from the upper reaches of the Tarago River in lieu of the present pumped supply.

The new Willaura town supply works were completed and put into service during the year by the Shire of Ararat Waterworks Trust.

Extensions and improvements to reticulation systems and other works were carried out at Bridgewater, Chiltern, Euroa, Kilmore, Lancefield, Nagambie, Riddell's Creek, Rochester, Seymour, St. Arnaud, Tatura, Trafalgar, Warburton, and Yea.

New reticulated supplies for many country towns are at present being investigated, and preliminary reports have been submitted for review in the following cases :—

Balmoral, Barnawartha, Boolarra, Briagolong, Cockatoo, Dunkeld, Emerald, Erica, Gembrook, Great Western, Hall's Gap, Hearn's Oak, Heywood, Laanecoorie, Lindenow, Loch, Meeniyan, Merino, Metung, Nyora, Poowong, Redbank, Skipton, Streatham, Stuart Mill, Thorpdale, Walpa, and Warrandyte.

SEWERAGE AUTHORITIES.

During the year, the Springvale and Noble Park Sewerage Authority was constituted, making the total number of Sewerage Authorities 48, of which 29 control works in complete or partial operation.

Owing to the continued lack of the necessary materials and skilled labour it has not yet been found possible to resume full-scale sewerage construction following the war-time suspension, but the number of extensions to existing systems now being installed to serve new housing projects and closely built-up areas is steadily increasing.

Extensions to the reticulation systems were carried out at Ararat, Ballarat, Bendigo, Castlemaine, Colac, Dandenong, Hamilton, Horsham, Kerang, Morwell, Swan Hill, Wangaratta, Warracknabeal, Warragul and Warrnambool.

The work of connecting houses to the sewers at Dimboola and Yarrawonga is progressing steadily and similar work has also been commenced at Maffra.

In view of the important housing development at Moe, the design of the sewerage system has been expedited and construction of the main works is about to commence.

Detailed surveys and design of works are proceeding at Charlton, Mooroopna, Queenscliffe, St. Arnaud, Stawell, Tatura, and Yea.

Proposals for the sewering of Bacchus Marsh, Donald, Jeparit and Port Fairy were approved during the year and numerous preliminary reports for proposed schemes in other towns are awaiting examination.

DRAINAGE AND FLOOD PROTECTION WORKS.

Kooweerup and Cardinia Districts.

In the Kooweerup District the construction of the large Yallock Floodway and protective embankment between Bayles and Cora Lynn has been extended for about one mile during the year, mainly by tractor and scraper equipment, which has operated most effectively in removing a considerable quantity of earthwork, often under very unfavourable working conditions. Appurtenant works including clearing, fencing, roadwork and bridgework have also been carried out.

Several timber and steel bridges are in course of erection over the new floodway and these structures will be completed as soon as delivery is effected of long outstanding orders for the required sawn timber.

During the year mechanical excavators have effected considerable improvement to many miles of subsidiary drains within the Kooweerup District. The Murray Road Drain, Little Yannathan Drain and lateral connecting drains have been remodelled for a total length of 12½ miles and the No. 6 Yallock Drain has been cleaned out for a distance of 3 miles from the No. 4 Junction at Bayles.

The work of reconditioning the No. 7 Yallock Drain and the Catch Drain on the south east side of the Main Canal, has been extended 1¼ miles and 3½ miles respectively.

During the year seven additional timber bridges have been wholly or substantially renewed and general repairs effected to many other structures. However, the continued difficulty in obtaining supplies of bridge material, particularly sawn timber, for replacement of old structures is causing much concern.

Growth and other obstructions have been removed from drains totalling 150 miles in length. A rotary hoe has proved effective in cleaning the beds and berms of drains under moderately dry conditions.

Privately owned suction plants operating under an arrangement with this Commission have removed an additional 35,000 tons of coarse, clean sand from the Kooweerup Main Canal and 5,000 tons from the Cardinia Drain during the year. The total output of sand from the Kooweerup Canal has amounted to approximately 674,000 tons over the period since 1925.

Carrum District.

In this district, operations for the past year have been confined to cleaning out many miles of drains and supply channels, repairing structures and attending to general maintenance requirements.

Satisfactory progress has been made with the clearing of dense furze and other growth from the waterways of the Dandenong Outfall above Pillars Crossing and the Eumemmerring Outfall below Worsley Road.

Murray Levees.

During the year three applications for permission to erect levees along some six miles of the River Murray for the protection of lands from flooding were dealt with by the Interstate Committee appointed for the purpose.

RIVERS AND STREAMS FUND.

The *River Improvement Act* 1948, transferred from the Minister of Public Works to the Minister of Water Supply the function of making grants from the Rivers and Streams Fund. The Commission, therefore, took over from the Public Works Department, the administration of the Fund as from 1st January, 1949, the date when the Act came into operation. The Act also made provision for payment into the Fund, from moneys made available by Parliament, of such sums as the Treasurer approves.

During the six months ending 31st December, 1948, 22 grants were approved totalling £6,321, and during the six months ending 30th June, 1949, 41 grants totalling £13,963, or a total of 63 grants throughout the year totalling £20,284.

Of these the largest and most important was a grant made by the Minister of Water Supply, to enable municipal councils to undertake, on the " stitch in time " principle, small urgent works of snagging on streams. This was intended to facilitate early action in cases of emergency, such as where a flood has built up a log-jam against a bridge, or where a storm has blown down trees into a stream, and damage may arise unless the obstructions are removed promptly. This grant was allotted amongst 133 municipal councils, the amount to each varying from £20 to £100 according to the estimated likelihood of need for the work in each municipality ; the total amount of the grant being £4,030.

The following is the basis on which grants from the Rivers and Streams Fund are now made :—

(*a*) Grants to be only towards the cost of local improvement works which are not of sufficient magnitude to warrant the constitution of River Improvement Districts.

(*b*) Grants to be only for removal of snags or other obstructions of streams, or for the protection of their banks from erosion ;

(*c*) Grants not to be made towards remedying gullying or other forms of soil erosion, but to be confined to improvements on recognized rivers and creeks, such as those along which there are permanent reservations (see list published in the *Government Gazette*, No. 1881, page 1389, Order in Council, 23rd May, 1881), as the Fund has been built up from rentals from River Frontage leases ;

(*d*) All Grants from Rivers and Streams Fund to be on basis of £4 from Fund to each £1 contributed locally.

Approval has been given for the payment of administrative costs not exceeding six per centum of the direct labour and material expenditure on the work.

WATER SUPPLY CATCHMENTS.

Werribee River.

A comprehensive report " Erosion in the Melton Reservoir Catchment," was published during the year and has created considerable interest and discussion, showing as it does, severe erosion in the catchment of the Melton Reservoir which is located on the Werribee River, below Bacchus Marsh. The position is most serious from the national point of view and it will undoubtedly deteriorate further unless soil conservation measures are adopted and enforced for the necessary control and remedying of sheet and gully erosion of the farming and grazing lands which comprise the greater part of this catchment.

Other Catchments.

Investigation are proceeding with a view to the compilation of reports on the conditions in the catchments of the Hume, Cairn Curran and Eppalock Reservoirs.

FARM WATER SUPPLIES BRANCH.

Since the operation of the Farm Water Supplies Advances Act No. 5174 was extended to include drainage, 95 applications have been received for assistance for the drainage of farms in irrigation districts, and approved works for which financial assistance was sought, will cost £41,900.

These drainage works, on which good progress is being made, are situated in the Nyah and Swan Hill Irrigation Districts, and an officer of the Commission is stationed in the district to carry out the necessary surveys and to closely supervise the work during construction.

Advice and information were given in more than 90 cases where finance was not required, involving inspection in various parts of the State. The works recommended in these cases are estimated to cost in the aggregate more than £35,000, including boring for underground water, construction of catchment dams, excavation of earthen tanks, diversions from streams and channels, and the installation of windmills and power pumping plants in addition to irrigation proposals which included design of layout and pumping provisions. Many cases were also dealt with by correspondence and personal interviews in this office.

Some earth moving plant became available to the branch, and excavation of storage dams for farmers was undertaken in the Boort district, but this work has been temporarily abandoned because plant operators were unobtainable. Difficulty in obtaining spare parts for the plant also hinders this work.

Investigations into the creation of storages in streams for the use of farmers by the construction of low level weirs, were carried out. Farmers propose to construct a number of such weirs on Sutherlands Creek in the districts to the north of Geelong.

The possibility of obtaining satisfactory supplies of water for domestic and stock purposes from underground sources in the several irrigation districts, is being investigated.

There has been a keen demand for " Farm Water Supplies for Domestic and Stock Purposes " handbook, about 7,000 copies of this publication having been distributed.

ENGINEERING RESEARCH BRANCH.

There has been considerable increase in the activities of the branch, and although shortage of suitable staff is still proving a handicap, the position has improved appreciably.

The shortage of coal, which has persisted over several years, has again exercised a detrimental effect, in particular adversely influencing cement supplies. This has engendered a curtailment of cement available for the Commissions' construction works, and reduced the supply of manufactured requirements such as concrete pipes and asbestos cement pipes.

Some of the local shortage of cement has been made up by consignments of cement of British manufacture, on which the tests have been satisfactory, although a higher initial cost is entailed. The breakage of bags during the considerable amount of handling constitutes an undesirable feature.

A matter of much interest—being no doubt, a sidelight on the progress of the policy of decentralization of industry—is that inspections of concrete pipes have been conducted at country centres of manufacture, and a great number of small cast iron fittings have been inspected at provincial centres, including Ballarat, Castlemaine, Horsham, Kerang and Sale.

A summary of the work undertaken, is submitted under the following sections :—

1. Routine labatory tests for Commission and other Authorities.
2. (*a*) Outdoor testing of materials ;
   (*b*) Inspection of materials supplied by contractors.
3. Water purification and analysis.
4. Soil Mechanics.
5. Miscellaneous investigations.

1. Routine Laboratory Tests for Commission and Other Authorities.

—	Portland Cement.	Concrete Specimens.
	Tons.	
For the Commission—		
Australian	5,176	172
British	1,296	
For other authorities—		
Australian	250	206
In addition a considerable number of samples of British and Australian cement representing an unspecified tonnage.		
Total ..	6,722	378

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

Material.	Length in Feet.
Steel Cement Lined Pipes	26,172
Cement Concrete Pipes	39,798
Asbestos Cement Pipes	175,497

These pipes were of various pressure heads and diameters, up to a maximum of 30-inch in the case of the steel pipes and 36-inch in concrete.

A variety of other items were also tested including cast iron pipes, 2,821 water meters, 188 sluice valves, and other cast iron and steel pipe-line accessories.

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

The items included in this category are those of such nature that the quality of the material or its fabrication can be determined to a reasonable degree of reliability by competent inspection.

These included some 15,000 cast iron pieces such as Gibault joints, reducers, bends, distance pieces, fire plugs, tees and covers for the same, and valve covers.

Additional items were fabricated structural steel for three bridges, the longest being 240 feet, lifting gear for steel sluice gates, weir flood gates and associated gearing, and a miscellany such as truck wheels, axles and bearings, steel ladders, steel railings, and a quantity of oregon and other structural timber.

3. Water Purification and Analysis.

Three hundred and forty-two samples of water were received for examination and analysis from a variety of sources comprising principal reservoirs, rivers, urban supplies, and a number of bores and wells.

The need has long been felt for a scheme for the regular examination of the quality of water in the major streams, storages, and reticulated areas throughout Victoria.

A suitable plan has now been devised and inaugurated, whereby water samples for analysis will be collected at regular intervals from the principal rivers and streams, major storages, town water supplies, and certain lakes.

It is believed that the information thus obtained will form the basis of a useful compilation of analytical data.

4. Soil Mechanics.

Four hundred and eighty samples of soil were received mainly representing several proposed reservoir sites on the Upper Murray and at Cobbledick's Ford on the Werribee River. The detailed location of samples was as follows :—

Source.	No. of Samples.
Werribee River, Cobbledick's Ford	236
River Murray, Dora Dora	28
River Murray Jingellic	138
River Murray Talmalmo	51
Others	27
Total	480

These, together with a large number of samples received in previous years, were tested to determine the particle/size distribution, optimum density, shearing resistance, permeability and consolidation.

The major portion of the year's work has been the continuation of investigations on samples from the Laanecoorie Reservoir, and the sites of Cairn Curran and Tullaroop Creek Reservoirs. Tests have been made on samples from the sites of proposed reservoirs on the River Murray at Dora Dora, Jingellic and Talmalmo, and other minor works including a number for several Urban Waterworks Trusts.

In addition, tests have been continued on undisturbed samples from the foundations of the White Swan Reservoir, Ballarat, on behalf of the Ballarat Water Commissioners.

5. Miscellaneous Investigations.

Samples of coarse and fine aggregates were tested in regard to their suitability for concrete mixtures in the Commission's constructional works, and in some instances for other departmental bodies.

The opportunity occurred during the year to initiate several investigations into matters of interest in regard to the Commission's activities somewhat dissociated from the normal routine work of the laboratory.

Air entrainment in concrete has recently been receiving much attention overseas and experiments have been instituted, both in the laboratory and in the field, in the use of air entraining agents with reference to the Commission's constructional activities.

In the Soil Mechanics section a commencement has been made on an investigation of the shearing resistance of soils containing various proportions of sand and clay. This subject is one on which additional information will prove of much interest, both as regards laboratory tests and in the significance of the test results in the design of earthworks.

A study was made of the methods of control of weeds that have proved troublesome in the Commission's waterways. The information that has thus been compiles includes existing practice in the Commission's various districts, and descriptions of other promising methods that have been used elsewhere.

LAND VALUATIONS.

Valuations for Land Compensation.

Post-war developmental works being carried out by the Commission have resulted in 153 compensation claims, which require valuation reports and recommendations on lands required for catchment areas, sites for reservoirs, supply channels, pipe lines and drainage works.

One hundred and fourteen easements for distributary channels were granted without claim.

Valuations for Rating.

The rating valuation carried out by the Commission has grown to a work of great magnitude. It necessitates valuing over ten million acres, about one-sixth of the total area of the State and involving some 36,000 separate assessments.

New valuations for rating have been made in ten irrigation and water supply districts, nine waterworks districts and eight drainage districts during the year. The total districts in which rating valuations have been completed or are in progress is twenty-one irrigation and water supply districts, twenty-four waterworks districts, nine drainage districts and one flood protection district.

Of the seventy-three districts requiring valuation under the provisions of the Water Acts, forty district valuations are complete and good progress has been made with fifteen others.

In addition, supplementary valuations following subdivisions and other causes have numbered 799 separate assessments with a Net Annual Value of £64,497 on 128,614 acres.

An analysis of eighteen Irrigation Districts, in which the new and old valuations may be compared directly, is summarised hereunder. The total area under consideration is 1,096,124 acres, covering 9,157 separate assessments.

—	Total Unimproved Capital Value.	Average U.C.V. per Acre.	Total Net Annual Value.	Capitalized Rating Value per Acre.
	£	£	£	£
New Valuation (1945–49) ..	9,470,911	8 12 10	927,467	16 18 5
Previous Valuation (1938) ..	Not Assessed.		667,767	12 3 9
	Percentage Increase ..		% 38·9	% 38·9

Typical results from districts representative of the higher and lower value groups are as under :—

District.	Total Unimproved Capital Value.	Average U.C.V. per acre.	Total Net Annual Value.	Capitalized Rating Value per acre.	Percentage Increase in N.A.V. compared with 1938 Valuation.
	£	£ s. d.	£	£ s. d.	%
Merbein	384,908	37 11 10	85,742	167 9 8	71·6
Red Cliffs	601,937	19 6 11	136,298	87 12 3	66·7
Werribee	290,911	28 15 4	33,888	66 17 2	61·0
Calivil	290,057	4 15 0	17,253	5 13 0	7·6
Rodney	2,208,099	8 2 1	170,602	12 10 5	25·1
Dingee	53,516	6 0 10	3,869	8 14 9	16·0

The average Capitalized Rating Value of Waterworks District Valuations returned is £4 per acre, or an increase of 2½ per cent. on the 1938 valuation. This covers a range of, for example, £21 8s. 9d. per acre (increase, 36·6 per cent.) in Harcourt district, down to 17s. 3d. per acre (a decrease of 10 per cent.) in Carwarp district.

The Unimproved Capital Value over all these districts, including large areas in the Northern Mallee, average £1 5s. per acre.

Unimproved Capital Value.

In accordance with the Commission's direction, when districts are being valued for rating purposes, the Unimproved Capital Values as well as the Net Annual Values are being provided by District Valuers in their Valuation returns.

District Valuation Appeals.

Following the adoption of the latest District Valuation, twenty-six land owners lodged written protests against the amount of Valuation on their property. Of these, twenty-one either withdrew their objection after detailed explanation by the valuer or did not proceed to the Court for a decision.

Check Valuations were made of the remaining five, resulting in the acceptance of such check valuation.

Staff.

The Staff is comprised of the following field officers :—

Staff Valuers	.. 4
Cadet Valuers	.. 4

During the year two Cadet Valuers resigned and have been replaced.

Seven Districts Officers have been engaged part time on District Valuations as also have two Contract Valuers.

TRANSPORT.

At the end of the year under review, the Commission had in service a total of 409 motor vehicles, 188 of which were owned by and hired from, Officers and other Commission employees. The 221 Commission-owned vehicles, comprising 22 cars, 132 utility trucks and 67 other types, chiefly of the heavy variety, travelled a distance during the year of 1,837,500 miles. The 188 vehicles hired on a rate-per-mile basis travelled for the year a total distance in the service of the Commission of 418,880 miles. Thus, the total mileage covered by vehicles in the Commission's service for the year was 2,256,380 miles.

There has not been any improvement in the supply position for replacement vehicles and parts, with the result that many of the older units of the Commission's fleet have been retained in service beyond the normal economical life of the machine.

The first of two heavy machinery transporters, which have been ordered, was put into service at the end of the year. These machines comply with all the necessary road transport regulations, and will allow great facility in the movement of heavy earthmoving plant and machinery between the works and districts in which the Commission's main projects are proceeding.

LIBRARY.

The Technical Library of the Commission which has now been functioning at Head Office for over three years, is expanding rapidly to keep abreast with the latest technical data relating to water supply and its associated functions.

During the past twelve months, a Branch Library was established at 31 Flinders-lane. At present, periodicals only are held there, but appropriate sections of the Head Office Library will be transferred there at an early date for the convenience of officers in that building.

A large number of enquiries was again received during the year for Commission publications, from Universities, Schools, and Government Bodies, as well as from the general public.

HOUSING.

In addition to accommodation built on constructional projects referred to elsewhere in the report, the Commission constructed 11 houses of standard or special designs during the year, and has under construction another 9 of the same types. In addition, 17 prefabricated houses were received from the Housing Commission and placed in position whilst another 15 have been received and are being completed.

The Commission also purchased 10 other houses, 4 of which were moved to new sites. In addition, 4 buildings were erected by contract labour at the Commission's new Experimental Station at Werribee and the construction of a laboratory 150 feet by 40 feet is well advanced.

Preliminary designs for new district offices at Robinvale, Chelsea and Camperdown were prepared.

As from the 1st July, 1948, the maintenance of district offices and houses was taken over by Divisional Engineers.

The Commission wishes to place on record its appreciation of the excellent co-operation it has received from the Housing Commission which made available houses to meet portion of its requirements during the year.

FIRST MILDURA IRRIGATION TRUST.

The Chairman of the First Mildura Irrigation Trust, Commissioner W. B. Hawson, presented his report covering the activities of the Trust for the 1948–49 irrigation season at the annual meeting of ratepayers held at Mildura on 24th May, 1949.

The report indicated that the pumping plants continued to work satisfactorily throughout the year, the quantities of fuel consumed being 31,089 tons of firewood and 162 tons of fuel oil.

During the season, four ordinary and four special waterings were provided, involving pumping for 154 days, 16 days longer than for the previous season. The quantity of water pumped during this period amounted to 45,267 acre-feet and the area irrigated, 12,937 acres.

Commissioner Hawson also made special reference to the legislation passed during the year which transferred to the capital expenditure borne by the State Account all existing liabilities in respect of loan advances made to the Trust to meet the cost of its irrigation works.

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.

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. The compulsory Irrigation Charges were not increased in these Districts where water for irrigation is obtained by gravitation from the various storage reservoirs throughout the State, but the unit charge was increased in the four Districts which are supplied with water by pumping from either the River Murray or storages.

In thirteen Waterworks Districts, increases were made in the rates levied for the year. A rate was made and levied for the first time on lands in the newly constituted Wychitella Waterworks District.

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

The Commission made and levied the maximum rate of 1s. 6d. in the £ permitted by Section 101, *Water Act* 1928, for the urban portion of the Coliban System. The rate in the £ was made uniform for all properties, the tapering rate on valuations in excess of £300 being discontinued.

Lands in the newly constituted Birregurra Urban District were rated by the Commission for the first time.

With the exception of the Werribee Drainage District and the Carrum Drainage District, rates made and levied in all Drainage Districts were increased, but no alteration was made to the rates or charges in Flood Protection Districts.

The rates levied on lands within the Carrum Drainage District were assessed on the unimproved capital values of the rateable lands with a fixed minimum amount of rate as provided by Section 5 of the *Water Act* 1928.

Details of all rates and charges made are set out hereunder :—

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, 1949.			Compulsory Irrigation Charge per Acre-foot of Water Right, Season 1948-49.	Number of Assessments.	Estimated Number of Persons Dwelling in District.
						Valuation by Commission.	Divisions.				
							1st.	2nd.	3rd.		
Supplied from Goulburn System.				£	£	s. d.	s. d.	s. d.	s. d.		
IRRIGATION AND WATER SUPPLY DISTRICTS.											
1. Boort	80,240	56,722	11,339	..	18,446	1 0	..	..	7 0	278	455
2. Calivil	61,140	32,527	6,505	..	17,253	1 0	..	..	7 0	210	442
3. Deakin	160,888	21,202	5,698	..	45,665	1 8	0 10	0 5	6 0	547	1,405
4. Dingee	8,823	4,447	4,447	53,516	3,869	1 0	..	..	7 0	87	205
5. Katandra ..	13,956	11,174	7,329	119,834	9,580	1 0	..	..	7 0	130	515
6. North Shepparton	121,937	61,438	13,201	935,668	56,002	1 0	0 6	..	7 0	480	1,012
7. Rochester ..	181,586	56,995	57,466	1,544,189	123,916	1 0	0 6	0 3	6 0	929	2,784
8. Rodney	272,597	190,318	60,898	..	135,198	1 0	0 6	..	6 0	1,937	5,150
9. Shepparton ..	24,380	21,310	21,310	501,563	52,387	1 0	..	..	6 0	640	2,602
10. South Shepparton	33,705	17,921	4,404	258,927	15,935	1 0	..	..	6 0	136	379
11. Tongala-Stanhope	76,148	47,622	48,048	..	48,978	1 0	..	..	6 0	1,074	3,105
12. Tragowel Plains	218,124	148,761	31,192	..	44,260	1 0	0 6	..	7 0	690	814
Totals	1,253,524	670,437	271,837	..	571,489	..	..	..	..	7,138	18,868

VALUATIONS, RATES, IRRIGATION CHARGES, AND FLOOD 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, 1949.			Compulsory Irrigation Charge per Acre-foot of Water Right, Season 1948–49.	Number of Assessments.	Estimated Number of Persons Dwelling in District.
						Divisions.					
					Valuation by Commission.	1st.	2nd.	3rd.			
				£	£	s. d.	s. d.	s. d.	s. d.		
IRRIGATION AND WATER SUPPLY DISTRICTS—*continued.*											
Supplied from Yarrawonga Weir.											
13. MURRAY VALLEY ..	268,389	111,527	45,612	..	54,825	1 0	0 6	0 3	10 0	588	1,767
Supplied from Torrumbarry System.											
14. COHUNA	85,025	44,581	49,196	..	45,898	1 0	0 6	..	6 0	688	1,642
15. FISH POINT ..	6,327	3,756	1,845	..	1,533	1 0	..	..	6 0	34	53
16. KERANG	88,400	55,435	21,407	..	17,983	1 0	0 6	0 3	6 0	422	740
17. Koondrook ..	82,677	24,472	24,522	..	23,997	1 0	0 6	0 3	6 0	446	1,080
18. MYSTIC PARK ..	20,274	7,805	2,677	..	3,337	1 0	..	..	6 0	84	108
19. SWAN HILL ..	37,165	22,259	25,877	..	30,977	1 0	..	..	6 0	679	2,005
20. THIRD LAKE ..	11,483	3,771	2,513	..	2,156	1 0	0 6	..	6 0	65	80
Totals	331,351	162,079	128,037	..	125,881	..	..	..	..	2,418	5,708
Supplied from Southern State Works.											
21. BACCHUS MARSH ..	6,705	3,327	3,327	254,971	17,341	1 0	0 6	..	22 6	230	669
22. MAFFRA–SALE ..	52,905	23,147	23,163	1,011,901	86,610	1 0	0 6	0 3	10 0	487	2,124
23. WERRIBEE ..	9,703	8,148	8,149	290,911	33,888	1 0	0 6	..	12 0	266	1,549
Totals	69,313	34,622	34,639	..	137,839	..	..	..	..	983	4,342
Supplied direct from River Murray.									For each 2½ acre-feet		
24. NYAH	3,839	2,702	7,315	..	9,527	0 6	..	..	68 4	240	840
									For each 3 acre-feet		
25. MERBEIN ..	10,506	7,615	23,279	..	49,704	0 6	..	..	85 0	561	2,000
26. RED CLIFFS ..	30,965	11,284	33,993	..	82,037	0 6	0 3	0 1½	85 0	945	3,300
Totals	45,310	21,601	64,587	..	141,268	..	..	..	..	1,746	6,140
Supplied on a Sale of Water Basis.									Unit charge per acre-foot for water supplied as Sales		
27. CAMPASPE ..	19,725	..	..	..	8,871	2 0	1 0	..	6 0	146	116
28. TRESCO	3,482	2,000	..	..	3,529	2 6	1 3	..	28 0	184	245
Totals	23,207	2,000	..	..	12,400	..	..	..	..	330	361
Totals (Irrigation)	1,991,094	1,002,266	544,712	..	1,043,702	..	..	..	..	13,203	37,186

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

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, 1949.			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 DISTRICTS.								
Supplied from Wimmera-Mallee System.	£	£	s. d.	s. d.	s. d.	£ s. d.		
29. BIRCHIP	..	41,962	2 6	1 3	0 7½	10 13 4	680	900
30. HINDMARSH	..	8,542	2 6	..	0 7½	10 13 4	50	236
31. KARKAROOC	680,274	129,985	3 0	1 6	0 9	10 13 4	1,297	4,500
32. LONG LAKE	..	72,317	3 4	1 8	0 10	10 13 4	812	2,050
33. SEA LAKE	..	63,881	3 4	..	0 10	10 13 4	702	1,720
34. TYNTYNDER	..	48,142	3 4	1 8	0 10	10 13 4	1,007	1,900
35. TYRRELL	..	39,100	3 4	1 8	0 10	10 13 4	832	2,400
36. TYRRELL WEST	..	56,543	3 4	1 8	0 10	10 13 4	1,371	3,000
37. UPPER WESTERN WIMMERA	..	61,451	1 8	0 10	0 5	10 13 4	451	1,676
38. UPPER WIMMERA UNITED	893,507	115,981	1 8	0 10	0 5	10 13 4	827	2,250
39. WESTERN WIMMERA	..	233,218	1 6	0 9	0 4½	..	2,180	8,474
40. WIMMERA UNITED	..	315,335	1 1	0 6½	0 3¼	10 13 4	1,932	6,935
41. WYCHEPROOF	..	76,075	2 6	1 3	0 7½	10 13 4	988	2,300
42. WYCHITELLA	834,124	47,769	2 1	..	0 6½	10 13 4	502	479
Totals	..	1,310,301	..	..	..	..	13,681	38,820
Supplied direct from River Murray.								
43. CARWARP	..	4,545	3 4	1 8	0 10	10 13 4	163	90
44. CARWARP CENTRAL	..	784	3 4	1 8	..	10 13 4	17	30
45. COREENA	..	5,225	3 4	1 8	0 10	10 13 4	153	200
46. MILLEWA	..	14,533	3 4	1 8	0 10	10 13 4	418	404
47. MILLEWA CENTRAL	44,702	9,552	3 4	1 8	0 10	10 13 4	288	321
48. YELTA	..	1,780	3 4	..	0 10	10 13 4	41	18
Totals	..	36,419	..	..	..	..	1,080	1,063
Supplied by Bores.								
49. WALPEUP WEST	..	46,739	1 0	0 6	..	5 6 8	1,030	1,750
Supplied from Coliban System.								
50. AXE CREEK	..	1,626	2 0	..	..	..	64	250
51. HARCOURT	..	6,690	1 6	..	..	..	187	600
Totals	..	8,316	..	..	..	..	251	850
Miscellaneous.								
52. EAST LODDON	..	19,135	1 0	0 6	0 3	..	264	192
53. KERANG NORTH-WEST LAKES	..	7,400	0 8	..	..	..	180	270
54. LODDON	..	28,472	1 4	0 8	0 4	..	302	302
55. NORMANVILLE	..	25,594	2 0	1 0	0 6	10 13 4	257	319
56. WERRIBEE	68,178	5,703	2 0	..	..	..	62	120
57. WEST LODDON	..	28,301	1 0	0 6	0 3	..	292	331
Totals	..	114,605	..	..	..	..	1,357	1,534
Totals (Waterworks)	..	1,516,380	..	..	..	..	17,399	44,017

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, 1949.	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.*		
58. ANGLESEA	3,545	2 4	50 0	10 0	1 0 1 0	194	275
59. BARWON HEADS AND OCEAN GROVE	18,132	2 0	40 0	10 0	1 0 1 0	844	1,200
60. BIRREGURRA	2,838	2 4	50 0	10 0	1 0 1 0	135	450
61. DRYSDALE	3,908	2 0	50 0	10 0	1 0 1 0	156	500
62. PORTARLINGTON	5,030	2 4	50 0	10 0	1 0 1 0	262	700
63. QUEENSCLIFF AND POINT LONSDALE	39,048	2 0	40 0	10 0	1 0 1 0	815	3,250
64. TORQUAY	8,664	2 4	50 0	10 0	1 0 1 0	382	600
Totals	81,165	..	..	..	.. ..	2,788	6,975
Supplied from Mornington Peninsula System.							
65. BERWICK	8,175	1 5	30 0	10 0	1 0 1 0	280	984
66. BITTERN	815	2 2	40 0	10 0	1 0 1 0	71	110
67. BUNYIP	3,906	1 8	33 4	10 0	1 0 1 0	145	459
68. CHELSEA-FRANKSTON	237,552	1 4	20 0	10 0	1 0 1 0	7,440	21,548
69. CRANBOURNE	5,076	1 4	20 0	10 0	1 0 1 0	153	312
70. CRIB POINT	4,422	2 2	40 0	10 0	1 0 1 0	311	670
71. DANDENONG–SPRINGVALE	170,525	1 3	20 0	10 0	1 0 1 0	5,064	11,137
72. DROMANA–PORTSEA	97,478	2 2	40 0	10 0	1 0 1 0	3,162	4,500
73. GARFIELD	2,666	1 8	33 4	10 0	1 0 1 0	89	308
74. HASTINGS	4,202	2 2	40 0	10 0	1 0 1 0	197	580
75. LONGWARRY	3,353	1 8	33 4	10 0	1 0 1 0	123	324
76. MORNINGTON	67,193	1 4	20 0	10 0	1 0 1 0	1,401	3,500
77. PAKENHAM	6,797	1 8	33 4	10 0	1 0 1 0	214	832
78. SOMERVILLE	3,551	2 2	40 0	10 0	1 0 1 0	88	360
79. SOUTH FRANKSTON	25,169	1 6	40 0	10 0	1 0 1 0	478	1,100
Totals	640,880	..	..	..	.. ..	19,216	46,724
Supplied from Otway System.							
80. ALLANSFORD	1,203	2 6	50 0	10 0	1 0 1 0	64	180
81. CAMPERDOWN	32,123	2 6	50 0	10 0	1 0 1 0	973	2,920
82. COBDEN	9,457	2 6	50 0	10 0	1 0 1 0	322	880
83. TERANG	23,231	2 6	50 0	10 0	1 0 1 0	694	2,120
Totals	66,014	..	..	..	.. ..	2,053	6,100
Supplied from Wimmera–Mallee System.							
84. ANTWERP	214	2 4	50 0	10 0	1 4 1 0	25	46
85. BERRIWILLOCK	1,265	3 6	50 0	10 0	1 0 1 0	80	180
86. BEULAH	3,431	2 0	40 0	10 0	1 0 1 0	196	450
87. BIRCHIP	5,567	3 0	50 0	10 0	1 0 1 0	326	770
88. BRIM	957	2 4	50 0	10 0	1 0 1 0	67	200
89. CHILLINGOLLAH	240	3 6	50 0	10 0	1 4 1 0	31	30
90. CHINKAPOOK	644	3 6	50 0	10 0	1 4 1 0	33	100
91. CULGOA	1,179	2 4	50 0	10 0	1 0 1 0	62	160
92. DIMBOOLA	18,176	1 4	20 0	10 0	1 0 1 0	614	1,776
93. DOOEN	169	1 4	20 0	10 0	1 0 1 0	6	24
94. HOPETOUN	6,678	2 0	40 0	10 0	1 0 1 0	281	800
95. JEPARIT	9,038	1 5	30 0	10 0	1 0 1 0	297	878
96. JUNG JUNG	904	3 0	50 0	10 0	1 0 1 0	44	161
Carried Forward	48,462	..	..	..	.. ..	2,062	5,575

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, 1949.	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.							
Brought forward	£ 48,462	*s. d.*	*s. d.*	*s. d.*	*s. d.*	*s. d.*	2,062	5,575
97. LALBERT	708	3 6	50 0	10 0	1 0	1 0	52	120
98. LASCELLES	778	3 6	50 0	10 0	1 0	1 0	71	150
99. MANANGATANG	2,442	2 4	50 0	10 0	1 4	1 0	113	300
100. MARNOO	1,085	2 4	50 0	10 0	1 0	1 0	44	300
101. MINYIP	6,148	1 10	40 0	10 0	1 0	1 0	253	700
102. NANDALY	311	3 6	50 0	10 0	1 4	1 0	34	100
103. NATIMUK	3,148	1 4	20 0	10 0	1 0	1 0	149	545
104. NULLAWIL	698	3 6	50 0	10 0	1 4	1 0	44	95
105. OUYEN	8,969	2 6	50 0	10 0	1 4	1 0	384	1,000
106. PATCHEWOLLOCK	672	2 4	50 0	10 0	1 4	1 0	63	165
107. PIMPINIO	299	0 4	..	..	..	..	25	68
108. QUAMBATOOK	2,759	1 11	20 0	10 0	1 0	1 0	154	460
109. RAINBOW	8,844	2 0	40 0	10 0	1 0	1 0	288	1,004
110. RUPANYUP	5,778	2 4	50 0	10 0	1 0	1 0	201	700
111. SEA LAKE	7,144	1 6	30 0	10 0	1 0	1 0	279	700
112. SPEED	431	3 6	50 0	10 0	1 4	1 0	21	60
113. TEMPY	263	2 6	50 0	10 0	1 4	1 0	32	90
114. ULTIMA	2,018	3 0	50 0	10 0	1 0	1 0	142	260
115. WAITCHIE	126	3 6	50 0	10 0	1 4	1 0	31	30
116. WALPEUP	847	3 0	50 0	10 0	1 4	1 0	57	140
117. WATCHEM	1,813	3 0	50 0	10 0	1 0	1 0	116	235
118. WOOMELANG	1,819	2 4	50 0	10 0	1 0	1 0	136	310
119. WOORINEN	1,303	3 6	50 0	10 0	1 0	1 0	61	180
120. WYCHEPROOF	6,934	2 3	40 0	10 0	1 0	1 0	254	700
121. YAAPEET	305	3 6	50 0	10 0	1 4	1 0	29	70
Totals	114,104	..	..	..	..	..	5,095	14,057
Supplied from Torrumbarry System.								
122. COHUNA	15,021	1 4	20 0	10 0	1 0	1 0	438	1,105
123. KOONDROOK	2,646	3 0	50 0	10 0	1 0	1 0	228	480
124. LEITCHVILLE	2,480	2 4	50 0	10 0	1 0	1 0	104	239
125. MURRABIT	300	3 6	50 0	10 0	1 4	1 0	26	50
Totals	20,447	..	..	..	..	..	796	1,874
Supplied direct from River Murray.								
126. CARWARP	96	3 0	50 0	10 0	1 4	1 0	14	15
127. LAKE BOGA	2,679	3 0	50 0	10 0	1 0	1 0	169	365
128. MERBEIN	11,169	1 10	40 0	10 0	1 0	1 0	429	1,500
129. MERINGUR	284	3 0	50 0	10 0	1 8	1 0	24	50
130. NYAH	1,616	1 10	40 0	10 0	1 0	1 0	72	160
131. NYAH WEST	6,010	1 10	40 0	10 0	1 0	1 0	166	420
132. PIANGIL	1,118	2 6	50 0	10 0	1 0	1 0	84	130
133. RED CLIFFS	18,594	1 4	20 0	10 0	1 0	1 0	482	2,000
134. WERRIMULL	764	3 0	50 0	10 0	1 8	1 0	58	105
Totals	42,330	..	..	..	..	..	1,498	4,745
Miscellaneous.								
135. BACCHUS MARSH	17,350	1 4	20 0	10 0	1 0	1 0	594	1,936
136. COROP	150	2 0	40 0	10 0	1 0	1 0	21	68
137. DINGEE	353	3 6	50 0	10 0	1 0	1 0	18	52
138. HEYFIELD	3,442	3 0	50 0	10 0	1 0	1 0	151	480
139. LOCKINGTON	2,055	2 0	40 0	10 0	1 0	1 0	94	190
140. MARONG	824	3 0	50 0	10 0	1 0	1 0	53	300
141. MITIAMO	841	3 6	50 0	10 0	1 0	1 0	53	115
142. NEWSTEAD	3,266	3 0	50 0	10 0	1 0	1 0	154	400
Carried forward	28,281	..	..	..	..	..	1,138	3,541

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, 1949.	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	28,281						1,138	3,541
143. PYRAMID HILL	3,555	1 6	30 0	10 0	1 0	1 0	151	458
144. STANHOPE	2,083	1 6	30 0	10 0	1 0	1 0	75	320
145. WONTHAGGI	46,078	1 6	30 0	10 0	1 0	1 0	1,738	5,348
Totals	79,997	..	..	..	..	..	3,102	9,667
COLIBAN SYSTEM.								
	Municipal Valuation.				Rate Allowance.	Excess.		
146. COLIBAN	455,899	1 6	20 0	10 0	1 0	1 0	14,735	61,000
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)	1,500,836	..	..	..	..	..	49,283	151,142

District.	Unimproved Capital Value.	Annual Value of Lands and Tenements.	Rate in the £1 made during Year ended 30th June, 1949.				Number of Assessments.	Estimated Number of Persons Dwelling in District.
DRAINAGE DISTRICTS.								
		Valuation by Commission.	Divisions. 1st.	2nd.	3rd.	4th.		
		£	s. d.	s. d.	s. d.	s. d.		
147. COHUNA	..	35,211	2 0	1 6	1 0	0 6	510	1,164
148. KERANG EAST	..	16,910	2 0	1 6	1 0	0 6	348	535
149. MAFFRA–SALE	..	29,238	2 0	1 6	1 0	0 6	254	1,117
150. MERBEIN	..	43,415	1 6	..	0 9	..	408	1,800
151. MURRABIT	..	3,364	2 0	..	..	..	78	260
152. NYAH	..	3,514	1 6	..	0 9	0 4½	188	640
153. RED CLIFFS	..	71,514	1 6	..	..	..	628	2,900
154. ROCHESTER	605,839	44,799	2 0	1 6	1 0	0 6	459	1,599
155. RODNEY	..	18,198	2 0	1 6	1 0	0 6	302	875
156. SHEPPARTON	853,808	75,003	2 0	1 6	1 0	0 6	830	3,339
157. TONGALA–STANHOPE	..	51,162	2 0	1 6	1 0	0 6	994	2,603
158. WERRIBEE	302,661	35,099	0 8	0 6	0 4	0 2	274	1,499
159. WOORINEN	..	10,359	2 0	..	..	..	229	420
Totals	..	437,786	..	..	..	..	5,502	18,751
		Unimproved Capital Value.						
160. CARRUM	..	417,656	0 3	0 2¼	0 1½	0 0¾	4,660	5,000
			(with a minimum amount of rate of 2s. per tenement)					
Totals (Drainage)	..	437,786 (N.A.V.) 417,656 (U.C.V)					10,162	23,751

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

District.	Annual Value of Lands and Tenements.	Rate in the £1 made during Year ended 30th June, 1949.				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.*		
161. LOWER KOOWEERUP	57,285	2 0	1 6	1 0	0 6	1,004	3,000
	Area in Acres.	Charge per Acre made during Year ended 30th June, 1949.					
		s. d.	*s. d.*	*s. d.*	*s. d.*		
162. CARDINIA	26,671	3 2	2 4½	1 7	0 9½	281	800
163. KANYAPELLA	12,650	0 3	..	0 1½	..	43	69
164. LOCH GARRY	41,678	0 2	..	..	..	110	181
Totals (Flood Protection) ..	80,999	..	..	..	..	1,438	4,050

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 12s. 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 per annum where the area irrigated is not greater than 3⅓ acres or, 12s. per acre per annum where the area irrigated exceeds 3⅓ acres. In the Wimmera United Waterworks District the minimum annual payment for any one holding is 12s. 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. 3875 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.	Recoups on Account of Payments from Revenue.	Interest on Lands Sold, Plant and Machinery Account.	Total.
	£	£	£	£
1946–47.. ..	759,896	159,451	7,629	926,976
1947–48.. ..	826,088	224,440	13,105	1,063,633
1948–49.. ..	902,156	284,157	15,143	1,201,456
Grand Totals ..	2,488,140	668,048	35,877	3,192,065

The assessment for the year 1948–49 for rates and charges was £640,374 ; additional amounts collectable for sales of water, interest on arrears, &c., but excluding recoups (£284,157) were £229,788. The actual sum collected by way of rates and charges including arrears was £902,156, and represents an equivalent of 104 per cent. of the new money collectable (£870,162).

An amount of £23,951 was written off the books of the Commission for the financial year 1948–49, as compared with £25,391 for the previous year. The total amount written off for the thirteen years ended 30th June, 1949, under the various headings as shown hereunder was £620,633.

	£
Farmers' Debts Adjustment Act 1935 (No. 4326)	86,960
Adjustment of arrears of rates and charges and irrecoverable amounts—Act No. 4513 ..	163,819
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	8,468
Unoccupied or vacated Crown lands	183,700
Reduction in rating classifications other than applicable to Act No. 5017	11,853
Concessions granted to water-users	44,869
Miscellaneous, including remission of interest accrued on Consolidated Arrears (Act No. 4740) subsequent to 30th June, 1940	39,447
	620,633

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, 1949, was £112,593. 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, 1949, through default in payment of instalments, amounted to £10,311.

The arrears of rates and charges were reduced from £327,218 as at 1st July, 1948, to £271,321 as at 30th June, 1949—this figure includes the balance £112,593 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 1947–48 are set out hereunder :—

	1948–49.	1947–48.
	£	£
From Annual Vote Appropriation..	1,291,766	1,175,375
From Annual Vote Appropriation (Exceptional)	*26,799	27,394
From Surplus Revenue, Act No. 4968	726	*Cr.* 3,216
	1,319,291	1,199,553

* Includes £9,743 assistance to Sewerage Authorities where works are suspended; £14,967 subsidies to Sewerage Authorities in cases where the interest paid on Capital Liability is in excess of 3 per cent.; grant to a Sewerage Authority (£1,396); subsidies to local water authorities to offset losses in reduction of rates (£586); grant to a Waterworks Trust towards cost of exploratory boring (£107).

Total expenditure on works carried out or supervised by the Commission for the year 1948–49 was as set out hereunder :—

	£	£
Vote Funds	1,318,565	
Special Appropriation	4,830	
Surplus Revenue, Act No. 4968	726	
		1,324,121
Ordinary Loan Funds—		
Commission Works	1,799,366	
Waterworks Trusts and Local Governing Bodies	452,508	
		2,251,874
Water Supply Works Depreciation Fund		30,809
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.		3,606,804
Expenditure on Capital construction works was provided from :—		
Water Supply Loans Application Act No. 5239		732,952
Water Supply Loans Application Act No. 5334		1,518,922
		2,251,874
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		198,306
The total increase in Loan Liability for the year was therefore		2,450,180

The contribution by the Government of Victoria to the River Murray Commission for the maintenance of works under the River Murray Agreement was £19,150 (included in the expenditure from Annual Vote Appropriation as shown above). The actual expenditure by this Commission on the maintenance of these works was £10,966, and on construction of new works £704.

CAPITAL LIABILITY.

The Capital Loan Liability of the State for Works of Country Water Supply at 30th June, 1949, was £34,650,123, of which amount £30,841,732 is charged to the "Capital Expenditure borne by the State Account". Of the remainder £2,138,899 is charged to Waterworks Trusts and Local Governing Bodies, £515,212 is debited to the Plant and Machinery Account, and the balance £1,154,280, 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 £3,747,902 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 1947–48, £3 8s. 1d. and for 1948–49, £3 6s. 11d.

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	1,193,467	0	1
Exchange on overseas interest	97,223	2	8
Loan Conversion expenses	7,445	10	9
	1,298,135	13	6

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 1948–49 in relation to the Capital Liability.

Capital Debited to—	Capital Liability as at 30th June, 1949.	Interest Liability (excluding Exchange and Loan Conversion Expenses).	Interest Paid by Water Users.
	£	£ s. d.	£ s. d.
Districts and Divisions under the direct control of the Commission	1,154,280	39,208 12 8	28,216 8 7
Waterworks Trusts and Local Governing Bodies ..	2,138,899	73,830 12 3	70,449 9 0
Plant and Machinery Account	515,212	14,756 4 0	14,756 4 0
Capital Expenditure borne by the State Development Account	30,841,732	1,065,671 11 2	..
	34,650,123	1,193,467 0 1	113,422 1 7

HEADWORKS.

By virtue of the provisions of Water Act No. 5375, works which were formerly designated " Free Headworks " are included with other works of a National character in the State Development Account as from 1st July, 1948.

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, Stationary, 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, 1948, was £456,674 5s. 3d. An amount of £60,553 0s. 10d. was raised during the financial year 1948–49 for purposes of depreciation.

In addition, a sum of £456 18s. 11d. was paid direct to the credit of the Fund, being amounts contributed by landholders and other bodies as capitalized maintenance of water supply works constructed for their respective benefits.

After crediting the Account with interest amounting to £10,604 2s. 5d. and deducting the expenditure (£30,808 11s. 9d.) from Depreciation for the year, the balance remaining in the Account as at 30th June, 1949, was £497,479 15s. 8d.

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 amount was transferred to the Water Supply Works Depreciation Fund during the year 1948–49. It is desirable that regular transfers be made to the Fund to avoid fluctuations in the Commission's net revenue each year.

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 value of large size moveable Plant and Machinery, held in the Plant and Machinery Account as at 30th June, 1949, was £515,211 13s. 9d.

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 £92,975.

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 £165,177 12s. 1d., as at 30th June, 1949, as against a credit of £167,344 2s. 7d. in the Water Supply Plant and Machinery Account in the Commission's books. The difference represents interest credited to the account in the Commission's books and not yet paid to the Fund by the Treasury.

The value of stores and equipment in the Water Supply Stores Suspense Account as at 30th June, 1949, was £371,316 0s. 7d. The net amount charged to the Account was £300,012 17s. 9d., and the difference (£71,303 2s. 10d.) is accounted for as follows:—

	£	s.	d.
Amount at credit of operating account in respect to major items of plant controlled in the Plant and Machinery Account	92,975	2	10
Less Amount at debit of operating account in respect to motor vehicles and minor items of plant	21 672	0	0
	71,303	2	10

The net debit for plant and materials held by the Commission as at 30th June, 1949, is £1,483,429 17s. 0d., and is controlled within funds provided from the following sources:—

	£	s.	d.	£	s.	d.
Water Supply Stores Suspense Account (Act No. 5253)				300,012	17	9
Water Supply Loans Application Acts—						
Rocklands Reservoir (Suspense Account)	256,098	0	0			
Glenelg River Works (Suspense Account)	670	8	2			
Eildon Reservoir Enlargement (Suspense Account) ..	640	2	4			
Cairn Curran Reservoir (Suspense Account)	91,619	17	8			
Central Gippsland Irrigation Project (Suspense Account) ..	53,329	8	2			
Robinvale Irrigation District (Suspense Account) ..	38,095	2	7			
Murray Valley Irrigation District (Suspense Account) ..	38,711	4	1			
				479,164	3	0
Plant and Machinery Account (Act No. 4761)				515,211	13	9
				1,294,388	14	6

REVENUE EXPENDITURE CHARGEABLE TO THE STATE ACCOUNT.

The Commission, by direction of the Governor in Council, has throughout 1948–49 continued the operation of 5 Irrigation Districts, 20 Waterworks Districts, 47 Urban Districts, 6 Urban Divisions, and 13 Drainage Districts, 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 1948-49 was £159,722, making a total of £1,784,875 borne by the State since 1st July, 1938.

In 41 of these districts an aggregate cash surplus of revenue over expenditure of £24,950 was obtained. This amount was applied to Interest (£2,268), Redemption (£127), and Depreciation (£6,097), leaving a sum of £16,458 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, 1948-49.

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 1948-49, however, in respect of the districts listed hereunder, resulted in an excess of expenditure over revenue to the extent of £71,017. 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 (13).

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

Urban Divisions and Districts (38).

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

Drainage Districts (1).

Carrum

* Not yet supplied with water.

"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 (5).

Fish Point	Merbein	Tresco
Nyah	*Red Cliffs	

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	Manangtang	*Quambatook	*Yaapeet
Chinkapook			

Drainage Districts (13).

*Cohuna	Murrabit	*Rochester	Tongala–Stanhope
*Kerang East	*Nyah	*Rodney	Werribee
Maffra–Sale	*Red Cliffs	*Shepparton	Woorinen
*Merbein			

In districts marked "*" the operations for 1948–49 resulted in an aggregate cash surplus of £24,950. Of this amount, a sum of £8,492 has been applied to depreciation account redemption and interest.

	£
The amount debited to "The Revenue Expenditure chargeable to the State Account" in respect of Districts maintained during 1948–49 by direction of the Governor in Council, in which the Revenue was insufficient to meet operating costs, was	159,722

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 of Waterworks Trusts and Sewerage Authorities, Administration in respect of expenditure 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 1948–49, and paid from the Commission's Vote Appropriation, was	349,906
From this amount may be deducted miscellaneous revenue collected in respect to diversion permits, rents, recoup payments, &c.	332,272
Net Cost to State of National Services 1948–49 (page 64) ..	17,634

No 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 1948–49 that the net cost to the State for the year in connexion with country water supply which has been met from general revenue was £1,342,708. 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 £214,282, before-mentioned, being the deficiency £143,265) 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 £71,017 on other Commission Districts.

A summary of the total cost (£1,342,708) 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	71,017	
Net loss on "Order in Council" Districts	143,265	
		214,282
Cost of "National Service"	349,906	
Less Miscellaneous Revenue Collected	332,272	
		17,634
Interest, Exchange, and Loan Conversion Expenses on Headworks and Capital borne by the State	1,173,721	
Less Interest on Land sold, &c.	387	
		1,173,334
		1,405,250
Less amount paid to Revenue in respect of Depreciation (£60,553) and Redemption (£1,989)		62,542
		1,342,708

The net cost to the State (£1,342,708) was £66,780 less than the comparable figure for the previous year. The decreased cost is largely accounted for by the fact that no portion of the revenue in respect of 1948–49 was transferred by the Treasury to the Water Supply Works Depreciation Fund. Operating expenses increased by £119,739 in comparison with the previous year and revenue from water sales was £12,146 more than in 1947–48.

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 the year under review.

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 (£1,342,708) borne by the community for the year 1948–49 is equivalent to 13s. 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, 1948–49

——	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	17,071 10 5	529 1 10	1,455 0 0†	120 0 0	..	19,175 12 3
Coliban Works	60,148 1 7	9,977 12 1	7,755 0 0	478 0 0	..	78,358 13 8
Irrigation Districts	445,318 18 5	..	14,376 0 0	6,597 0 0	..	466,291 18 5
Irrigation Urban Divisions ..	7,429 18 8	508 15 8	785 10 5	..	35 7 10	8,759 12 7
Waterworks Districts	314,692 17 11	8,095 13 4	8,871 0 0	2,222 0 0	330 0 2	334,211 11 5
Waterworks Urban Districts ..	77,814 3 0	20,097 9 9	15,468 10 5	589 0 0	1,623 6 1	115,592 9 3
Flood Protection Districts ..	14,314 10 4	..	..	102 0 0	..	14,416 10 4
Drainage Districts	56,614 17 6	..	1,722 0 0	12 0 0	..	58,348 17 6
	993,404 17 10*	39,208 12 8	50,433 0 10	10,120 0 0	1,988 14 1	1,095,155 5 5
Expenditure not chargeable to Districts—						
River Murray Commission, Recoupable and other items ..	325,885 16 10	..	..	..	..	325,885 16 10
	1,319,290 14 8	39,208 12 8	50,433 0 10	10,120 0 0	1,988 14 1‡	1,421,041 2 3

* Inclusive of Grant from Surplus Revenue, £725 18 11: † Includes £485 0 0 for year 1947–48:
‡ Exclusive of Redemption paid in respect of Plant and Machinery Account, £1,218 18 5.

Receipts, 1948–49.

——	Total Receipts.	Less Transfer to Depreciation Fund.	Contribution from Irrigation to Drainage Districts.	Total Collections Paid to Consolidated Revenue.	Excess.	
					Receipts over Disbursements.	Disbursements over Receipts.
	£ s. d.	£ s. d.	£ s. d.	£ s. d.	£ s. d.	£ s. d.
Central Plant Workshops—Bendigo	1,667 2 5	..	..	1,667 2 5	..	17,508 9 10
Coliban Works	62,094 7 3	..	..	62,094 7 3	..	16,264 6 5
Irrigation Districts	394,008 5 8	..	*Cr.* 19,291 0 0	374,717 5 8	..	91,574 12 9
Irrigation Urban Divisions ..	8,647 16 3	..	..	8,647 16 3	..	111 16 4
Waterworks Districts ..	239,541 6 10	..	..	239,541 6 10	..	94,670 4 7
Waterworks Urban Districts ..	127,629 14 7	..	..	127,629 14 7	12,037 5 4	..
Flood Protection Districts ..	9,311 10 11	..	..	9,311 10 11	..	5,736 19 5
Drainage Districts	37,247 4 9	..	*Dr.* 19,291 0 0	56,538 4 9	..	2,033 12 9
	880,147 8 8	..	..	880,147 8 8	12,037 5 4	227,900 2 1
Recoups of amount paid from Revenue	274,106 3 4	..	..	274,106 3 4	..	50,924 13 6
Diversions, and Miscellaneous..	32,059 16 10	..	..	32,059 16 10	32,059 16 10	..
	1,186,313 8 10	..	..	1,186,313 8 10	44,097 2 2	278,824 15 7

SUMMARY OF OPERATIONS FOR YEAR 1948-49.

Receipts.		*Expenditure.*		(Result.)
COMMISSION DISTRICTS.				
	£ s. d.		£ s. d.	£ s. d.
Rates and Charges	880,147 8 8	Vote Funds	992,678 18 11	
Surplus Revenue	725 18 11	Surplus Revenue	725 18 11	
			993,404 17 10	
Surplus Revenue refunded		Interest charged on Capital borne by Districts	39,208 12 8	
Deficiency	151,740 2 11			*Dr.* 151,740 2 11
	1,032,613 10 6		1,032,613 10 6	
OTHER WORKS AND SERVICES. *Diversions, Grazing Rentals, etc.*				
Permit and Licence Fees and Charges, Grazing Rentals, etc.	32,059 16 10	Surplus	32,059 16 10	*Cr.* 32,059 16 10
	32,059 16 10		32,059 16 10	
Construction, Administration and Works for Other Authorities and Water Users.				
On-cost received	137,672 10 1	Administration	103,003 5 5	
Recoups of Expenditure	136,183 13 3	Expenditure Recoupable ..	138,885 14 9	
		Surplus	31,967 3 2	*Cr.* 31,967 3 2
	273,856 3 4		273,856 3 4	
River Murray, Sewerage and Miscellaneous National Services.				
Recoup of Expenditure	250 0 0	Commissioners' Salaries ..	4,830 14 11	
Grants to Sewerage Authorities	26,106 0 10	River Murray, Sewerage and Trusts	45,949 1 7	
		Miscellaneous National Services..	38,047 15 1	
		Pensions and Gratuities ..	19,189 1 9	
Deficiency	81,660 12 6			*Dr.* 81,660 12 6
	108,016 13 4		108,016 13 4	
Net Cost to the State for Works and Services of a National Character				*Dr.* 17,633 12 6
Capital Charges.				
Interest Paid by Trusts	70,449 9 0	Interest, Exchange and Loan		
,, from Plant Hire, &c.	15,143 7 4	Conversion Expenses ..	1,298,135 13 6	
,, charged to Commission Districts ..	39,208 12 8			
Deficiency	1,173,334 4 6			*Dr.* 1,173,334 4 6
	1,298,135 13 6		1,298,135 13 6	
Total Expenditure Borne by the State			.. ..	1,342,707 19 11

ANALYSIS OF EXPENDITURE BORNE BY THE STATE, 1948-49.

	£ 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	.. ..	19,150 0 0
Assistance to Sewerage Authorities—		
Where suspension of Works is being continued	9,742 17 2	
In cases where the Interest paid on Capital Liability is in excess of the rate 3 per cent.	14,967 1 5	
Grant to Kerang Sewerage Authority	1,396 2 3	
		26,106 0 10
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	
Grant to Chiltern Waterworks Trust towards cost of exploratory Bore for improvement of Town Supply	107 3 9	
		693 0 9
Miscellaneous Services—		
Administration Waterworks Trusts and Sewerage Authorities, &c.	4,112 19 3	
Administration Farm Water Supplies (Act No. 5020)	3,324 10 4	
Irrigation Branch	2,734 7 3	
Maintenance of suspended Works	618 16 4	
Travelling, Minister and Commissioners	1,391 6 9	
Minister's staff, salaries and Pay Roll Tax, Commissioners' Cost of Living Allowances and Pay Roll Tax	2,059 6 7	
Free Water for Research, Free Places Melbourne University, Library, Publicity, &c.	8,641 16 7	
Rivers and Reclamation Division, River Gaugings, Diversions, Land Leasing, Surveys and Reports, Underground Water and Mining Investigations	15,164 12 0	
		38,047 15 1
Administration in respect to Expenditure from other Funds and Works carried out for other Authorities (including Salaries, Pay Roll Tax, &c.)	.. ..	103,003 5 5
Works carried out for Other Authorities and Water Users, and Salaries charged to construction Projects, Recoupable	.. ..	138,885 14 9
TOTAL (from Vote Funds)	.. ..	325,885 16 10
Commissioner's Salaries (Special appropriation)	.. ..	4,830 14 11
TOTAL Expenditure on Services of a National Character	.. ..	330,716 11 9
Amount debited by Treasury for Pensions and Gratuities	.. ..	19,189 1 9
		349,905 13 6
Less Revenue received from Headworks, Diversion Permits, &c., £32,059 16 10; On cost of Expenditure from Other Funds, £137,672 10 1; Recoups, £136,183 13 3	305,916 0 2	
„ Special Recoup, Commissioner's Salaries	259 0 0	
„ Grants by State, Assistance to Sewerage Authorities	26,106 0 10	
		332,272 1 0
Nett cost to the State for Services of a National Character	.. ..	17,633 12 6
Interest on Capital Expenditure on Free Headworks and other Capital Expenditure borne by the State	1,065,671 11 2	
Exchange on Overseas Interest Payments	97,223 2 8	
Loan Conversion Expenses	7,445 10 9	
Arrears of Interest owing by Waterworks Trusts and Other Corporations, 1948–49	3,381 3 3	
	1,173,721 7 10	
Less Interest on Lands Sold, &c.	387 3 4	
		1,173,334 4 6
Commission Districts—		
Districts, the Capital Liability of which have been adjusted under Acts Nos. 4513 and 5017—		
Excess Expenditure over Revenue, after allowing for Depreciation, £25,480 0s. 10d., and Redemption, £1,861 15s. 2d.	42,399 1 9	
Current Interest—		
Paid	25,948 8 5	
Forward Unpaid	2,670 1 3	
	28,618 9 8	
	Dr. 71,017 11 5	
Districts supplied by direction of Governor in Council, but which show excess Revenue over Operating Costs after allowing for Depreciation, £6,096 16s. 9d., and Redemption, £126 18s. 11d.—		
Surplus	18,725 14 10	
Less Current Interest Paid	2,268 0 2	
	Cr. 16,457 14 8	
	Dr. 54,559 16 9	
Excess Expenditure in Districts supplied by direction of Governor in Council and showing excess Expenditure over Revenue inclusive of Interest, £8,322 2s. 10d., and Depreciation, £28,976 3s. 3d.	159,722 1 1	
	214,281 17 10	
Add amounts transferred to Water Supply Works Depreciation Fund in Treasury on Account of moneys paid to Revenue and interest credited to Depreciation Account	..	
	214,281 17 10	
Deduct amounts paid to Revenue in respect of Depreciation on Works and Buildings, £60,553 0s. 10d. and Redemption, £1,988 14s. 1d.	62,541 14 11	
		151,740 2 11
Net Expenditure borne by the State	.. ..	1,342,707 19 11

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

CAPITAL EXPENDITURE 1948-49.

	£ s. d.	£ s. d.	£ s. d.
Expenditure during the year on Capital Works of Water Supply—			
Ordinary Loan Funds (Details, pages 102, 103, 104)			2,251,873 9 11

LOAN CAPITAL LIABILITY.

Net Loan Liability of State for Works of Country Water Supply at 30th June, 1949			31,798,329 12 4
Represented by—			
Works at Debit of Authorities—			
Commission Districts	1,136,282 11 4		
Water Supply Plant and Machinery Account	515,211 13 9		
Plant Workshops	17,998 2 7		
Waterworks Trusts and Local Governing Bodies	2,138,899 0 6		
		3,808,391 8 2	
Capital Expenditure Borne by the State—			
Headworks not apportionable to Districts	1,242,116 6 2		
Capital Works and Charges not apportionable to Districts	2,367,726 8 3		
Headworks and Distributory Works	25,191,550 6 5		
Waterworks Trusts and Local Governing Bodies	1,897,982 9 0		
Free Grants to Local Authorities in early years	142,356 4 11		
		30,841,731 14 9	
Net Loan Capital Liability of Commission's Districts, Divisions, and Works under Control of the Commission		34,650,123 2 11	
Less Amount from National Debt Sinking Fund, being the difference between redemption recoup contributions paid by Districts, Waterworks Trusts, &c. (£493,411 7s. 8d.) and the amount (£3,747,902 7s. 2d.) contributed from Consolidated Revenue to the National Debt Sinking Fund (page 105)		3,254,490 19 6	
		31,395,632 3 5	
Add Cash on Hand at Treasury		402,697 8 11	
Net Liability Country Water Supply Capital Account in Treasury			31,798,329 12 4

INTEREST AND EXCHANGE.

The Total Interest on the Loan Liability for 1948-49 is			1,193,467 0 1
To which is to be added—			
Exchange payable on Overseas Interest			97,223 2 8
Loan Conversion Expenses			7,445 10 9
			1,298,135 13 6
Interest Debitable to—			
Works at Debit of Authorities—			
Commission Districts	39,208 12 8		
Trusts	73,830 12 3		
Water Supply Plant and Machinery Account	14,756 4 0		
			127,795 8 11
Capital Expenditure Borne by the State—			
Headworks not apportionable to Districts	42,946 11 3		
Capital Works and Charges not apportionable to Districts	81,737 0 2		
Headworks and Distributory Works not debited to Districts	870,440 10 9		
Waterworks Trusts and Local Governing Bodies	65,538 15 11		
Free Grants to Local Authorities in early years	5,008 13 1		
			1,065,671 11 2
			1,193,467 0 1
Exchange, £97,223 2s. 8d. and Loan Conversion Expenses, £7,445 10s. 9d. not apportioned			104,668 13 5
			1,298,135 13 6

RECEIPTS AND DISBURSEMENTS.

STATEMENT of Moneys Received and Disbursed during the Year Ended 30th June, 1949.

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	1,667 2 5	..	1,667 2 5	17,071 10 5	..	17,071 10 5
Coliban Works	62,094 7 3	..	62,094 7 3	60,148 1 7	..	60,148 1 7
Irrigation Districts	394,008 5 8	..	394,008 5 8	444,595 0 6	723 17 11	445,318 18 5
Irrigation Urban Divisions	8,647 16 3	..	8,647 16 3	7,429 18 8	..	7,429 18 8
Waterworks Districts	239,541 6 10	..	239,541 6 10	314,692 17 11	..	314,692 17 11
Waterworks Urban District	127,629 14 7	..	127,629 14 7	77,814 3 0	..	77,814 3 0
Flood Protection Districts	9,311 10 11	..	9,311 10 11	14,314 10 4	..	14,314 10 4
Drainage Districts	37,247 4 9	..	37,247 4 9	56,612 16 6	2 1 0	56,614 17 6
	880,147 8 8	..	880,147 8 8	992,678 18 11	725 18 11	993,404 17 10
Other works and services, (not directly apportionable to Districts)—						
Diversions:— Rivers and Streams	12,963 8 11	..	12,963 8 11	..	..	..
Headworks	4,635 17 6	..	4,635 17 6	..	..	..
Miscellaneous, Grazing Rentals, &c.	14,460 10 5	..	14,460 10 5	..	..	..
	32,059 16 10	..	32,059 16 10	..	..	..
River Murray Commission	..	..	..	19,150 0 0	..	19,150 0 0
Assistance to Sewerage Authorities	..	..	..	26,106 0 10	..	26,106 0 10
Assistance to Waterworks Trusts	..	..	..	693 0 9	..	693 0 9
Miscellaneous National Services	..	..	..	38,047 15 1	..	38,047 15 1
Expenditure Recoupable	136,183 13 3	..	136,183 13 3	138,885 14 9	..	138,885 14 9
Administration in respect of Expenditure from other funds (including Salaries, Pay Roll Tax, &c.)	137,672 10 1	..	137,672 10 1	103,003 5 5	..	103,003 5 5
	273,856 3 4	..	273,856 3 4	325,885 16 10	..	325,885 16 10
Total—Other Works and Services	305,916 0 2	..	305,916 0 2	325,885 16 10	..	325,885 16 10
Total—Vote and Surplus Revenue	..	..	..	1,318,564 15 9	725 18 11	1,319,290 14 8
Commissioner's Salaries (Special Appropriation)	250 0 0	..	250 0 0	(a) 4,830 14 11	..	4,830 14 11
Grand Totals	1,186,313 8 10	..	1,186,313 8 10	1,323,395 10 8	725 18 11	1,324,121 9 7
Total Disbursements from Votes Surplus Revenue and Special Appropriation				..	..	1,324,121 9 7
Net Receipts paid to Consolidated Revenue				..	1,186,313 8 10	..
Grants from Revenue—						
To Assist Sewerage Authorities				26,106 0 10	..	..
Surplus Revenue				725 18 11	..	..
					26,831 19 9	..
						1,213,145 8 7
Deficiency from Commission's Operations				..	..	110,976 1 0
Amount not included in above Statement—						
Debits by Treasury for Pensions and Gratuities				..	19,189 1 9	..
Interest Paid:—By Waterworks Trusts and Local Governing Bodies, £70,449 9s. 0d.; Plant and Machinery Account, &c., £14,756 4s. 0d.; On Land Sold, £382 4s. 0d.; By Shepparton Drainage, £4 19s. 4d.				..	Cr. 85,592 16 4	Cr. 66,403 14 7
Deficiency chargeable to State exclusive of Interest, Exchange, and Loan Conversion Expenses				..	..	44,572 6 5
Interest, Exchange, and Loan Conversion Expenses				..	..	1,298,135 13 6
Total amount borne by the State				..	..	1,342,707 19 11

CENTRAL PLANT WORKSHOPS—BENDIGO.

CASH ACCOUNT.

District.	Receipts.		Expenditure.							Accumulated—		
			Year ended 30th June, 1949.									
	Receipts Year ended 30th June, 1949.	**Total to 30th June, 1949.**	Operating Costs.	Interest.	Redemption.	Depreciation.	Total.	**Total to 30th June, 1949.**	Excess Receipts over Expenditure 1948–49.	Excess Expenditure over Receipts 1948–49.	Surplus Credited to District Account at 30th June, 1949.	Deficiency Chargeable to District Account at 30th June, 1949.	Deficiency Chargeable to State Account at 30th June, 1949 (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	1,310 1 5	1,342 0 8	16,891 10 5	529 1 10	..	1,455 0 0	18,875 12 3	22,192 7 10	..	17,565 10 10	..	20,850 7 2	..
2. Residences (6) ..	357 1 0	357 1 0	180 0 0	..	..	120 0 0	300 0 0	300 0 0	57 1 0	..	57 1 0	..	..
Totals ..	1,667 2 5	1,699 1 8	17,071 10 5	529 1 10	..	1,575 0 0	19,175 12 3	22,492 7 10	57 1 0	17,565 10 10	57 1 0	20,850 7 2	..

COLIBAN SYSTEM.

CASH ACCOUNT.

STATEMENTS of Moneys received and disbursed from 1st July, 1905, to 30th June, 1949; also of Interest charged at the rates of 3·4047 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 1948–49

District.	Receipts.		Expenditure.							Accumulated—		
			Year ended 30th June, 1949.									
	Receipts year ended 30th June, 1949.	**Total 1905 to 30th June, 1949.**	Operating Costs.	Interest.	Depreciation.	Redemption.	Total.	**Total 1905 to 30th June, 1949.**	Excess Receipts over Expenditure, 1948–49.	Excess Expenditure over Receipts, 1948–49.	Surplus Credited to District Account at 30th June, 1949.	Deficiency Chargeable to District Account at 30th June, 1949.	Deficiency Chargeable to State Account at 30th June, 1949 (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	2,473 3 4	53,541 16 7	2,384 0 0	..	43 0 0	..	2,427 0 0	54,253 6 4	46 3 4	..	..	711 9 9	..
Totals ..	2,473 3 4	53,541 16 7	2,384 0 0	..	43 0 0	..	2,427 0 0	54,253 6 4	46 3 4	..	..	711 9 9	..

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	398 3 9	11,903 5 4	412 15 7	..	3 0 0	..	415 15 7	13,147 12 1	..	17 11 10	..	983 8 1	260 18 8
3. Coliban	59,057 17 4	1,855,293 8 6	57,200 0 4	9,976 16 11	8,147 0 0	..	75,323 17 3	2,780,873 5 8	..	16,265 19 11	..	13,729 8 9	911,850 8 5
4. Marong	165 2 10	3,294 15 7	151 5 8	15 2	40 0 0	..	192 0 10	3,743 10 0	..	26 18 0	..	210 8 10	238 5 7
Totals ..	59,621 3 11	1,870,491 9 5	57,764 1 7	9,977 12 1	8,190 0 0	..	75,931 13 8	2,797,764 7 9	..	16,310 9 9	..	14,923 5 8	912,349 12 8
Grand Totals ..	62,094 7 3	1,924,033 6 0	60,148 1 7	9,977 12 1	8,233 0 0	..	78,358 13 8	2,852,017 14 1	46 3 4	16,310 9 9	..	15,634 15 5	912,349 12 8

CENTRAL PLANT WORKSHOPS, BENDIGO.

PROFIT AND LOSS ACCOUNT FOR FINANCIAL YEAR 1948-49.

	(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, 1949.	Gain as at 30th June, 1949.
	£ s. d.	£ s. d.	£ s. d.	£ s. d.	£ s. d.	£ s. d.	£ s. d.	£ s. d.	£ s. d.	£ s. d.
1. Workshops.	(A)11,039 19 3	16,891 10 5	529 1 10	1,455 0 0 *	44 1 10	18,919 14 1	..	7,879 14 10	7,188 4 8	..
2. Residences (6)	(B) 357 1 0	180 0 0	..	120 0 0	..	300 0 0	57 1 0	..	..	57 1 0
Totals	11,397 0 3	17,071 10 5	529 1 10	1,575 0 0 *	44 1 10	19,219 14 1	57 1 0	7,879 14 10	7,188 4 8	57 1 0

* Includes Deferred Depreciation in respect of 1947-48.

COLIBAN SYSTEM.

PROFIT AND LOSS ACCOUNT FOR FINANCIAL YEAR 1948-49.

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 1948-49. (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, 1949.
	£ 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	2,494 1 7	2,384 0 0	..	43 0 0	..	..	2,427 0 0	67 1 7	..	..	..	..	687 17 4	..
Total	2,494 1 7	2,384 0 0	..	43 0 0	..	..	2,427 0 0	67 1 7	..	..	..	..	687 17 4	..

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	403 18 1	412 15 7	..	3 0 0	..	..	415 15 7	..	11 17 6	1 3 8	(B) 7 7	..	1,214 8 0	..
3. Coliban	58,780 1 6	57,200 0 4	9,976 16 11	8,147 0 0	733 0 0	3 1 3	76,059 18 6	..	17,279 17 0	379 6 7	(B) 7 12 4	828,373 18 10	99,916 0 10	..
4. Marong	166 18 5	151 5 8	0 15 2	40 0 0	0 1 10	1 9 0	193 11 8	..	26 13 3	5 18 3	(B) 12 8	..	391 7 2	..
Totals	59,350 18 0	57,764 1 7	9,977 12 1	8,190 0 0	733 1 10	4 10 3	76,669 5 9	..	17,318 7 9	386 8 6	(B) 8 12 7	828,373 18 10	101,521 16 0	..
Grand Totals ..	61,844 19 7	60,148 1 7	9,977 12 1	8,233 0 0	733 1 10	4 10 3	79,096 5 9	67 1 7	17,318 7 9	386 8 6	(B) 8 12 7	828,373 18 10	102,209 13 4	..

IRRIGATION AND WATER SUPPLY DISTRICTS.

CASH ACCOUNT.

STATEMENT of Moneys received and disbursed from 1st May, 1906, to 30th June, 1949; also of Depreciation charged for Financial Year 1948-49.

Districts.	Receipts.		Expenditure.					Excess Receipts over Expenditure, 1948-49	Excess Expenditure over Receipts, 1948-49.	Accumulated.		
			Year ended 30th June, 1949.									
	Receipts, Year ended, 30th June, 1949.	Total 1906 to 30th June, 1949.	Operating Costs.	Contribution to Drainage Districts.	Depreciation.	Total.	Total 1906 to 30th June, 1949.			Surplus credited to District Account at 30th June, 1949.	Deficiency chargeable to District Account at 30th June, 1949.	Deficiency chargeable to State Account 30th June, 1949 (Inclusive of column 10.)
1.	2.	3.	4.	5.	6.	7.	8.	9.	10.	11.	12.	13.
	£ 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	6,992 13 9	193,954 5 5	8,694 14 11	..	104 0 0	8,798 14 11	227,873 12 4	..	1,806 1 2	..	12,748 18 8	21,170 8 3
2. Boort	7,513 15 5	179,050 4 3	12,738 14 2	..	147 0 0	12,885 14 2	204,052 1 6	..	5,371 18 9	..	23,381 2 0	1,620 15 3
3. Calivil	5,325 11 8	75,262 3 3	3,701 5 10	..	176 0 0	3,877 5 10	82,527 18 6	1,448 5 10	..	12,669 13 11	..	19,935 9 2
4. Campaspe	958 11 8	32,924 10 5	623 4 4	..	25 0 0	648 4 4	34,347 12 8	310 7 4	..	2,272 4 7	..	3,695 6 10
5. Cohuna	21,873 1 10	691,843 16 10	20,739 12 6	3,683 0 0	423 0 0	24,845 12 6	683,229 9 0	..	2,972 10 8	23,235 11 0	..	14,621 3 2
6. Deakin	6,602 2 7	192,485 19 8	4,847 4 0	..	82 0 0	4,929 4 0	182,734 18 9	1,672 18 7	..	11,928 5 7	..	2,177 4 8
7. Dingee	2,214 15 3	66,395 16 2	1,993 5 7	..	32 0 0	2,025 5 7	68,216 15 9	189 9 8	..	2,945 11 10	..	4,766 11 5
8. Kataudra	4,388 3 5	56,140 8 2	3,198 17 8	641 0 0	82 0 0	3,921 17 8	78,851 0 6	466 5 9	..	5,099 1 7	..	27,809 13 11
9. Kerang	11,841 8 4	286,539 9 9	13,004 8 3	1,438 0 0	196 0 0	14,638 8 3	287,212 17 8	..	2,796 19 11	2,906 0 10	..	3,579 8 9
10. Koondrook	12,026 1 11	366,428 11 4	13,245 10 10	..	337 0 0	13,582 10 10	721,489 7 11	..	1,556 8 11	..	2,839 4 6	52,221 12 1
11. Maffra-Sale	19,627 15 0	311,848 0 1	21,748 15 5	2,839 0 0	530 0 0	25,117 15 5	310,768 0 0	..	5,490 0 5	4,793 1 6	..	3,713 1 5
12. Murray Valley ..	23,227 1 9	121,918 3 6	22,294 14 4	..	387 0 0	22,681 14 4	107,077 12 0	545 7 5	..	14,840 11 6	..	..
13. Mystic Park	1,237 15 10	29,844 0 10	3,282 2 8	..	28 0 0	3,310 2 8	42,239 8 2	..	2,072 6 10	..	10,282 10 8	2,112 16 8
14. North Shepparton ..	9,399 3 8	125,313 8 1	9,207 15 5	..	159 0 0	9,366 15 5	159,120 17 11	32 8 3	..	8,775 9 5	..	42,582 19 3
15. Robinvale	3,584 0 6	4,871 0 6	11,259 4 11	..	..	11,259 4 11	14,114 12 10	..	7,675 4 5	..	9,243 12 4	..
16. Rochester	30,770 1 7	727,922 16 5	26,303 13 4	4,310 0 0	776 0 0	31,389 13 4	138,084 18 7	..	619 11 9	23,821 17 7	..	33,983 19 9
17. Rodney	34,386 16 6	1,081,872 6 2	48,696 14 1	913 0 0	842 0 0	50,451 14 1	1,183,799 9 3	..	16,064 17 7	..	16,092 11 9	85,834 11 4
18. Shepparton	10,038 6 6	279,066 19 4	11,523 14 5	1,604 0 0	180 0 0	13,307 14 5	349,590 4 11	..	3,269 7 11	..	9,787 16 7	60,735 9 0
19. South Shepparton ..	2,488 12 11	58,504 1 1	3,506 1 1	..	50 0 0	3,556 1 1	363,094 8 11	..	1,067 8 2	..	1,854 11 1	2,735 16 9
20. Swan Hill	10,874 2 1	341,826 15 2	19,249 12 3	..	606 0 0	19,855 12 3	374,300 6 4	..	8,981 10 2	..	26,237 0 8	6,236 10 6
21. Third Lake	1,453 4 10	24,823 8 0	1,650 1 7	..	38 0 0	1,688 1 7	28,822 17 2	..	234 16 9	..	1,560 7 0	2,439 2 2
22. Tongala-Stanhope ..	22,897 8 1	506,632 16 4	19,323 11 10	3,604 0 0	524 0 0	23,451 11 10	568,141 2 7	..	554 3 9	11,672 11 3	..	73,180 17 6
23. Tragowel Plains ..	20,766 9 2	524,565 14 7	28,466 0 6	..	451 0 0	28,917 0 6	586,561 6 7	..	8,150 11 4	..	19,223 4 4	42,772 7 8
24. Werribee	2,366 4 5	216,741 7 10	7,559 10 8	259 0 0	316 0 0	8,134 10 8	242,556 4 4	1,231 13 9	..	..	10,383 2 6	15,431 14 0
Totals	279,853 8 8	6,496,776 3 2	316,858 10 7	19,291 0 0	6,491 0 0	342,640 10 7	7,038,807 4 2	5,896 16 7	68,683 18 6	124,960 0 7	143,634 2 1	523,356 19 6

IRRIGATION AND WATER SUPPLY DISTRICTS—*continued.*

CASH ACCOUNT—*continued.*

STATEMENT of Moneys received and disbursed from 1st May, 1906, to 30th June, 1949; also of Depreciation charged for Financial Year 1948-49 (Free Headworks excluded)—*continued.*

District.	Receipts.		Expenditure.					Excess Receipts over Expenditure 1948–49.	Excess Expenditure over Receipts 1948–49.	ACCUMULATED.		
			Year ended 30th June, 1949.									
	Receipts Year ended 30th June, 1949.	**Total 1906 to 30th June, 1949.**	Operating Costs.	Contribution to Drainage Districts.	Depreciation.	Total.	**Total 1906 to 30th June, 1949.**			Surplus credited to District Accoun at 30th June, 1949.	Deficiency chargeable to District Account at 30th June, 1949.	Deficiency chargeable to State Account. 30th June, 1949 (Inclusive of column 10.)
1.	2.	3.	4.	5.	6.	7.	8.	9.	10.	11.	12.	13.
	£ s. d.	£ 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	821 2 4	18,354 19 10	2,810 17 4	..	24 0 0	2,834 17 4	25,657 12 3	..	2,013 15 0	..	654 5 10	6,648 6 7
26. Merbein	40,088 11 4	839,892 1 6	44,210 6 5	..	3,527 0 0	47,737 6 5	958,689 11 10	..	7,648 15 1	..	18,888 18 10	99,908 11 6
27. Nyah	10,163 15 5	261,966 13 2	14,338 6 3	..	756 0 0	15,094 6 3	320,080 15 9	..	4,930 10 10	..	11,264 15 0	46,849 7 7
28. Red Cliffs	59,638 14 8	1,021,068 9 8	57,757 17 6	..	9,626 0 0	67,383 17 6	1,103,950 4 9	..	7,745 2 10	..	27,894 4 8	54,987 10 5
29. Tresco	3,442 13 3	61,352 8 11	9,343 0 4	..	549 0 0	9,892 0 4	163,530 7 3	..	6,449 7 1	..	46 8 9	102,131 9 7
Totals	114,154 17 0	2,202,634 13 1	128,460 7 10	..	14,482 0 0	142,942 7 10	2,571,908 11 10	..	28,787 10 10	..	58,748 13 1	310,525 5 8
Grand Totals ..	394,008 5 8	8,699,410 16 3	445,318 18 5	19,291 0 0	20,973 0 0	485,582 18 5	9,610,715 16 0	5,896 16 7	97,471 9 4	124,960 0 7	202,382 15 2	833,882 5 2

IRRIGATION AND WATER SUPPLY DISTRICTS.

PROFIT AND LOSS ACCOUNT FOR FINANCIAL YEAR 1948–49.

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.	Contribution to Drainage Districts.	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 1948–49. (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, 1949.
	£ 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	7,498 6 11	8,694 14 11	104 0 0	..	..	8,798 14 11	..	1,300 8 0	..	(B) 3 7 6	21,170 8 3	11,799 19 3	..
2. Boort	7,640 16 5	12,738 14 2	147 0 0	..	..	12,885 14 2	..	5,244 17 9	3 13 7	(B) 22 4 0	1,620 15 3	21,559 2 2	..
3. Calivil	5,284 12 1	3,701 5 10	176 0 0	..	3 3 0	3,880 8 10	1,404 3 3	..	0 2 0	..	19,935 9 2	..	14,403 9 1
4. Campaspe	917 6 1	623 4 4	25 0 0	..	..	648 4 4	269 1 9	..	..	..	3,695 6 10	..	2,459 8 5
5. Cohuna	21,390 12 0	20,739 12 6	423 0 0	3,683 0 0	27 2 5	24,872 14 11	..	3,482 2 11	12 2 3	..	14,621 3 2	..	29,009 11 2
6. Deakin	5,666 12 6	4,847 4 0	82 0 0	..	1 13 4	4,930 17 4	735 15 2	..	..	(A) 21 17 6 (B) 5 10 11	2,177 4 8	..	13,203 13 4
7. Dingee	2,264 19 3	1,993 5 7	32 0 0	..	..	2,025 5 7	239 13 8	..	..	..	4,766 11 5	..	3,463 2 7
8. Katandra	3,792 13 2	3,198 17 8	82 0 0	641 0 0	7 15 4	3,929 13 0	..	136 19 10	..	..	27,809 13 11	..	5,985 7 3
9. Kerang	10,878 1 5	13,004 8 3	196 0 0	1,438 0 0	10 7 6	14,648 15 9	..	3,770 14 4	..	..	3,579 8 9	..	7,335 15 8
10. Koondrook	11,322 6 3	13,245 10 10	337 0 0	..	27 0 0	13,609 10 10	..	2,287 4 7	38 18 2	..	52,221 12 1	..	1,665 13 6
11. Maffra–Sale	18,650 5 11	21,748 15 5	530 0 0	2,839 0 0	129 2 0	25,246 17 5	..	6,596 11 6	..	..	3,713 1 5	..	7,141 10 10
12. Murray Valley	33,120 10 1	22,294 14 4	387 0 0	..	9,054 15 6	31,736 9 10	1,384 0 3	..	236 3 6	(B) 6 12 0	..	..	18,311 5 5
13. Mystic Park	1,248 19 5	3,282 2 8	28 0 0	..	..	3,310 2 8	..	2,061 3 3	2 14 7	..	2,112 16 8	10,047 5 9	..
14. North Shepparton	8,948 7 0	9,207 15 5	159 0 0	..	3 13 0	9,370 8 5	..	422 1 5	..	..	42,582 19 3	..	9,705 0 7
15. Robinvale	3,584 0 6	11,259 4 11	..	..	..	11,259 4 11	..	7,675 4 5	..	..	..	9,243 12 4	..
16. Rochester	30,221 12 6	26,303 13 4	776 0 0	4,310 0 0	0 10 5	31,390 3 9	..	1,168 11 3	..	(A) 19 0 6 (B) 413 18 6	33,983 19 9	..	37,400 1 5
17. Rodney	36,547 12 4	48,696 14 1	842 0 0	913 0 0	1 17 9	50,453 11 10	..	13,905 19 6	23 4 1	(A) 0 7 3 (B) 0 7 3	85,834 11 4	5,076 17 8	..
18. Shepparton	9,678 5 0	11,523 14 5	180 0 0	1,604 0 0	3 18 0	13,311 12 5	..	3,633 7 5	..	..	60,735 9 0	8,553 15 1	..
19. South Shepparton	2,433 14 8	3,506 1 1	50 0 0	..	4 12 0	3,560 13 1	..	1,126 18 5	..	..	2,735 16 9	1,711 3 10	..
20. Swan Hill	12,832 8 0	19,249 12 3	606 0 0	..	21 0 4	19,876 12 7	..	7,044 4 7	..	(A) 0 0 8	6,236 10 6	21,834 12 6	..
21. Third Lake	1,075 12 5	1,050 1 7	38 0 0	..	8 6 9	1,696 8 4	..	620 15 11	2 10 8	..	2,439 2 2	1,084 8 1	..
22. Tongala–Stanhope	21,580 19 3	19,323 11 10	524 0 0	3,604 0 0	38 3 0	23,489 14 10	..	1,908 15 7	..	(B) 6 7 7	73,180 17 6	..	23,250 10 6
23. Tragowel Plains	19,007 13 7	28,466 0 6	451 0 0	..	6 14 6	28,923 15 0	..	9,916 1 5	35 9 10	..	42,772 7 8	11,999 14 0	..
24. Werribee	8,896 12 10	7,559 10 8	316 0 0	259 0 0	..	8,134 10 8	762 2 2	..	..	(A) 15 1 9 (B) 0 10 10	15,431 14 0	9,747 6 0	..
Totals	284,482 19 7	316,858 10 7	6,491 0 0	19,291 0 0	9,349 14 10	351,990 5 5	4,794 16 3	72,302 2 1	354 18 8	(A) 56 7 8 (B) 458 18 7	523,356 19 6	112,657 16 8	173,334 9 9

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	731 19 11	2,810 17 4	24 0 0	..	..	2,834 17 4	..	2,102 17 5	..	..	2,479 7 4	4,316 15 4	..
26. Merbein	36,393 11 11	44,210 6 5	3,527 0 0	..	1 12 3	47,738 18 8	..	11,345 6 9	..	(B) 3,264 2 10 (A) 0 1 0	35,437 11 8	81,274 6 8	..
27. Nyah	11,571 17 6	14,338 6 3	756 0 0	..	26 9 7	15,120 15 10	..	3,548 18 4	13 10 1	..	30,297 7 11	22,105 13 9	..
28. Red Cliffs	53,753 4 3	57,757 17 6	9,626 0 0	..	50 12 6	67,434 10 0	..	13,681 5 9	0 13 4	(B) 4,321 12 7	11,787 0 11	61,673 7 9	..
29. Tresco	3,770 0 11	9,343 0 4	549 0 0	..	246 14 0	10,138 14 4	..	6,368 13 5	..	..	65,026 4 5	37,087 2 9	..
Totals	106,220 14 6	128,460 7 10	14,482 0 0	..	325 8 4	143,267 16 2	..	37,047 1 8	14 3 5	(A) 0 1 0 (B) 7,585 15 5	145,027 12 3	206,457 6 3	..
Grand Totals	390,703 14 1	445,318 18 5	20,973 0 0	19,291 0 0	9,675 3 2	495,258 1 7	4,794 16 3	109,349 3 9	369 2 1	(A) 56 8 8 (B) 8,044 14 0	668,384 11 9	319,115 2 11	173,334 9 9

URBAN DIVISIONS.

CASH ACCOUNT.

STATEMENT of Moneys received and disbursed from 1st May, 1906, to 30th June, 1949; also of Interest charged at the rates of 3·4047 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 1948–49.

Division.	Receipts.		Expenditure.						Excess Receipts over Expenditure 1948–49.	Excess Expenditure over Receipts 1948–49.	Accumulated.		
			Year ended 30th June, 1949.										
	Receipts, year ended 30th June, 1949.	Total 1906 to 30th June, 1949.	Operating Costs.	Interest.	Redemption.	Depreciation.	Total.	Total 1906 to 30th June, 1949.			Surplus Credited to District Account at 30th June, 1949.	Deficiency Chargeable to District Account at 30th June, 1949.	Deficiency Chargeable to State Account at 30th June, 1949. (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	2,772 11 3	64,100 16 6	1,585 16 10	342 3 11	25 16 8	126 0 0	2,079 17 5	62,781 16 1	692 13 10	..	2,247 15 3	..	928 14 10
2. Cohuna	1,329 2 5	33,634 1 7	944 0 4	108 3 0	8 7 8	99 0 0	1,159 11 0	31,600 7 6	169 11 5	..	2,033 14 1	..	..
3. Lockington	261 0 10	7,090 16 11	135 2 6	4 2 2	1 3 6	61 0 0	201 8 2	6,562 4 8	59 12 8	..	528 12 3	..	..
4. Macorna	..	..	184 13 10	..	..	58 10 5	243 4 3	243 4 3	..	243 4 3	..	243 4 3	..
5. Red Cliffs	2,802 12 3	48,735 12 5	2,907 5 9	54 6 7	..	193 0 0	3,154 12 4	46,313 5 4	..	352 0 1	2,422 7 1	..	..
Totals	7,165 6 9	153,561 7 5	5,756 19 3	508 15 8	35 7 10	537 10 5	6,838 13 2	147,500 17 10	921 17 11	595 4 4	7,232 8 8	243 4 3	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.)													
6. Corop	38 16 4	1,051 5 3	27 11 6	..	..	6 0 0	33 11 6	1,115 11 4	5 4 10	..	..	..	64 6 1
7. Dingee	90 12 7	2,075 17 4	92 2 2	..	..	14 0 0	106 2 2	2,523 17 8	..	15 9 7	..	167 2 10	280 17 6
8. Heyfield	756 17 5	9,735 7 7	813 14 10	..	..	115 0 0	928 14 10	11,105 16 6	..	171 17 5	..	..	1,370 8 11
9. Leitchville	343 2 0	9,123 7 4	354 5 4	..	..	45 0 0	399 5 4	8,804 5 10	..	56 3 4	319 1 6	..	..
10. Murrabit	69 12 11	1,330 17 7	187 3 2	..	..	33 0 0	220 3 2	2,478 14 3	..	150 10 3	..	30 16 2	1,117 0 6
11. Stanhope	183 8 3	5,890 5 4	198 2 5	..	..	35 0 0	233 2 5	5,030 10 10	..	49 14 2	859 14 6	..	..
Totals	1,482 9 6	29,207 0 5	1,672 19 5	..	..	248 0 0	1,920 19 5	31,058 16 5	5 4 10	443 14 9	1,178 16 0	197 19 0	2,832 13 0
Grand Totals	8,647 16 3	182,768 7 10	7,429 18 8	508 15 8	35 7 10	785 10 5	8,759 12 7	178,559 14 3	927 2 9	1,038 19 1	8,411 4 8	441 3 3	3,761 7 10

URBAN DIVISIONS.

PROFIT AND LOSS ACCOUNT FOR FINANCIAL YEAR 1948-49.

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 1984-49. (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, 1949.
	£ 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	2,662 2 2	1,585 16 10	342 3 11	126 0 0	25 16 8	0 0 10	2,079 18 3	(Cr.) 582 3 11	5 11 6	(A) 0 6 2	928 14 10	..	2,327 16 8
2. Cohuna	1,425 4 6	944 0 4	108 3 0	99 0 0	8 7 8	..	1,159 11 0	(Cr.) 265 13 6	..	..	..	..	2,314 1 0
3. Lockington	275 17 3	135 2 6	4 2 2	61 0 0	0 7 10	..	200 12 6	(Cr.) 75 4 9	..	..	..	..	622 10 10
4. Macorna	28 17 0	184 13 10	..	58 10 5	..	..	243 4 3	(Dr.) 214 7 3	..	..	..	214 7 3	..
5. Red Cliffs	2,582 15 6	2,907 5 9	54 6 7	193 0 0	4 13 2	3 17 7	3,163 3 1	(Dr.) 580 7 7	..	(A) 0 10 0 (B) 49 3 8	..	..	2,811 13 6
Totals	6,974 16 5	5,756 19 3	508 15 8	537 10 5	39 5 4	3 18 5	6,846 9 1	(Cr.) 923 2 2 (Dr.) 794 14 10	5 11 6	(A) 0 16 2 (B) 49 3 8	928 14 10	214 7 3	8,076 2 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.)

6. Corop	33 5 7	27 11 6	..	6 0 0	..	..	33 11 6	(Dr.) 0 5 11	..	..	62 8 1	..	12 14 9
7. Dingee	91 4 7	92 2 2	..	14 0 0	..	..	106 2 2	(Dr.) 14 17 7	2 4 5	..	93 10 6	353 17 10	..
8. Heyfield	702 14 8	813 14 10	..	115 0 0	..	0 0 6	928 15 4	(Dr.) 226 0 8	..	..	160 19 2	1,149 14 0	..
9. Leitchville	356 9 5	354 5 4	..	45 0 0	..	..	399 5 4	(Dr.) 42 15 11	..	..	..	..	359 2 6
10. Murrabit	69 16 11	187 3 2	..	33 0 0	..	..	220 3 2	(Dr.) 150 6 3	..	..	92 1 10	1,044 8 10	..
11. Stanhope	200 9 4	198 2 5	..	35 0 0	..	..	233 2 5	(Dr.) 32 13 1	29 15 11	(B) 0 14 9	..	..	859 11 2
Totals	1,454 0 6	1,672 19 5	..	248 0 0	..	0 0 6	1,920 19 11	(Dr.) 466 19 5	32 0 4	(B) 0 14 9	408 19 7	2,548 0 8	1,231 8 5
Grand Totals	8,428 16 11	7,429 18 8	508 15 8	785 10 5	39 5 4	3 18 11	8,767 9 0	(Cr.) 923 2 2 (Dr.) 1,261 14 3	37 11 10	(A) 0 16 2 (B) 49 18 5	1,337 14 5	2,762 7 11	9,307 10 5

WATERWORKS DISTRICTS.

CASH ACCOUNT.

STATEMENT of Moneys received and disbursed from 1st May, 1906, to 30th June, 1949; also of Interest charged at the rates of 3·4047 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 1948–49. (Free Headworks excluded.)

District.	Receipts.		Expenditure.								Accumulated—		
			Year ended 30th June, 1949.										
	Receipts Year ended 30th June, 1949.	**Total 1906 to 30th June, 1949.**	Operating Costs.	Interest.	Redemption.	Depreciation.	Total.	**Total 1906 to 30th June, 1949.**	Excess Receipts over Expenditure 1948–49.	Excess Expenditure over Receipts 1948–49.	Surplus Credited to District Account at 30th June, 1949.	Deficiency Chargeable to District Account at 30th June, 1949.	Deficiency Chargeable to State Account at 30th June, 1949. (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 ..	9,487 1 4	124,924 0 7	8,393 8 8	2,827 17 5	..	81 0 0	11,302 6 1	123,054 19 3	..	1,815 4 9	11,796 11 0	..	9,927 9 8
2. East Loddon ..	1,119 1 3	3,595 1 9	616 10 1	..	..	3 0 0	619 10 1	2,827 17 4	499 11 2	..	767 4 5	..	..
3. Loddon	1,175 10 6	3,249 2 5	1,443 13 4	..	..	4 0 0	1,447 13 4	5,377 8 1	..	272 2 10	..	2,128 5 8	..
4. Mornington Peninsula	13,537 5 8	159,928 16 11	5,248 15 3	2,191 10 6	330 0 2	238 0 0	8,008 5 11	123,534 14 1	5,528 19 9	..	37,471 15 1	..	1,077 12 3
5. Newstead	30 0 0	311 10 0	..	..	..	..	..	101 10 0	30 0 0	..	210 0 0	..	..
6. Normanville	5,342 6 11	24,604 12 8	3,231 14 8	..	..	50 0 0	3,281 14 8	26,779 0 0	2,060 12 3	..	..	2,174 7 4	..
7. Otway	8,229 16 9	85,409 16 6	4,900 6 0	3,076 5 5	..	2,047 0 0	10,023 11 5	89,661 8 3	..	1,793 14 8	..	4,251 11 9	..
8. Werribee	645 15 4	18,766 19 1	721 9 10	..	..	22 0 0	743 9 10	19,996 6 11	..	97 14 6	992 3 0	..	2,221 10 10
9. Western Wimmera ..	23,413 6 6	561,771 10 9	28,209 4 9	..	..	807 0 0	29,016 4 9	612,540 6 5	..	5,602 18 3	..	37,340 10 7	13,428 5 1
10. West Loddon ..	2,472 5 1	6,924 17 9	1,569 14 8	..	..	12 0 0	1,581 14 8	6,830 17 7	890 10 5	..	94 0 2	..	..
11. Wimmera United ..	21,343 11 1	609,048 19 8	15,916 18 1	..	..	248 0 0	16,164 18 1	605,820 11 1	5,178 13 0	..	3,228 8 7	..	..
12. Wychitella	3,981 6 3	4,105 6 3	8,550 2 8	..	..	100 0 0	8,650 2 8	10,597 5 6	..	4,668 16 5	..	6,491 19 3	..
Totals	90,777 6 8	1,602,640 14 4	78,801 18 0	8,095 13 4	330 0 2	3,612 0 0	90,839 11 6	1,627,122 4 6	14,188 6 7	14,250 11 5	54,560 2 3	52,386 14 7	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 July, 1938, and 21st October, 1941, respectively, under the provisions of Section 6, *Water Act* 1937, No. 4513.)														
13. Birchip	6,527 11 8	161,892 1 6	7,735 12 11	..	..	49 0 0	7,784 12 11	203,742 18 3	..	1,257 1 3	..	5,334 11 0	36,516 5 9
14. Carwarp	1,321 6 9	29,367 8 9	5,430 19 7	..	..	266 0 0	5,696 19 7	125,578 15 5	..	4,375 12 10	..	3,539 8 8	92,671 18 0
15. Carwarp Central ..	177 19 6	4,212 5 9	627 6 8	..	..	22 0 0	649 6 8	10,059 14 10	..	471 7 2	..	763 19 2	5,083 9 11
16. Coreena	2,057 18 8	14,317 14 4	2,539 11 0	..	..	821 0 0	3,360 11 0	84,796 15 6	..	1,302 12 4	..	2,922 13 10	67,556 7 4
17. Hindmarsh	1,259 10 6	25,430 17 7	985 13 6	..	..	150 0 0	1,135 13 6	25,579 17 8	123 17 0	..	..	..	149 0 1
18. Karkarooc	21,610 14 4	434,971 4 11	21,494 12 4	..	..	133 0 0	21,627 12 4	563,681 15 0	..	16 18 0	..	13,179 4 6	115,531 5 7
19. Kerang – North-West Lakes	252 4 11	6,196 16 11	230 14 10	..	..	6 0 0	236 14 10	7,629 2 0	15 10 1	..	..	83 3 9	1,349 1 4
20. Long Lake	16,599 2 9	327,441 13 7	18,947 18 9	..	..	244 0 0	19,191 18 9	446,749 11 8	..	2,592 16 0	..	29,289 10 10	90,018 7 3
21. Millewa	4,229 4 3	65,380 1 7	30,235 2 3	..	..	3,223 0 0	33,458 2 3	403,801 2 10	..	29,228 18 0	..	9,567 8 2	328,853 13 1
22. Millewa Central ..	2,630 11 3	36,610 9 2	18,940 14 0	..	..	1,306 0 0	20,246 14 0	246,007 14 0	..	17,616 2 9	..	5,625 2 2	203,772 2 8
23. Sea Lake	13,584 7 10	297,150 0 11	13,632 12 9	..	..	68 0 0	13,700 12 9	369,711 3 3	..	116 4 11	..	8,185 14 11	64,375 7 5
24. Tyntynder	14,100 9 2	220,727 11 10	22,843 18 1	..	..	184 0 0	23,027 18 1	499,493 6 2	..	8,927 8 11	..	29,188 7 1	249,577 7 3
25. Tyrrell	12,756 9 10	273,327 9 9	23,060 14 2	..	..	137 0 0	23,197 14 2	520,278 6 4	..	10,441 4 4	..	16,456 5 8	230,494 10 11
26. Tyrrell West	17,567 10 3	172,525 6 9	41,167 13 10	..	..	383 0 0	41,550 13 10	682,332 19 9	..	23,983 3 7	..	26,991 3 4	482,816 9 8
27. Upper Western Wimmera	5,985 15 5	152,961 18 10	6,378 2 3	..	..	43 0 0	6,421 2 3	152,839 12 3	..	435 6 10	122 6 7	..	..
28. Upper Wimmera United	10,922 17 7	249,677 7 4	7,836 13 5	..	..	83 0 0	7,919 13 5	265,056 12 0	3,003 4 2	..	..	4,362 7 5	11,016 17 3
29. Walpeup West ..	3,278 0 4	58,030 16 3	2,195 4 6	..	..	277 0 0	2,472 4 6	68,600 16 2	805 15 10	..	..	2,372 13 0	8,197 6 11
30. Wycheproof	12,655 8 10	263,318 4 10	9,316 15 0	..	..	82 0 0	9,398 15 0	326,974 16 0	3,256 13 10	..	..	4,295 19 5	59,360 11 9
31. Yelta	1,246 16 4	13,576 6 7	2,291 0 1	..	..	4 0 0	2,295 0 1	27,326 3 9	..	1,048 3 9	..	1,488 7 10	12,261 9 4
Totals ..	148,764 0 2	2,807,115 17 2	235,890 19 11	..	..	7,481 0 0	243,371 19 11	5,030,241 2 10	7,205 0 11	101,813 0 8	122 6 7	163,646 0 9	2,059,601 11 6
Grand Totals ..	239,541 6 10	4,409,756 11 6	314,692 17 11	8,095 13 4	330 0 2	11,093 0 0	334,211 11 5	6,657,363 7 4	21,393 7 6	116,063 12 1	54,682 8 10	216,032 15 4	2,086,256 9 4

WATERWORKS DISTRICTS.

PROFIT AND LOSS ACCOUNT FOR FINANCIAL YEAR 1948-49.

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 1948–49. (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, 1949.
	£ 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 ..	9,953 16 10	8,393 8 8	2,827 17 5	81 0 0	212 13 9	..	11,514 19 10	(Dr.) 1,561 3 0	4 13 0	..	9,927 9 8	..	12,310 18 0
2. East Loddon	995 2 3	616 10 1	..	3 0 0	..	..	619 10 1	(Cr.) 375 12 2	8 15 0	(B) 5 2 8	..	..	848 7 5
3. Loddon	1,103 4 0	1,443 13 4	..	4 0 0	..	0 2 8	1,447 16 0	(Dr.) 344 12 0	10 18 8	..	..	2,082 0 10	..
4. Mornington Peninsula ..	10,671 0 7	5,248 15 3	2,191 10 6	238 0 0	165 0 1	27 10 0	7,870 15 10	(Cr.) 2,800 4 9	7 18 2	..	1,077 12 3	..	38,410 3 0
5. Newstead	30 0 0	..	..	..	..	..	..	(Cr.) 30 0 0	..	..	..	..	210 0 0
6. Normanville	3,417 5 7	3,231 14 8	..	50 0 0	..	..	3,281 14 8	(Cr.) 135 10 11	58 19 10	..	..	1,323 5 2	..
7. Otway	8,630 17 11	4,900 6 0	3,076 5 5	2,047 0 0	232 3 6	..	10,255 14 11	(Dr.) 1,624 17 0	13 9 0	(B) 1 0 0	..	3,695 12 8	..
8. Werribee	639 7 10	721 9 10	..	22 0 0	..	18 16 0	762 5 10	(Dr.) 122 18 0	..	..	2,221 10 10	..	1,067 16 10
9. Western Wimmera ..	23,890 8 8	28,209 4 9	..	807 0 0	..	14 5 0	29,030 9 9	(Dr.) 5,140 1 1	52 1 4	..	13,428 5 1	35,164 7 11	..
10. West Loddon ..	1,554 12 2	1,569 14 8	..	12 0 0	..	..	1,581 14 8	(Dr.) 27 2 6	..	(B) 2 0 0	..	..	168 9 1
11. Wimmera United ..	19,652 10 1	15,916 18 1	..	248 0 0	..	5 19 10	16,170 17 11	(Cr.) 3,481 12 2	55 14 11	(B) 0 0 6	..	..	6,109 9
12. Wychitella	4,405 14 11	8,550 2 8	..	100 0 0	..	78 19 8	8,729 2 4	(Dr.) 4,323 7 5	..	..	..	6,138 10 3	..
Totals	84,944 0 10	78,801 18 0	8,095 13 4	3,612 0 0	609 17 4	145 13 2	91,265 1 10	(Dr.) 13,144 1 0 (Cr.) 6,823 0 0	212 9 11	(B) 8 3 2	26,654 17 10	48,403 16 10	59,125 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 the "Revenue Expenditure Chargeable to the State Account." (By authority of Orders in Council, dated 30th July, 1938, and 21st October, 1941, respectively, under the provision of Section 6, *Water Act* 1937, No. 4513.)

13. Birchip	5,497 12 9	7,735 12 11	..	49 0 0	..	4 18 3	7,789 11 2	(Dr.) 2,291 18 5	68 9 7	..	24,760 19 9	16,190 17 0	..
14. Carwarp	1,248 3 1	5,430 19 7	..	266 0 0	..	423 13 11	6,120 13 6	(Dr.) 4,872 10 5	..	(B) 241 15 8	53,546 18 10	40,392 2 0	..
15. Carwarp Central ..	183 19 10	627 6 8	..	22 0 0	..	..	649 6 8	(Dr.) 465 6 10	..	..	1,426 5 0	3,950 14 4	..
16. Coreena	1,288 5 8	2,539 11 0	..	821 0 0	..	4 12 1	3,365 3 1	(Dr.) 2,076 17 5	760 14 5	..	25,451 16 6	39,631 16 0	..
17. Hindmarsh	1,081 1 4	985 13 6	..	150 0 0	..	..	1,135 13 6	(Dr.) 54 12 2	7 8 7	..	..	..	72 2 6
18. Karkarooc	19,636 15 3	21,494 12 4	..	133 0 0	..	125 5 5	21,752 17 9	(Dr.) 2,116 2 6	268 3 3	..	41,264 17 1	84,080 2 0	..
19. Kerang – North-West Lakes	261 18 7	230 14 10	..	6 0 0	..	3 2 10	239 17 8	(Cr.) 22 0 11	..	..	831 10 5	465 19 8	..
20. Long Lake	12,790 0 9	18,947 18 9	..	244 0 0	..	6 12 7	19,198 11 4	(Dr.) 6,408 10 7	819 12 1	..	22,303 5 10	86,055 13 5	..
21. Millewa	5,138 1 4	30,235 2 3	..	3,223 0 0	..	1,834 8 1	35,292 10 4	(Dr.) 30,154 9 0	..	(A) 33 4 3	92,290 6 7	230,154 3 8	..
22. Millewa Central ..	3,549 9 7	18,940 14 0	..	1,306 0 0	..	1,080 11 5	21,327 5 5	(Dr.) 17,777 15 10	..	(B) 20 8 3	50,278 6 8	148,130 8 11	..
23. Sea Lake	11,260 19 1	13,632 12 9	..	68 0 0	..	91 11 5	13,792 4 2	(Dr.) 2,531 5 1	130 6 9	(B) 0 0 7	29,623 2 3	40,364 17 2	..
24. Tyntynder	10,734 4 0	22,843 18 1	..	184 0 0	..	21 16 0	23,049 14 1	(Dr.) 12,315 10 1	2,565 5 7	(B) 28 14 10	105,792 16 6	145,844 0 3	..
25. Tyrrell	7,725 5 8	23,060 14 2	..	137 0 0	..	8 18 11	23,206 13 1	(Dr.) 15,481 7 5	592 17 1	..	57,330 5 10	179,295 6 8	..
26. Tyrrell West	12,194 2 5	41,167 13 10	..	383 0 0	..	52 11 2	41,603 5 0	(Dr.) 29,409 2 7	2,151 4 0	(B) 14 12 3	97,425 14 3	393,814 19 9	..
27. Upper Western Wimmera	5,463 8 6	6,378 2 3	..	43 0 0	..	..	6,421 2 3	(Dr.) 957 13 9	54 17 2	..	..	..	469 13 1
28. Upper Wimmera United	9,520 2 7	7,836 13 5	..	83 0 0	..	56 10 8	7,976 4 1	(Cr.) 1,543 18 6	15 16 9	..	..	13,866 16 6	..
29. Walpeup West ..	3,087 7 10	2,195 4 6	..	277 0 0	..	15 4 3	2,487 8 9	(Cr.) 599 19 1	256 3 2	..	8,197 6 11	..	1,641 1 6
30. Wycheproof	9,831 17 0	9,316 15 0	..	82 0 0	..	83 8 7	9,482 3 7	(Cr.) 349 13 5	158 16 5	(B) 0 8 3	36,844 19 0	24,239 1 8	..
31. Yelta	1,131 3 3	2,291 0 1	..	4 0 0	..	..	2,295 0 1	(Dr.) 1,163 16 10	17 18 4	..	3,664 18 11	9,217 19 4	..
Totals	121,623 18 6	235,890 19 11	..	7,481 0 0	..	3,813 5 7	247,185 5 6	{(Cr.) 2,515 11 11 (Dr.) 128,076 18 11}	7,867 13 2	{(A) 33 4 3 (B) 305 19 10}	651,033 10 4	1,455,694 18 4	2,182 17 1
Grand Totals ..	206,567 19 4	314,692 17 11	8,095 13 4	11,093 0 0	609 17 4	3,958 18 9	338,450 7 4	{(Dr.) 141,220 19 11 (Cr.) 9,338 11 11}	8,080 3 1	{(A) 33 4 3 (B) 314 3 0}	677,688 8 2	1,504,098 15 2	61,308 1 1

URBAN DISTRICTS.

CASH ACCOUNT.

STATEMENT of Moneys received and disbursed from 1st May, 1906, to 30th June, 1949; also of Interest charged at the rates of 3·4047 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 1948-49.

District.	Receipts.		Expenditure.					Total 1906 to 30th June, 1949.	Excess Receipts over Expenditure, 1948-49.	Excess Expenditure over Receipts, 1948-49.	Accumulated.		
			Year ended 30th June, 1949.										
	Receipts Year ended 30th June, 1949.	Total 1906 to 30th June, 1949.	Operating Costs.	Interest.	Redemption.	Depreciation.	Total.				Surplus Credited to District Account at 30th June, 1949.	Deficiency Chargeable to District Account at 30th June, 1949.	Deficiency Chargeable to State Account at 30th June, 1949. (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	235 8 7	1,279 10 4	130 14 9	27 6 8	3 15 6	22 0 0	183 16 11	1,202 12 0	51 11 8	..	76 18 4	..	..
2. Antwerp	53 6 3	1,468 6 3	51 18 1	8 15 6	..	2 0 0	62 13 7	1,304 12 7	..	9 7 4	163 13 8	..	..
3. Barwon Heads and Ocean Grove	2,510 13 8	29,691 7 8	1,514 4 9	270 14 1	20 15 8	303 0 0	2,108 14 6	28,329 15 10	401 19 2	..	1,361 11 10	..	..
4. Berriwillock	332 17 6	8,531 7 9	240 11 6	0 2 4	0 4 3	16 0 0	256 18 1	8,470 14 8	75 19 5	..	277 11 9	..	216 18 8
5. Berwick	1,520 1 9	22,540 17 11	808 13 4	104 15 1	8 1 3	269 0 0	1,190 9 8	20,462 7 7	329 12 1	..	2,078 10 4	..	..
6. Birregurra	492 6 4	541 6 4	588 10 4	..	..	77 0 0	665 10 4	1,105 18 9	..	173 4 0	..	564 12 5	..
7. Brim	180 0 11	6,959 4 4	213 0 0	11 4 10	..	31 0 0	255 4 10	6,504 1 6	..	75 3 11	455 2 10	..	..
8. Camperdown	4,784 0 5	51,113 17 1	3,078 2 4	1,877 7 1	..	690 0 0	5,645 9 5	51,431 19 3	..	861 9 0	..	318 2 2	..
9. Chelsea–Frankston	23,507 2 11	365,010 10 6	10,973 0 7	4,555 2 8	454 10 3	3,557 0 0	19,539 13 6	357,534 8 2	3,967 9 5	..	16,664 14 7	..	9,188 12 3
10. Cobden	1,822 10 7	14,469 17 5	1,128 2 5	439 11 0	82 17 2	172 0 0	1,822 10 7	14,847 17 5	..	..	..	378 0 0	..
11. Cranbourne	574 17 4	13,917 12 11	262 1 11	20 4 11	3 5 8	103 0 0	388 12 6	13,109 13 5	186 4 10	..	1,346 8 7	..	538 9 1
12. Culgoa	242 3 3	9,641 2 4	219 10 4	76 4 11	..	18 0 0	313 15 3	9,641 5 7	..	71 12 0	..	0 3 3	..
13. Dandenong–Springvale	21,583 13 3	310,046 8 6	10,208 11 9	5,533 2 1	416 6 2	2,418 0 0	18,576 0 0	275,769 1 8	3,007 13 3	..	37,879 5 5	..	3,601 18 7
14. Dimboola	2,344 14 0	73,312 16 0	1,566 10 5	308 12 8	..	607 10 5	2,542 13 6	71,544 12 0	..	197 19 6	1,768 4 0	..	..
15. Dromana–Portsea	12,760 10 1	75,251 8 0	5,439 4 2	145 15 2	12 1 1	1,594 0 0	7,191 0 5	56,928 8 9	5,569 9 8	..	18,322 19 3	..	..
16. Jeparit	944 4 5	31,291 4 8	699 1 1	193 9 2	12 14 2	39 0 0	944 4 5	30,370 15 10	..	..	920 8 10	..	..
17. Longwarry	1,180 11 3	12,117 10 6	383 11 9	313 6 5	23 14 9	119 0 0	839 12 11	10,236 7 4	340 18 4	..	1,881 3 2	..	..
18. Marnoo	296 15 3	7,561 13 9	101 14 3	45 18 4	5 3 5	33 0 0	185 16 0	7,063 7 6	110 19 3	..	498 6 3	..	..
19. Merbein	2,254 1 9	42,607 15 11	1,611 3 4	142 4 7	148 13 11	137 0 0	2,039 1 10	43,896 6 5	214 19 11	..	..	778 0 5	510 10 1
20. Minyip	736 10 3	30,746 8 7	756 10 3	104 1 1	..	75 0 0	935 11 4	30,363 3 2	..	199 1 1	383 5 5	..	..
21. Mornington	6,462 18 6	119,887 2 11	3,185 7 10	1,790 5 3	135 15 0	879 0 0	5,990 8 1	106,742 12 2	472 10 5	..	13,144 10 9	..	..
22. Natimuk	394 7 1	18,933 14 0	260 18 7	138 2 4	..	50 0 0	449 0 11	18,759 14 2	..	54 13 10	173 19 10	..	..
23. Pakenham	1,911 15 5	25,799 13 2	811 9 10	327 0 1	24 19 1	239 0 0	1,402 9 0	23,055 18 9	509 6 5	..	2,743 14 5	..	..
24. Pimpinio	3 2 5	12 5 10	10 11 1	..	..	..	10 11 1	10 11 1	..	7 8 8	1 14 9	..	..
25. Pyramid Hill	487 14 1	13,548 0 10	426 17 10	43 17 6	..	39 0 0	509 15 4	12,436 0 6	..	22 1 3	1,112 0 4	..	..
26. Queenscliff and Point Lonsdale	4,847 15 6	57,982 11 8	3,036 11 7	549 7 9	42 2 8	552 0 0	4,180 2 0	65,761 11 0	637 13 6	..	..	7,778 19 4	..
27. Rainbow	1,029 18 2	38,682 10 8	733 2 10	256 19 3	..	48 0 0	1,038 2 1	34,588 13 4	..	8 3 11	4,093 17 4	..	..
28. Rupanyup	810 19 10	27,575 2 6	605 8 5	142 15 11	5 15 6	57 0 0	810 19 10	27,734 9 0	..	..	..	159 6 6	..
29. Somerville	460 10 2	9,324 15 2	229 9 3	156 7 10	13 13 1	61 0 0	460 10 2	8,589 3 5	..	..	735 11 9	..	..
30. South Frankston	2,889 1 9	52,694 5 9	1,607 10 3	875 13 2	79 18 4	326 0 0	2,889 1 9	48,026 12 5	..	..	4,667 13 4	..	..
31. Terang	3,219 0 11	31,725 0 9	1,830 11 9	902 6 1	..	539 0 0	3,331 17 10	32,897 5 0	..	112 16 11	..	1,172 4 3	..
32. Watchem	389 18 10	11,464 1 6	324 11 2	4 5 1	2 0 3	35 0 0	365 16 6	11,755 18 1	24 2 4	..	..	150 19 5	140 17 2
Totals	101,233 12 5	1,515,729 11 6	53,037 7 9	19,484 18 10	1,496 7 2	13,107 10 5	87,126 4 2	1,430,475 18 4	15,900 9 8	1,793 1 5	110,751 6 9	11,300 7 9	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	669 11 10	6,496 19 7	637 12 0	0 17 9	..	61 0 0	699 9 9	8,772 8 1	..	29 17 11	..	..	2,275 8 6
34. Beulah	571 9 9	19,955 18 0	681 0 6	0 1 7	..	23 0 0	704 2 1	19,569 18 6	..	132 12 4	482 17 8	..	96 18 2
35. Birchip	1,368 6 9	37,223 12 3	1,243 8 5	..	..	84 0 0	1,327 8 5	40,269 2 7	40 18 4	..	..	564 5 4	2,481 5 0
36. Bittern	151 7 9	3,782 13 3	145 5 0	0 9 4	..	35 0 0	180 14 4	3,784 9 1	..	29 6 7	..	..	1 15 10
37. Bunyip	552 19 4	7,824 17 8	258 14 8	0 15 8	0 1 4	146 0 0	405 11 8	6,876 10 8	147 7 8	..	1,422 8 9	..	474 1 9
38. Carwarp	21 16 8	805 3 2	46 14 4	..	..	6 0 0	52 14 4	1,386 4 9	..	30 17 8	..	318 7 11	262 13 8
39. Chillingollah	117 6 11	3,126 2 10	112 7 1	..	..	8 0 0	120 7 1	4,186 11 3	..	3 0 2	..	682 4 6	378 3 11
40. Chinkapook	118 3 5	3,394 2 9	176 3 4	..	..	8 0 0	184 3 4	4,403 0 6	..	65 19 11	..	68 7 0	940 10 9
41. Crib Point	584 12 11	10,365 11 1	286 18 2	79 13 7	52 7 9	132 0 0	550 19 6	10,792 3 4	33 13 5	..	..	..	426 12 3
42. Dooen	34 17 4	695 16 11	25 19 7	0 10 3	..	11 0 0	37 9 10	720 8 10	..	2 12 6	105 12 10	..	130 4 9
43. Drysdale	655 13 4	7,514 18 10	452 13 6	1 3 1	0 7 8	89 0 0	543 4 3	7,069 12 10	112 9 1	..	772 2 1	..	326 16 1
44. Garfield	448 19 4	6,261 5 3	211 18 4	0 16 5	0 1 4	113 0 0	325 16 1	5,864 4 10	123 3 3	..	778 6 0	..	381 5 7
45. Hastings	564 5 11	8,927 10 10	350 8 8	0 3 9	..	163 0 0	513 12 5	9,438 10 8	50 13 6	..	..	..	510 19 10
46. Hopetoun	1,029 0 4	30,563 12 8	1,069 8 5	0 14 4	..	61 0 0	1,131 2 9	29,761 1 11	..	102 2 5	1,382 13 7	..	580 2 10
47. Jung Jung	177 8 11	4,840 3 8	258 1 7	0 1 0	..	45 0 0	303 2 7	6,018 6 5	..	125 13 8	..	20 1 0	1,158 1 9
48. Koondrook	640 19 9	15,047 6 8	616 9 8	..	..	64 0 0	680 9 8	18,553 13 1	..	39 9 11	..	195 2 9	3,311 3 8
49. Lake Boga	511 0 4	15,115 13 4	924 19 10	2 17 4	..	68 0 0	995 17 2	18,197 16 10	..	484 16 10	..	404 7 6	2,677 16 0
50. Lalbert	263 15 8	7,811 8 1	189 3 2	3 7 10	0 13 6	42 0 0	235 4 6	9,349 8 4	28 11 2	..	..	350 14 8	1,187 5 7
51. Lascelles	191 6 11	6,029 12 2	175 12 8	0 10 3	..	21 0 0	197 2 11	6,727 2 4	..	5 16 0	..	30 4 4	667 5 10
52. Manangatang	498 12 4	13,335 17 0	510 13 8	55 13 5	..	33 0 0	599 7 1	13,320 8 0	..	100 14 9	15 9 0	..	..
53. Meringur	116 6 3	2,390 8 2	194 14 3	0 2 7	..	13 0 0	207 16 10	3,043 19 3	..	91 10 7	..	131 15 6	521 15 7
54. Mitiamo	221 5 5	897 0 7	333 3 9	..	..	39 0 0	372 3 9	2,472 3 7	..	150 18 4	..	..	1,575 3 0
55. Nandaly	98 10 0	2,832 10 10	119 11 9	0 1 11	..	9 0 0	128 13 8	3,409 15 9	..	30 3 8	..	51 4 2	526 0 9
56. Newstead	567 2 0	8,525 5 3	914 6 3	60 0 9	..	55 0 0	1,029 7 0	10,502 1 4	..	462 5 0	..	36 15 8	1,940 0 5
57. Nullawil	148 11 1	4,711 9 5	170 18 5	9 11 2	..	10 0 0	190 9 7	4,809 7 1	..	41 18 6	..	..	97 17 8
58. Nyah	238 7 4	3,841 7 3	195 1 6	..	..	51 0 0	226 1 6	3,835 10 1	12 5 10	..	54 0 0	..	48 2 10
59. Nyah West	726 14 5	17,672 0 1	624 3 8	..	..	116 0 0	740 3 8	16,914 6 6	..	13 9 3	757 13 7	..	..
60. Ouyen	2,472 4 10	57,979 1 4	2,271 13 4	1 16 11	0 13 9	111 0 0	2,385 4 0	58,255 4 4	87 0 10	..	..	..	276 3 0
61. Patchewollock	196 13 8	4,338 16 0	337 8 0	0 1 0	..	17 0 0	354 9 0	4,281 5 4	..	157 15 4	57 10 8	..	..
62. Piangil	219 14 1	9,660 12 6	333 0 1	..	..	52 0 0	385 0 1	10,320 1 8	..	165 6 0	..	..	659 9 2
63. Portarlington	849 7 7	8,649 1 8	694 12 7	2 6 7	..	201 0 0	897 19 2	13,196 18 8	..	48 11 7	..	101 9 6	4,446 7 6
64. Quambatook	494 16 1	8,279 19 3	451 12 2	0 1 11	..	43 0 0	494 14 1	8,049 11 11	0 2 0	..	230 7 4	..	..
65. Sea Lake	957 14 8	31,983 15 9	993 16 9	52 3 3	..	75 0 0	1,121 0 0	31,759 5 7	..	163 5 4	224 10 2	..	..
66. Speed	107 17 10	3,173 8 10	155 18 1	0 0 6	..	19 0 0	174 18 7	3,630 11 2	..	67 0 9	..	217 12 5	239 9 11
67. Tempy	112 18 8	3,242 10 4	163 19 1	0 10 7	..	17 0 0	181 9 8	3,605 1 5	..	68 11 0	..	47 13 2	314 17 11
68. Torquay	1,360 12 7	12,535 16 3	953 12 5	4 7 4	1 14 4	107 0 0	1,066 14 1	14,453 8 6	293 18 6	..	..	..	1,917 12 3
69. Ultima	429 13 7	14,295 16 11	463 3 1	0 10 5	..	36 0 0	499 13 6	15,749 5 2	..	69 19 11	..	245 10 3	1,207 18 0
70. Waitchie	34 6 9	1,710 17 2	143 2 9	..	..	18 0 0	161 2 9	3,523 15 0	..	126 16 0	..	623 5 11	1,189 11 11
71. Walpeup	223 10 3	2,898 14 3	325 14 11	0 14 6	..	13 0 0	339 9 5	3,057 10 1	..	115 19 2	..	..	158 15 10
72. Werrimull	363 11 9	6,343 11 6	331 18 9	0 1 0	..	42 0 0	373 19 9	7,316 17 11	..	10 8 0	..	150 10 8	822 15 9
73. Wonthaggi	5,231 12 10	161,784 7 3	4,034 3 1	311 14 9	70 16 3	471 0 0	4,887 14 1	157,377 2 3	343 18 9	..	4,407 5 0	..	..
74. Woomelang	576 6 2	22,982 6 5	473 0 4	0 9 4	0 3 0	65 0 0	538 12 8	23,255 5 3	37 13 6	..	532 2 7	..	805 1 5
75. Woorinen	278 6 4	3,808 3 2	443 4 0	19 18 7	..	16 0 0	479 2 7	4,338 10 3	..	200 16 3	..	305 3 1	225 4 0
76. Wycheproof	1,103 7 5	32,206 17 5	1,186 18 4	..	..	143 0 0	1,329 18 4	33,644 14 8	..	226 10 11	..	151 3 3	1,286 14 0
77. Yaapeet	94 15 1	2,540 13 2	94 5 4	0 2 3	..	18 0 0	112 7 7	2,850 15 2	..	17 12 6	..	151 18 5	158 3 7
Totals	26,396 2 2	638,402 16 9	24,776 15 3	612 10 11	126 18 11	2,950 0 0	28,466 5 1	668,713 10 9	1,311 15 10	3,381 18 9	11,222 19 3	4,847 17 0	36,685 16 3
Grand Totals ..	127,629 14 7	2,154,132 8 3	77,814 3 0	20,097 9 9	1,623 6 1	16,057 10 5	115,592 9 3	2,099,189 9 1	17,212 5 6	5,175 0 2	121,974 6 0	16,148 4 9	50,883 2 1

URBAN DISTRICTS.

PROFIT AND LOSS ACCOUNT FOR FINANCIAL YEAR 1948-49.

STATEMENT of Revenue Assessment (inclusive of Rate, Water Sales, Interest, and 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 1948-49. (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, 1949.
	£ s. d.	£ s. d.	£ s. d.	£ s. d.	£ s. d.	£ s. d.	£ s. d.		£ s. d.		£ s. d.	£ s. d.	£ s. d.
1. Allansford	227 7 1	130 14 9	27 6 8	22 0 0	2 1 11	..	182 3 4	(Cr.) 45 3 9	..	..	..	..	109 14 10
2. Antwerp	50 13 3	51 18 1	8 15 6	2 0 0	0 13 6	..	63 7 1	(Dr.) 12 13 10	..	..	..	..	173 1 6
3. Barwon Heads and Ocean Grove	2,663 6 11	1,514 4 9	270 14 1	303 0 0	20 15 8	..	2,108 14 6	(Cr.) 554 12 5	..	..	..	..	2,256 7 3
4. Berriwillock	290 10 11	240 11 6	0 2 4	16 0 0	0 1 5	0 3 6	256 18 9	(Cr.) 33 12 2	3 15 1	(B) 0 15 0	216 18 8	..	292 13 2
5. Berwick	1,472 1 3	808 13 4	104 15 1	269 0 0	8 1 3	..	1,190 9 8	(Cr.) 281 11 7	1 16 0	..	..	..	2,261 3 9
6. Birregurra	755 0 3	588 10 4	..	77 0 0	..	..	665 10 4	(Cr.) 89 9 11	..	..	..	..	..
7. Brim	197 15 5	213 0 0	11 4 10	31 0 0	0 18 7	..	256 3 5	(Dr.) 58 8 0	..	..	..	301 18 6	..
8. Camperdown	5,027 6 11	3,078 2 4	1,877 7 1	690 0 0	140 2 8	0 5 5	5,785 17 6	(Dr.) 758 10 7	0 10 4	(B) 2 2 6	..	..	548 1 10
9. Chelsea–Frankston ..	22,763 10 1	10,973 0 7	4,555 2 8	3,557 0 0	344 12 2	7 4 1	19,436 19 6	(Cr.) 3,326 10 7	32 19 5	..	..	563 5 1	..
10. Cobden	1,862 13 5	1,128 2 5	439 11 0	172 0 0	32 17 4	..	1,772 10 9	(Cr.) 90 2 8	..	(B) 7 10 1	9,188 12 3	..	19,736 18 1
11. Cranbourne	578 2 3	262 1 11	20 4 11	103 0 0	1 12 10	..	386 19 8	(Cr.) 191 2 7	..	..	..	292 2 5	..
12. Culgoa	243 11 6	219 10 4	76 4 11	18 0 0	5 15 2	0 10 0	320 0 5	(Dr.) 76 8 11	..	..	538 9 1	..	1,402 19 3
13. Dandenong–Springvale	20,423 7 11	10,208 11 9	5,533 2 1	2,418 0 0	416 6 2	..	18,576 0 0	(Cr.) 1,847 7 11	9 15 0	(B) 2 8 3	3,601 18 7	7 11 4	..
14. Dimboola	2,422 7 8	1,566 10 5	368 12 8	607 10 5	27 19 9	..	2,570 13 3	(Dr.) 148 5 7	..	..	..	..	41,441 12 5
15. Dromana–Portsea ..	12,404 16 1	5,439 4 2	145 15 2	1,594 0 0	12 1 1	1 10 8	7,192 11 1	(Cr.) 5,212 5 0	191 11 6	..	..	..	2,406 17 0
16. Jeparit	980 2 6	699 1 1	193 9 2	39 0 0	14 17 0	..	946 7 3	(Cr.) 33 15 3	9 10 8	(B) 0 4 3	..	..	19,970 18 9
17. Longwarry	1,125 8 10	383 11 9	313 6 5	119 0 0	23 14 9	..	839 12 11	(Cr.) 285 15 11	..	..	..	..	1,155 1 7
18. Marnoo	268 6 11	101 14 3	45 18 4	33 0 0	3 11 0	..	184 3 7	(Cr.) 84 3 4	..	..	..	..	1,933 7 9
19. Merbein	2,082 5 8	1,611 3 4	142 4 7	137 0 0	10 17 0	0 3 2	1,901 8 1	(Cr.) 180 17 7	..	..	..	..	533 11 10
20. Minyip	746 13 2	756 10 3	104 1 1	75 0 0	8 1 8	..	943 13 0	(Dr.) 196 19 10	..	..	510 10 1	493 3 8	..
21. Mornington	6,280 7 6	3,185 7 10	1,790 5 3	879 0 0	135 15 0	..	5,990 8 1	(Cr.) 289 19 5	7 14 5	(B) 1 0 2	..	..	553 19 4
22. Natimuk	416 12 8	260 18 7	138 2 4	50 0 0	10 7 2	..	459 8 1	(Dr.) 42 15 5	..	..	..	..	13,495 6 5
23. Pakenham	1,871 0 4	811 9 10	327 0 1	239 0 0	24 19 1	..	1,402 9 0	(Cr.) 468 11 4	79 11 8	..	..	..	293 2 1
24. Pimpinio	5 4 4	10 11 1	..	..	..	..	10 11 1	(Dr.) 5 6 9	..	..	..	..	2,767 7 3
25. Pyramid Hill	474 18 11	426 17 10	43 17 6	39 0 0	3 9 0	..	513 4 4	(Dr.) 38 5 5	..	..	..	..	4 15 2
26. Queenscliff and Point Lonsdale	5,045 10 3	3,036 11 7	549 7 9	552 0 0	42 2 8	..	4,180 2 0	(Cr.) 865 8 3	..	..	..	..	1,197 2 6
27. Rainbow	1,095 5 5	733 2 10	256 19 3	48 0 0	19 10 6	..	1,057 12 7	(Cr.) 37 12 10	..	(B) 0 14 0	..	6,684 9 9	..
28. Rupanyup	824 11 2	605 8 5	142 15 11	57 0 0	10 17 2	..	816 1 6	(Cr.) 8 9 8	..	(A) 0 0 2	..	..	4,301 14 0
29. Somerville	447 6 3	229 9 3	156 7 10	61 0 0	11 15 11	..	458 13 0	(Dr.) 11 6 9	..	..	..	31 18 3	..
30. South Frankston ..	2,670 7 9	1,607 10 3	875 13 2	326 0 0	66 8 10	0 1 3	2,875 13 6	(Dr.) 205 5 9	3 0 6	..	..	..	751 4 7
31. Terang	3,251 4 0	1,830 11 9	962 6 1	539 0 0	72 5 8	2 12 9	3,406 16 3	(Dr.) 155 12 3	..	(B) 13 4 8	..	1,287 15 7	4,988 17 7
32. Watchem	344 11 6	324 11 2	4 5 1	35 0 0	0 8 0	..	364 4 3	(Dr.) 19 12 9	0 4 0	..	140 17 2	137 2 4	..
Totals	99,312 8 1	53,037 7 9	19,484 18 10	13,107 10 5	1,472 19 11	12 10 10	87,115 7 9	{(Cr.) 13,926 12 2 / (Dr.) 1,729 11 10}	340 8 7	{(A) 0 0 2 / (B) 27 18 11}	14,197 5 10	9,799 6 11	122,575 17 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 "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	714 15 3	637 12 0	0 17 9	61 0 0	0 1 6	..	699 11 3	(Cr.)	15 4 0	..	..	..	1,638 15 9	523 11 8	..	785 9 6
34. Beulah	586 3 5	681 0 6	0 1 7	23 0 0	..	..	704 2 1	(Dr.)	117 18 8	..	..	..	96 18 2	..	..	..
35. Birchip	1,254 3 9	1,243 8 5	..	84 0 0	..	..	1,327 8 5	(Dr.)	73 4 8	6 6 1	(B) 4 4 0	..	873 6 5	2,109 7 6	..	205 3 7
36. Bittern	165 7 9	145 5 0	0 9 4	35 0 0	0 1 0	..	180 15 4	(Dr.)	15 7 7	..	..	..	..	..	..	1,638 13 7
37. Bunyip	519 16 0	258 14 8	0 15 8	146 0 0	0 1 4	..	405 11 8	(Cr.)	114 4 4	..	..	..	474 1 9	..	..	308 6 3
38. Carwarp	58 17 0	46 14 4	..	6 0 0	..	..	52 14 4	(Cr.)	6 2 8	..	..	..	..	..	..	..
39. Chillingollah	156 10 9	112 7 1	..	8 0 0	..	..	120 7 1	(Cr.)	36 3 8	..	..	..	218 18 1	109 4 10	..	..
40. Chinkapook	153 4 4	176 3 4	..	8 0 0	..	3 12 7	187 15 11	(Dr.)	34 11 7	0 2 0	..	..	157 15 3	770 3 10	..	..
41. Crib Point	649 17 11	286 18 2	79 13 7	132 0 0	6 0 3	0 4 4	504 16 4	(Cr.)	145 1 7	13 7 10	..	..	..	..	..	208 12 3
42. Dooen	38 15 3	25 19 7	0 10 3	11 0 0	0 1 0	..	37 10 10	(Cr.)	1 4 5	..	..	..	130 4 9	..	..	139 11 5
43. Drysdale	690 2 7	452 13 6	1 3 1	89 0 0	0 1 11	..	542 18 6	(Cr.)	147 4 1	..	..	..	326 16 1	..	..	1,036 10 3
44. Garfield	441 12 9	211 18 4	0 16 5	113 0 0	0 1 4	..	325 16 1	(Cr.)	115 16 8	..	..	..	381 5 7	..	..	822 19 10
45. Hastings	545 13 4	350 8 8	0 3 9	163 0 0	..	..	513 12 5	(Cr.)	32 0 11	..	..	..	448 13 9	28 11 5	..	..
46. Hopetoun	1,065 8 8	1,069 8 5	0 14 4	61 0 0	0 1 2	..	1,131 3 11	(Dr.)	65 15 3	..	(B) 7 2 0	..	580 2 10	..	..	1,722 13 6
47. Jung Jung	172 12 1	258 1 7	0 1 0	45 0 0	..	..	303 2 7	(Dr.)	130 10 6	..	..	..	540 2 11	619 13 9	..	..
48. Koondrook	622 6 10	616 9 8	..	64 0 0	..	4 19 4	685 9 0	(Dr.)	63 2 2	0 1 4	..	..	408 17 3	2,717 5 7	..	..
49. Lake Boga	523 12 8	924 19 10	2 17 4	68 0 0	0 4 9	..	996 1 11	(Dr.)	472 9 3	..	(B) 1 18 0	..	558 14 5	2,272 6 5	..	..
50. Lalbert	235 11 1	189 3 2	3 7 10	42 0 0	0 6 9	..	234 17 9	(Cr.)	0 13 4	..	..	..	43 8 7	1,363 12 5	..	..
51. Lascelles	208 14 5	175 12 8	0 10 3	21 0 0	0 1 0	..	197 3 11	(Cr.)	11 10 6	..	..	..	411 15 11	225 12 0	..	..
52. Manangatang	483 19 10	510 13 8	55 13 5	33 0 0	4 6 6	..	603 13 7	(Dr.)	119 13 9	2 10 6	..	..	..	..	..	290 3 2
53. Meringur	104 3 3	194 14 3	0 2 7	13 0 0	..	..	207 16 10	(Dr.)	103 13 7	..	..	..	..	186 8 9	..	..
54. Mitiamo	221 18 0	333 3 9	..	39 0 0	..	1 9 11	373 13 8	(Dr.)	151 15 8	..	..	..	..	1,560 2 7	..	..
55. Nandaly	87 14 3	119 11 9	0 1 11	9 0 0	..	..	128 13 8	(Dr.)	40 19 5	2 16 1	..	..	..	557 19 6	..	..
56. Newstead	626 11 3	914 6 3	60 0 9	55 0 0	4 11 1	..	1,033 18 1	(Dr.)	407 6 10	..	..	..	..	1,967 3 8	..	..
57. Nullawil	147 12 3	170 18 5	9 11 2	10 0 0	0 15 10	..	191 5 5	(Dr.)	43 13 2	..	..	..	..	58 4 1	..	..
58. Nyah	246 12 5	195 1 6	..	31 0 0	..	..	226 1 6	(Cr.)	20 10 11	..	..	..	48 2 10	..	..	137 2 8
59. Nyah West	818 5 10	624 3 8	..	116 0 0	..	0 2 6	740 6 2	(Cr.)	77 19 8	5 16 9	..	..	..	..	..	1,063 16 0
60. Ouyen	2,221 13 6	2,271 13 4	1 16 11	111 0 0	0 4 7	1 16 11	2,386 11 9	(Dr.)	164 18 3	..	(B) 2 16 11	..	..	..	..	397 6 8
61. Patchewollock	200 7 3	337 8 0	0 1 0	17 0 0	..	..	354 9 0	(Dr.)	154 1 9	..	..	..	..	..	..	488 13 7
62. Piangil	255 4 1	333 0 1	..	52 0 0	..	..	385 0 1	(Dr.)	129 16 0	..	..	..	..	104 1 1	..	..
63. Portarlington	880 18 8	694 12 7	2 6 7	201 0 0	0 3 11	..	898 3 1	(Dr.)	17 4 5	..	(B) 9 17 0	..	1,724 12 7	2,642 14 9	..	..
64. Quambatook	460 5 10	451 12 2	0 1 11	43 0 0	..	..	494 14 1	(Dr.)	34 8 3	..	..	..	..	..	..	328 17 3
65. Sea Lake	926 5 9	993 16 9	52 3 3	75 0 0	4 2 2	..	1,125 2 2	(Dr.)	198 16 5	2 11 10	{(A) 0 1 5 (B) 0 1 5}	..	..	..	..	496 8 1
66. Speed	111 10 3	155 18 1	0 0 6	19 0 0	..	..	174 18 7	(Dr.)	63 8 4	..	(B) 1 7 0	..	..	368 18 8	..	..
67. Tempy	131 3 2	163 19 1	0 10 7	17 0 0	0 1 0	..	181 10 8	(Dr.)	50 7 6	..	(B) 0 2 0	..	..	27 6 2	..	..
68. Torquay	1,329 16 3	953 12 5	4 7 4	107 0 0	0 7 8	..	1,065 7 5	(Cr.)	264 8 10	..	..	..	1,755 7 7	..	..	20 4 1
69. Ultima	434 18 4	463 3 1	0 10 5	36 0 0	0 1 0	..	499 14 6	(Dr.)	64 16 2	3 17 0	..	..	..	957 2 1	..	..
70. Waitchie	81 3 1	143 2 9	..	18 0 0	..	..	161 2 9	(Dr.)	79 19 8	..	..	..	498 8 2	266 19 10	..	..
71. Walpeup	184 13 11	325 14 11	0 14 6	13 0 0	0 1 1	..	339 10 6	(Dr.)	154 16 7	..	..	..	..	35 1 6	..	..
72. Werrimull	304 11 2	331 18 9	0 1 0	42 0 0	..	0 12 9	374 12 6	(Dr.)	70 1 4	..	(B) 2 6 8	..	284 19 8	60 3 3	..	..
73. Wonthaggi	5,343 19 8	4,034 3 1	311 14 9	471 0 0	23 12 1	1 0 7	4,841 10 6	(Cr.)	502 9 2	1 12 11	..	..	..	..	..	6,084 1 11
74. Woomelang	547 0 2	473 0 4	0 9 4	65 0 0	0 1 0	11 10 1	550 0 9	(Dr.)	3 0 7	..	..	..	805 1 5	..	..	581 6 2
75. Woorinen	288 18 0	443 4 0	19 18 7	16 0 0	1 10 9	..	480 13 4	(Dr.)	191 15 4	..	..	..	..	305 1 10	..	..
76. Wycheproof	1,040 5 4	1,186 18 4	..	143 0 0	..	..	1,329 18 4	(Dr.)	289 13 0	8 19 5	..	..	..	1,245 4 10	..	..
77. Yaapeet	95 16 1	94 5 4	0 2 3	18 0 0	..	..	112 7 7	(Dr.)	16 11 6	..	..	..	..	148 5 8	..	..
Totals	26,378 13 5	24,776 15 3	612 10 11	2,950 0 0	47 0 8	25 9 0	28,411 15 10	{(Cr.) 1,490 14 9 (Dr.) 3,523 17 2}		48 1 9	{(A) 0 1 5 (B) 29 15 0}		12,406 9 9	21,230 7 8	16,755 19 9	
Grand Totals	125,691 1 6	77,814 3 0	20,097 9 9	16,057 10 5	1,520 0 7	37 19 10	115,527 3 7	{(Cr.) 15,417 6 11 (Dr.) 5,253 9 0}		388 10 4	{(A) 0 1 7 (B) 57 13 11}		26,603 15 7	31,029 14 7	139,331 17 8	

FLOOD PROTECTION DISTRICTS.

CASH ACCOUNT.

STATEMENT of Moneys received and disbursed from 1st July, 1920, to 30th June, 1949, also of Interest and Depreciation charged for Financial Year 1948–49.

District.	Receipts.		Expenditure.					Excess Receipts over Expenditure 1948–49.	Excess Expenditure over Receipts 1948–49.	Accumulated.		
			Year ended 30th June, 1949.									
	Receipts Year Ended 30th June, 1949.	**Total 1920 to 30th June, 1949.**	Operating Costs	Interest.	Depreciation.	Total.	**Total 1920 to 30th June, 1949.**			Surplus credited to District Account, at 30th June, 1949.	Deficiency chargeable to District Account at 30th June, 1949.	Deficiency chargeable to State Account at 30th June, 1949.
	£ 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	3,174 19 7	58,706 4 4	4,013 8 8	..	22 0 0	4,035 8 8	58,074 6 10	..	860 9 1	3,935 16 8	.. ..	3,303 19 2
2. Kanyapella	256 4 5	6,556 19 3	51 14 7	..	5 0 0	56 14 7	4,860 2 3	199 9 10	..	1,696 17 0	.. ..	..
3. Loch Garry	749 11 6	20,596 6 10	317 3 1	..	12 0 0	329 3 1	16,969 15 10	420 8 5	..	3,626 11 0	.. ..	..
4. Lower Koo-wee-rup ..	5,130 15 5	113,827 8 5	9,932 4 0	..	63 0 0	9,995 4 0	122,908 17 10	..	4,864 8 7	..	1,132 7 9	7,949 1 8
Totals	9,311 10 11	199,686 18 10	14,314 10 4	..	102 0 0	14,416 10 4	202,813 2 9	619 18 3	5,724 17 8	9,259 4 8	1,132 7 9	11,253 0 10

PROFIT AND LOSS ACCOUNT FOR FINANCIAL YEAR 1948–49.

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 1948–49. (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, 1949.
	£ 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	2,861 12 10	4,013 8 8	..	22 0 0	10 3 6	4,045 12 2	..	1,183 19 4	..	(B) 426 0 0	3,303 19 2	..	5,097 6 5
2. Kanyapella	126 19 3	51 14 7	..	5 0 0	..	56 14 7	70 4 8	..	..	(B) 0 0 1	..	..	1,743 15 8
3. Loch Garry	366 13 0	317 3 1	..	12 0 0	3 10 8	332 13 9	33 19 3	..	..	..	..	..	3,798 7 5
4. Lower Koo-wee-rup ..	4,806 19 11	9,932 4 0	..	63 0 0	3 12 11	9,998 16 11	..	5,191 17 0	..	(B) 656 0 0	7,949 1 8	..	385 11 11
Totals	8,162 5 0	14,314 10 4	..	102 0 0	17 7 1	14,433 17 5	104 3 11	6,375 16 4	..	(B) 1,082 0 1	11,253 0 10	..	11,025 1 5

DRAINAGE DISTRICTS.

CASH ACCOUNT.

STATEMENT of Moneys received and disbursed from 1st July, 1937, to 30th June, 1949; also of Depreciation charged for Financial Year 1948-49.

District.	Receipts.				Expenditure.				Excess Receipts over Expenditure 1948–49.	Excess Expenditure over Receipts, 1948–49.	Accumulated.		
	Year Ended 30th June, 1949.			Total, 1937, to 30th June, 1949.	Year Ended 30th June, 1949.			Total, 1937 to 30th June, 1949.			Surplus Credited to District Account at 30th June, 1949.	Deficiency Chargeable to District Account at 30th June, 1949.	Deficiency Chargeable to State Account at 30th June, 1949 (Inclusive of Column 11).
	Receipts	Contribution from Irrigation Districts.	Total.		Operating Costs.	Depreciation.	Total.						
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. Carrum	3,092 4 7	..	3,092 4 7	20,487 6 9	3,115 5 2	12 0 0	3,127 5 2	19,929 2 0	..	35 0 7	558 4 9	..	..
Total ..	3,092 4 7	..	3,092 4 7	20,487 6 9	3,115 5 2	12 0 0	3,127 5 2	19,929 2 0	..	35 0 7	558 4 9	..	..

The Disfricts set out hereunder are those whose works will not produce sufficient revenue to cover the expense of the maintenance and management thereof. 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 Order in Council, dated 14th June, 1943, under the provisions of Section 6, *Water Act* 1937, No. 4513.)

2. Cohuna	2,551 19 10	3,683 0 0	6,234 19 10	35,591 10 1	5,588 15 11	..	5,588 15 11	39,237 3 6	646 3 11	..	..	..	3,645 13 5
3. Kerang East ..	1,526 11 7	1,438 0 0	2,964 11 7	18,351 18 7	1,965 16 9	..	1,965 16 9	14,314 15 4	998 14 10	..	4,461 17 3	..	424 14 0
4. Maffra–Sale ..	2,263 13 7	2,839 0 0	5,102 13 7	25,576 2 3	5,956 15 2	..	5,956 15 2	36,546 0 4	..	854 1 7	..	2,505 4 11	8,464 13 2
5. Merbein	3,263 0 9	..	3,263 0 9	20,672 17 3	1,649 1 11	535 0 0	2,184 1 11	21,986 3 3	1,078 18 10	..	..	396 12 8	916 13 4
6. Murrabit ..	324 5 2	..	324 5 2	1,551 3 5	735 14 10	..	735 14 10	5,866 0 2	..	411 9 8	..	..	4,314 16 9
7. Nyah	417 13 2	..	417 13 2	1,497 16 6	266 2 10	95 0 0	361 2 10	1,935 11 8	56 10 4	..	..	..	437 15 2
8. Red Cliffs ..	5,392 17 4	..	5,392 17 4	34,586 9 8	3,778 10 11	879 0 0	4,657 10 11	36,545 15 5	735 6 5	..	..	..	1,959 5 9
9. Rochester ..	3,823 10 10	4,310 0 0	8,133 10 10	39,048 11 2	6,760 4 0	..	6,760 4 0	49,083 17 11	1,373 6 10	..	..	947 0 1	9,088 6 8
10. Rodney	1,812 19 4	913 0 0	2,725 19 4	14,829 16 9	2,034 16 8		2,034 16 8	15,195 4 8	691 2 8	..	..	40 3 8	325 4 3
11. Shepparton ..	6,635 2 6	2,245 0 0	8,880 2 6	46,599 4 7	6,524 13 3	..	6,524 13 3	53,265 0 11	2,355 9 3	..	..	1,003 5 6	5,662 10 10
12. Tongala–Stanhope	4,269 1 4	3,604 0 0	7,873 1 4	50,908 1 10	15,525 12 5	..	15,525 12 5	97,372 13 10	..	7,652 11 1	..	2,527 9 9	43,937 2 3
13. Werribee ..	1,034 3 0	259 0 0	1,293 3 0	8,938 13 0	1,519 17 9	..	1,519 17 9	8,290 17 8	..	226 14 9	691 11 7	..	43 16 3
14. Woorinen ..	840 1 9	..	840 1 9	5,671 9 3	1,193 9 11	213 0 0	1,406 9 11	9,398 15 5	..	566 8 2	..	..	3,727 6 2
Totals ..	34,155 0 2	19,291 0 0	53,446 0 2	303,823 14 4	53,499 12 4	1,722 0 0	55,221 12 4	389,038 0 1	7,935 13 1	9,711 5 3	5,153 8 10	7,419 16 7	82,947 18 0
Grand Totals	37,247 4 9	19,291 0 0	56,538 4 9	324,311 1 1	56,614 17 6	1,734 0 0	58,348 17 6	408,967 2 1	7,935 13 1	9,746 5 10	5,711 13 7	7,419 16 7	82,947 18 0

DRAINAGE DISTRICTS.

PROFIT AND LOSS ACCOUNT FOR FINANCIAL YEAR 1948–49.

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 1948–49. (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, 1949.
	£ 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	2,729 7 11	3,115 5 2	12 0 0	..	3,127 5 2	...	397 17 3	16 17 6	(B) 380 0 0	..	..	1,111 3 5
Total	2,729 7 11	3,115 5 2	12 0 0	..	3,127 5 2	..	397 17 3	16 17 6	(B) 380 0 0	..	..	1,111 3 5
The Districts set out hereunder, are those whose works will not produce sufficient revenue to cover the expense of the maintenance and management thereof. The annual amount of loss resulting from the maintenance of these districts has been transferred to the "Revenue Expenditure Chargeable to the State Account". (By authority of Order in Council dated 14th June, 1943, under the provisions of Section 6, *Water Act* 1937, No. 4513.)												
2. Cohuna	*6,261 19 1	5,588 15 11	..	..	5,588 15 11	673 3 2	..	..	..	523 17 8	3,025 17 2	..
3. Kerang East	*2,846 5 9	1,965 16 9	..	..	1,965 16 9	880 9 0	..	54 9 9	..	424 14 0	..	5,063 5 5
4. Maffra–Sale	*5,102 9 2	5,956 15 2	..	0 8 0	5,957 3 2	..	854 14 0	..	..	..	10,947 16 1	..
5. Merbein	3,266 19 1	1,649 1 11	535 0 0	0 1 6	2,184 3 5	1,082 15 8	..	..	..	236 2 10	1,003 6 11	..
6. Murrabit	339 18 6	735 14 10	..	2 18 0	738 12 10	..	398 14 4	1 11 9	..	..	4,257 14 2	..
7. Nyah	484 19 3	266 2 10	95 0 0	..	361 2 10	123 16 5	..	..	..	..	346 17 6	..
8. Red Cliffs	5,383 6 5	3,778 10 11	879 0 0	1 4 0	4,658 14 11	724 11 6	..	..	(A) 2 5 0	153 7 2	1,775 19 7	..
9. Rochester	*8,164 18 10	6,760 4 0	..	..	6,760 4 0	1,404 14 10	..	..	..	1,178 16 9	8,426 2 9	..
10. Rodney	*2,739 7 8	2,034 16 8	..	..	2,034 16 8	704 11 0	..	0 1 1	..	325 4 3	..	255 0 11
11. Shepparton	*8,905 1 5	6,524 13 3	..	9 8 0	6,534 1 3	2,371 0 2	..	..	..	402 11 8	6,185 8 8	..
12. Tongala–Stanhope	*7,812 14 1	15,525 12 5	..	18 2 2	15,543 14 7	..	7,731 0 6	..	(A) 21 16 5	520 0 9	45,404 0 8	..
13. Werribee	*1,283 12 1	1,519 17 9	..	..	1,519 17 9	..	236 5 8	..	..	43 16 3	..	688 10 1
14. Woorinen	1,063 7 6	1,193 9 11	213 0 0	..	1,406 9 11	..	343 2 5	..	..	..	3,484 9 10	..
Totals	53,654 18 10	53,499 12 4	1,722 0 0	32 1 8	55,253 14 0	7,965 1 9	9,563 16 11	56 2 7	(A) 24 1 5	3,808 11 4	84,857 13 4	6,006 16 5
Grand Totals ..	56,384 6 9	56,614 17 6	1,734 0 0	32 1 8	58,380 19 2	7,965 1 9	9,961 14 2	73 0 1	(A) 24 1 5 (B) 380 0 0	3,808 11 4	84,857 13 4	7,117 19 10

* Includes Contributions from Irrigation Districts—Cohuna £3,683, Kerang £1,438, Maffra–Sale £2,839, Rochester £4,310, Rodney £913, Shepparton (including Katandra) £2,245, Tongala–Stanhope £3,604, Werribee £259. Total £19,291.

SUMMARY OF CASH ACCOUNTS, 1948–49.

Works.	Receipts.				Expenditure.						(S) Excess Receipts over Expenditure; (D) Excess Expenditure over Receipts, 1948–49.	Accumulated Surplus or Deficiency at 30th June, 1949.	
	Year Ended 30th June, 1949.				Year Ended 30th June, 1949.								
	Receipts.	Contribution from Irrigation Districts.	Total.	Total, 1906, to 30th June, 1949.	Operating Costs.	Contribution to Drainage Districts.	(A) Interest; (B) Redemption.	Depreciation.	Total.	Total, 1906, to 30th June, 1949.		(D) Chargeable, or (S) Credited to District Account.	Chargeable to State Account (Inclusive of Column 12).
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.
Central Plant Workshops, Bendigo	1,667 2 5	..	1,667 2 5	1,699 1 8	17,071 10 5	..	(A) 529 1 10	1,575 0 0	19,175 12 3	22,492 7 10	(S) 57 1 0 (D) 17,565 10 10	(S) 57 1 0 (D) 20,850 7 2	..
Coliban System ..	62,094 7 3	..	62,094 7 3	1,924,033 6 0	60,148 1 7	..	(A) 9,977 12 1	8,233 0 0	78,358 13 8	2,852,017 14 1	(S) 46 3 4 (D) 16,310 9 9	(D) 15,634 15 5	912,349 12 8
Irrigation Districts ..	394,008 5 8	..	394,008 5 8	8,699,410 16 3	445,318 18 5	19,291 0 0	..	20,973 0 0	485,582 18 5	9,610,715 16 0	(S) 5,896 16 7 (D) 97,471 9 4	(S) 124,960 0 7 (D) 202,382 15 2	833,882 5 2
Irrigation Urban Divisions	8,647 16 3	..	8,647 16 3	182,768 7 10	7,429 18 8	..	(A) 508 15 8 (B) 35 7 10	785 10 5	8,759 12 7	178,559 14 3	(S) 927 2 9 (D) 1,038 19 1	(S) 8,411 4 8 (D) 441 3 3	3,761 7 10
Waterworks Districts	239,541 6 10	..	239,541 6 10	4,409,756 11 6	314,692 17 11	..	(A) 8,095 13 4 (B) 330 0 2	11,093 0 0	334,211 11 5	6,657,363 7 4	(S) 21,393 7 6 (D) 116,063 12 1	(S) 54,682 8 10 (D) 216,032 15 4	2,086,256 9 4
Waterworks Urban Districts	127,629 14 7	..	127,629 14 7	2,154,132 8 3	77,814 3 0	..	(A) 20,097 9 9 (B) 1,623 6 1	16,057 10 5	115,592 9 3	2,099,189 9 1	(S) 17,212 5 6 (D) 5,175 0 2	(S) 121,974 6 0 (D) 16,148 4 9	50,883 2 1
Flood Protection Districts	9,311 10 11	..	9,311 10 11	199,686 18 10	14,314 10 4	..	..	102 0 0	14,416 10 4	202,813 2 9	(S) 619 18 3 (D) 5,724 17 8	(S) 9,259 4 8 (D) 1,132 7 9	11,253 0 10
Drainage Districts ..	37,247 4 9	19,291 0 0	56,538 4 9	324,311 1 1	56,614 17 6	..	..	1,734 0 0	58,348 17 6	408,967 2 1	(S) 7,935 13 1 (D) 9,746 5 10	(S) 5,711 13 7 (D) 7,419 16 7	82,947 18 0
Totals ..	880,147 8 8	19,291 0 0	899,438 8 8	17,895,798 11 5	993,404 17 10	19,291 0 0	(A) 39,208 12 8 (B) 1,988 14 1†	60,553 0 10*	1,114,446 5 5	22,032,118 13 5	(S) 54,088 8 0 (D) 269,096 4 9	(S) 325,055 19 4 (D) 480,042 5 5	3,981,333 15 11

* Excludes direct contributions to Depreciation Fund—£456 18s. 11d.

† Excludes Redemption paid in respect of Plant and Machinery Account £1,218 18s. 5d.

(S) Surplus. (D) Deficiency.

SUMMARY OF PROFIT AND LOSS ACCOUNTS FOR FINANCIAL YEAR 1948–49.

Works.	Revenue Assessment.	Expenditure.						Profit and Loss.					
		Operating Costs.	Interest.	Depreciation.	(A) Redemption (B) Contribution to Drainage Districts.	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 1948–49. (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, 1949.
	£ 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	11,397 0 3	17,071 10 5	529 1 10	1,575 0 0	(A) 44 1 10	..	19,219 14 1	(Cr.) 57 1 0 (Dr.) 7,879 14 10	..	..	..	7,188 4 8	57 1 0
Coliban System ..	61,844 19 7	60,148 1 7	9,977 12 1	8,233 0 0	(A) 733 1 10	4 10 3	79,096 5 9	(Cr.) 67 1 7 (Dr.) 17,318 7 9	386 8 6	(B) 8 12 7	828,373 18 10	102,209 13 4	..
Irrigation Districts ..	390,703 14 1	445,318 18 5	..	20,973 0 0	(B) 19,291 0 0	9,675 3 2	495,258 1 7	(Cr.) 4,794 16 3 (Dr.) 109,349 3 9	369 2 1	(A) 56 8 8 (B)8,044 14 0	668,384 11 9	319,115 2 11	173,334 9 9
Irrigation Urban Divisions	8,428 16 11	7,429 18 8	508 15 8	785 10 5	(A) 39 5 4	3 18 11	8,767 9 0	(Cr.) 923 2 2 (Dr.) 1,261 14 3	37 11 10	(A) 0 16 2 (B) 49 18 5	1,337 14 5	2,762 7 11	9,307 10 5
Waterworks Districts	206,567 19 4	314,692 17 11	8,095 13 4	11,093 0 0	(A) 609 17 4	3,958 18 9	338,450 7 4	(Cr.) 9,338 11 11 (Dr.) 141,220 19 11	8,080 3 1	(A) 33 4 3 (B) 314 3 0	677,688 8 2	1,504,098 15 2	61,308 1 1
Waterworks Urban Districts	125,691 1 6	77,814 3 0	20,097 9 9	16,057 10 5	(A) 1,520 0 7	37 19 10	115,527 3 7	(Cr.) 15,417 6 11 (Dr.) 5,253 9 0	388 10 4	(A) 0 1 7 (B) 57 13 11	26,603 15 7	31,029 14 7	139,331 17 8
Flood Protection Districts	8,162 5 0	14,314 10 4	..	102 0 0	..	17 7 1	14,433 17 5	(Cr.) 104 3 11 (Dr.) 6,375 16 4	..	(B)1,082 0 1	11,253 0 10	..	11,025 1 5
Drainage Districts ..	56,384 6 9	56,614 17 6	..	1,734 0 0	..	32 1 8	58,380 19 2	(Cr.) 7,965 1 9 (Dr.) 9,961 14 2	73 0 1	(A) 24 1 5 (B) 380 0 0	3,808 11 4	84,857 13 4	7,117 19 10
Totals ..	869,180 3 5*	993,404 17 10	39,208 12 8	60,553 0 10	(A) 2,946 6 11 (B) 19,291 0 0	13,729 19 8	1,129,133 17 11	(Cr.) 38,667 5 6 (Dr.) 298,621 0 0	9,334 15 11	(A) 114 12 1 (B)9,939 2 0†	2,217,450 0 11	2,051,261 11 11	401,482 1 2

* Includes contribution from Irrigation Districts £19,291.

† Includes Credit of £7,887 10s. 7d. in respect of expenditure in prior years applied to Profit and Loss Appropriation Account.

DISTRICT BALANCE SHEETS AS AT 30TH JUNE, 1949.

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.												
1. Bendigo	(A) 59,529 6 8 (B) 17,636 8 0	78 8 2	1,575 0 0	..	(B) 20,793 6 2	..	77,166 4 9	1,575 0 0	13,740 0 7	..	7,131 3 8	..
	£99,612 9s. 0d.						£99,612 9s. 0d.					
COLIBAN SYSTEM.												
1. Harcourt	(A) 17,022 9 3	232 18 6	103 17 9	..	(B) 711 9 9	..	17,255 7 9	103 17 9	23 12 5	..	687 17 4	..
Totals	(A) 17,022 9 3	232 18 6	103 17 9	..	(B) 711 9 9	..	17,255 7 9	103 17 9	23 12 5	..	687 17 4	..

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) 4,908 18 4	..	..	..	(A) 260 18 8 (B) 983 8 1	..	4,908 18 4	..	29 18 9	..	1,214 8 0	..
3. Coliban	(A) 1,708,322 13 11 (B) 293,199 19 6	9,209 12 3	55,731 1 9	130 10 1	(A) 911,850 8 5 (B) 13,729 8 9	..	2,001,522 13 5	55,731 1 9	6,629 19 10	..	99,916 0 10	828,373 18 10
4. Marong	(A) 2,076 19 9 (B) 22 18 10	14 12 10	532 17 11	3 0 3	(A) 238 5 7 (B) 210 8 10	..	2,114 0 8	532 17 11	60 18 3	..	391 7 2	..
Totals	(A) 1,715,308 12 0 (B) 293,222 18 4	9,224 5 1	56,263 19 8	133 10 4	(A) 912,349 12 8 (B) 14,923 5 8	..	2,008,545 12 5	56,263 19 8	6,720 16 10	..	101,521 16 0	828,373 18 10
Grand Total ..	(A) 1,732,331 1 3 (B) 293,222 18 4	9,457 3 7	56,367 17 5	133 10 4	(A) 912,349 12 8 (B) 15,634 15 5	..	2,025,801 0 2	56,367 17 5	6,744 9 3	..	102,209 13 4	828,373 18 10
	£3,019,496 19s. 0d.						£3,019,496 19s. 0d.					

DISTRICT BALANCE SHEETS AS AT 30TH JUNE, 1949.

District.	Liabilities.						Assets.					
	Capital borne by State.	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.
IRRIGATION DISTRICTS.												
1. Bacchus Marsh ..	179,738 16 10	968 9 4	265 7 3	1 5 2	(A) 21,170 8 3 (B) 12,748 18 8	..	180,707 6 2	265 7 3	950 4 7	..	11,799 19 3	21,170 8 3
2. Boort	265,357 8 7	215 13 8	414 0 3	21 14 1	(A) 1,620 15 3 (B) 23,381 2 0	..	265,573 2 3	414 0 3	1,843 13 11	..	21,559 2 2	1,620 15 3
3. Calivil	195,490 7 9	153 7 2	179 6 7	4 9 0	(A) 19,935 9 2	14,403 9 1	195,643 14 11	179 6 7	1,738 4 2	12,669 13 11	..	19,935 9 2
4. Campaspe	18,332 18 9	..	..	15 17 1	(A) 3,695 6 10	2,459 8 5	18,332 18 9	..	203 0 11	2,272 4 7	..	3,695 6 10
5. Central Gippsland ..	174,991 14 7	..	..	..	..	..	174,991 14 7	..	..	..	..	..
6. Cohuna	831,806 6 0	4,025 5 5	333 3 5	19 9 10	(A) 14,621 3 2	29,009 11 2	835,831 11 5	333 3 5	5,793 10 0	23,235 11 0	..	14,621 3 2
7. Deakin	95,228 16 3	506 14 4	..	1 5 7	(A) 2,177 4 8	13,203 13 4	95,735 10 7	..	1,276 13 4	11,928 5 7	..	2,177 4 8
8. Dingee	73,799 12 7	198 0 9	138 6 7	1 3 0	(A) 4,766 11 5	3,463 2 7	73,997 13 4	138 6 7	518 13 9	2,945 11 10	..	4,766 11 5
9. Katandra	180,961 6 0	220 9 5	166 13 6	..	(A) 27,809 13 11	5,985 7 3	181,181 15 5	166 13 6	886 5 8	5,099 1 7	..	27,809 13 11
10. Kerang	386,169 19 6	1,110 12 9	94 11 11	5 4 3	(A) 3,579 8 9	7,335 15 8	387,280 12 3	94 11 11	4,434 19 1	2,906 0 10	..	3,579 8 9
11. Koondrook	478,472 9 7	1,307 4 9	..	8 7 5	(A) 52,221 12 1 (B) 2,839 4 6	1,665 13 6	479,779 14 4	..	4,513 5 5	..	..	52,221 12 1
12. Maffra-Sale	1,303,406 10 6	2,447 15 0	1,930 17 6	11 6 6	(A) 3,713 1 5	7,141 10 10	1,305,854 5 6	1,930 17 6	2,359 15 10	4,793 1 6	..	3,713 1 5
13. Murray Valley	2,266,962 14 4	136 0 0	580 8 3	105 19 4	..	18,311 5 5	2,267,098 14 4	580 8 3	3,576 13 3	14,840 11 6	..	..
14. Mystic Park	58,724 14 4	101 8 8	..	..	(A) 2,112 16 8 (B) 10,282 10 8	..	58,826 3 0	..	235 4 11	..	10,047 5 9	2,112 16 8
15. North Shepparton ..	360,483 19 6	1,052 13 5	393 19 2	0 18 0	(A) 42,582 19 3	9,705 0 7	361,536 12 11	393 19 2	930 9 2	8,775 9 5	..	42,582 19 3
16. Robinvale (proposed) ..	208,913 7 6	..	..	..	(B) 9,243 12 4	..	298,913 7 6	..	..	..	9,243 12 4	..
17. Rochester	1,191,822 7 0	3,408 12 1	1,949 19 7	53 15 8	(A) 33,983 19 9	37,400 1 5	1,195,230 19 1	1,949 19 7	13,631 19 6	23,821 17 7	..	33,983 19 9
18. Rodney	1,505,995 8 7	2,342 14 3	2,381 12 8	127 4 11	(A) 85,834 11 4 (B) 16,092 11 9	..	1,508,338 2 10	2,381 12 8	11,142 19 0	..	5,076 17 8	85,834 11 4
19. Shepparton	489,869 9 2	899 3 8	1,127 11 0	..	(A) 60,735 9 0 (B) 9,787 16 7	..	490,768 12 10	1,127 11 0	1,234 1 6	..	8,553 15 1	60,735 9 0
20. South Shepparton ..	118,753 11 11	309 12 3	137 12 11	..	(A) 2,735 16 9 (B) 1,854 11 1	..	119,063 4 2	137 12 11	143 7 3	..	1,711 3 10	2,735 16 9
21. Swan Hill	481,985 6 7	1,033 7 8	5,662 5 7	22 4 8	(A) 6,236 10 6 (B) 26,237 0 8	..	483,018 14 3	5,662 5 7	4,424 12 10	..	21,834 12 6	6,236 10 6
22. Third Lake	51,531 6 6	82 3 11	..	2 4 8	(A) 2,439 2 2 (B) 1,560 7 0	..	51,613 10 5	..	478 3 7	..	1,084 8 1	2,439 2 2
23. Tongala–Stanhope ..	945,501 0 0	2,562 12 6	1,679 4 10	28 6 1	(A) 73,180 17 6	23,250 10 6	948,063 12 6	1,679 4 10	11,606 5 4	11,672 11 3	..	73,180 17 6
24. Tragowel Plains ..	780,331 9 1	1,461 1 9	946 12 8	21 4 8	(A) 42,772 7 8 (B) 19,223 4 4	..	781,792 10 10	946 12 8	7,244 15 0	..	11,999 14 0	42,772 7 8
25. Werribee	306,323 1 0	1,491 5 10	1,257 16 3	45 4 10	(A) 15,431 14 0 (B) 10,383 2 6	..	307,814 6 10	1,257 16 3	681 1 4	..	9,747 6 0	15,431 14 0
Totals	13,040,954 2 5	26,034 8 7	19,639 9 11	497 4 9	(A) 523,356 19 6 (B) 143,634 2 1	173,334 9 9	13,066,988 11 0	19,639 9 11	79,847 19 4	124,960 0 7	112,657 16 8	523,356 19 6

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	39,596 0 8	..	..	0 3 10	(A) 6,648 6 7 (B) 654 5 10	..	39,596 0 8	..	506 13 7	..	4,316 15 4	2,479 7 4
27. Merbein	471,754 18 3	..	39,643 7 6	17 14 2	(A) 99,908 11 6 (B) 18,888 18 10	..	471,754 18 3	39,643 7 6	2,103 6 2	..	81,274 6 8	35,437 11 8
28. Nyah	207,168 16 3	54 19 10	9,003 5 10	6 9 5	(A) 46,849 7 7 (B) 11,264 15 0	..	207,223 16 1	9,003 5 10	5,717 10 4	..	22,105 13 9	30,297 7 11
29. Red Cliffs	1,088,660 0 0	..	68,691 13 5	54 5 10	(A) 54,987 10 5 (B) 27,894 4 8	..	1,088,660 0 0	68,691 13 5	9,475 12 3	..	61,673 7 9	11,787 0 11
30. Tresco	120,759 12 5	..	5,358 1 4	44 12 6	(A) 102,131 9 7 (B) 46 8 9	..	120,759 12 5	5,358 1 4	109 3 8	..	37,087 2 9	65,026 4 5
Totals	1,927,939 7 7	54 19 10	122,696 8 1	123 5 9	(A) 310,525 5 8 (B) 58,748 13 1	..	1,927,994 7 5	122,696 8 1	17,912 6 0	..	206,457 6 3	145,027 12 3
Grand Totals ..	14,968,893 10 0	26,089 8 5	142,335 18 0	620 10 6	(A) 833,882 5 2 (B) 202,382 15 2	173,334 9 9	14,994,982 18 5	142,335 18 0	97,760 5 4	124,960 0 7	319,115 2 11	668,384 11 9
	£16,347,538 17s. 0d.						£16,347,538 17s. 0d.					

DISTRICT BALANCE SHEETS AS AT 30TH JUNE, 1949.

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.
URBAN DIVISIONS.												
1. Bacchus Marsh	(A) 4,213 13 1 (B) 10,026 7 5	307 13 7	1,682 2 7	7 11 11	(A) 928 14 10	2,327 16 8	14,547 14 1	1,682 2 7	87 13 4	2,247 15 3	..	928 14 10
2. Cohuna	(A) 6,057 19 4 (B) 3,168 11 4	185 8 0	940 1 9	4 18 7	..	2,314 1 0	9,411 18 8	940 1 9	285 5 6	2,033 14 1	..	..
3. Lockington	(A) 2,164 14 7 (B) 120 8 3	35 16 4	415 1 11	3 0 0	..	622 10 10	2,320 19 2	415 1 11	96 18 7	528 12 3	..	..
4. Macorna	(A) 1,164 10 0	..	..	..	(B) 243 4 3	..	1,164 10 0	..	28 17 0	..	214 7 3	..
5. Red Cliffs	(A) 18,031 10 0 (B) 1,624 2 5	252 7 10	467 8 4	3 19 10	..	2,811 13 6	19,894 0 9	467 8 4	407 5 9	2,422 7 1	..	..
6. Robinvale	(A) 2,334 0 2	..	..	..	..	..	2,334 0 2	..	..	..	..	..
7. Tallygaroopna	(A) 3,834 8 2	..	..	..	..	..	3,834 8 2	..	..	..	..	..
Totals	(A) 37,800 15 4 (B) 14,939 9 5	781 5 9	3,504 14 7	19 10 4	(A) 928 14 10 (B) 243 4 3	8,076 2 0	53,507 11 0	3,504 14 7	906 0 2	7,232 8 8	214 7 3	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 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	(A) 231 15 6	..	82 19 11	..	(A) 64 6 1	12 14 9	231 15 6	82 19 11	14 12 9	..	..	62 8 1
9. Dingee	(A) 1,674 3 11	..	106 13 3	..	(A) 280 17 6 (B) 167 2 10	..	1,674 3 11	106 13 3	0 12 0	..	353 17 10	93 10 6
10. Heyfield	(A) 13,031 18 6	..	1,586 0 7	..	(A) 1,370 8 11	..	13,031 18 6	1,586 0 7	59 15 9	..	1,149 14 0	160 19 2
11. Leitchville ..	(A) 3,880 14 5	23 19 8	621 4 0	0 0 10	..	359 2 6	3,904 14 1	621 4 0	40 1 10	319 1 6	..	..
12. Murrabit	(A) 1,030 18 3	..	396 10 10	0 0 6	(A) 1,117 0 6 (B) 30 16 2	..	1,030 18 3	396 10 10	11 6 6	..	1,044 8 10	92 1 10
13. Stanhope	(A) 1,292 14 6	21 4 4	394 7 6	10 12 0	..	859 11 2	1,313 18 10	394 7 6	10 8 8	859 14 6	..	..
Totals	(A) 21,142 5 1	45 4 0	3,187 16 1	10 13 4	(A) 2,832 13 0 (B) 197 19 0	1,231 8 5	21,187 9 1	3,187 16 1	136 17 6	1,178 16 0	2,548 0 8	408 19 7
Grand Totals ..	(A) 58,943 0 5 (B) 14,939 9 5	826 9 9	6,692 10 8	30 3 8	(A) 3,761 7 10 (B) 441 3 3	9,307 10 5	74,695 0 1	6,692 10 8	1,042 17 8	8,411 4 8	2,762 7 11	1,337 14 5
	£94,941 15s. 5d.						£94,941 15s. 5d.					

DISTRICT BALANCE SHEETS AS AT 30TH JUNE, 1949.

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.
WATERWORKS DISTRICTS.												
1. Bellarine Peninsula ..	(A) 226,263 0 8 (B) 83,187 4 2	2,312 12 7	..	2 10 0	(A) 9,927 9 8	12,310 18 0	311,337 9 11	..	942 4 6	11,796 11 0	..	9,927 9 8
2. East Loddon	(A) 2,227 18 6	3,281 9 1	..	4 8 0	..	848 7 5	5,509 7 7	..	85 11 0	767 4 5	..	..
3. Loddon	(A) 2,934 0 0	4,320 17 6	..	0 11 10	(B) 2,128 5 8	..	7,254 17 6	..	46 16 8	..	2,082 0 10	..
4. Mornington Peninsula ..	(A) 344,522 9 6 (B) 64,395 9 9	1,606 13 1	110 3 4	7 6 3	(A) 1,077 12 3	38,410 3 0	410,524 12 4	110 3 4	945 14 8	37,471 15 1	..	1,077 12 3
5. Newstead	(A) 4,636 6 10	..	..	..	..	210 0 0	4,636 6 10	..	..	210 0 0	..	..
6. Normanville	(A) 42,316 19 8	222 1 11	..	0 0 6	(B) 2,174 7 4	..	42,539 1 7	..	851 2 8	..	1,323 5 2	..
7. Otway	(A) 102,949 5 1 (B) 90,450 11 6	2,651 15 11	21,416 16 10	7 13 0	(B) 4,251 11 9	..	195,819 9 0	21,416 16 10	795 15 7	..	3,695 12 8	..
8. Werribee	(A) 11,981 6 8	82 12 10	..	..	(A) 2,221 10 10	1,067 16 10	12,063 19 6	..	75 13 10	992 3 0	..	2,221 10 10
9. Western Wimmera ..	(A) 372,556 8 9	177 10 2	7,651 3 0	13 6 3	(A) 13,428 5 1 (B) 37,340 10 7	..	372,733 18 11	7,651 3 0	2,189 8 11	..	35,164 7 11	13,428 5 1
10. West Loddon	(A) 8,725 6 2	3,764 7 3	..	11 0 1	..	168 9 1	12,489 13 5	..	85 9 0	94 0 2	..	..
11. Wimmera United ..	(A) 304,920 2 4	965 12 11	440 8 3	47 19 8	..	6,109 9 8	305,885 15 3	440 8 3	2,929 0 9	3,228 8 7	..	..
12. Wychitella	(A) 128,860 12 6	..	..	25 5 5	(B) 6,491 19 3	..	128,860 12 6	..	378 14 5	..	6,138 10 3	..
Totals	(A) 1,552,893 16 8 (B) 238,033 5 5	19,385 13 3	29,618 11 5	120 1 6	(A) 26,654 17 10 (B) 52,386 14 7	59,125 4 0	1,809,655 4 4	29,618 11 5	9,325 12 0	54,560 2 3	48,403 16 10	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) 144,178 10 4	381 13 5	..	19 13 2	(A) 36,516 5 9 (B) 5,334 11 0	..	144,560 3 9	..	918 13 2	..	16,190 17 0	24,760 19 9
14. Carwarp	(A) 41,861 5 0	..	2,476 13 1	0 2 4	(A) 92,671 18 0 (B) 3,539 8 8	..	41,861 5 0	2,476 13 1	2,272 8 2	..	40,392 2 0	53,546 18 10
15. Carwarp Central ..	(A) 2,385 7 4	..	263 19 2	..	(A) 5,083 9 11 (B) 763 19 2	..	2,385 7 4	263 19 2	470 9 9	..	3,950 14 4	1,426 5 0
16. Coreena	(A) 53,981 13 0	..	10,215 0 5	7 8 8	(A) 67,556 7 4 (B) 2,922 13 10	..	53,981 13 0	10,215 0 5	5,402 17 4	..	39,631 16 0	25,451 16 6
17. Hindmarsh	(A) 20,362 11 7	103 4 3	2,099 1 2	..	(A) 149 0 1	72 2 6	20,465 15 10	2,099 1 2	221 2 7	..	..	..
18. Karkarooc	(A) 320,016 12 2	..	..	39 11 9	(A) 115,531 5 7 (B) 13,179 4 6	..	320,016 12 2	..	3,405 2 9	..	84,080 2 0	41,264 17 1

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

DISTRICT BALANCE SHEETS AS AT 30TH JUNE, 1949.

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.
WATERWORKS DISTRICTS—*continued.*												
19. Kerang North-West Lakes	(A) 3,992 6 11	..	..	0 0 2	(A) 1,349 1 4 (B) 83 3 9	..	3,992 6 11	..	134 15 2	..	465 19 8	831 10 5
20. Long Lake	(A) 175,688 11 9	..	2,248 11 8	92 2 10	(A) 90,018 7 3 (B) 29,289 10 10	..	175,688 11 9	2,248 11 8	11,041 1 8	..	86,055 13 5	22,303 5 10
21. Millewa	(A) 491,950 16 0	..	35,288 1 10	..	(A) 328,853 13 1 (B) 9,567 8 2	..	491,950 16 0	35,288 1 10	15,976 11 0	..	230,154 3 8	92,290 6 7
22. Millewa Central ..	(A) 172,084 10 8	..	4,318 12 2	0 1 4	(A) 203,772 2 8 (B) 5,625 2 2	..	172,084 10 8	4,318 12 2	10,988 10 7	..	148,130 8 11	50,278 6 8
23. Sea Lake	(A) 195,707 2 10	..	..	37 18 1	(A) 64,375 7 5 (B) 8,185 14 11	..	195,707 2 10	..	2,611 1 0	..	40,364 17 2	29,623 2 3
24. Tyntynder	(A) 380,235 16 11	..	271 19 1	46 16 10	(A) 249,577 7 3 (B) 29,188 7 1	..	380,235 16 11	271 19 1	27,175 14 5	..	145,844 0 3	105,792 16 6
25. Tyrrell	(A) 257,401 12 5	..	552 10 1	6 3 0	(A) 230,494 10 11 (B) 16,456 5 8	..	257,401 12 5	552 10 1	10,331 7 1	..	179,295 6 8	57,330 5 10
26. Tyrrell West	(A) 435,833 8 11	..	2,929 11 9	39 10 4	(A) 482,816 9 8 (B) 26,991 3 4	..	435,833 8 11	2,929 11 9	18,606 9 4	..	393,814 19 9	97,425 14 3
27. Upper Western Wimmera	(A) 89,158 15 7	..	169 1 2	20 1 8	..	469 13 1	89,158 15 7	169 1 2	367 8 2	122 6 7	..	..
28. Upper Wimmera United	(A) 123,504 18 8	1,005 14 11	..	9 16 1	(A) 11,016 17 3 (B) 4,362 7 5	..	124,510 13 7	..	1,522 4 3	..	13,866 16 6	..
29. Walpeup West ..	(A) 36,193 17 6	..	1,242 16 10	9 4 5	(A) 8,197 6 11 (B) 2,372 13 0	1,641 1 6	36,193 17 6	1,242 16 10	4,022 18 11	..	..	8,197 6 11
30. Wycheproof	(A) 240,995 4 1	1,173 11 10	..	22 3 7	(A) 59,360 11 9 (B) 4,295 19 5	..	242,168 15 11	..	2,594 14 1	..	24,239 1 8	36,844 19 0
31. Yelta	(A) 6,177 5 3	..	..	3 10 3	(A) 12,261 9 4 (B) 1,488 7 10	..	6,177 5 3	..	870 9 2	..	9,217 19 4	3,664 18 11
Totals	(A) 3,191,710 6 11	2,664 4 5	62,075 18 5	354 4 6	(A) 2,059,601 11 6 (B) 163,646 0 9	2,182 17 1	3,194,374 11 4	62,075 18 5	118,933 18 7	122 6 7	1,455,694 18 4	651,033 10 4
Grand Totals ..	(A) 4,744,604 3 7 (B) 238,033 5 5	22,049 17 8	91,694 9 10	474 6 0	(A) 2,086,256 9 4 (B) 216,032 15 4	61,308 1 1	5,004,029 15 8	91,694 9 10	128,259 10 7	54,682 8 10	1,504,098 15 2	677,688 8 2
	£7,460,453 8s. 3d.						£7,460,453 8s. 3d.					

DISTRICT BALANCE SHEETS AS AT 30TH JUNE, 1949.

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.
URBAN DISTRICTS.													
1. Allansford	(A) 2,008 15 2 (B) 815 15 0	22 16 0	162 2 4	..	..	109 14 10		2,847 6 2	162 2 4	32 16 6	76 18 4	..	..
2. Antwerp	(A) 444 18 4 (B) 257 14 1	14 18 8	32 13 9	..	..	173 1 6		714 18 4	32 13 9	12 0 7	163 13 8	..	..
3. Barwon Heads and Ocean Grove	(A) 37,741 18 9 (B) 7,944 6 0	368 18 2	2,445 19 6	15 1 4	..	2,256 7 3		46,055 2 11	2,445 19 6	909 16 9	1,361 11 10	..	..
4. Berriwillock	(A) 6,252 19 5 (B) 3 5 5	24 17 11	221 6 10	0 2 3	(A) 216 18 8	292 13 2		6,281 2 9	221 6 10	15 3 8	277 11 9	..	216 18 8
5. Berwick	(A) 20,533 9 10 (B) 3,104 8 6	120 17 9	2,973 7 6	4 6 4	..	2,261 3 9		23,758 16 1	2,973 7 6	186 19 9	2,078 10 4	..	..
6. Birregurra	(A) 31,558 7 0	..	77 0 0	0 15 4	(B) 564 12 5	..		31,558 7 0	77 0 0	263 9 3	..	301 18 6	..
7. Brim	(A) 3,191 17 5 (B) 332 8 6	43 14 4	446 6 6	0 2 6	..	548 1 10		3,564 5 10	446 6 6	96 15 11	455 2 10	..	..
8. Camperdown	(A) 42,842 1 6 (B) 55,182 13 5	1,710 12 6	6,993 6 10	5 12 6	(B) 318 2 2	..		98,895 12 11	6,993 6 10	600 4 1	..	563 5 1	..
9. Chelsea–Frankston	(A) 219,001 1 0 (B) 133,915 1 2	3,927 1 3	32,155 17 10	31 18 5	(A) 9,188 12 3	19,736 18 1		356,843 3 5	32,155 17 10	3,104 1 11	16,664 14 7	..	9,188 12 3
10. Cobden	(A) 13,259 5 0 (B) 12,829 4 0	425 11 1	1,687 19 0	0 12 6	(B) 378 0 0	. ..		26,404 18 0	1,687 19 0	195 12 2	..	292 2 5	..
11. Cranbourne	(A) 8,924 11 5 (B) 595 4 3	61 18 11	1,372 16 2	0 2 2	(A) 538 9 1	1,402 19 3		9,581 14 7	1,372 16 2	56 12 10	1,346 8 7	..	538 9 1
12. Culgoa	(A) 2,163 9 2 (B) 2,239 16 5	85 13 1	251 11 6	..	(B) '0 3 3	..		4,465 18 0	251 11 6	15 12 7	..	7 11 4	..
13. Dandenong–Springvale	(A) 112,308 8 1 (B) 162,282 18 6	4,240 8 4	28,937 6 7	42 2 11	(A) 3,601 18 7	41,441 12 5		278,831 14 11	28,937 6 7	3,604 9 11	37,879 5 5	..	3,601 18 7
14. Dimboola	(A) 8,239 11 7 (B) 10,830 1 6	392 19 8	..	2 5 10	..	2,406 17 0		19,434 13 0	..	668 18 7	1,768 4 0	..	..
15. Dromana–Portsea	(A) 181,336 0 11 (B) 4,303 6 1	518 2 10	13,116 19 10	7 19 11	..	19,970 18 9		186,157 9 10	13,116 19 10	1,655 19 5	18,322 19 3	..	..
16. Jeparit	(A) 7,832 13 9 (B) 5,670 5 6	271 19 6	286 6 10	2 8 2	..	1,155 1 7		13,772 15 11	286 6 10	239 3 9	920 8 10	..	..
17. Longwarry	(A) 2,639 14 8 (B) 9,182 0 0	312 3 8	1,309 13 8	0 12 2	..	1,933 7 9		12,133 18 4	1,309 13 8	52 16 9	1,881 3 2	..	..
18. Marnoo	(A) 2,768 11 2 (B) 1,344 2 2	75 8 3	614 13 7	1 0 1	..	533 11 10		4,188 1 7	614 13 7	36 5 8	498 6 3	..	..
19. Merbein	(A) 17,803 6 9 (B) 4,029 19 8	310 3 0	780 0 7	0 9 0	(A) 510 10 1 (B) 778 0 5	..		22,143 9 5	780 0 7	285 5 9	..	493 3 8	510 10 1
20. Minyip	(A) 7,236 17 0 (B) 3,060 18 6	204 0 3	696 9 7	2 11 6	..	553 19 4		10,469 9 5	696 9 7	205 11 9	383 5 5	..	..
21. Mornington	(A) 27,417 16 1 (B) 52,670 1 6	1,630 4 4	8,089 12 0	62 1 7	..	13,495 6 5		81,718 1 11	8,089 12 0	412 17 3	13,144 10 9	..	..
22. Nar-Nar-Goon and Tynong	(A) 140 9 1	..	..	..	..	..		140 9 1	..	..	..	..	..
23. Natimuk	(A) 840 3 4 (B) 4,057 19 0	125 16 7	691 13 2	..	..	293 2 1		4,983 10 1	691 13 2	159 11 1	173 19 10	..	..
24. Pakenham	(A) 9,271 2 9 (B) 9,611 14 3	370 7 2	3,081 18 3	12 6 9	..	2,767 7 3		19,253 4 2	3,081 18 3	35 19 7	2,743 14 5	..	..
25. Pimpinio	..	..	..	0 17 10	..	4 15 2		..	..	3 18 3	1 14 9	..	..
26. Pyramid Hill	(A) 5,312 19 4 (B) 1,288 15 10	97 7 6	476 2 3	1 0 0	..	1,197 2 6		6,692 4 8	476 2 3	93 0 2	1,112 0 4	..	..
27. Queenscliff and Point Lonsdale	(A) 76,788 13 6 (B) 16,131 5 2	721 15 6	4,529 4 8	2 1 6	(B) 7,778 19 4	..		93,641 14 2	4,529 4 8	1,096 11 1	..	6,684 9 9	..
28. Rainbow	(A) 3,942 0 6 (B) 7,554 13 10	274 15 7	627 3 5	5 3 5	..	4,301 14 0		11,751 19 5	627 3 5	232 10 7	4,093 17 4	..	..
29. Rupanyup	(A) 6,687 13 8 (B) 4,197 0 1	194 9 8	643 9 7	0 5 4	(B) 159 6 6	..		11,030 15 2	643 9 7	176 1 10	..	31 18 3	..

Note—Urban Districts Balance Sheets continued on next page.

DISTRICT BALANCE SHEETS AS AT 30TH JUNE, 1949.

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.
URBAN DISTRICTS—*continued.*												
30. Somerville	(A) 3,241 10 9 (B) 4,581 15 3	157 4 1	793 3 10	..	..	751 4 7	7,958 15 5	793 3 10	37 7 6	735 11 9	..	..
31. South Frankston ..	(A) 21,590 6 7 (B) 25,713 2 9	916 1 7	3,202 10 7	8 2 4	..	4,988 17 7	48,166 11 7	3,202 10 7	382 5 11	4,667 13 4	..	..
32. Terang	(A) 30,524 16 0 (B) 28,280 2 5	993 16 4	5,569 10 5	9 7 8	(B) 1,172 4 3	..	59,437 13 8	5,569 10 5	254 17 5	..	1,287 15 7	..
33. Watchem	(A) 4,940 8 3 (B) 123 6 7	37 5 5	363 18 0	0 12 7	(A) 140 17 2 (B) 150 19 5	..	5,101 0 3	363 18 0	14 9 8	..	137 2 4	140 17 2
Totals	(A) 918,785 17 9 (B) 572,133 5 4	18,651 8 11	122,630 4 7	220 1 11	(A) 14,197 5 10 (B) 11,300 7 9	122,575 17 11	1,507,978 18 0	122,630 4 7	15,137 7 11	110,751 6 9	9,799 6 11	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, 23rd October, 1945, and 24th April, 1946, respectively, under the provisions of Section 6, *Water Act* 1937, No. 4513.)

34. Anglesea	(A) 19,848 5 11 (B) 29 10 1	1 15 7	772 6 11	0 10 0	(A) 2,275 8 6	..	19,879 4 8	772 6 11	113 18 0	..	523 11 8	1,638 15 9
35. Beulah	(A) 7,603 18 1 (B) 2 13 2	10 5 8	236 3 1	1 7 6	(A) 96 18 2	785 9 6	7,616 16 11	236 3 1	303 19 4	482 17 8	..	96 18 2
36. Birchip	(A) 14,841 5 11	12 12 3	1,137 2 7	5 13 2	(A) 2,481 5 0 (B) 564 5 4	..	14,853 18 2	1,137 2 7	68 9 7	..	2,109 7 6	873 6 5
37. Bittern	(A) 2,970 9 1 (B) 15 11 3	3 18 1	358 3 8	0 1 4	(A) 1 15 10	205 3 7	2,989 17 5	358 3 8	207 1 9	..	..	..
38. Bunyip	(A) 11,587 6 0 (B) 26 2 3	2 9 8	1,707 12 6	1 4 2	(A) 474 1 9	1,638 13 7	11,615 17 11	1,707 12 6	217 9 0	1,422 8 9	..	474 1 9
39. Carwarp	(A) 635 19 0	..	129 5 0	..	(A) 262 13 8 (B) 318 7 11	308 6 3	635 19 0	129 5 0	889 7 10	..	..	..
40. Chillingollah	(A) 2,477 14 6	8 14 5	130 3 0	..	(A) 378 3 11 (B) 682 4 6	..	2,486 8 11	130 3 0	732 5 6	..	109 4 10	218 18 1
41. Chinkapook	(A) 2,815 14 2	..	79 9 5	..	(A) 940 10 9 (B) 68 7 0	..	2,815 14 2	79 9 5	80 18 8	..	770 3 10	157 15 3
42. Crib Point	(A) 9,827 4 10 (B) 2,288 4 6	117 11 8	1,022 13 8	1 5 6	(A) 426 12 3	208 12 3	12,233 1 0	1,022 13 8	636 10 0	..	..	..
43. Dooen	(A) 681 4 0 (B) 17 1 0	0 3 5	152 0 10	..	(A) 130 4 9	139 11 5	698 7 5	152 0 10	33 19 7	105 12 10	..	130 4 9
44. Drysdale	(A) 14,614 4 4 (B) 38 2 0	8 5 0	1,144 18 11	0 2 0	(A) 326 16 1	1,036 10 3	14,660 11 4	1,144 18 11	264 10 2	772 2 1	..	326 16 1
45. Garfield	(A) 8,954 2 0 (B) 27 4 9	12 4 10	1,295 17 3	3 17 6	(A) 381 5 7	822 19 10	8,993 11 7	1,295 17 3	48 11 4	778 6 0	..	381 5 7
46. Hastings	(A) 14,582 5 2 (B) 6 4 10	12 1 0	1,852 16 4	2 1 1	(A) 510 19 10	..	14,600 11 0	1,852 16 4	35 15 9	..	28 11 5	448 13 9
47. Hopetoun	(A) 10,645 4 11 (B) 23 17 8	30 4 9	765 16 5	4 0 6	(A) 580 2 10	1,722 13 6	10,699 6 2	765 16 5	344 1 7	1,382 13 7	..	580 2 10
48. Jung Jung	(A) 3,379 12 4 (B) 1 12 6	..	602 2 0	0 4 7	(A) 1,158 1 9 (B) 20 1 0	..	3,381 4 10	602 2 0	18 10 8	..	619 13 9	540 2 11
49. Koondrook	(A) 6,165 6 11	..	803 9 4	0 10 0	(A) 3,311 3 8 (B) 195 2 9	..	6,165 6 11	803 9 4	380 13 7	..	2,717 5 7	408 17 3

50. Lake Boga	(A)	6,121 6 4	1 1 5	884 12 4	1 3 5	(A)	2,677 16 0	..	6,216 17 7	884 12 4	253 7 6	..	2,272 6 5	558 14 5
	(B)	95 11 3				(B)	404 7 6							
51. Lalbert	(A)	4,543 2 9	35 5 1	408 19 5	..	(A)	1,187 5 7	..	4,677 6 5	408 19 5	130 19 3	..	1,363 12 5	43 8 7
	(B)	98 18 7				(B)	350 14 8							
52. Lascelles	(A)	4,490 9 6	5 12 7	99 19 8	0 10 4	(A)	667 5 10	..	4,513 1 1	99 19 8	60 16 0	..	225 12 0	411 15 11
	(B)	17 2 5				(B)	30 4 4							
53. Manangatang	(A)	3,520 19 9	102 15 9	150 16 5	..	..		290 3 2	5,250 8 9	150 16 5	283 7 2	15 9 0	..	..
	(B)	1,635 6 3												
54. Meringur	(A)	1,757 1 4	0 0 1	218 7 2	0 2 6	(A)	521 15 7	..	1,761 8 0	218 7 2	467 4 11	..	186 8 9	..
	(B)	4 6 8				(B)	131 15 6							
55. Mitiamo	(A)	2,072 16 2	2,982 17 4	464 10 6	..	(A)	1,575 3 0	..	5,055 13 6	464 10 6	15 0 5	..	1,560 2 7	..
56. Nandaly	(A)	2,117 12 11	..	16 7 11	..	(A)	526 0 9	..	2,120 17 11	16 7 11	19 5 5	..	557 19 6	..
	(B)	3 5 0				(B)	51 4 2							
57. Newstead	(A)	5,800 5 2	115 5 2	701 5 0	..	(A)	1,940 0 5	..	7,622 4 8	701 5 0	66 11 11	..	1,967 3 8	..
	(B)	1,763 13 10				(B)	36 15 8							
58. Nullawil	(A)	3,370 15 4	40 1 4	58 13 0	0 0 6	(A)	97 17 8	..	3,686 18 2	58 13 0	44 9 1	..	58 4 1	..
	(B)	280 16 6												
59. Nyah	(A)	691 7 6	2 8 10	368 2 11	0 2 0	(A)	48 2 10	137 2 8	693 16 4	368 2 11	83 4 8	54 0 0	.	48 2 10
60. Nyah West	(A)	6,057 10 1	0 8 10	1,505 15 1	0 0 6	..		1,063 16 0	6,057 18 11	1,505 15 1	306 2 11	757 13 7	..	..
61. Ouyen	(A)	21,282 11 7	87 16 8	772 11 5	1 8 4	(A)	276 3 0	397 6 8	21,431 3 6	772 11 5	674 18 0	..	..	..
	(B)	60 15 3												
62. Patchewollock	(A)	3,703 9 9	0 1 4	139 3 10	0 10 0	..		488 13 7	3,705 3 7	139 3 10	431 12 11	57 10 8	..	..
	(B)	1 12 6												
63. Piangil	(A)	7,384 1 3	..	0 5 1	0 1 6	(A)	659 9 2	..	7,384 1 3	0 5 1	555 9 7	..	104 1 1	..
64. Portarlington	(A)	28,049 5 7	1 15 6	2,626 16 7	..	(A)	4,446 7 6	..	28,127 18 2	2,626 16 7	181 7 1	..	2,642 14 9	1,724 12 7
	(B)	77 14 6				(B)	101 9 6							
65. Quambatook	(A)	4,816 11 11	19 18 1	65 16 10	0 8 1	..		328 17 3	4,839 14 11	65 16 10	98 18 0	230 7 4	..	..
	(B)	3 4 11												
66. Sea Lake	(A)	6,182 6 6	141 4 3	800 12 1	0 3 6	..		496 8 1	7,826 5 3	800 12 1	302 10 3	224 10 2	..	..
	(B)	1,533 3 4												
67. Speed	(A)	2,847 0 5	..	360 14 3	8 0 2	(A)	239 9 11	..	2,847 18 2	360 14 3	96 3 10	..	368 18 8	..
	(B)	0 17 9				(B)	217 12 5							
68. Tempy	(A)	2,625 13 7	0 3 5	317 0 4	0 7 0	(A)	314 17 11	..	2,643 7 7	317 0 4	335 14 11	..	27 6 2	..
	(B)	17 13 7				(B)	47 13 2							
69. Torquay	(A)	34,251 7 0	42 0 4	1,335 13 4	1 0 0	(A)	1,917 12 3	20 4 1	34,437 3 2	1,335 13 4	183 8 9	..	..	1,755 7 7
	(B)	143 15 10												
70. Ultima	(A)	6,561 0 8	0 3 5	313 18 10	0 1 6	(A)	1,207 18 0	..	6,578 7 4	313 18 10	496 11 1	..	957 2 1	..
	(B)	17 6 8				(B)	245 10 3							
71. Waitchie	(A)	2,520 14 4	..	241 6 9	3 4 4	(A)	1,189 11 11	..	2,520 14 4	241 6 9	1,050 14 2	..	266 19 10	498 8 2
						(B)	623 5 11							
72. Walpeup	(A)	2,043 7 9	6 9 2	177 19 2	..	(A)	158 15 10	..	2,073 18 2	177 19 2	123 16 6	..	35 1 6	..
	(B)	24 3 5												
73. Werrimull	(A)	4,852 15 4	3 3 6	439 11 3	0 2 6	(A)	822 15 9	..	4,857 11 4	439 11 3	628 6 0	..	60 3 3	284 19 8
	(B)	1 12 6				(B)	150 10 8							
74. Wonthaggi	(A)	65,942 12 7	372 18 7	5,296 12 0	51 6 11	..		6,084 1 11	75,407 8 1	5,296 12 0	1,728 3 10	4,407 5 0	..	..
	(B)	9,091 16 11												
75. Woomelang	(A)	9,233 14 5	37 1 10	899 3 9	0 14 5	(A)	805 1 5	581 6 2	9,286 3 11	899 3 9	49 18 0	532 2 7	..	805 1 5
	(B)	15 7 8												
76. Woorinen	(A)	5,510 8 8	30 15 9	255 12 4	3 17 11	(A)	225 4 0	..	6,125 2 10	255 12 4	230 13 11	..	305 1 10	..
	(B)	585 9 2				(B)	305 3 1							
77. Wycheproof	(A)	18,199 9 4	16 12 0	2,151 13 1	7 10 11	(A)	1,286 14 0	..	18,216 1 4	2,151 13 1	200 3 4	..	1,245 4 10	..
						(B)	151 3 3							
78. Yaapeet	(A)	2,297 15 9	3 16 8	127 0 11	..	(A)	158 3 7	..	2,305 6 9	127 0 11	161 16 4	..	148 5 8	..
	(B)	3 14 4				(B)	151 18 5							
Totals	(A)	400,477 10 5	4,270 3 3	33,389 2 2	101 13 8	(A)	36,685 16 3	16,755 19 9	422,595 18 5	33,389 2 2	13,636 18 1	11,222 19 3	21,230 7 8	12,406 9 9
	(B)	17,953 12 10				(B)	4,847 17 0							
Grand Totals ..	(A)	1,319,263 8 2	22,921 12 2	156,019 6 9	321 15 7	(A)	50,883 2 1	139,331 17 8	1,930,574 16 5	156,019 6 9	28,774 6 0	121,974 6 0	31,029 14 7	26,603 15 7
	(B)	590,086 18 2				(B)	16,148 4 9							
			£2,294,976 5s. 4d.						£2,294,976 5s. 4d.					

DISTRICT BALANCE SHEETS AS AT 30TH JUNE, 1949.

District.	Liabilities.						Assets.					
	Capital borne by State.	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.
FLOOD PROTECTION DISTRICTS.												
1. Cardinia	105,404 3 3	..	..	1 2 4	(A) 3,303 19 2	5,097 6 5	105,404 3 3	..	1,162 12 1	3,395 16 8	..	3,303 19 2
2. Kanyapella	3,885 1 5	64 4 2	..	0 0 6	..	1,743 15 8	3,949 5 7	..	46 19 2	1,696 17 0	..	..
3. Loch Garry	18,621 18 11	..	..	..	..	3,798 7 5	18,621 18 11	..	171 16 5	3,626 11 0	..	..
4. Lower Kooweerup ..	334,262 19 7	..	..	17 17 7	(A) 7,949 1 8 (B) 1,132 7 9	385 11 11	334,262 19 7	..	1,535 17 3	..	..	7,949 1 8
Totals	462,174 3 2	64 4 2	..	19 0 5	(A) 11,253 0 10 (B) 1,132 7 9	11,025 1 5	462,238 7 4	..	2,917 4 11	9,259 4 8	..	11,253 0 10
	£485,667 17s. 9d.						£485,667 17s. 9d.					

DISTRICT BALANCE SHEETS AS AT 30TH JUNE, 1949.

District.	Liabilities.					Assets.					
	Capital Borne by State.	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.
DRAINAGE DISTRICTS.											
1. Carrum	25,429 2 0	..	2 14 5	..	1,111 3 5	25,429 2 0	..	555 13 1	558 4 9	..	..
2. Dingee (proposed)	16,936 8 8	..	..	..	..	16,936 8 8	..	..	..	..	..
3. Tresco (proposed)	1,449 11 1	..	..	..	..	1,449 11 1	..	..	..	..	..
Totals	43,815 1 9	..	2 14 5	..	1,111 3 5	43,815 1 9	..	555 13 1	558 4 9	..	..
The Districts set out hereunder are those whose works will not produce sufficient revenue to cover the expense of the maintenance and management thereof. 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 Order in Council, dated 14th June, 1943, under the provisions of Section 6, *Water Act* 1937, No. 4513.)											
4. Cohuna	13,321 0 5	..	6 1 0	(A) 3,645 13 5	..	13,321 0 5	..	101 19 7	..	3,025 17 2	523 17 8
5. Kerang East	1,278 13 9	..	..	(A) 424 14 0	5,063 5 5	1,278 13 9	..	601 8 2	4,461 17 3	..	424 14 0
6. Maffra-Sale	2,228 15 6	..	..	(B) 2,505 4 11 (A) 8,464 13 2	..	2,228 15 6	..	22 2 0	..	10,947 16 1	..
7. Merbein	1,158 0 10	7,001 13 7	3 9 0	(B) 396 12 8 (A) 916 13 4	..	1,158 0 10	7,001 13 7	77 5 3	..	1,003 6 11	236 2 10
8. Murrabit	3,615 4 7	..	..	(A) 4,314 16 9	..	3,615 4 7	..	57 2 7	..	4,257 14 2	..
9. Nyah	46,690 13 6	711 13 7	..	(A) 437 15 2	..	46,690 13 6	711 13 7	90 17 8	..	346 17 6	..
10. Red Cliffs	2,128 2 9	11,453 5 10	..	(A) 1,959 5 9	..	2,128 2 9	11,453 5 10	29 19 0	..	1,775 19 7	153 7 2
11. Rochester	5,378 19 2	..	6 0 0	(A) 9,088 6 8 (B) 947 0 1	..	5,378 19 2	..	436 7 3	..	8,426 2 9	1,178 16 9
12. Rodney	35,307 13 10	..	..	(B) 40 3 8 (A) 325 4 3	255 0 11	35,307 13 10	..	295 4 7	..	..	325 4 3
13. Shepparton	18,551 18 8	..	..	(B) 1,003 5 6 (A) 5,662 10 10	..	18,551 18 8	..	77 16 0	..	6,185 8 8	402 11 8
14. Tongala-Stanhope	5,084 14 6	..	7 7 0	(A) 43,937 2 3 (B) 2,527 9 9	..	5,084 14 6	..	547 17 7	..	45,404 0 8	520 0 9
15. Werribee	168 19 2	..	3 1 6	(A) 43 16 3	688 10 1	168 19 2	..	..	691 11 7	..	43 16 3
16. Woorinen	1,326 16 5	2,120 6 2	0 19 0	(A) 3,727 6 2	..	1,326 16 5	2,120 6 2	243 15 4	..	3,484 9 10	..
Totals	136,239 13 1	21,286 19 2	26 17 6	(A) 82,947 18 0 (B) 7,419 16 7	6,006 16 5	136,239 13 1	21,286 19 2	2,581 15 0	5,153 8 10	84,857 13 4	3,808 11 4
Grand Totals	180,054 14 10	21,286 19 2	29 11 11	(A) 82,947 18 0 (B) 7,419 16 7	7,117 19 10	180,054 14 10	21,286 19 2	3,137 8 1	5,711 13 7	84,857 13 4	3,808 11 4
	£298,857 0s. 4d.					£298,857 0s. 4d.					

SUMMARY OF DISTRICT BALANCE SHEETS AS AT 30TH JUNE, 1949.

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) 59,529 6 8 (B) 17,636 8 0	78 8 2	1,575 0 0	..	(B) 20,793 6 2	..	77,166 4 9	1,575 0 0	13,740 0 7	..	7,131 3 8	..
Coliban System	(A) 1,732,331 1 3 (B) 293,222 18 4	9,457 3 7	56,367 17 5	133 10 4	(A) 912,349 12 8 (B) 15,634 15 5	..	2,025,801 0 2	56,367 17 5	6,744 9 3	..	102,209 13 4	828,373 18 10
Irrigation Districts ..	(A) 14,968,893 10 0	26,089 8 5	142,335 18 0	620 10 6	(A) 833,882 5 2 (B) 202,382 15 2	173,334 9 9	14,994,982 18 5	142,335 18 0	97,760 5 4	124,960 0 7	319,115 2 11	668,384 11 9
Irrigation Urban Divisions ..	(A) 58,943 0 5 (B) 14,939 9 5	826 9 9	6,692 10 8	30 3 8	(A) 3,761 7 10 (B) 441 3 3	9,307 10 5	74,695 0 1	6,692 10 8	1,042 17 8	8,411 4 8	2,762 7 11	1,337 14 5
Waterworks Districts ..	(A) 4,744,604 3 7 (B) 238,033 5 5	22,049 17 8	91,694 9 10	474 6 0	(A) 2,086,256 9 4 (B) 216,032 15 4	61,308 1 1	5,004,029 15 8	91,694 9 10	128,259 10 7	54,682 8 10	1,504,098 15 2	677,688 8 2
Waterworks Urban Districts	(A) 1,319,263 8 2 (B) 590,086 18 2	22,921 12 2	156,019 6 9	321 15 7	(A) 50,883 2 1 (B) 16,148 4 9	139,331 17 8	1,930,574 16 5	156,019 6 9	28,774 6 0	121,974 6 0	31,029 14 7	26,603 15 7
Flood Protection Districts ..	(A) 462,174 3 2	64 4 2	..	19 0 5	(A) 11,253 0 10 (B) 1,132 7 9	11,025 1 5	462,238 7 4	..	2,917 4 11	9,259 4 8	..	11,253 0 10
Drainage Districts	(A) 180,054 14 10	..	21,286 19 2	29 11 11	(A) 82,947 18 0 (B) 7,464 11 10	7,117 19 10	180,054 14 10	21,286 19 2	3,137 8 1	5,711 13 7	84,857 13 4	3,808 11 4
Totals	(A) 23,525,793 8 1 (B) 1,153,918 19 4	81,487 3 11	475,972 1 10	1,628 18 5	(A) 3,981,333 15 11 (B) 479,985 4 5	401,425 0 2	24,749,542 17 8	475,972 1 10	282,376 2 5*	324,998 18 4	2,051,204 10 11	2,217,450 0 11
	£30,101,544 12s. 1d.						£30,101,544 12s. 1d.					

* Exclusive of Diversions Branch.

Statement of Revenue setting out Arrears as at 1st July, 1948, and as at 30th June, 1949.

—	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, 1948	**327,218**	156,739	12,051	79,625	13,338	11,844	918	2,345	352	1,395	135	44,901	689	2,886
Assessments 1948–49	**640,374**	..	..	340,108	..	256,055	..	36,826	..	7,385	..	..	..	..
Additional Water Sales, and Interest Charges to 30th June, 1949	**229,788**	..	1,791	..	4,960	..	1,120	..	203	..	86	174,395	433	46,800
Total Amount Collectable, 1948-49	**1,197,380**	156,739	13,842	419,733	18,298	267,899	2,038	39,171	555	8,780	221	219,296	1,122	46,686
Deduct—														
(i) Revenue Collected 1948–49 ..	**902,156**	43,379	1,307	347,437	5,426	247,799	1,168	36,762	208	7,663	95	163,680	396	46,836
(ii) Credits Absorbed	**3,586**	7	..	747	1	133	..	6	..	11	..	467	..	2,214
Balance	**291,638**	113,353	12,535	71,549	12,871	19,967	870	2,403	347	1,106	126	55,149	726	636
Add—Amounts Overpaid	**3,634**	6	2	790	4	106	..	29	..	18	..	594	..	2,085
Total — Gross Arrears at 30th June, 1949	**295,272**	113,359	12,537	72,339	12,875	20,073	870	2,432	347	1,124	126	55,743	726	2,721
Deduct—Amounts recommended for Writing off 1948–49	**23,951**	766	2,227	9,794	861	8,624	2	62	22	16	..	615	65	897
Balance — Net Arrears as at 30th June, 1949..	**271,321**	112,593	10,310	62,545	12,014	11,449	868	2,370	325	1,108	126	55,128	661	1,824

This Statement is subject to Audit and minor adjustments.

WATER SUPPLY WORKS DEPRECIATION ACCOUNTS AS AT 30TH JUNE, 1949.

District.	Balance at 1st July, 1948.	Amounts Paid into Account 1948-49.	Interest Credited 1948-49.	Total.	Expenditure 1948-49.	Balance in Account at 30th June, 1949.
	£ s. d.	£ s. d.	£ s. d.	£ s. d.	£ s. d.	£ s. d.
IRRIGATION AND WATER SUPPLY DISTRICTS.						
Bacchus Marsh	241 6 7	18 0 0	6 0 8	265 7 3	..	265 7 3
Boort	368 9 5	*36 6 7	9 4 3	414 0 3	..	414 0 3
Calivil	162 5 5	13 0 0	4 1 2	179 6 7	..	179 6 7
Cohuna	329 15 1	..	3 8 4	333 3 5	..	333 3 5
Dingee	125 4 0	10 0 0	3 2 7	138 6 7	..	138 6 7
Katandra	150 18 1	12 0 0	3 15 5	166 13 6	..	166 13 6
Kerang	68 12 0	*24 5 7	1 14 4	94 11 11	..	94 11 11
Maffra-Sale	1,746 18 11	*140 5 1	43 13 6	1,930 17 6	..	1,930 17 6
Merbein	35,781 0 10	3,223 0 0	888 6 0	39,892 6 10	248 19 4	39,643 7 6
Murray Valley	463 4 6	*105 12 2	11 11 7	580 8 3	..	580 8 3
North Shepparton	350 4 6	*34 19 7	8 15 1	393 19 2	..	393 19 2
Nyah	8,128 1 9	672 0 0	203 4 1	9,003 5 10	..	9,003 5 10
Red Cliffs	59,879 12 10	8,929 0 0	1,457 12 6	70,266 5 4	1,574 11 11	68,691 13 5
Rochester	1,739 0 5	*167 9 8	43 9 6	1,949 19 7	..	1,949 19 7
Rodney	2,100 16 3	*228 6 0	52 10 5	2,381 12 8	..	2,381 12 8
Shepparton	1,119 0 6	*78 1 10	25 11 11	1,222 14 3	95 3 3	1,127 11 0
South Shepparton	124 10 8	10 0 0	3 2 3	137 12 11	..	137 12 11
Swan Hill	5,190 13 6	*367 9 1	104 3 0	5,662 5 7	..	5,662 5 7
Tongala-Stanhope	1,472 14 2	*169 14 4	36 16 4	1,679 4 10	..	1,679 4 10
Tragowel Plains	856 4 7	69 0 0	21 8 1	946 12 8	..	946 12 8
Tresco	4,820 11 1	417 0 0	120 10 3	5,358 1 4	..	5,358 1 4
Werribee	1,122 6 1	*107 9 0	28 1 2	1,257 16 3	..	1,257 16 3
Totals	126,341 11 2	14,832 18 11	3,080 2 5	144,254 12 6	1,918 14 6	142,335 18 0

* Direct Contributions to Depreciation Fund—Boort, £9 6s. 7d.; Kerang, £24 5s. 7d.; Maffra-Sale, £10 5s. 1d.; Murray Valley, £105 12s. 2d.; North Shepparton, £8 19s. 7d.; Rochester, £50 9s. 8d.; Rodney, £100 6s. 0d.; Shepparton, £31 1s. 10d.; Swan Hill, £27 9s. 1d.; Tongala-Stanhope £63 14s. 4d.; Werribee £25 9s. 0d.

URBAN DIVISIONS OF IRRIGATION AND WATER SUPPLY DISTRICTS.						
Bacchus Marsh	1,518 3 6	126 0 0	37 19 1	1,682 2 7	..	1,682 2 7
Cohuna	865 1 0	99 0 0	20 10 3	984 11 3	44 9 6	940 1 9
Corop	75 2 4	6 0 0	1 17 7	82 19 11	..	82 19 11
Dingee	90 8 1	14 0 0	2 5 2	106 13 3	..	106 13 3
Heyfield	1,435 3 0	115 0 0	35 17 7	1,586 0 7	..	1,586 0 7
Leitchville	562 3 1	45 0 0	14 0 11	621 4 0	..	621 4 0
Lockington	376 10 11	61 0 0	8 12 9	446 3 8	31 1 9	415 1 11
Macorna	..	58 10 5	..	58 10 5	58 10 5	..
Murrabit	354 13 6	33 0 0	8 17 4	396 10 10	..	396 10 10
Red Cliffs	..	193 0 0	..	193 0 0	*Cr.* 274 8 4	467 8 4
Stanhope	350 12 2	35 0 0	8 15 4	394 7 6	..	394 7 6
Totals	5,627 17 7	785 10 5	138 16 0	6,552 4 0	*Cr.* 140 6 8	6,692 10 8
WATERWORKS DISTRICTS.						
Carwarp	2,225 11 2	240 0 0	54 11 1	2,520 2 3	43 9 2	2,476 13 1
Carwarp Central	238 3 7	20 0 0	5 15 7	263 19 2	..	263 19 2
Coreena	9,190 5 3	795 0 0	229 15 2	10,215 0 5	..	10,215 0 5
Harcourt	76 19 3	25 0 0	1 18 6	103 17 9	..	103 17 9
Hindmarsh	1,917 0 4	139 0 0	43 0 10	2,099 1 2	..	2,099 1 2
Long Lake	2,023 0 2	175 0 0	50 11 6	2,248 11 8	..	2,248 11 8
Millewa	33,782 15 8	2,988 0 0	788 15 8	37,559 11 4	2,271 9 6	35,288 1 10
Millewa Central	3,243 14 5	1,224 0 0	75 9 7	4,543 4 0	224 11 10	4,318 12 2
Mornington Peninsula	..	186 0 0	..	186 0 0	75 16 8	110 3 4
Otway	19,017 8 2	1,924 0 0	475 8 8	21,416 16 10	..	21,416 16 10
Tyntynder	244 16 8	21 0 0	6 2 5	271 19 1	..	271 19 1
Tyrrell	497 1 7	43 0 0	12 8 6	552 10 1	..	552 10 1
Tyrrell West	2,635 13 11	228 0 0	65 17 10	2,929 11 9	..	2,929 11 9
Upper Western Wimmera	169 1 2	..	..	169 1 2	..	169 1 2
Walpeup West	2,043 4 8	260 0 0	23 19 5	2,327 4 1	1,084 7 3	1,242 16 10
Western Wimmera	6,884 1 0	595 0 0	172 2 0	7,651 3 0	..	7,651 3 0
Wimmera United	397 9 6	33 0 0	9 18 9	440 8 3	..	440 8 3
Totals	84,586 6 6	8,896 0 0	2,015 15 6	95,498 2 0	3,699 14 5	91,798 7 7
URBAN DISTRICTS OF WATERWORKS DISTRICTS.						
Allansford	138 13 0	20 0 0	3 9 4	162 2 4	..	162 2 4
Anglesea	698 17 6	56 0 0	17 9 5	772 6 11	..	772 6 11
Antwerp	30 1 3	2 0 0	0 12 6	32 13 9	..	32 13 9
Barwon Heads and Ocean Grove	2,114 2 5	279 0 0	52 17 1	2,445 19 6	..	2,445 19 6
Berriwillock	200 6 8	16 0 0	5 0 2	221 6 10	..	221 6 10
Berwick	2,644 5 4	263 0 0	66 2 2	2,973 7 6	..	2,973 7 6
Beulah	207 19 1	23 0 0	5 4 0	236 3 1	..	236 3 1
Birchip	1,027 8 10	84 0 0	25 13 9	1,137 2 7	..	1,137 2 7
Birregurra	..	77 0 0	..	77 0 0	..	77 0 0
Bittern	316 5 6	34 0 0	7 18 2	358 3 8	..	358 3 8
Brim	405 12 7	31 0 0	9 13 11	446 6 6	..	446 6 6
Bunyip	1,525 9 9	144 0 0	38 2 9	1,707 12 6	..	1,707 12 6
Camperdown	6,200 6 8	638 0 0	155 0 2	6,993 6 10	..	6,993 6 10
Carwarp	121 8 7	6 0 0	1 16 5	129 5 0	..	129 5 0
Chelsea-Frankston	32,492 17 10	3,458 0 0	699 18 0	36,650 15 10	4,494 18 0	32,155 17 10
Chillingollah	119 14 5	8 0 0	2 8 7	130 3 0	..	130 3 0
Chinkapook	132 9 3	8 0 0	1 14 10	142 4 1	62 14 8	79 9 5
Cobden	1,495 11 3	155 0 0	37 7 9	1,687 19 0	..	1,687 19 0

WATER SUPPLY WORKS DEPRECIATION ACCOUNTS AS AT 30TH JUNE, 1949—*continued.*

District.	Balance at 1st July, 1948.	Amounts Paid into Account 1948-49.	Interest Credited 1948-49.	Total.	Expenditure 1948-49.	Balance in Account at 30th June, 1949.
	£ s. d.	£ s. d.	£ s. d.	£ s. d.	£ s. d.	£ s. d.
URBAN DISTRICTS OF WATERWORKS DISTRICTS—*continued.*						
Coliban	62,308 16 4	7,691 0 0	1,171 14 2	71,171 10 6	15,440 8 9	55,731 1 9
Cranbourne	1,240 15 9	101 0 0	31 0 5	1,372 16 2	..	1,372 16 2
Crib Point	871 17 9	129 0 0	21 15 11	1,022 13 8	..	1,022 13 8
Culgoa	227 18 10	18 0 0	5 12 8	251 11 6	..	251 11 6
Dandenong–Springvale	26,224 10 10	2,320 0 0	649 4 1	29,193 14 11	256 8 4	28,937 6 7
Dimboola	1,425 11 5	607 10 5	..	2,033 1 10	2,033 1 10	..
Dooen	137 12 0	11 0 0	3 8 10	152 0 10	..	152 0 10
Dromana–Portsea	11,299 10 1	1,535 0 0	282 9 9	13,116 19 10	..	13,116 19 10
Drysdale	1,036 0 11	83 0 0	25 18 0	1,144 18 11	..	1,144 18 11
Garfield	1,155 19 3	111 0 0	28 18 0	1,295 17 3	..	1,295 17 3
Hastings	1,650 11 1	161 0 0	41 5 3	1,852 16 4	..	1,852 16 4
Hopetoun	687 12 7	61 0 0	17 3 10	765 16 5	..	765 16 5
Jeparit	385 4 4	39 0 0	6 0 8	430 5 0	143 18 2	286 6 10
Jung Jung	543 10 3	45 0 0	13 11 9	602 2 0	..	602 2 0
Koondrook	721 8 7	64 0 0	18 0 9	803 9 4	..	803 9 4
Lake Boga	871 18 6	68 0 0	19 13 0	959 11 6	74 19 2	884 12 4
Lalbert	358 0 5	42 0 0	8 19 0	408 19 5	..	408 19 5
Lascelles	77 1 2	21 0 0	1 18 6	99 19 8	..	99 19 8
Longwarry	1,167 9 11	113 0 0	29 3 9	1,309 13 8	..	1,309 13 8
Manangatang	173 9 7	33 0 0	3 17 0	210 6 7	59 10 2	150 16 5
Marong	481 17 0	39 0 0	12 0 11	532 17 11	..	532 17 11
Marnoo	571 7 0	33 0 0	10 6 7	614 13 7	..	614 13 7
Merbein	1,645 0 2	137 0 0	15 13 8	1,797 13 10	1,017 13 3	780 0 7
Meringur	201 7 5	13 0 0	3 19 9	218 7 2	..	218 7 2
Minyip	606 6 5	75 0 0	15 3 2	696 9 7	..	696 9 7
Mitiamo	476 6 11	39 0 0	10 7 7	525 14 6	61 4 0	464 10 6
Mornington	7,355 15 1	848 0 0	176 12 6	8,380 7 7	290 15 7	8,089 12 0
Nandaly	11 12 8	9 0 0	0 3 7	20 16 3	4 8 4	16 7 11
Natimuk	626 0 2	50 0 0	15 13 0	691 13 2	..	691 13 2
Newstead	634 7 10	51 0 0	15 17 2	701 5 0	..	701 5 0
Nullawill	47 9 3	10 0 0	1 3 9	58 13 0	..	58 13 0
Nyah	329 2 3	31 0 0	8 0 8	368 2 11	..	368 2 11
Nyah West	1,443 18 7	116 0 0	33 17 11	1,593 16 6	88 1 5	1,505 15 1
Ouyen	761 4 8	111 0 0	16 2 9	888 7 5	115 16 0	772 11 5
Pakenham	2,781 7 7	231 0 0	69 10 8	3,081 18 3	..	3,081 18 3
Patchewollock	119 4 3	17 0 0	2 19 7	139 3 10	..	139 3 10
Piangil	300 8 9	52 0 0	..	352 8 9	352 3 8	0 5 1
Portarlington	2,372 10 4	195 0 0	59 6 3	2,626 16 7	..	2,626 16 7
Pyramid Hill	426 9 0	39 0 0	10 13 3	476 2 3	..	476 2 3
Quambatook	537 16 2	43 0 0	0 11 2	581 7 4	515 10 6	65 16 10
Queenscliff and Point Lonsdale ..	4,079 10 8	514 0 0	97 18 8	4,691 9 4	162 4 8	4,529 4 8
Rainbow	565 0 11	48 0 0	14 2 6	627 3 5	..	627 3 5
Rupanyup	572 3 6	57 0 0	14 6 1	643 9 7	..	643 9 7
Sea Lake	707 18 2	75 0 0	17 13 11	800 12 1	..	800 12 1
Somerville	716 5 8	59 0 0	17 18 2	793 3 10	..	793 3 10
South Frankston	2,820 0 7	312 0 0	70 10 0	3,202 10 7	..	3,202 10 7
Speed	335 16 7	19 0 0	5 17 8	360 14 3	..	360 14 3
Tempy	294 14 3	17 0 0	5 6 1	317 0 4	..	317 0 4
Terang	4,940 0 5	506 0 0	123 10 0	5,569 10 5	..	5,569 10 5
Torquay	1,208 9 1	97 0 0	30 4 3	1,335 13 4	..	1,335 13 4
Ultima	271 3 3	36 0 0	6 15 7	313 18 10	..	313 18 10
Waitchie	217 17 10	18 0 0	5 8 11	241 6 9	..	241 6 9
Walpeup	160 18 8	13 0 0	4 0 6	177 19 2	..	177 19 2
Watchem	468 17 11	35 0 0	8 0 5	511 18 4	148 0 4	363 18 0
Werrimull	387 17 4	42 0 0	9 13 11	439 11 3	..	439 11 3
Wonthaggi	4,763 10 3	414 0 0	119 1 9	5,296 12 0	..	5,296 12 0
Woomelang	813 16 10	65 0 0	20 6 11	899 3 9	..	899 3 9
Woorinen	234 13 11	16 0 0	4 18 5	255 12 4	..	255 12 4
Wycheproof	1,963 17 2	143 0 0	44 15 11	2,151 13 1	..	2,151 13 1
Yaapeet	106 7 9	18 0 0	2 13 2	127 0 11	..	127 0 11
Totals	209,795 1 9	23,198 10 5	4,611 11 1	237,605 3 3	25,321 16 10	212,283 6 5
DRAINAGE DISTRICTS.						
Merbein	6,308 19 1	535 0 0	157 14 6	7,001 13 7	..	7,001 13 7
Nyah	601 12 9	95 0 0	15 0 10	711 13 7	..	711 13 7
Red Cliffs	10,316 7 8	879 0 0	257 18 2	11,453 5 10	..	11,453 5 10
Woorinen	1,860 15 9	213 0 0	46 10 5	2,120 6 2	..	2,120 6 2
Totals	19,087 15 3	1,722 0 0	477 3 11	21,286 19 2	..	21,286 19 2
BUILDINGS.						
Buildings	11,235 13 0	10,000 0 0	280 13 6	21,516 6 6	8 12 8	21,507 13 10
Totals	11,235 13 0	10,000 0 0	280 13 6	21,516 6 6	8 12 8	21,507 13 10
PLANT WORKSHOPS.						
Bendigo	..	1,575 0 0	..	1,575 0 0	..	1,575 0 0
Totals	..	1,575 0 0	..	1,575 0 0	..	1,575 0 0
Grand Totals	456,674 5 3	61,009 19 9	10,604 2 5	528,288 7 5	30,808 11 9	497,479 15 8

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 1947–48		456,674 5 3
Paid into Account 1948–49 ..	60,553 0 10	
Paid by Commission direct to Fund 1948–49	456 18 11	
		61,009 19 9
		517,684 5 0
Interest credited 1948–49		10,604 2 5
		528,288 7 5
Less expenditure 1948–49		30,808 11 9
		497,479 15 8

Water Supply Works Depreciation Fund (in Treasury).

	£ s. d.	£ s. d.	£ s. d.
Credit Balance as at 30th June, 1948		117,059 11 6	
Investments redeemed 1948–49		20,341 8 11	
Paid by Commission direct to Fund 1948–49		456 18 11	
Amount transferred to Fund by Treasury 1948–49		..	
Interest earned in Investment Account 1948–49		8,440 6 7	
		146,298 5 11	
Less—	£ s. d.		
Expenditure 1948–49	30,808 11 9		
Amount Invested by Treasury 1948–49	100,000 0 0		
		130,808 11 9	
			15,489 14 2
Amount at credit of Sundry Investment Account			341,000 0 0
Amount credited to Account in Commission's books — not credited to Fund by Treasury at 30th June, 1948 ..		64,325 14 0	
Add Amount paid to Revenue 1948–49		60,553 0 10	
		124,878 14 10	
Less Amount transferred to Fund by Treasury 1948–49 ..		..	
		124,878 14 10	
Add—	£ s. d.		
Total Interest credited to Account in Commission books at 30th June, 1949..	57,694 13 7		
Less—			
Amount credited to Fund by Treasury at 30th June, 1949 ..	41,583 6 11		
		16,111 6 8	
Amount not credited to Fund by Treasury at 30th June, 1949			140,990 1 6
			497,479 15 8

WATER SUPPLY PLANT AND MACHINERY ACCOUNT (ACT 4761).

SUMMARY OF OPERATING TRANSACTIONS FOR YEAR ENDED 30TH JUNE, 1949.

	£ s. d.	£ s. d.
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 £515,211 13 9 as at 30th June, 1949		
Interest	12,104 2 5	
Redemption ..	1,007 11 10	
Depreciation ..	37,396 15 5	
Cost of Operation, Maintenance and Repairs	73,400 19 0	
		123,909 8 8
Interest—Depreciation Fund Investment..		3,103 6 5
Balance from 1947–48		65,029 19 5
		192,042 14 6

	£ s. d.	£ s. d.
Interest due for year paid to Revenue No. 2 to 30th June, 1949 ..		14,756 4 0
Redemption paid to Revenue No. 9, Miscellaneous, to 30th June, 1949 ..		1,218 18 5
Water Supply Plant and Machinery Depreciation Fund (in Treasury)	36,074 6 10	
Interest on Fund Investment ..	3,103 6 5	
		39,177 13 3
Cost of Operation, Maintenance, Repairs, &c.		43,914 16 0
Stores Suspense Account Reserve ..		92,975 2 10
		192,042 14 6

WATER SUPPLY PLANT AND MACHINERY ACCOUNT (ACT 4761).

SUMMARY OF CAPITAL TRANSACTIONS FOR YEAR ENDED 30TH JUNE, 1949.

	£ s. d.	£ s. d.	£ s. d.	£ s. d.
Plant and Machinery—				
Debit Balance in Account as at 30th June, 1948		458,703 17 1		
Add—Purchases of Plant during year 1948–49		60,063 15 6		
			518,767 12 7	
Deduct—				
Redemption paid to Treasury 30th June, 1949		1,218 18 5		
Repayments to State Loans Repayment Fund		2,337 0 5		
			3,555 18 10	
Total Capital Liability			515,211 13 9	

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

Plant and Machinery—		
Payments to 30th June, 1948	31,603 19 11	
Amount due and paid for year 1948–49	14,756 4 0	
	46,360 3 11	

RECONCILIATION OF WATER SUPPLY PLANT AND MACHINERY DEPRECIATION 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, 1948 ..		128,604 3 3
Paid in to Account 1948–49—		
Proceeds from Hire of Plant ..	36,074 6 10	
Other Credits to Account		
	36,074 6 10	
Less Expenditure for replacement of Plant	437 13 11	
	35,636 12 11	
Add—Interest Credited for year 1948–49	3,103 6 5	
		38,739 19 4
		167,344 2 7

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

	£ s. d.	£ s. d.
Balance as per Treasury General Account at 30th June, 1948		33,545 6 11
Less Amount transferred by Treasury to Investment Account during 1948–49		30,000 0 0
		3,545 6 11
Payments to Fund during 1948–49	36,074 6 10	
Interest credited by Treasury on Investments for year 1948–49 .	2,995 12 3	
	39,069 19 1	
Less Withdrawal for replacement of Plant	437 13 11	
		38,632 5 2
Balance as per Treasury General Account as at 30th June, 1949.. ..		42,177 12 1
Amount Invested in Treasury Investment Account		123,000 0 0
Interest earned but not yet transferred to Fund—		
As at 30th June, 1948 ..	7,216 5 11	
Earned for year 1948–49 ..	3,103 6 5	
	10,319 12 4	
Less amount credited to Fund by Treasury—	£ s. d.	
As at 30th June, 1948 ..	5,157 9 7	
Cr. for year 1948–49 ..	2,995 12 3	
	8,153 1 10	
		2,166 10 6
		167,344 2 7

CAPITAL EXPENDITURE.

STATEMENT OF MONEYS EXPENDED UNDER WATER SUPPLY LOAN ACTS FOR THE YEAR ENDED 30TH JUNE, 1949.

Works.	Water Supply Loan Funds.		
	Act 5239.	Act 5334.	Total.
	£ s. d.	£ s. d.	£ s. d.
Main Supply Works, Stores and Workshops.			
Benjeroop Weir	77 16 5	16 18 9	94 15 2
Broken River Works	15 0	16 8	1 11 8
Bulk Store and Storeyard, South Melbourne	22 13 6	1,685 10 8	1,708 4 2
Cairn Curran Reservoir	100,621 10 7	208,095 1 6	308,716 12 1
Central Plant Workshops, Bendigo	11,296 17 11	23,977 8 0	35,273 5 11
East Goulburn Channel	5 3 0	167 4 6	172 7 6
Eildon Reservoir Enlargement	407 1 10	1,022 11 1	1,429 12 11
Eppalock Reservoir	643 15 10	650 16 8	1,294 12 6
Glenelg River Works to Wimmera-Mallee Section	474 15 10	112 11 5	587 7 3
Glenmaggie Weir	863 8 11	3,038 7 5	3,902 16 4
Goulburn-Waranga Channel Duplication	558 17 3	990 11 6	1,549 8 9
Goulburn Weir	3 2 4	0 5 0	3 7 4
Kow Swamp Works	..	0 4 6	0 4 6
Loddon River Works	62 9 0	6 9 1	68 18 1
Loddon Weir	..	18 14 4	18 14 4
Melton Reservoir	2 10 0	0 3 4	2 13 4
Plant and Machinery	26,165 10 11	33,898 4 7	60,063 15 6
Plant Sub-Depot, Kerang	299 5 8	461 9 8	760 15 4
Pykes Creek Reservoir	290 5 8	91 1 4	381 7 0
River Improvements	..	2,985 1 8	2,985 1 8
Rocklands Outlet Channel	24,275 19 5	37,195 17 6	61,471 16 11
Rocklands Reservoir	57,975 9 1	185,112 17 5	243,088 6 6
Surveys and Investigations	8,570 7 4	44,207 18 3	52,778 5 7
Toolondo Outlet Channel	548 10 0	6,769 19 1	7,318 9 1
Torrumbarry System (excluding Weir)	70 4 7	55 2 4	125 6 11
Waranga West. Ext. Loddon—Avoca, Section 1	..	120 10 11	120 10 11
Water Supply Stores Suspense	25,000 0 0	65,000 0 0	90,000 0 0
Wimmera Main Channels	425 17 10	6,696 3 2	7,122 1 0
Wimmera Storages	..	133 0 11	133 0 11
Irrigation and Water Supply Districts.			
Bacchus Marsh	70 7 2	211 0 11	281 8 1
Boort	2,307 3 10	5,044 1 7	7,351 5 5
Calivil	86 14 6	648 0 10	734 15 4
Campaspe	59 11 10	123 8 6	183 0 4
Central Gippsland	25,251 4 10	71,219 9 4	96,470 14 2
Cohuna	2,104 8 4	2,427 5 2	4,531 13 6
Dingee	0 17 3	124 6 0	125 3 3
Fish Point	587 9 7	130 5 3	717 14 10
Katandra	106 19 8	8 18 4	115 18 0
Kerang	757 11 7	1,401 15 0	2,159 6 7
Koondrook	1,314 5 8	2,438 6 6	3,752 12 2
Maffra-Sale	6,404 18 3	6,004 8 2	12,409 6 5
Merbein	400 9 10	858 6 7	1,258 16 5
Murray Valley	78,824 15 8	144,698 17 0	223,523 12 8
Mystic Park	380 12 8	184 6 3	564 18 11
North Shepparton	1,592 2 0	132 13 4	1,724 15 4
Nyah	28 10 1	455 15 9	484 5 10
Red Cliffs	2,808 17 3	6,907 10 3	9,716 7 6
Robinvale	66,865 19 8	105,156 11 4	172,022 11 0
Rochester	1,892 3 5	392 16 1	2,284 19 6
Rodney	5,409 19 9	4,415 2 7	9,825 2 4
Shepparton	1,453 5 7	121 1 8	1,574 7 3
South Shepparton	7 11 9	0 13 4	8 5 1
Swan Hill	1,287 2 6	787 4 8	2,074 7 2
Third Lake	152 11 10	156 11 9	309 3 7
Tongala-Stanhope	1,317 1 9	119 18 5	1,437 0 2
Tragowel Plains	1,549 19 8	5,810 7 2	7,360 6 10
Tresco	1,184 12 4	948 3 1	2,132 15 5
Werribee	214 15 0	1,830 10 1	2,045 5 1
Urban Divisions of Irrigation and Water Supply Districts.			
Bacchus Marsh	169 10 3	171 7 8	340 17 11
Cohuna	40 2 11	8 17 6	49 0 5
Dingee	70 13 3	5 18 4	76 11 7
Leitchville	0 5 6	2 15 0	3 0 6
Lockington	0 1 0	..	0 1 0
Macorna	165 15 10	647 9 1	813 4 11
Red Cliffs	895 19 2	512 16 10	1,408 16 0
Robinvale	348 17 0	1,985 3 2	2,334 0 2
Tallygaroopna	649 2 5	1,808 12 2	2,457 14 7
Carried forward	465,424 18 6	990,410 15 11	1,455,835 14 5

CAPITAL EXPENDITURE—*continued.*

STATEMENT OF MONEYS EXPENDED UNDER WATER SUPPLY LOAN ACTS FOR THE YEAR ENDED 30TH JUNE, 1949—*continued.*

Works.	Water Supply Loan Funds.		
	Act 5239	Act 5334.	Total
	£ s. d.	£ s. d.	£ s. d.
Brought forward	465,424 18 6	990,410 15 11	1,455,835 14 5
Waterworks Districts.			
Bellarine Peninsula (including Headworks)	650 15 1	6,132 9 7	6,783 4 8
Birchip	634 1 4	656 17 11	1,290 19 3
Carwarp	47 10 4	343 7 3	390 17 7
Carwarp Central	2 14 2	19 11 4	22 5 6
Coreena	64 10 8	1,016 7 2	1,080 17 10
Hindmarsh	14 1 3	88 13 0	102 14 3
Karkarooc	61 16 8	170 1 4	231 18 0
Kerang North West Lakes	22 4 7	24 0 11	46 5 6
Long Lake	51 8 0	1,466 0 4	1,517 8 4
Millewa	1,900 17 2	4,968 12 7	6,869 9 9
Millewa Central	268 1 0	1,169 9 8	1,437 10 8
Mornington Peninsula (including Headworks)	9,209 15 0	31,461 3 1	40,670 18 1
Normanville	3,794 15 9	2,219 18 6	6,014 14 3
Otway	1,180 11 0	6,069 14 0	7,250 5 0
Sea Lake	620 19 10	1,150 6 11	1,771 6 9
Tyntynder	929 3 4	339 2 6	1,268 5 10
Tyrrell	111 2 6	1,087 2 3	1,198 4 9
Tyrrell West	231 15 1	2,259 15 2	2,491 10 3
Upper Western Wimmera	52 10 3	513 11 3	566 1 6
Upper Wimmera United	96 16 6	1,407 16 7	1,504 13 1
Walpeup West	23 10 6	230 3 0	253 13 6
Werribee	19 13 2	176 12 7	196 5 9
West Loddon	5 4 10	130 15 7	136 0 5
Western Wimmera	263 10 6	2,878 15 4	3,142 5 10
Wimmera United	924 16 3	5,612 12 5	6,537 8 8
Wycheproof	609 18 1	1,230 2 6	1,840 0 7
Wychitella	3,456 18 6	1,089 10 1	4,546 8 7
Yelta	8 19 2	16 9 0	25 8 2
Urban Districts of Waterworks Districts.			
Allansford	10 18 1	41 15 5	52 13 6
Anglesea	76 10 11	429 3 10	505 14 9
Barwon Heads and Ocean Grove	959 14 0	1,131 1 8	2,090 15 8
Berriwillock	0 17 6	1,083 12 4	1,084 9 10
Berwick	4 12 6	65 4 5	69 16 11
Beulah	*Cr.* 2 15 0	*Cr.* 0 5 0	*Cr.* 3 0 0
Birchip	3 5 2	2,403 15 3	2,407 0 5
Birregurra	4,938 12 8	779 5 7	5,717 18 3
Bittern	..	96 2 5	96 2 5
Bunyip	15 9 6	105 0 7	120 10 1
Camperdown	703 1 3	979 18 3	1,682 19 6
Chelsea–Frankston	4,177 17 0	8,646 19 4	12,824 16 4
Cobden	426 14 3	371 5 5	797 19 8
Coliban	35,862 8 11	93,525 0 10	129,387 9 9
Cranbourne	10 16 9	4 1 11	14 18 8
Crib Point	..	255 6 4	255 6 4
Dandenong–Springvale	1,357 6 8	3,647 1 7	5,004 8 3
Dimboola	138 11 2	679 17 4	818 8 6
Dromana–Portsea	405 6 0	3,250 10 11	3,655 16 11
Drysdale	90 12 8	32 16 11	123 9 7
Garfield	0 7 6	173 3 7	173 11 1
Hastings	*Cr.* 7 17 6	499 6 11	491 9 5
Hopetoun	22 14 0	14 10 10	37 4 10
Jeparit	139 5 8	59 13 8	198 19 4
Lake Boga	..	306 4 5	306 4 5
Lascelles	..	7 12 5	7 12 5
Longwarry	33 6 11	136 12 1	169 19 0
Merbein	1,634 14 6	1,674 0 3	3,308 14 9
Mornington	1,364 12 7	1,465 18 11	2,830 11 6
Nandaly	23 19 0	250 1 10	274 0 10
Natimuk	..	3 12 4	3 12 4
Nyah West	22 10 0	105 0 8	127 10 8
Ouyen	3 10 5	0 5 0	3 15 5
Pakenham	43 11 0	167 2 3	210 13 3
Patchewollock	5 3 10	32 18 1	38 1 11
Piangil	500 15 2	785 19 3	1,286 14 5
Portarlington	151 14 0	157 14 7	309 8 7
Queenscliff and Point Lonsdale	466 16 7	244 13 3	711 9 10
Rainbow	19 4 0	13 4 2	32 8 2
Rupanyup	5 9 6	0 8 4	5 17 10
Somerville	4 2 6	274 7 10	278 10 4
South Frankston	35 3 0	214 13 4	249 16 4
Speed	..	4 12 5	4 12 5
Terang	275 10 3	652 9 9	928 0 0
Torquay	93 14 5	652 3 4	745 17 9
Werrimull	3 15 0	0 6 8	4 1 8
Wonthaggi	62 4 7	1,216 10 5	1,278 15 0
Woorinen	3,262 1 11	850 3 3	4,112 5 2
Wycheproof	4,271 14 4	1,758 18 2	6,030 12 6
Carried forward	552,301 2 2	1,193,591 1 1	1,745,892 3 3

CAPITAL EXPENDITURE—*continued.*

STATEMENT OF MONEYS EXPENDED UNDER WATER SUPPLY LOAN ACTS FOR THE YEAR ENDED 30TH JUNE, 1949—*continued.*

Works.	Water Supply Loan Funds.		
	Act 5239.	Act 5334.	Total.
	£ s. d.	£ s. d.	£ s. d.
Brought forward	552,301 2 2	1,193,591 1 1	1,745,892 3 3
Flood Protection Districts.			
Cardinia	101 6 0	8 8 4	109 14 4
Lower Koo-wee-rup	5,489 10 4	24,476 3 4	29,965 13 8
Drainage Districts.			
Carrum	..	70 8 4	70 8 4
Cohuna	15 8 2	1 5 0	16 13 2
Dingee	1,342 13 9	2,522 1 4	3,864 15 1
Kerang East	1 10 2	0 10 10	2 1 0
Maffra–Sale	36 0 0	3 0 0	39 0 0
Merbein	195 6 5	214 0 11	409 7 4
Murrabit	..	1,165 16 11	1,165 16 11
Nyah	3,835 19 10	4,777 14 8	8,613 14 6
Red Cliffs	215 8 11	17 18 4	233 7 3
Rochester	950 9 3	134 7 3	1,084 16 6
Rodney	1,940 11 7	4,731 1 5	6,671 13 0
Shepparton	49 10 2	152 10 11	202 1 1
Tongala–Stanhope	..	0 6 0	0 6 0
Tresco	814 4 10	79 13 8	893 18 6
Woorinen	120 6 10	10 0 0	130 6 10
Waterworks Trusts and Local Governing Bodies	165,542 7 3	286,965 5 11	452,507 13 2
Totals	732,951 15 8	1,518,921 14 3	2,251,873 9 11

COUNTRY SEWERAGE AUTHORITIES.

Country Sewerage Loan and Application Act No. 5256,—Expenditure for year ended 30th June, 1949 £12,187 11 3

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 NOT APPORTIONABLE TO DISTRICTS.

	Capital Charges Borne by Districts and Works.	Capital Charges Borne by the State Account.	Total.		Totals at 30th June, 1949.
	£ s. d.	£ s. d.	£ s. d.	£ s. d.	£ s. d.
Geelong (inclusive of Loan Flotation Expenses)	..	162,929 5 1	162,929 5 1		
Eppalock Reservoir	..	117,082 14 7	117,082 14 7		
Goulburn Levees	..	30,797 0 4	30,797 0 4		
Torrumbarry System (excluding Weir)	..	11,516 0 6	11,516 0 6		
Lang Lang River Works	..	48,543 8 9	48,543 8 9		
Surveys and Preliminary Investigations	..	397,813 0 6	397,813 0 6		
Loan Flotation Expenses	..	1,217,783 8 9	1,217,783 8 9		
River Improvements	..	2,985 1 8	2,985 1 8		
				1,989,450 0 2	
Bulk Store and Storeyard, South Melbourne	..	1,719 10 10	1,719 10 10		
Water Supply Stores Suspense	..	315,000 0 0	315,000 0 0		
Plant and Machinery Suspense	515,211 13 9	..	515,211 13 9		
Central Plant Workshops, Bendigo	17,636 8 0	59,529 6 8	77,165 14 8		
Plant Sub-Depot, Kerang	361 14 7	2,027 10 7	2,389 5 2	911,486 4 5	
					2,900,936 4 7

B.—HEADWORKS NOT APPORTIONABLE TO DISTRICTS.

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)	740,026 12 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	201,625 15 3	
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	173,909 17 6	
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	
		1,242,113 6 2

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)	60,320	9	1									
Waranga Reservoir Enlargement	609,045	16	4									
Laanecoorie Weir Improvements	2,509	9	3									
Cairn Curran Reservoir (Under construction—Not Apportioned to Districts)	582,444	3	8									
				3,123,917	6	11						
Goulburn Main Channels—												
East Goulburn Main	364,374	5	2									
Goulburn–Waranga	6,922	8	4									
Goulburn–Waranga Duplication (Proposed—Not Apportioned to Districts)	22,072	16	10									
Waranga–Western Main	1,047,591	8	1									
Main Distributaries	10,922	12	8									
				1,451,883	11	1						
Total Goulburn and Loddon Works				4,575,800	18	0						
Less Debited to Wimmera–Mallee				99,182	2	7						
							4,476,618	15	5			
Bacchus Marsh and Werribee Schemes—												
Ballan Tunnel				21,677	14	8						
Pykes Creek Reservoir				143,542	13	8						
Melton Reservoir				99,981	19	0						
Lerderderg River Flats				330	0	8						
							265,532	8	0			
Bellarine Peninsula Waterworks District (exclusive of cost of Urban Reticulation)				494,716	6	9						
Less Redemption paid to Revenue				1,887	5	1						
							492,829	1	8			
Mornington Peninsula Waterworks District (exclusive of cost of Distributory Works and Urban Reticulation)				1,118,053	19	0						
Less Redemption paid to Revenue				1,606	13	1						
							1,116,447	5	11			
Maffra–Sale Scheme—Glenmaggie Reservoir							685,584	13	6			
River Murray Agreement Works (Victorian Contributions under River Murray Waters Acts)							2,990,745	13	8			
River Murray State Works—Surveys, &c.							7,506	18	7			
Otway Waterworks District (exclusive of cost of Urban Reticulation)				285,423	9	0						
Less Redemption Paid to Revenue				2,419	12	5						
							283,003	16	7			
Wimmera–Mallee—												
Main Channels and Storages inclusive of £99,182 2s. 7d. from Goulburn Works							969,706	10	11			
Glenelg River Development Works (Under Construction, Not Apportioned to Districts)							1,089,149	4	3			
										12,377,124	8	6
									Carried forward	16,520,176	19	3

LOAN CAPITAL ACCOUNTS—*continued.*

	Totals at 30th June, 1949. £ s. d.
Brought forward ..	16,520,176 19 3

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.	
D.—IRRIGATION AND WATER SUPPLY DISTRICTS.								
1. Bacchus Marsh	83,251 11 7	96,487 5 3	179,738 16 10	..	83,251 11 7	96,487 5 3	179,738 16 10	
2. Boort	169,122 13 4	94,991 1 7	264,113 14 11	..	169,122 13 4	94,991 1 7	264,113 14 11	
3. Calivil	81,137 3 3	113,756 13 7	194,893 16 10	..	81,137 3 3	113,756 13 7	194,893 16 10	
4. Campaspe	4,996 0 0	13,299 8 7	18,295 8 7	..	4,996 0 0	13,299 8 7	18,295 8 7	
5. Central Gippsland (under construction	..	174,991 14 7	174,991 14 7	..	..	174,991 14 7	174,991 14 7	
6. Cohuna	500,500 8 1	331,305 17 11	831,806 6 0	..	500,500 8 1	331,305 17 11	831,806 6 0	
7. Deakin	36,666 2 5	58,292 11 5	94,958 13 10	..	36,666 2 5	58,292 11 5	94,958 13 10	
8. Dingee	57,888 6 3	15,486 2 9	73,374 9 0	..	57,888 6 3	15,486 2 9	73,374 9 0	
9. Fish Point	21,707 0 0	17,889 0 8	39,596 0 8	..	21,707 0 0	17,889 0 8	39,596 0 8	
10. Katandra	74,570 14 3	105,842 17 0	180,413 11 3	..	74,570 14 3	105,842 17 0	180,413 11 3	
11. Kerang	251,516 0 0	134,653 19 6	386,169 19 6	..	251,516 0 0	134,653 19 6	386,169 19 6	
12. Koondrook	247,864 0 0	230,608 9 7	478,472 9 7	..	247,864 0 0	230,608 9 7	478,472 9 7	
13. Maffra–Sale	685,584 13 6	617,821 17 0	1,303,406 10 6	..	685,584 13 6	617,821 17 0	1,303,406 10 6	
14. Merbein	195,760 0 0	275,994 18 3	471,754 18 3	..	195,760 0 0	275,994 18 3	471,754 18 3	
15. Murray Valley	897,294 4 6	1,369,668 9 10	2,266,962 14 4	..	897,294 4 6	1,369,668 9 10	2,266,962 14 4	
16. Mystic Park	39,419 19 8	19,304 14 8	58,724 14 4	..	39,419 19 8	19,304 14 8	58,724 14 4	
17. North Shepparton	157,395 2 0	201,932 1 1	359,327 3 1	..	157,395 2 0	201,932 1 1	359,327 3 1	
18. Nyah	74,857 0 0	132,311 16 3	207,168 16 3	..	74,857 0 0	132,311 16 3	207,168 16 3	
19. Red Cliffs	283,152 0 0	805,508 0 0	1,088,660 0 0	..	283,152 0 0	805,508 0 0	1,088,660 0 0	
20. Robinvale (under construction)	..	298,913 7 6	298,913 7 6	..	..	298,913 7 6	298,913 7 6	
21. Rochester	839,016 2 6	346,649 11 4	1,185,665 13 10	..	839,016 2 6	346,649 11 4	1,185,665 13 10	
22. Rodney	901,970 10 6	597,410 16 1	1,499,381 6 7	..	901,970 10 6	597,410 16 1	1,499,381 6 7	
23. Shepparton	285,625 3 1	202,145 19 2	487,771 2 3	..	285,625 3 1	202,145 19 2	487,771 2 3	
24. South Shepparton	58,567 9 5	59,756 0 6	118,323 9 11	..	58,567 9 5	59,756 0 6	118,323 9 11	
25. Swan Hill	293,491 17 0	188,493 9 7	481,985 6 7	..	293,491 17 0	188,493 9 7	481,985 6 7	
26. Third Lake	25,637 0 0	25,894 6 6	51,531 6 6	..	25,637 0 0	25,894 6 6	51,531 6 6	
27. Tongala–Stanhope	640,521 16 8	300,281 19 11	940,803 16 7	..	640,521 16 8	300,281 19 11	940,803 16 7	
28. Tragowel Plains	504,249 5 2	272,384 19 1	776,634 4 3	..	504,249 5 2	272,384 19 1	776,634 4 3	
29. Tresco	25,960 0 0	94,799 12 5	120,759 12 5	..	25,960 0 0	94,799 12 5	120,759 12 5	
30. Werribee	182,280 16 5	124,042 4 7	306,323 1 0	..	182,280 16 5	124,042 4 7	306,323 1 0	
Totals	7,620,002 19 7	7,320,919 6 2	14,940,922 5 9	..	7,620,002 19 7	7,320,919 6 2	14,940,922 5 9	7,320,919 6 2

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

1. Bacchus Marsh	..	14,240 0 6	14,240 0 6	10,026 7 5	..	4,213 13 1	4,213 13 1		
2. Cohuna	..	9,226 10 8	9,226 10 8	3,168 11 4	..	6,057 19 4	6,057 19 4		
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	..	13,031 18 6	13,031 18 6	..	..	13,031 18 6	13,031 18 6		
6. Leitchville	..	3,880 14 5	3,880 14 5	..	..	3,880 14 5	3,880 14 5		
7. Lockington	..	2,285 2 10	2,285 2 10	120 8 3	..	2,164 14 7	2,164 14 7		
8. Macorna	..	1,164 10 0	1,164 10 0	..	..	1,164 10 0	1,164 10 0		
9. Murrabit	..	1,030 18 3	1,030 18 3	..	..	1,030 18 3	1,030 18 3		
10. Red Cliffs	..	19,655 12 5	19,655 12 5	1,624 2 5	..	18,031 10 0	18,031 10 0		
11. Robinvale	..	2,334 0 2	2,334 0 2	..	..	2,334 0 2	2,334 0 2		
12. Stanhope	..	1,292 14 6	1,292 14 6	..	..	1,292 14 6	1,292 14 6		
13. Tallygaroopna	..	3,834 8 2	3,834 8 2	..	..	3,834 8 2	3,834 8 2		
Totals	..	73,882 9 10	73,882 9 10	14,939 9 5	..	58,943 0 5	58,943 0 5		73,882 9 10

F.—WATERWORKS DISTRICTS.

1. Axe Creek	..	4,908 18 4	4,908 18 4	..	..	4,908 18 4	4,908 18 4		
2. Bellarine Peninsula	309,450 4 10	..	309,450 4 10	83,187 4 2	226,263 0 8	..	226,263 0 8		
3. Birchip	39,087 5 4	105,061 4 3	144,148 9 7	..	39,087 5 4	105,061 4 3	144,148 9 7		
4. Carwarp	..	41,861 5 0	41,861 5 0	..	..	41,861 5 0	41,861 5 0		
5. Carwarp Central	..	2,385 7 4	2,385 7 4	..	..	2,385 7 4	2,385 7 4		
6. Coreena	..	53,981 13 0	53,981 13 0	..	..	53,981 13 0	53,981 13 0		
7. East Loddon	..	2,227 18 6	2,227 18 6	..	..	2,227 18 6	2,227 18 6		
8. Harcourt	..	17,022 9 3	17,022 9 3	..	..	17,022 9 3	17,022 9 3		
9. Hindmarsh	4,221 11 0	16,138 2 11	20,359 13 11	..	4,221 11 0	16,138 2 11	20,359 13 11		
10. Karkarooc	98,473 2 4	221,466 9 5	319,939 11 9	..	98,473 2 4	221,466 9 5	319,939 11 9		
11. Kerang North-West Lakes	..	3,992 6 11	3,992 6 11	..	..	3,992 6 11	3,992 6 11		
12. Loddon	..	2,934 0 0	2,934 0 0	..	..	2,934 0 0	2,934 0 0		
13. Long Lake	65,076 19 8	110,560 6 3	175,637 5 11	..	65,076 19 8	110,560 6 3	175,637 5 11		
14. Millewa	104,393 0 0	387,557 16 0	491,950 16 0	..	104,393 0 0	387,557 16 0	491,950 16 0		
15. Millewa Central	36,755 0 0	135,329 10 8	172,084 10 8	..	36,755 0 0	135,329 10 8	172,084 10 8		
16. Mornington Peninsula	398,636 19 0	10,281 0 3	408,917 19 3	64 395 9 9	334,241 19 3	10,280 10 3	344,522 9 6		
17. Newstead	..	4,636 6 10	4,636 6 10	..	..	4,636 6 10	4,636 6 10		
18. Normanville	..	42,316 19 8	42,316 19 8	..	..	42,316 19 8	42,316 19 8		
19. Otway	193,399 16 7	..	193,399 16 7	90 450 11 6	102,949 5 1	..	102,949 5 1		
20. Sea Lake	47,563 7 8	148,107 0 3	195,670 7 11	..	47,563 7 8	148,107 0 3	195,670 7 11		
21. Tyntynder	120,819 19 7	259,322 0 3	380,141 19 10	..	120,819 19 7	259,322 0 3	380,141 19 10		
22. Tyrrell	86,373 16 6	170,960 11 0	257,334 7 6	..	86,373 16 6	170,960 11 0	257,334 7 6		
23. Tyrrell West	151,736 16 10	283,978 3 10	435,715 0 8	..	151,736 16 10	283,978 3 10	435,715 0 8		
24. Upper Western Wimmera	28,696 9 3	60,441 8 7	89,137 17 10	..	28,696 9 3	60,441 8 7	89,137 17 10		
25. Upper Wimmera United	45,100 19 6	78,328 12 4	123,429 11 10	..	45,100 19 6	78,328 12 4	123,429 11 10		
26. Walpeup West	..	36,193 17 6	36,193 17 6	..	..	36,193 17 6	36,193 17 6		
27. Werribee	..	11,981 6 8	11,981 6 8	..	..	11,981 6 8	11,981 6 8		
28. West Loddon	..	8,725 6 2	8,725 6 2	..	..	8,725 6 2	8,725 6 2		
29. Western Wimmera	118,281 16 11	254,247 3 8	372,529 0 7	..	118,281 16 11	254,247 3 8	372,529 0 7		
30. Wimmera United	99,427 8 10	205,414 17 5	304,842 6 3	..	99,427 8 10	205,414 17 5	304,842 6 3		
31. Wycheproof	64,846 17 6	176,098 0 8	240,944 18 2	..	64,846 17 6	176,098 0 8	240,944 18 2		
32. Wychitella (under construction)	..	128,860 12 6	128,860 12 6	..	..	128,860 12 6	128,860 12 6		
33. Yelta	..	6,177 5 3	6,177 5 3	..	..	6,177 5 3	6,177 5 3		
Totals	2,012,341 11 4	2,991,498 0 8	5,003,839 12 0	238,033 5 5	1,774,308 15 11	2,991,497 10 8	4,765,806 6 7		2,991,498 0 8
Carried forward									26,906,476 15 11

LOAN CAPITAL ACCOUNTS—*continued.*

Name of District.	Loan Capital Expenditure.			Allotted to District.	Capital Expenditure borne by the State Account.			Totals at 30th June, 1949.
	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 ..								26,906,476 15 11
G.—URBAN DISTRICTS OF WATERWORKS DISTRICTS.								
1. Allansford	1,600 0 0	1,224 10 2	2,824 10 2	815 15 0	1,544 1 3	464 13 11	2,008 15 2	
2. Anglesea	9,258 2 8	10,619 13 4	19,877 16 0	29 10 1	9,228 12 7	10,619 13 4	19,848 5 11	
3. Antwerp	..	702 12 5	702 12 5	257 14 1	..	444 18 4	444 18 4	
4. Barwon Heads and Ocean Grove	34,378 17 7	11,307 7 2	45,686 4 9	7,944 6 0	33,414 7 3	4,327 11 6	37,741 18 9	
5. Berriwillock	..	6,256 4 10	6,256 4 10	3 5 5	..	6,252 19 5	6,252 19 5	
6. Berwick	13,733 4 8	9,904 13 8	23,637 18 4	3,104 8 6	13,733 4 8	6,800 5 2	20,533 9 10	
7. Beulah	..	7,606 11 3	7,606 11 3	2 13 2	..	7,603 18 1	7,603 18 1	
8. Birchip	..	14,841 5 11	14,841 5 11	..	..	14,841 5 11	14,841 5 11	
9. Birregurra	..	31,558 7 0	31,558 7 0	..	..	31,558 7 0	31,558 7 0	
10. Bittern	1,671 1 8	1,314 18 8	2,986 0 4	15 11 3	1,671 1 8	1,299 7 5	2,970 9 1	
11. Brim	..	3,524 5 11	3,524 5 11	332 8 6	..	3,191 17 5	3,191 17 5	
12. Bunyip	5,382 2 7	6,231 5 8	11,613 8 3	26 2 3	5,382 2 7	6,205 3 5	11,587 6 0	
13. Camperdown	46,469 0 0	51,555 14 11	98,024 14 11	55,182 13 5	39,927 1 3	2,915 0 3	42,842 1 6	
14. Carwarp	..	635 19 0	635 19 0	..	..	635 19 0	635 19 0	
15. Chelsea–Frankston	266,576 16 7	86,339 5 7	352,916 2 2	133,915 1 2	175,558 5 11	43,442 15 1	219,001 1 0	
16. Chillingollah	..	2,477 14 6	2,477 14 6	..	..	2,477 14 6	2,477 14 6	
17. Chinkapook	..	2,815 14 2	2,815 14 2	..	..	2,815 14 2	2,815 14 2	
18. Cobden	9,213 0 0	16,875 9 0	26,088 9 0	12,829 4 0	9,213 0 0	4,046 5 0	13,259 5 0	
19. Coliban	..	2,001,522 13 5	2,001,522 13 5	293,199 19 6	..	1,708,322 13 11	1,708,322 13 11	
20. Cranbourne	6,614 0 11	2,905 14 9	9,519 15 8	595 4 3	6,614 0 11	2,310 10 6	8,924 11 5	
21. Crib Point	8,766 18 0	3,348 11 4	12,115 9 4	2,288 4 6	8,766 18 0	1,060 6 10	9,827 4 10	
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 ..	193,876 19 3	80,714 7 4	274,591 6 7	162,282 18 6	99,328 15 0	12,979 13 1	112,308 8 1	
24. Dimboola	..	19,069 13 1	19,069 13 1	10,830 1 6	..	8,239 11 7	8,239 11 7	
25. Dooen	..	698 5 0	698 5 0	17 1 0	..	681 4 0	681 4 0	
26. Dromana–Portsea	108,784 8 10	76,854 18 2	185,639 7 0	4,303 6 1	108,784 8 10	72,551 12 1	181,336 0 11	
27. Drysdale	12,092 17 0	2,559 9 4	14,652 6 4	38 2 0	12,054 6 4	2,559 18 0	14,614 4 4	
28. Garfield	4,188 16 4	4,792 10 5	8,981 6 9	27 4 9	4,188 16 4	4,765 5 8	8,954 2 0	
29. Hastings	7,403 4 5	7,185 5 7	14,588 10 0	6 4 10	7,403 4 5	7,179 0 9	14,582 5 2	
30. Hopetoun	..	10,669 2 7	10,669 2 7	23 17 8	..	10,645 4 11	10,645 4 11	
31. Jeparit	..	13,502 19 3	13,502 19 3	5,670 5 6	..	7,832 13 9	7,832 13 9	
32. Jung Jung	..	3,381 4 10	3,381 4 10	1 12 6	..	3,379 12 4	3,379 12 4	
33. Koondrook	..	6,165 6 11	6,165 6 11	..	..	6,165 6 11	6,165 6 11	
34. Lake Boga	..	6,216 17 7	6,216 17 7	95 11 3	..	6,121 6 4	6,121 6 4	
35. Lalbert	..	4,642 1 4	4,642 1 4	98 18 7	..	4,543 2 9	4,543 2 9	
36. Lascelles	..	4,507 11 11	4,507 11 11	17 2 5	..	4,490 9 6	4,490 9 6	
37. Longwarry	6,740 15 11	5,080 18 9	11,821 14 8	9,182 0 0	2,384 0 0	255 14 8	2,639 14 8	
38. Manangatang	..	5,156 6 0	5,156 6 0	1,635 6 3	..	3,520 19 9	3,520 19 9	
39. Marnoo	..	4,112 13 4	4,112 13 4	1,344 2 2	..	2,768 11 2	2,768 11 2	
40. Marong	..	2,099 18 7	2,099 18 7	22 18 10	..	2,076 19 9	2,076 19 9	

41. Merbein	..			21,833	6	5	21,833	6	5	4,029	19	8	..			17,803	6	9	17,803	6	9	
42. Meringur	..			1,761	8	0	1,761	8	0	4	6	8	..			1,757	1	4	1,757	1	4	
43. Minyip	..			10,297	15	6	10,297	15	6	3,060	18	6	..			7,236	17	0	7,236	17	0	
44. Mitiamo	..			2,072	16	2	2,072	16	2	..			..			2,072	16	2	2,072	16	2	
45. Mornington	47,951	8	7	32,136	9	0	80,087	17	7	52,670	1	6	23,240	10	2	4,177	5	11	27,417	16	1	
46. Nandaly	..			2,120	17	11	2,120	17	11	3	5	0	..			2,117	12	11	2,117	12	11	
47. Nar-nar-goon and Tynong ..	..			140	9	1	140	9	1	..			..			140	9	1	140	9	1	
48. Natimuk	..			4,898	2	4	4,898	2	4	4,057	19	0	..			840	3	4	840	3	4	
49. Newstead	..			7,563	19	0	7,563	19	0	1,763	13	10	..			5,800	5	2	5,800	5	2	
50. Nullawill	..			3,651	11	10	3,651	11	10	280	16	6	..			3,370	15	4	3,370	15	4	
51. Nyah	..			691	7	6	691	7	6	..			..			691	7	6	691	7	6	
52. Nyah West	..			6,057	10	1	6,057	10	1	..			..			6,057	10	1	6,057	10	1	
53. Ouyen	..			21,343	6	10	21,343	6	10	60	15	3	..			21,282	11	7	21,282	11	7	
54. Pakenham	10,542	18	9	8,339	18	3	18,882	17	0	9,611	14	3	8,892	18	11	378	3	10	9,271	2	9	
55. Patchewollock	..			3,705	2	3	3,705	2	3	1	12	6	..			3,703	9	9	3,703	9	9	
56. Piangil	..			7,384	1	3	7,384	1	3	..			..			7,384	1	3	7,384	1	3	
57. Portarlington	24,391	2	2	3,735	17	11	28,127	0	1	77	14	6	24,313	7	8	3,735	17	11	28,049	5	7	
58. Pyramid Hill	..			6,601	15	2	6,601	15	2	1,288	15	10	..			5,312	19	4	5,312	19	4	
59. Quambatook	..			4,819	16	10	4,819	16	10	3	4	11	..			4,816	11	11	4,816	11	11	
60. Queenscliff and Point Lonsdale	79,979	16	3	12,940	2	5	92,919	18	8	16,131	5	2	73,187	0	2	3,601	13	4	76,788	13	6	
61. Rainbow	..			11,496	14	4	11,496	14	4	7,554	13	10	..			3,942	0	6	3,942	0	6	
62. Rupanyup	..			10,884	13	9	10,884	13	9	4,197	0	1	..			6,687	13	8	6,687	13	8	
63. Sea Lake	..			7,715	9	10	7,715	9	10	1,533	3	4	..			6,182	6	6	6,182	6	6	
64. Somerville	4,833	10	8	2,989	15	4	7,823	6	0	4,581	15	3	2,944	0	9	297	10	0	3,241	10	9	
65. South Frankston	30,743	19	9	16,559	9	7	47,303	9	4	25,713	2	9	21,046	5	8	544	0	11	21,590	6	7	
66. Speed	..			2,847	18	2	2,847	18	2	0	17	9	..			2,847	0	5	2,847	0	5	
67. Tempy	..			2,643	7	2	2,643	7	2	17	13	7	..			2,625	13	7	2,625	13	7	
68. Terang	32,322	0	0	26,482	18	5	58,804	18	5	28,280	2	5	28,860	4	6	1,664	11	6	30,524	16	0	
69. Torquay	23,278	1	2	11,117	1	8	34,395	2	10	143	15	10	23,203	17	7	11,047	9	5	34,251	7	0	
70. Ultima	..			6,578	7	4	6,578	7	4	17	6	8	..			6,561	0	8	6,561	0	8	
71. Waitchie	..			2,520	14	4	2,520	14	4	..			..			2,520	14	4	2,520	14	4	
72. Walpeup	..			2,067	11	2	2,067	11	2	24	3	5	..			2,043	7	9	2,043	7	9	
73. Watchem	..			5,063	14	10	5,063	14	10	123	6	7	..			4,940	8	3	4,940	8	3	
74. Werrimull	..			4,854	7	10	4,854	7	10	1	12	6	..			4,852	15	4	4,852	15	4	
75. Wonthaggi	..			75,034	9	6	75,034	9	6	9,091	16	11	..			65,942	12	7	65,942	12	7	
76. Woomelang	..			9,249	2	1	9,249	2	1	15	7	8	..			9,233	14	5	9,233	14	5	
77. Woorinen	..			6,095	17	10	6,095	17	10	585	9	2	..			5,510	8	8	5,510	8	8	
78. Wycheproof	..			18,199	9	4	18,199	9	4	..			..			18,199	9	4	18,199	9	4	
79. Yaapeet	..			2,301	10	1	2,301	10	1	3	14	4	..			2,297	15	9	2,297	15	9	
Totals	990,793	3	9	2,922,179	14	7	3,912,972	18	4	883,309	16	6	744,884	12	5	2,284,778	9	5	3,029,663	1	10	2,922,179 14 7

H.—FLOOD PROTECTION DISTRICTS.

1. Cardinia	..		105,404	3	3	105,404	3	3	..		..			105,404	3	3	105,404	3	3	
2. Kanyapella	..		3,885	1	5	3,885	1	5	..		..			3,885	1	5	3,885	1	5	
3. Lower Koo-wee-rup	..		334,262	19	7	334,262	19	7	..		..			334,262	19	7	334,262	19	7	
4. Loch Garry..	..		18,621	18	11	18,621	18	11	..		..			18,621	18	11	18,621	18	11	
Totals	..		462,174	3	2	462,174	3	2	..		..			462.174	3	2	462,174	3	2	462,174 3 2

Carried forward .. **30,290,830 13 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, 1949
	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 ..								30,290,830 13 8
I.—DRAINAGE DISTRICTS.								
1. Carrum	..	25,429 2 0	25,429 2 0	..	..	25,429 2 0	25,429 2 0	
2. Cohuna	..	13,321 0 5	13,321 0 5	..	..	13,321 0 5	13,321 0 5	
3. Dingee (under construction) ..	..	16,936 8 8	16,936 8 8	..	..	16,936 8 8	16,936 8 8	
4. Kerang East	..	1,278 13 9	1,278 13 9	..	..	1,278 13 9	1,278 13 9	
5. Maffra–Sale	..	2,228 15 6	2,228 15 6	..	..	2,228 15 6	2,228 15 6	
6. Merbein	..	1,158 0 10	1,158 0 10	..	..	1,158 0 10	1,158 0 10	
7. Murrabit	..	3,615 4 7	3,615 4 7	..	..	3,615 4 7	3,615 4 7	
8. Nyah	..	46,690 13 6	46,690 13 6	..	..	46,690 13 6	46,690 13 6	
9. Red Cliffs	..	2,128 2 9	2,128 2 9	..	..	2,128 2 9	2,128 2 9	
10. Rochester	..	5,378 19 2	5,378 19 2	..	..	5,378 19 2	5,378 19 2	
11. Rodney	..	35,307 13 10	35,307 13 10	..	..	35,307 13 10	35,307 13 10	
12. Shepparton	..	18,551 18 8	18,551 18 8	..	..	18,551 18 8	18,551 18 8	
13. Tongala–Stanhope	..	5,084 14 6	5,084 14 6	..	..	5,084 14 6	5,084 14 6	
14. Tresco	..	1,449 11 1	1,449 11 1	..	..	1,449 11 1	1,449 11 1	
15. Werribee	..	168 19 2	168 19 2	..	..	168 19 2	168 19 2	
16. Woorinen	..	1,326 16 5	1,326 16 5	..	..	1,326 16 5	1,326 16 5	
Totals	..	180,054 14 10	180,054 14 10	..	..	180,054 14 10	180,054 14 10	180,054 14 10
Totals, Commission's Districts (Statements D, E, F, G, H, and I.)	**10,651,838 3 6†**	**13,950,708 9 3‡**	**24,602,546 12 9***	**1,136,282 11 4**	**10,167,896 16 9**	**13,298,367 4 8**	**23,466,264 1 5**	

† Exclusive of following Works not apportioned to Districts, viz: Glenelg River Development Works, **£1,089,149 4s. 3d.** Cairn Curran Reservoir, **£582,444 3s. 8d.** Goulburn Waranga Channel Duplication, **£22,072 16s. 10d.** Eildon Reservoir Enlargement, **£31,620 0s. 3d.** Total, **£1,725,286 5s.** (Statement C).

* Exclusive of Plant and Machinery Suspense Account, **£515,211 13s. 9d.** Plant Workshops and Depots, **£79,554 19s. 10d.** Total, **£594,766 13s. 7d.** (Statement B). ‡ Exclusive of **£1,182,780** granted free by Government from Unemployed Relief Funds, 1/6/1930 to 30/6/1942.

WORKS UNDER GENERAL SUPERVISION OF COMMISSION.

J.—WATERWORKS TRUSTS AND LOCAL GOVERNING BODIES.

	£ s. d.	£ s. d.	
Waterworks Trusts, First Mildura Irrigation Trust and Local Governing Bodies—Loan Liability	..	2,138,899 0 6	
Amounts Written Off and Free Grants to Local Authorities as at 30th June, 1948. (For details see Annual Report for year 1947–48)	1,978,838 9 0		
Under Water Act 1947, No. 5239, Amounts Written Off	23,148 13 6		
Under Water Act 1948, No. 5334, Amounts Written Off £36,164 0s. 4d.; Free Grants to Local Authorities £2,187 11s. 1d. ..	38,351 11 5		
		2,040,338 13 11	4,179,237 14 5
Grand Total Net Loan Capital Expenditure (Exclusive of Equity in National Debt Sinking Fund)			**34,650,123 2 11**

SUMMARY STATEMENT OF LOAN CAPITAL ACCOUNTS AS AT 30th JUNE, 1949.

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 not Apportionable to Districts	3,272,103 3 10	371,166 19 3	2,900,936 4 7	533,209 16 4	2,367,726 8 3
B	Headworks not Apportionable to Districts	1,242,636 6 8	520 0 6	1,242,116 6 2	..	1,242,116 6 2
C	Headworks Costs in respect of Irrigation and Water Supply Districts and Waterworks Districts	12,522,302 2 2	145,177 13 8	12,377,124 8 6	483,941 6 9	11,893,183 1 9
D	Irrigation and Water Supply Districts, exclusive of Headworks Costs	7,428,567 3 4	107,647 17 2	7,320,919 6 2	..	7,320,919 6 2
E	Urban Divisions of Irrigation Districts	76,250 11 3	2,368 1 5	73,882 9 10	14,939 9 5	58,943 0 5
F	Waterworks Districts, exclusive of Headworks Costs	3,054,580 7 6	63,082 6 10	2,991,498 0 8	10 0	2,991,497 10 8
G	Urban Districts of Waterworks Districts, exclusive of Headworks Costs	2,978,744 4 10	56,564 10 3	2,922,179 14 7	637,401 5 2	2,284,778 9 5
H	Flood Protection Districts	470,345 14 8	8,171 11 6	462,174 3 2	..	462,174 3 2
I	Drainage Districts	180,814 19 6	760 4 8	180,054 14 10	..	180,054 14 10
	Total Works under control of Commission	31,226,344 13 9	755,459 5 3	30,470,885 8 6	1,669,492 7 8	28,801,393 0 10
J	Waterworks Trusts and Local Governing Bodies	5,028,540 5 2	849,302 10 9	4,179,237 14 5	2,138,899 0 6	2,040,338 13 11
		36,254,884 18 11	1,604,761 16 0	34,650,123 2 11	3,808,391 8 2	30,841,731 14 9

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, 1949.

—	Total.	Water Supply.	State Development Aecount.
	£ s. d.	£ s. d.	£ s. d.
Net Loan Liability as per Treasurer's Finance Statement (Page 83)	31,656,208 5 4	3,848,442 13 4	27,807,765 12 0
Add—			
Cost of Geelong Works. "Finance" (Page 84)	142,121 7 0	..	142,121 7 0
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)	3,727,094 9 1	453,360 2 6	3,273,734 6 7
National Debt Sinking Fund contributions in respect of Geelong Works. "Finance" (Page 84)	20,807 18 1	..	20,807 18 1
	35,546,231 19 6	4,301,802 15 10	31,244,429 3 8
Less—			
Redemption recoup contributions paid into Consolidated Revenue by Commission Districts and Works, Waterworks Trusts, &c.	493,411 7 8	493,411 7 8	..
Cash on hand held by Treasury	402,697 8 11	..	402,697 8 11
Totals of amounts at debit of Authorities and Districts and the Capital Expenditure borne by the State Account in the books of the Commission	34,650,123 2 11	3,808,391 8 2	30,841,731 14 9

ESTIMATES 1949–50.

PROPOSED DISBURSEMENTS.

—	Estimated Requirements.	Amount Provided in Budget.
	£	£
Coliban Works	23,021	23,021
Irrigation, Water Supply and Drainage Districts	320,610	296,034
Waterworks Districts	206,191	181,191
Flood Protection and Carrum Drainage Districts	42,424	27,000
Salaries of Permanent and Temporary Employees*	603,038	603,038
General Expenditure*	160,000	150,000
Removal of Sand Drift	120,000	100,000
River Murray Works—Contribution by State	24,000	24,000
Pay Roll Tax	41,900	41,900
Grant to Chiltern Waterworks Trust towards cost of exploratory bore for improvement of Town Water Supply	59	59
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	1,541,878	1,446,878
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	25,000
Grant to Kerang Sewerage Authority in connexion with Reconditioning Works	2,639	2,639
	1,579,517	1,484,517

* To be apportioned over the above Districts.

ESTIMATED RECEIPTS.

—	Estimated by Commission.	Amount Provided in Budget.
	£	£
Coliban Works	57,000	57,000
Irrigation, Water Supply and Drainage Districts	412,000	412,000
Waterworks Districts	359,000	359,000
Flood Protection and Carrum Drainage Districts	12,000	12,000
Other	45,000	45,000
Recoup on account of amounts paid from Revenue in connexion with River Murray Commission, Loan Works, &c.	290,000	290,000
	1,175,000	1,175,000
Add estimated Receipts to meet Interest—		
Waterworks Trusts and other Corporations	78,800	78,800
Plant and Machinery, and Land	15,400	15,400
Totals—Water Supply	1,269,200	1,269,200

Estimated amount available from Revenues of Commission—
"Paying" Districts to meet Interest .. £39,000.

CONTRACTS.

STATEMENT of Contracts entered into during the year ended 30th June, 1949.

No.	Name of Contractor.	Work and Supply.	Amount.
			£ s. d.
3252	Arcweld Constructions Pty. Ltd.	Manufacture of field welding 42″ rising main—Robinvale	692 10 0
3253	C. M. Ekberg	Screening and cartage of gravel—Cairn Curran ..	6,531 5 0
3254	Mephan Ferguson Pty. Ltd.	Manufacture of 42″ mild steel concrete lined pipes—Nyah	4,540 5 0
3255	Ruston and Hornsby (Aust.) Pty. Ltd. ..	Manufacture of 6 ½-c.yd. excavators—Murray and major works	37,448 8 0
3256	Ramsden and Chaplin Pty. Ltd.	Manufacture of 3,000 water meters—Districts generally	15,042 14 2
3257	J. S. Adams	Enlargement of storage—Springvale	6,891 11 4
3258	Edward Campbell and Son	Structural steelwork for road bridge—Koo-wee-rup ..	748 0 0
3259	A. D. Hillgrove	Construction of earthern storage—Birchip	2,097 4 9
3260	Nunn Brothers	Removal of camp buildings—Murray Valley ..	498 0 0
3261	D. S. K. Pty. Ltd.	Manufacture of 10,000 water meters—Districts generally	52,500 0 0
3262	Noyes Brothers	Manufacture of 4 shovel excavators—Districts generally	66,237 19 6
3263	Babcock and Wilcox (Aust.) Ltd. ..	Supply and erection of one water tube boiler—Red Cliffs	13,610 0 0
3264	Queensland Machinery Co. Ltd.	Manufacture of 7 tamping rollers—Murray and major works	11,357 10 0
3265	A. T. Harman and Sons Pty. Ltd. ..	Manufacture of 1 diesel powered excavator with shovel attachment—Districts generally	6,100 0 0
3266	Ruston and Hornsby (Aust.) Pty. Ltd. ..	Manufacture of four excavators—Murray and major works	91,002 4 0
3267	W. Lennen	Screening and cartage of gravel—Heyfield	20,102 10 0
3268	Berryman, L. F.	Erection of steel framed building—Werribee ..	1,429 0 0
3269	May and Millar Pty. Ltd.	Manufacture and testing of experimental excavating machine—Horsham	4,050 0 0
			340,879 1 9
	CONTRACTS AT PIECEWORK RATES.		
	Channel construction	Murray Valley	35,994 0 2
	Firewood supplies	Pumping plants	62,819 11 8
	Miscellaneous	Districts generally	19,303 15 11
	Estimated extensions to contracts during year 1948–49	.. ..	33,525 0 0
			492,521 9 6

APPENDIX A.

STATE RIVERS AND WATER SUPPLY COMMISSION.

IRRIGATION SYSTEMS.

RETURN OF WATER DELIVERED—YEAR 1948-49.

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. per annum.	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	6,006	4,404	3,186	823	149	4,158	..	4,158	19
Shepparton	51,000	37,859	21,310	17,486	1,338	334	19,158	76	19,234	..
North Shepparton	44,000	(*d*) 37,494	13,201	11,232	3,860	401	15,493	12	15,505	13
Katandra	13,000	12,983	7,329	6,724	1,788	177	8,689	1	8,690	..
Totals	120,000	94,342	46,244	38,628	7,809	1,061	47,498	89	47,587	32
(*Waranga Reservoir.*)										
Rodney	232,000	220,018	60,898	55,969	32,215	3,090	91,274	(*a*) 333	91,607	..
Tongala-Stanhope	116,000	111,666	48,048	45,896	12,035	1,911	59,842	..	59,842	..
Deakin	23,000	12,275	5,698	4,659	2,063	566	7,288	..	7,288	..
Rochester	147,000	118,193	57,466	53,441	20,892	2,665	76,998	664	77,662	..
Dingee	9,000	6,687	4,447	4,279	1,300	253	5,832	123	5,955	..
Calivil (including Loddon water)	21,000	20,999	6,505	6,004	5,318	373	11,695	592	12,287	(*b*) 15
Tragowel Plains	97,000	102,814	31,192	29,634	14,688	1,182	45,504	..	45,504	(*b*) 25
Boort	35,000	43,115	11,339	10,875	7,046	500	18,421	2,508	20,929	..
Totals	680,000	635,767	225,593	210,757	95,557	10,540	316,854	4,220	321,074	40
Goulburn Grand Totals	800,000	730,109	271,837	249,385	(*f*)103,366	11,601	364,352	4,309	368,661	72
MURRAY SYSTEM—										
(*Yarrawonga Weir.*)										
Murray Valley	196,000	(*e*) 82,064	45,612	23,851	11,413	366	35,630	139	35,769	..
(*Torrumbarry Weir.*)										
Cohuna	122,000	114,793	49,196	45,359	10,903	1,708	57,970	181	58,151	..
Koondrook	70,000	70,001	24,522	22,087	6,701	141	28,929	81	29,010	..
Kerang	71,000	55,022	21,407	20,193	10,313	717	31,223	221	31,444	..
Third Lake	6,000	6,035	2,513	1,903	497	12	2,412	22	2,434	..
Mystic Park	7,000	3,415	2,677	1,772	736	..	2,508	246	2,754	..
Tresco	6,000	4,161	..	..	2,233	..	2,233	..	2,233	..
Fish Point	5,000	2,006	1,845	1,181	150	..	1,331	..	1,331	..
Swan Hill	63,000	52,316	25,877	24,090	10,403	8	34,501	176	34,677	..
Pental Island Private Diversions	..	..	..	..	..	..	..	..	..	6,135
Kerang Private Diversions	..	..	..	..	..	..	..	..	..	1,090
Kerang North-West Lakes Private Diversions	..	..	..	..	..	..	..	..	..	6,668
Upper Gunbower Creek Private Diversions	..	..	..	..	..	..	..	..	..	6,231
Lower Gunbower Creek Private Diversions	..	..	..	..	..	..	..	..	..	8,375
Taylor's Creek Private Diversions	..	..	..	..	..	..	..	..	..	1,983
Kow Swamp Private Diversions	..	..	..	..	..	..	..	..	..	1,970
Pyramid Creek Private Diversions	..	..	..	..	..	..	..	..	..	3,126
Torrumbarry Weir Totals	350,000	307,749	128,037	116,585	(*g*) 41,936	2,586	161,107	927	162,034	35,578
(*Pumped from River Murray.*)										
Nyah	12,000	10,729	7,315	7,904	561	234	8,699	(*b*) 215	8,914	..
Robinvale	11,000	5,928	..	..	2,388	..	2,388	..	2,388	..
Red Cliffs	50,000	42,734	33,993	29,208	935	..	30,143	258	30,401	..
Merbein	33,000	33,251	23,287	21,585	1,250	..	22,835	453	23,288	..
Totals	106,000	92,642	64,595	58,697	5,134	234	64,065	926	64,991	..
Murray Grand Totals	652,000	482,455	238,244	199,133	58,483	3,186	260,802	1,992	262,794	35,578
CAMPASPE SYSTEM—										
Coliban	..	..	..	..	(*c*) 7,060	5,200	12,260	..	12,260	..
Campaspe	(*h*)	2,234	..	..	579	108 (Dams)	687	44	731	..
Totals	..	2,234	..	..	7,639	5,308	12,947	44	12,991	..
WERRIBEE SYSTEM—										
Bacchus Marsh	(*h*)	7,567	3,327	3,177	1,411	220	4,808	(*b*) 971	5,779	..
Werribee	12,000	17,257	8,149	7,464	1,735	348	9,547	(*a*) 487	10,034	..
Totals	12,000	24,824	11,476	10,641	3,146	568	14,355	1,458	15,813	..
MACALISTER SYSTEM—										
Maffra-Sale	(*h*)	47,597	23,163	19,493	3,165	1,085	23,743	775	24,518	..
WIMMERA SYSTEM—										
Quantong, Riverside, Burnlea, Haven, &c.	..	4,264	..	..	3,114	..	3,114	..	3,114	..
PRIVATE DIVERSIONS (not included above)	..	..	..	..	..	..	..	..	..	51,354
Totals	..	1,291,483	544,720	478,652	178,913	21,748	679,313	8,578	687,891	87,004
First Mildura Irrigation Trust	(*h*)	45,268	39,176	26,660	10,701	68	37,429	74	37,503	..
GRAND TOTALS	(*i*)**1,464,000**	**1,336,751**	**583,896**	**505,312**	**189,614**	**21,816**	**716,742**	**8,652**	**725,394**	**87,004**
									812,398	

(*a*) Includes Waterworks Trust. (*b*) Includes Urban Districts. (*c*) Includes 513 acre-feet for mining. (*d*) Includes 4,294 acre-feet passed into Broken Creek from Goulburn System. (*e*) Includes 1,781 acre-feet passed into Broken Creek at Katamatite. (*f*) Includes 17,812 acre-feet "out of season" Sales and 19,600 acre-feet Supplementary Sales due to surplus water in channels. (*g*) Includes 12,368 acre-feet "out of season" Sales and 2,792 acre-feet Supplementary Sales due to surplus water in channels. (*h*) Not expressed in acre-feet. (*i*) Not including Campaspe, Bacchus Marsh, Maffra-Sale, and Mildura.

Total Supplementary Supply to Wimmera-Mallee from Goulburn System for period 1st July, 1948, to 30th June, 1949:—

	Acre-feet.
From Waranga Western Channel	12,220
From Loddon River	14,550
Total	26,770

APPENDIX B.

STATE RIVERS AND WATER SUPPLY COMMISSION.

DOMESTIC AND STOCK SYSTEMS.

Return of Water Delivered to Waterworks Districts during Waterings in Year 1948; measurements being made at Headworks or at Pumping Stations.

Districts.	Quantity.	Total.
	Acre-feet.	Acre-feet.
Wimmera-Mallee System—		
Wimmera River and Storages	60,049	
Loddon and Goulburn Water	..	
River Murray (Nyah Pump)	113	60,162*
Normanville (Loddon and Goulburn)	2,600	
West Loddon (Loddon and Goulburn)	2,122	
East Loddon (Goulburn)	451	
Loddon (Loddon)	1,012	6,185
River Murray—		
Millewa	16,326	
Coreena	50 (a)	
Yelta	582	
Carwarp	1,866	18,824
Grand Total	.. ..	85,171

(a) Due to alteration in watering season.

* 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

In addition to 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

For figures for previous years see Forty-second Annual Report.

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

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

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

MILLEWA CENTRAL.

Year.	Commenced.	Completed.	Days.
1945	16.6.45	3.11.45	141
1946	5.7.46 19.7.46	13.7.46 29.11.46	143
1947	9.6.47	30.9.47	115
1948	7 5·48	24·9·48	141

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

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

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 1937–38 :—

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—
1937–38 ..	5,969	376	6,345	12,713	7,724	61	Whole system (restrictions on minor races)
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	13,126	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

* 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.

STATE RIVERS AND WATER SUPPLY COMMISSION.

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 1948-49.

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	13,956	11,174	7,329	**8,028**	947	313	27	..	2,285	4,456	..	..	..	..
North Shepparton	121,937	61,438	13,201	**23,804**	6,137	1,948	213	1,346	10,989	2,774	13	30	351	3
Shepparton	24,380	21,310	21,310	**19,112**	410	583	64	1,490	2,634	2,825	132	9,038	1,911	25
South Shepparton	33,705	17,921	4,404	**8,551**	1,697	672	35	239	4,747	919	..	38	204	..
Rodney	272,597	190,318	60,898	**99,758**	3,529	17,351	488	3,205	50,876	13,552	258	8,803	1,627	69
Tongala-Stanhope	76,148	47,622	48,048	**43,834**	590	3,634	73	596	14,361	22,691	19	1,808	62	..
Rochester	181,586	56,995	57,466	**63,977**	3,170	6,162	184	7,113	12,740	32,380	6	1,248	377	597
Dingee	8,823	4,447	4,447	**4,085**	242	16	..	68	701	3,055	..	3	..	..
Calivil	61,140	32,527	6,505	**14,345**	3,575	254	181	1,585	5,268	3,212	..	9	133	128
Tragowel Plains	218,124	148,761	31,192	**47,311**	9,415	1,095	2,575	16,077	15,104	732	4	..	..	2,309
Deakin	160,888	21,202	5,698	**8,738**	225	561	34	220	3,999	3,699	..	..	..	..
Boort*	80,240	56,722	11,339	**22,570**	4,223	1,147	1,172	6,541	6,710	500	..	..	..	2,277
Totals	1,253,524	670,437	271,837	**364,113**	34,160	33,736	5,046	38,480	130,414	90,795	432	20,977	4,665	5,408
RIVER MURRAY SYSTEM.														
(*a*) *Torrumbarry Weir.*														
Cohuna	85,025	44,581	49,196	**59,563**	1,932	1,733	227	22,701	8,564	23,813	..	52	..	541
Koondrook	82,677	24,472	24,522	**34,762**	2,057	1,591	896	8,302	14,354	5,503	2	1,132	21	904
Swan Hill	37,165	22,259	25,877	**21,492**	1,331	3,257	155	1,665	6,480	2,443	3,908	260	987	1,006
Third Lake	11,483	3,771	2,513	**3,992**	236	86	44	1,109	2,256	222	..	2	10	27
Mystic Park	20,274	7,805	2,677	**3,047**	878	84	100	850	562	255	15	..	18	285
Tresco	3,482	2,000	..	**1,115**	..	40	..	..	..	..	865	175	..	35
Fish Point	6,327	3,756	1,845	**2,659**	156	122	40	1,347	676	318	..	..	..	..
Kerang	88,400	55,435	21,407	**36,674**	3,581	1,381	1,263	14,150	12,027	3,916	..	2	18	336
Kerang North-West Lakes	35,943	..	..	**6,384**	851	210	139	2,584	1,750	242	..	421	11	176
Lands supplied direct (Outside Districts)	..	..	..	**22,816**	2,815	2,528	142	4,673	7,543	4,656	..	104	20	335
Totals	370,776	164,079	128,037	**192,504**	13,837	11,032	3,006	57,381	54,212	41,368	4,790	2,148	1,085	3,645
(*b*) *Yarrawonga Weir.*														
Murray Valley	268,389	111,527	45,612	**29,976**	4,840	6,605	360	2,875	9,491	3,124	45	2,121	464	51
(*c*) *Direct from River by Pumping.*														
Nyah	3,839	2,702	7,315	**2,973**	95	71	..	..	38	110	2,480	130	49	..
Red Cliffs	30,965	11,284	33,993	**11,541**	..	169	..	..	50	..	10,828	412	82	..
Merbein	10,506	7,615	23,279	**7,965**	15	29	100	98	8	..	7,069	534	74	38
Totals	45,310	21,601	64,587	**22,479**	110	269	100	98	96	110	20,377	1,076	205	38
Totals (River Murray System)	684,475	297,207	238,236	**244,959**	18,787	17,906	3,466	60,354	63,799	44,602	25,212	5,345	1,754	3,734
LODDON AND OTHER NORTHERN SYSTEMS.														
Boort	..	..	..	**1,188**	222	60	62	345	353	26	..	..	..	120
East Loddon	..	..	..	**681**	199	..	..	36	446	..	..	..	..	..
Loddon	..	..	..	..	..	..	..	..	..	..	..	..	..	..
West Loddon	..	..	..	**4,636**	2,003	146	95	257	318	..	..	2	..	1,815
Colliban	..	10,900	..	**7,624**	35	454	115	587	827	603	8	3,521	1,474	..
Campaspe	19,725	..	..	**1,300**	520	249	..	420	..	110	..	1	..	..
Western Wimmera	..	3,097	..	**2,604**	..	248	5	20	49	851	56	1,063	312	..
Wimmera United	..	162	..	**127**	..	67	..	26	34	..	..	..	..	..
Totals	19.725	14,159	..	**18,160**	2,979	1,224	277	1,691	2,027	1,590	64	4,587	1,786	1,935
SOUTHERN SYSTEMS.														
Bacchus Marsh	6,705	3,327	3,327	**3,006**	14	641	28	779	..	1,173	..	123	204	44
Werribee	9,703	8,148	8,149	**7,908**	..	682	155	..	..	3,814	..	365	2,803	89
Maffra-Sale	52,905	23,147	23,163	**24,708**	70	1,473	340	..	842	21,880	..	5	23	75
Totals	69,313	34,622	34,639	**35,622**	84	2,796	523	779	842	26,867	..	493	3,030	208
MILDURA AND PRIVATE DIVERSIONS.														
First Mildura Trust District	44,000	15,000	..	**12,937**	..	248	138	..	..	..	11,680	871	..	..
Private Diversions—Kerang (outside district)	..	..	..	**2,683**	360	97	109	382	1,483	247	..	..	5	..
Other Private Diversions throughout the State	..	..	..	**44,494**	5,753	6,064	378	2,701	4,499	12,315	2,870	3,617	2,640	3,657
Totals	44,000	15,000	..	**60,114**	6,113	6,409	625	3,083	5,982	12,562	14,550	4,488	2,645	3,657
Grand Totals 1948-49	**2,071,037**	**1,031,425**	**544,712**	**722,968**	**62,123**	**62,071**	**9,937**	**104,387**	**203,064**	**176,416**	**40,258**	**35,890**	**13,880**	**14,942**
Grand Totals 1947-48	2,072,180	1,016,515	515,392	**686,848**	33,889	65,211	8,685	112,184	199,758	166,634	39,768	35,865	12,906	11,948

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

(B) COMPARATIVE STATEMENT OF THE EXTENT OF IRRIGATION—1944-45, TO 1948-49.

Source of Supply.	Area under Irrigation (Acres).				
	1944-45.	1945-46.	1946-47.	1947-48.	1948-49.
Goulburn System	311,378	326,516	345,044	337,700	364,113
River Murray System	259,327	229,676	250,841	230,568	244,959
Loddon and Other Northern Systems	9,451	12,808	15,115	14,776	18,160
Southern Systems	35,638	32,087	36,878	38,355	35,622
Mildura Trust and Private Diversions	49,416	55,758	60,712	65,449	60,114
Totals	665,210	656,845	708,590	686,848	722,968

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 1,974,250 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 2,778,750 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*)	736,420	
Yarrawonga Weir	95,120	Half share to Victoria.	412·80 (*b*)		
Torrumbarry	28,900		285·00 (*c*)		
Euston	31,320		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	69,400	
Kangaroo, Racecourse, Charm			241·00		
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)			618·25	53,300	
Wartook (700 acre feet below gravitation level)			1,500·00	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			..	4,960	
					206,830
Maffra-Sale System—					
Glenmaggie			244·00	104,500	
Service Basins (Stratford, Heyfield)			..	40	
					104,540
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			..	..	**1,974,250**
ADDITIONAL STORAGE BEING PROVIDED BY WORKS IN COURSE OF CONSTRUCTION.					
Wimmera-Mallee System—					
Rocklands			644·00	..	264,000
Murray-Loddon System—					
Cairn Curran			684·00	..	120,000
FURTHER STORAGE WHICH WILL BE PROVIDED WHEN GATES ARE INSTALLED ON THE RESPECTIVE SPILLWAYS.					
Maffra-Sale System—Glenmaggie to 150,000 acre feet			255·00	45,500	
Murray System—Hume Reservoir to 2,000,000 acre feet half share to Victoria)			626·00	375,000	
					420,500
TOTAL CAPACITY OF STORAGES WHEN WORKS ARE COMPLETED			..	..	**2,778,750**

(*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.

APPENDIX G.

STATE RIVERS AND WATER SUPPLY COMMISSION.

VICTORIAN WATER SUPPLY STATISTICS.

1948–49.

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	**20,183* square miles =**	**12,917,070* acres**
Area of Irrigation Districts and other lands supplied for irrigation		**2,419,130* acres**
Area Irrigated (1948–49)		**722,968 acres**
Area within Flood Protection Districts		**148,910* acres**
Area within Drainage Districts		**519,980* acres**

* Gross area.

DISTRIBUTION OF AVERAGE RAINFALL FOR THE YEAR.

Over State (87,884 square miles)			10 inches to 80 inche
Under 15 inches	26,102	square miles =	29·70 per cent. of area of State
15 inches to 20 inches	19,309	„ „ =	21·97 „ „ „
20 „ 25 „	13,722	„ „ =	15 62 „ „ „
25 „ 30 „	11,803	„ „ =	13·43 „ „ „
30 „ 40 „	11,136	„ „ =	12·67 „ „ „
40 „ 50 „	3,923	„ „ =	4·46 „ „ „
50 „ 60 „	1,735	„ „ =	1·97 „ „ „
Over 60 inches	154	„ „ =	0·18 „ „ „
Total	87,884		

WATERWORKS—

Controlled by Commission—

Storages—

Number of large reservoirs	**35**
Number of subsidiary reservoirs and service basins	**230**

Total capacity of storages, 537,490 million gallons = 1,974,250* acre feet.

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

Channels—Length—

Irrigation	**4,561 miles**	
Domestic and Stock	**8,500 miles**	
Drainage and Flood Protection	**2,164 miles**	
Total		**15,225 miles**

Pipe Lines—Length—

Mains	**260 miles**	
Reticulation	**885 miles**	
Total		**1,145 miles**

Tanks—Excavated—

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

Bores—

Number in Waterworks Districts	**57 bores**

Water Deliveries—

Quantity water delivered from Commission's Works to water-users (excluding deliveries to Wimmera-Mallee and Other Domestic and Stock Systems)	**720,427 acre feet**

RURAL DISTRICTS—

Administered by Commission—

	Number of Districts.	Number of Assessments.	Population.
Irrigation Districts	**28**	**13,203**	**37,186**
Waterworks Districts (including rural lands, Coliban System)	**34**	**20,512**	**56,045**
Flood Protection Districts	**4**	**1,438* (43)**	**4,050* (69)**
Drainage Districts	**14**	**4,660* (5,502)**	**5,000* (18,751)**
Totals	**80 districts**	**39,813 assessments**	**102,281 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—

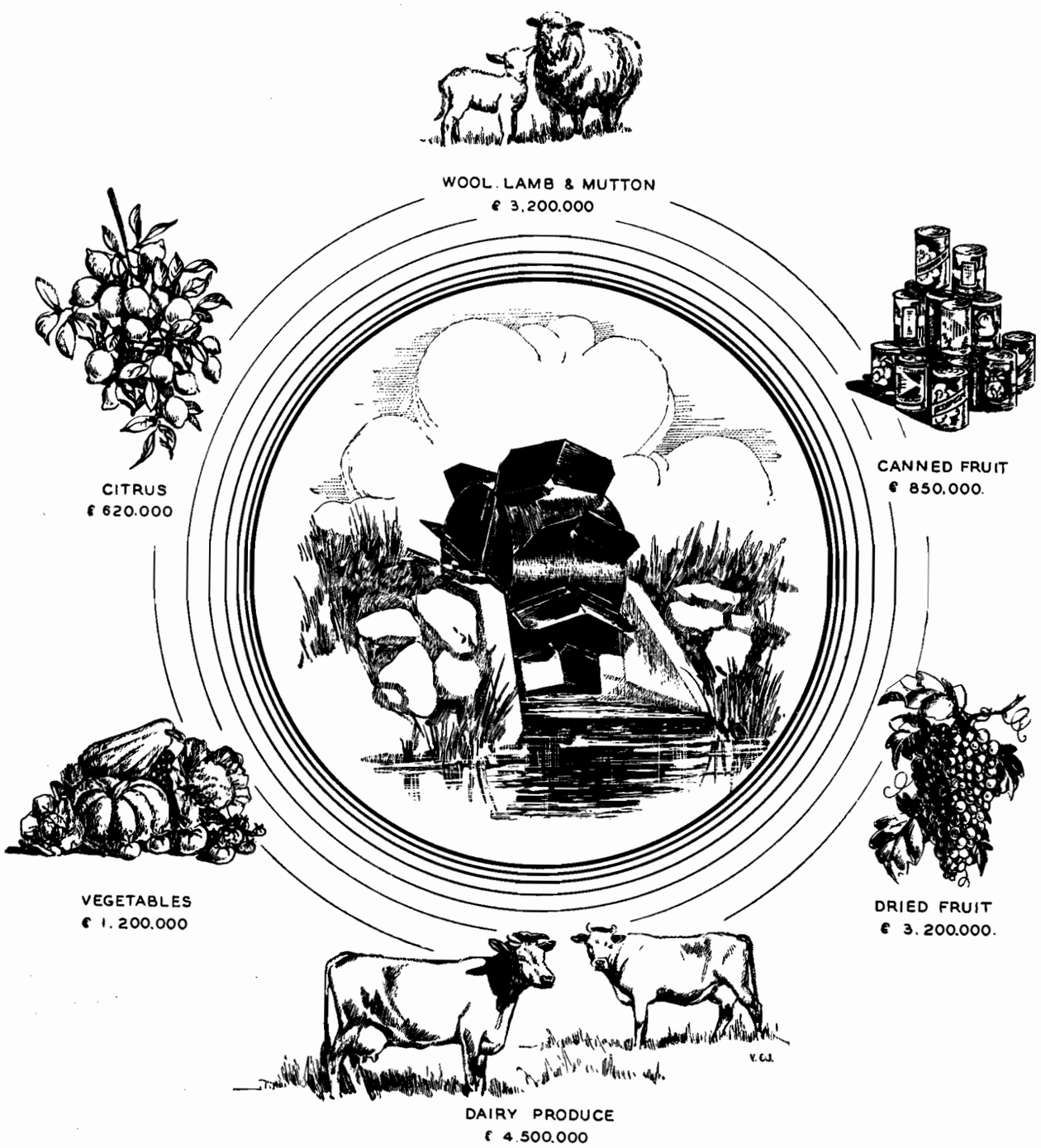
	Number of Towns.	Population.
Administered by Commission	**128**	**145,260 persons**
„ „ Waterworks Trusts	**118**	**241,750 „**
„ „ Local Governing Bodies	**15**	**78,950 „**
Totals	**261 towns**	**465,960 persons**

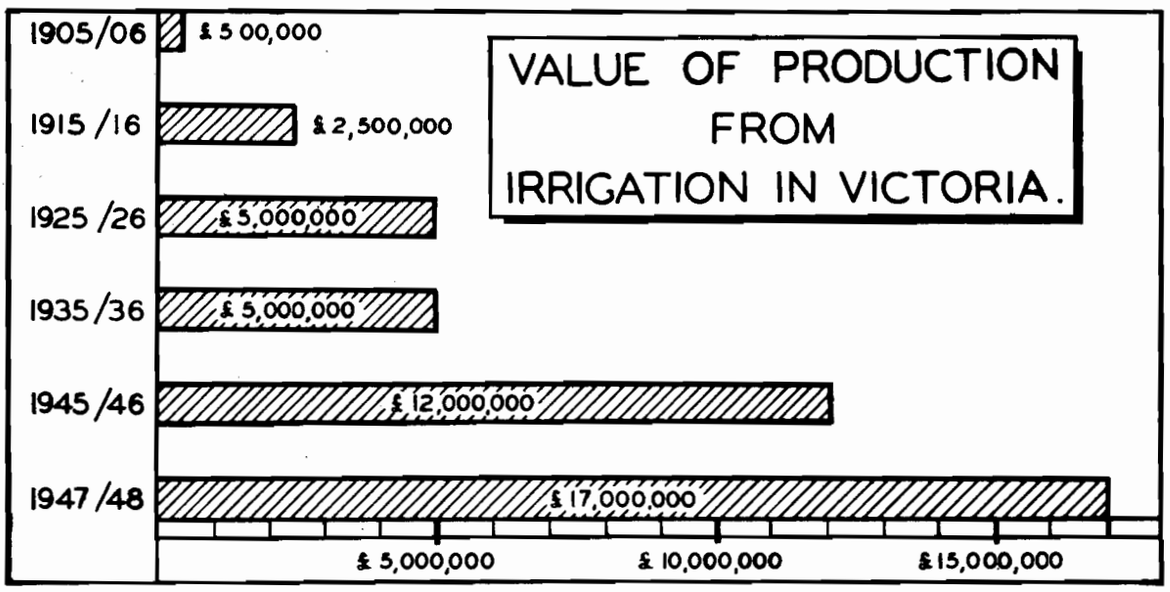
SEWERAGE AUTHORITIES—

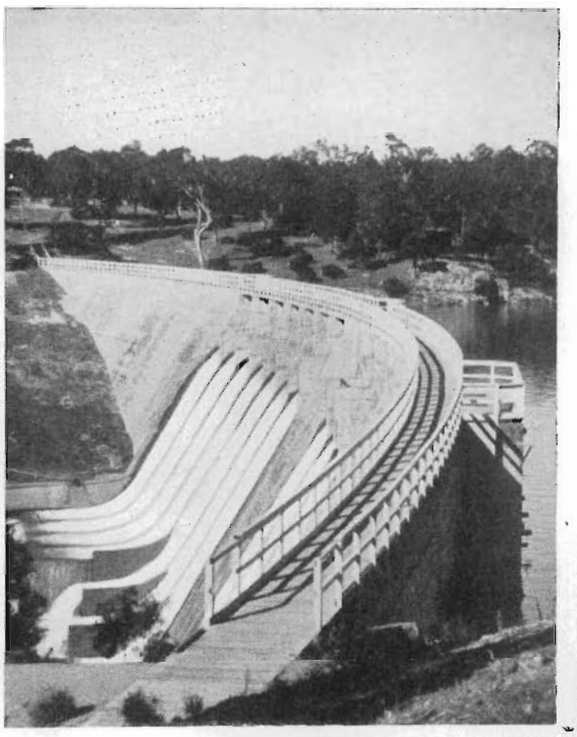
	Number of Towns.	Population.
Controlled by Local Authorities supervised by Commission	**23 (Systems operating)**	**171,800 persons**
	5 (Systems partly operating)	**10,600 „**
	20 (Systems not operating)	**50,750 „**
Totals	**48 towns**	**233,150 persons**

CAPITAL LIABILITY FOR WATER SUPPLY—

Total to 30th June, 1949—(*a*) Borne by the State	**£30,841,732**
(*b*) Borne by the Districts	**£3,808,391**
Total	**£34,650,123**

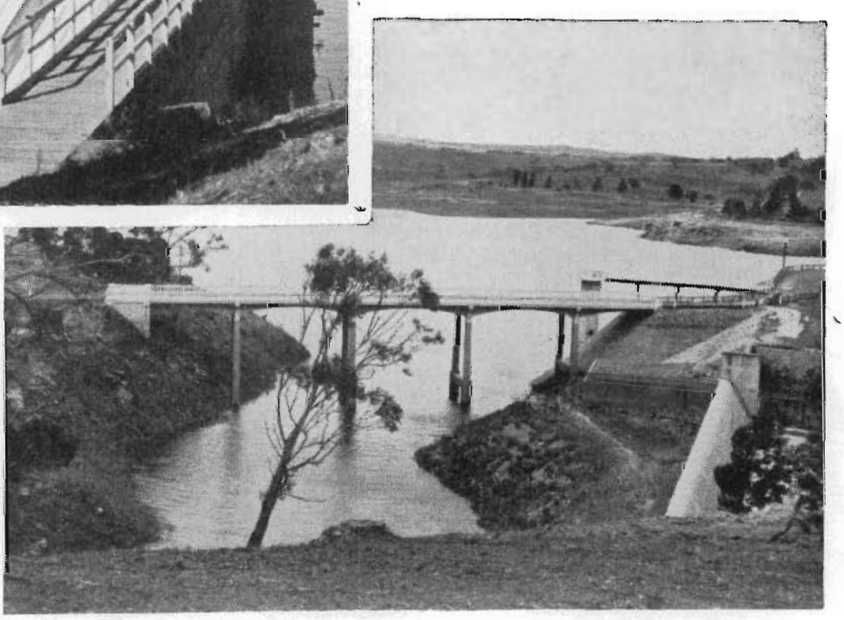

WOOL. LAMB & MUTTON
£ 3,200,000
CITRUS
£ 620,000
CANNED FRUIT
£ 850,000.
VEGETABLES
£ 1,200,000
DRIED FRUIT
£ 3,200,000.
DAIRY PRODUCE
£ 4,500,000


VALUE OF PRODUCTION FROM IRRIGATION IN VICTORIA.
1905/06
£ 500,000
1915/16
£ 2,500,000
1925/26
£ 5,000,000
1935/36
£ 5,000,000
1945/46
£ 12,000,000
1947/48
£ 17,000,000
£ 5,000,000
£ 10,000,000
£ 15,000,000

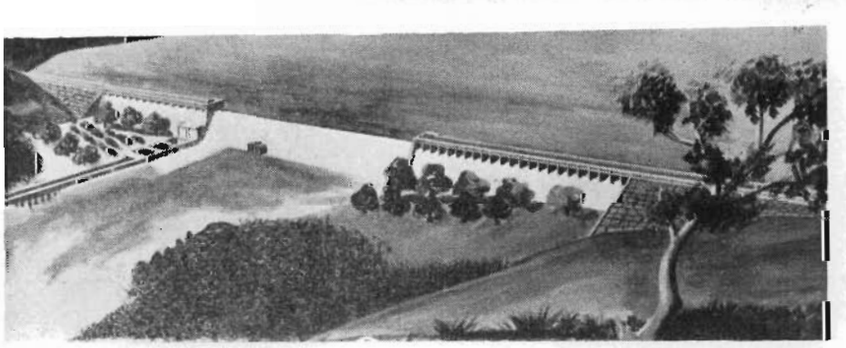


At left : **Glenmaggie Dam** on the Macalister River, is a concrete structure arched in plan, 961 ft. in length and stores water to a depth of 100 ft. The present capacity is 104,500 ac. ft. but enlargement proposed would increase capacity to 150,000 ac. ft. Storage supplies irrigation water to Central Gippsland Irrigation Area.

Below : **Pyke's Creek Reservoir** on a tributary of the Werribee River. The dam consists of an earthen embankment with clay puddle core wall. The main bank is 1,270 ft. long and 128 ft. high. The spillway section is 290 ft. long. Water is supplied for irrigation to the Bacchus Marsh and Werribee Districts. Capacity 19,400 ac. ft.



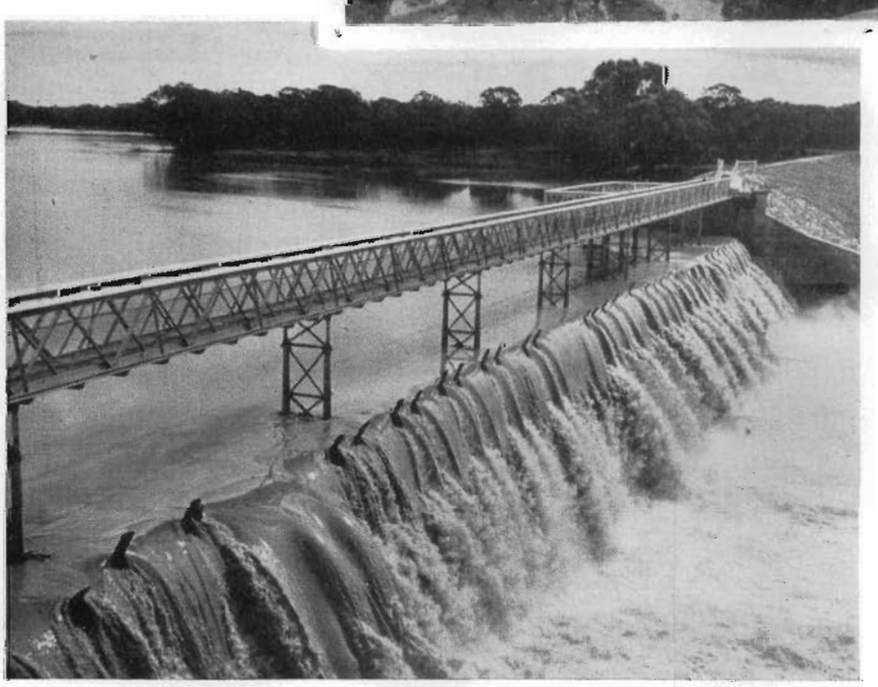
At right : **Melton Reservoir** on the Werribee River. Dam consists of a rock embankment with concrete core wall and concrete spillway, fitted with five stoney type gates each 40 ft. x 5 ft. The total length of the dam is 986 ft. and the height 116 ft. The storage, which has a capacity of 15,500 ac. ft. supplies the Werribee Irrigation District.



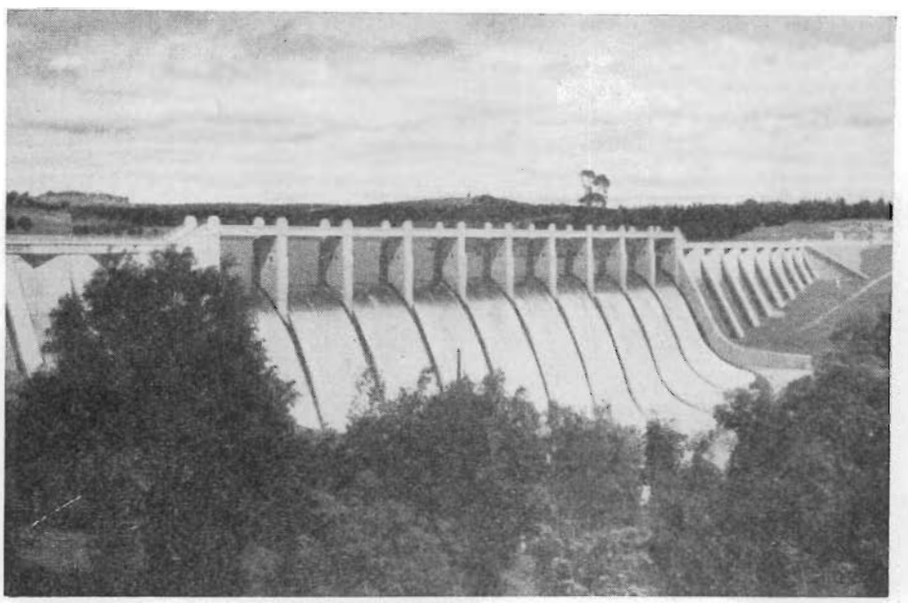
Rocklands Dam (under construction).—Artist's conception of dam on the Glenelg River to supplement domestic and stock supplies to Wimmera-Mallee Overall length of dam 1,580 ft., comprising concrete spillway (507 ft.), concrete (385 ft.) and rockfill abutments (688 ft.), and height 84 ft.

Goulburn Weir on the Goulburn River is a mass concrete structure faced with granite masonry and fitted with flood control gates. The length of the weir is 550 ft. and the height 57 ft. Weir acts as a diversion structure for the Goulburn Irrigation districts and to fill the Waranga Reservoir.

At right : **Eildon Reservoir** on the Goulburn River. A rock fill embankment 3,259 ft. in length and 157 ft. in height. Concrete spillway section 652 ft. net length fitted with six 20 ft. x 15 ft. flood gates. Present capacity 306,000 ac. ft. Main storage reservoir of the Goulburn Irrigation System.

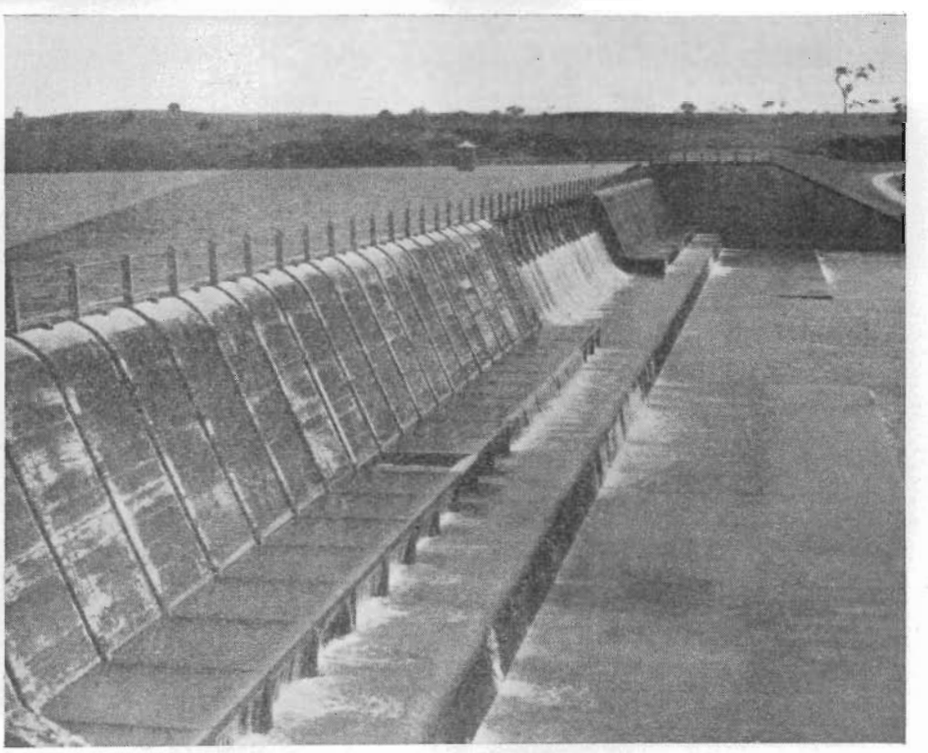


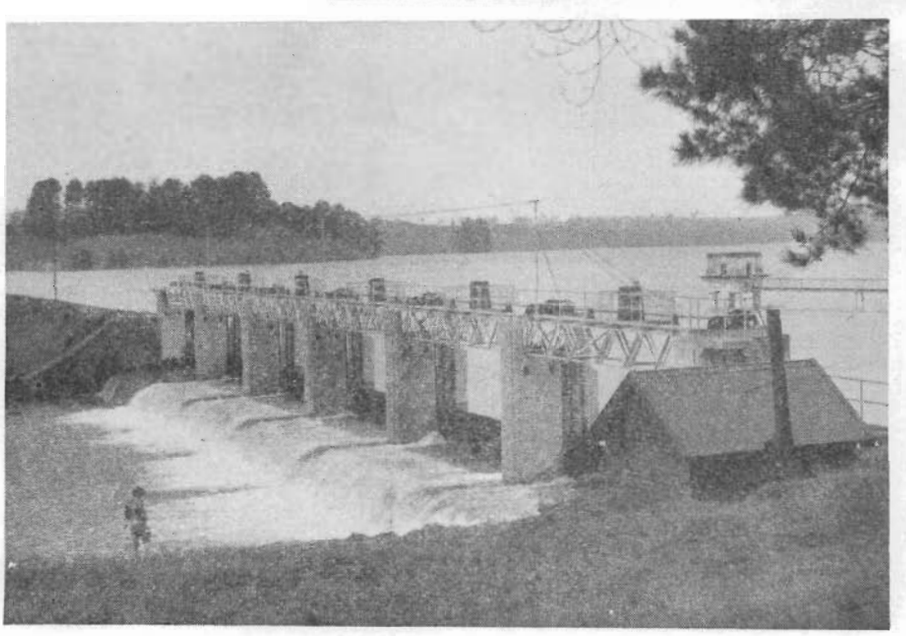
At left : **Laanecoorie Reservoir** on the Loddon River. Dam is an earthen embankment with masonry spillway fitted with flood control gates. Dam is 922 ft. long and the maximum height of the bank is 71 ft. Storage capacity of 6,300 ac. ft. supplies water for irrigation.



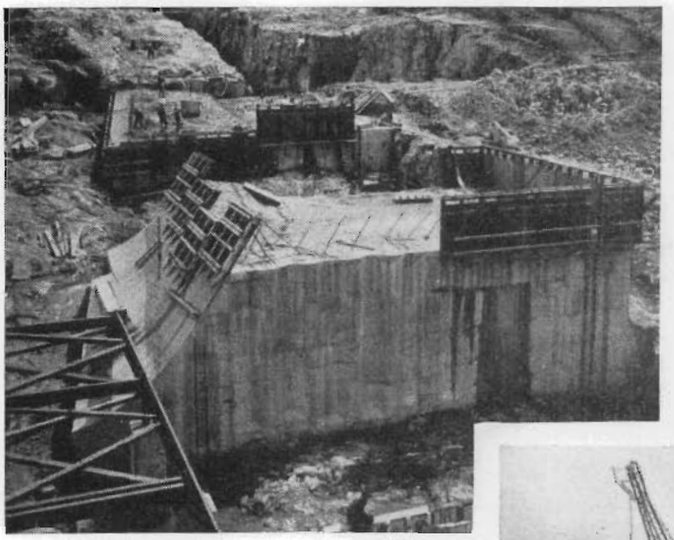
At *left* : **Lauriston Reservoir** on the Coliban River. A concrete dam of the massive buttress type with rockfill end embankments. The total length of the dam is 800 ft. and the height of the concrete section, 116 ft. above foundation. Storage capacity of 16,000 ac. ft. serves City of Bendigo and towns in the Coliban area.

At *right* : **Upper Coliban Reservoir**—Earth dam with clay core and concrete weir fitted with siphonic spillways. The dam is 1,283 ft. in length and maximum height of the earthen section is 93 ft. Stores water for town supplies, irrigation and mining in the Coliban area. Capacity 25,700 ac. ft.





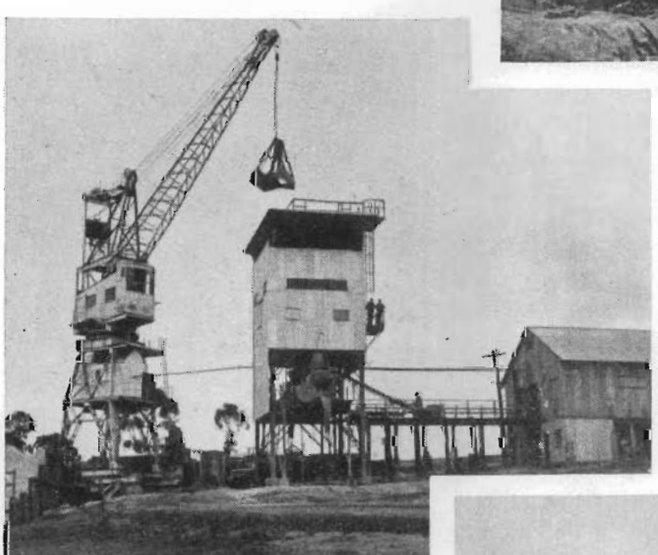
At *left* : **Malmsbury Reservoir** on the Coliban River. Earth embankment with clay core wall and concrete spillway fitted with flood control gates. The total length of the dam is 2,098 ft. and the maximum height of the bank is 80 ft. Storage capacity is 14,400 ac. ft. which serves the Coliban area.



Rocklands Dam on the Glenelg River is to be a mass concrete dam with rockfill abutments. The overall length of the dam will be 1,580 ft. and the height of the spillway section above the foundations will be 80 ft.

At left : View of section of spillway under construction showing formwork being prepared for placing further concrete.

At right : **Rocklands Dam**—General view along line of cableway. Diversion pipe carrying normal flow of river during construction is shown in foreground.



Cairn Curran Dam (under construction) on the Loddon River comprises a main bank 2,285 ft. in length and a subsidiary bank 2,130 ft. in length, both of compacted earth fill with a concrete spillway channel and diversion culvert.

At left : Six-ton portal crane with grab which loads aggregate materials into the concrete mixing plant shown in centre of pictures.

At right : **Cairn Curran Dam**—View of concreting of the lower portion of the culvert in progress.

The culvert will divert the river flow during construction and upon completion of the bank will house the outlet works.

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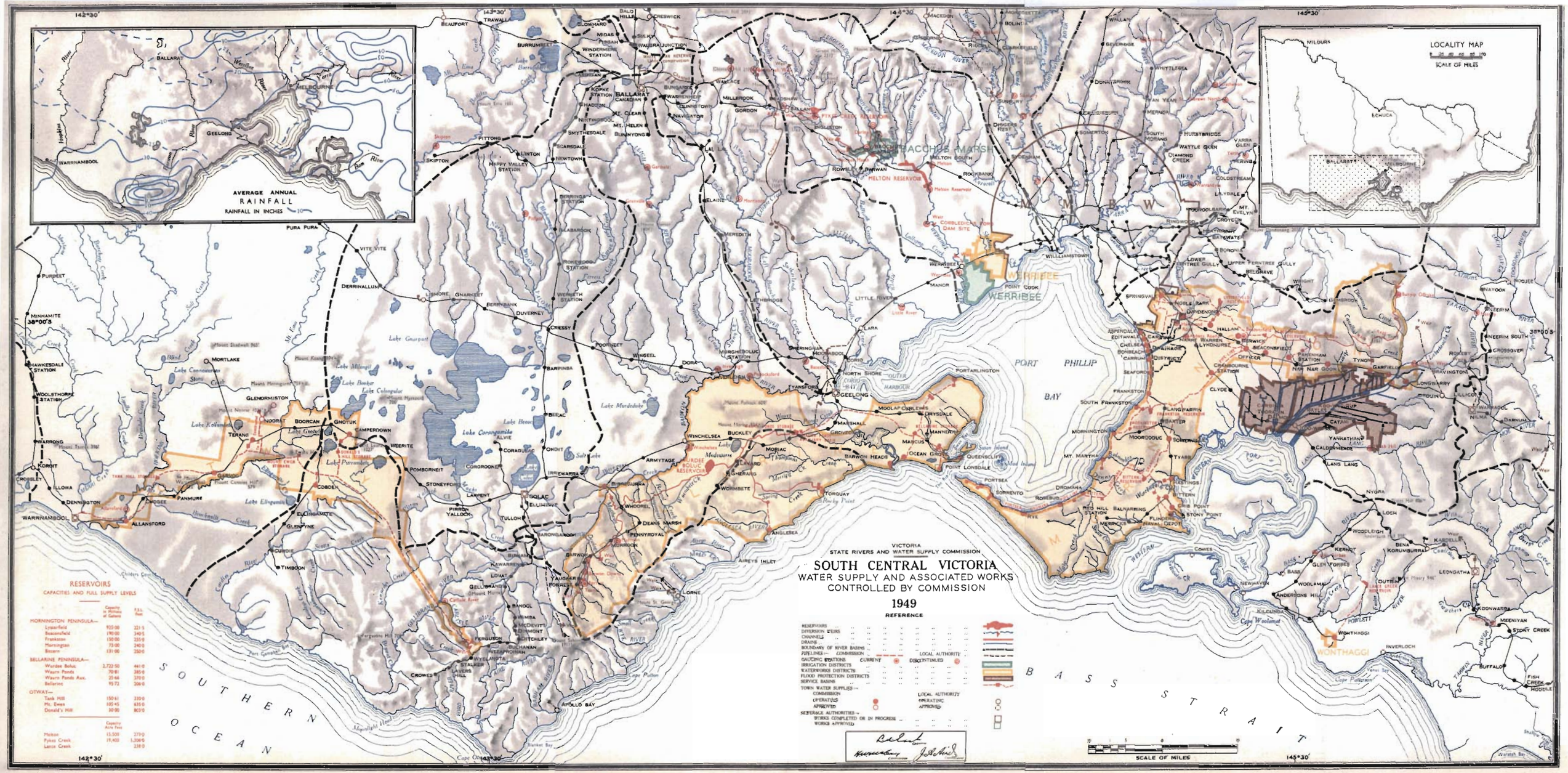
AVERAGE ANNUAL RAINFALL
RAINFALL IN INCHES
LOCALITY MAP
SCALE OF MILES
VICTORIA
STATE RIVERS AND WATER SUPPLY COMMISSION
SOUTH CENTRAL VICTORIA
WATER SUPPLY AND ASSOCIATED WORKS
CONTROLLED BY COMMISSION
1949
REFERENCE
RESERVOIRS
CAPACITIES AND FULL SUPPLY LEVELS
MORNINGTON PENINSULA—
Lysterfield 925·00 221·5
Beaconsfield 190·00 240·5
Frankston 150·00 235·0
Mornington 75·00 240·0
Bittern 131·00 250·0
BELLARINE PENINSULA—
Wurdee Boluc 2,722·50 441·0
Waurn Ponds 70·81 385·0
Waurn Ponds Aux. 25·66 370·0
Bellarine 95·72 306·0
OTWAY—
Tank Hill 150·61 330·0
Mt. Emeu 100·45 635·0
Donald's Hill 30·00 803·0
Melton 15,500 279·0
Pykes Creek 19,400 1,209·0
Lance Creek 218·0
SCALE OF MILES
SOUTHERN OCEAN
BASS STRAIT
PORT PHILLIP BAY
WESTERN PORT BAY
CORIO BAY
WESTERNPORT