

1945.

VICTORIA.

STATE RIVERS AND WATER SUPPLY COMMISSION.

FORTIETH
ANNUAL REPORT,
1944-45.

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STATE RIVERS AND WATER SUPPLY COMMISSION.

100-110 Exhibition Street,

Melbourne, C.I.,

17th December, 1945.

ANNUAL REPORT, 1944-45.

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 1944-45, 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.

H. HANSLOW, Commissioner.

L. DUGGAN, Secretary.

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ANNUAL REPORT

OF

THE STATE RIVERS AND WATER SUPPLY COMMISSION

FOR

YEAR ENDED 30TH JUNE, 1945.

PART 1.—SUMMARY OF REPORT.

GENERAL.

Page

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

This Report covers the period 1st July, 1944, to 30th June, 1945.

RATING.

The total net annual valuation of properties within irrigation and waterworks districts and the urban divisions and districts thereof, including the Coliban System, amounted to £3,657,330, indicating a total capital value of over £72,700,000 43

The total number of rating assessments in the districts supplied with water by the Commission is 78,243 and the numbers of persons dwelling in such districts total 212,623 43

IRRIGATION DEVELOPMENT.

The area irrigated during the year was 665,210 acres, a decrease of 34 acres on the previous year's figure 16 and Appendix E

The soil survey of the Nambrok-Denison irrigation area has been commenced 18

The Murray Valley Irrigation District was extended to 103,238 acres. The total area actually irrigated in this district increased from 15,001 acres in 1943-44 to 22,291 acres in 1944-45 21

Dried fruit tonnages were considerably less during 1944-45 than in preceding years owing to severe drought 17

Preliminary investigations were made into the use of underground waters in Western Victoria 19

WATER SUPPLY.

The total capacity of water storages controlled by the Commission is 1,975,520 acre feet, including Victoria's half-share of River Murray storages Appendix F

The total area of lands in Victoria supplied with water for domestic and stock purposes or for irrigation by channels, tanks, bores, and pipe lines was 15,166,950 acres 20

Owing to continued dry conditions, the Commission's storages, with a total capacity of 1,888,020 acre feet, contained only 334,565 acre feet at 30th June, 1945 36

From the Commission's irrigation systems, the record quantity of 731,670 acre feet of water was delivered 20

Authorized diversions from streams, issued under long-term licences and annual permits total 2,012, compared with 2,399 in 1943-44 35

TOWN SUPPLIES.

The Town Water Supplies Committee, appointed by the Government to inquire into and report on matters associated with water supplies to country towns, presented its Final Report	13
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A record quantity of 263,572,000 gallons of water was supplied, by agreement, from the Otway System to the City of Warrnambool	26
Water supplied from the Bellarine Peninsula System to the City of Geelong, by agreement, was also a record quantity of 1,079,540,000 gallons	26
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DOMESTIC AND STOCK SUPPLIES.

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PUMPING.

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A further conference of Ministers representing the Governments of the Commonwealth of Australia and of the States of Victoria, New South Wales, and South Australia, re-affirmed the recommendation of the previous conference to the Governments concerned that the Hume Reservoir on the River Murray be increased in capacity from 1,250,000 acre feet to 2,000,000 acre feet	11-13
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PART II.—GENERAL.

OUTLINE OF REPORT.

This Report covers the period 1st July, 1944, to 30th June, 1945, and includes information regarding the principal undertakings of the Commission and its administration throughout the year.

Statements are inserted giving particulars of the districts supplied with water by the Commission; the annual value of the lands and tenements supplied and the numbers of persons dwelling in these districts; the water rates, irrigation charges, and drainage and flood protection rates and charges levied; the areas of lands under irrigated culture within the State; the quantities of water delivered to districts during the year; and the capacities of the various water storages. Financial particulars relating to the Commission's Works and Districts to 30th June, 1945, and Estimates of Revenue and Expenditure for the year 1945-46 are also included.

Reference is made to legislation passed by Parliament in 1944-45 affecting the Commission's administration and to inquiries made by the Parliamentary Public Works Committee and the State Development Committee into various matters concerning water supply. This Report refers also to another Ministerial Conference in regard to the enlargement of the Hume Reservoir on the River Murray, and to a further report by the Town Water Supplies Committee. Information is also given with respect to the preparation of schedules of important post-war works to be undertaken by the Commission.

Reference is also made to the progress of investigations of the water resources of Victoria, and to an approved proposal for a large storage on the Loddon River at Cairn Curran, the proposed recommencement of the Rocklands Dam on the Glenelg River, investigations into an enlarged Eildon Reservoir, the greater utilization of the waters of the Campaspe and Broken Rivers as well as improvements to the Torrumbarry System, and to a number of other investigations for increased water conservation and distribution throughout Victoria.

The progress of work on the construction of channels in the Murray Valley District, including a proposed soldier settlement is referred to, together with the carrying out of investigations for the supply of water for irrigation purposes to the Nambrook-Denison area in East Gippsland.

Progress on the supply of water to the Wychitella District for domestic and stock purposes is mentioned, and also the difficulties with which the Commission has been faced in removing drift sand from domestic and stock water supply channels in the Wimmera-Mallee System.

Attention is drawn to the need for additional staff for the preparation of the post-war programme of water supply works, the need for more office accommodation and the steps that have been taken to meet these urgent requirements.

Particular reference is also made to the continuance of the drought throughout Victoria, its effect on stream flows, and the increasing demands upon the Commission's water supply storages in all parts of the State.

LEGISLATION.

The following Acts affecting the administration of the Commission were passed by Parliament in the 1944 and 1945 sessions:—

Water (Loddon) Act 1944, No. 5003.—This Act abolished the Loddon United Waterworks Trust, excised portion of the Normanville Waterworks District, and constituted the Mitiamo Waterworks District and the Mitiamo Urban District together with three other Waterworks Districts.

Water Act 1944, No. 5017.—This Act gave the Commission certain additional powers which in the light of experience have been found necessary for the more effective administration of the Acts under which the Commission carries on its work. The following are the more important of its provisions:—

The exclusion from rating of any lands within waterworks districts which are unable, because of their situation, to receive a direct water supply from the Commission's works although such lands are within the boundaries of a waterworks district. Effect is given to this provision by placing any such land in a Fourth Division in respect to which no rates will be payable.

It limits water rights and irrigation charges in certain districts during the war period and twelve months thereafter, if it is considered desirable because of the difficulties with which irrigators are faced in developing the land to its fullest extent under irrigation owing to war conditions.

It provides that the Commission may, in addition to carrying out work for water users carry out surveys for subdivision of land at the cost of the owners.

Authorizes the transfer to the State of the liability of certain districts and divisions for arrears of interest and losses on operations prior to 1st of July, 1938.

Makes provision for further adjustment of capital liability for works in certain districts subject to the control of the Commission. The purpose of this provision is to enable the whole of the capital cost of irrigation works to be nationalized or transferred to the State.

The Act enables land holders in the Commission's districts to acquire compulsorily under certain well defined conditions, easements over neighbouring lands in order to permit the construction of channels from the Commission's works to supply their particular properties.

It also authorizes waterworks trusts and local governing bodies to establish superannuation or endowment schemes for their employees, either separately or jointly with other such authorities.

Mildura Irrigation and Water Trusts Act 1944, No. 5019.—This Act authorizes the Trust and the Mildura Urban Water Trust to remit or excuse the rates on account of poverty.

Farm Water Supplies Advances Act 1944, No. 5020.—Provides that the Board of Land and Works may advance to farmers loans bearing interest at the rate of $3\frac{1}{2}$ per cent. for the construction or improvement of farm water supplies for domestic and stock purposes, which advances are subject to approval by the State Rivers and Water Supply Commission.

Sewerage Districts Act 1944, No. 5021.—Authorizes payment to the Chairman of a Sewerage Authority of an allowance not exceeding 1 per cent. of the Authority's revenue, and provides also that any Sewerage Authority may make provision for superannuation or endowment schemes for its employees.

Mildura Irrigation and Water Trusts (Superannuation) Act 1944, No. 5023.—Empowers the First Mildura Irrigation Trust and the Mildura Urban Trust to adopt or join superannuation or endowment schemes for the benefit of their officers and employees.

Water Supply Loans Application Act 1944, No. 5048.—Sanctions the issue and application of certain sums of money totalling £973,950 under the Loans Act or under State Loans Repayment Fund for irrigation works, drainage and flood protection works and for works under the River Murray Waters Act.

INQUIRIES AND REPORTS.

PARLIAMENTARY PUBLIC WORKS COMMITTEE'S INQUIRIES.

Water Resources of Victoria—Loddon River and Tributaries.

On the 5th October, 1944, the Parliamentary Public Works Committee completed its report on the "Desirability and practicability of constructing storages, reservoirs and other necessary works for the conservation and distribution of the flows of the Loddon River and its tributaries, in order to improve water supplies for domestic and stock, irrigation and other purposes, to areas which could be served from these works, with particular reference to the domestic and industrial development of the towns and townships within these areas."

In its First Progress Report, the Committee recommended :—

- (1) The construction of pumping plant and pipe lines to convey water from Laanecoorie Storage to the townships of Dunolly and Tarnagulla.
- (2) That such works be undertaken and completed in time to assure water supplies to the towns for next summer.

The Committee also recommended after taking evidence from the Commission and its officers and interviewing nearly 100 local witnesses and a Mines Department geologist, that the most suitable site for a large storage in the Loddon system would be on the Loddon River at Cairn Curran near Newstead.

The Committee reported that fifteen other sites were investigated but were rejected either on account of inaccessibility, construction difficulties or excessive cost.

The Committee resolved that an earth bank to form a reservoir with a capacity of 120,000 acre-feet would be the most suitable storage to be constructed at this site, and that from it could be obtained a regulated outflow of about 52,000 acre feet per annum, which would provide 26,000 acre feet per annum to irrigators in districts adjacent to the Loddon River except in years of extreme drought.

It was further stated that although the estimated cost of the reservoir would be £1,231,000, the direct and indirect benefits to the State would offset the capital outlay to a marked degree. It was said that the State and Commonwealth would receive taxation benefits to the extent of £100,000, while the spread of population in rural areas and the £260,000 per annum of increased production as a result of the distribution of waters from that reservoir would considerably benefit the Victorian and Australian economy.

The Chairman of the State Rivers and Water Supply Commission, Mr. L. R. East, when giving evidence before the Committee during this inquiry stressed the need for a complete topographical survey of the State of Victoria, lack of which, he stated, prevented the Commission from submitting evidence to the Committee at that stage in regard to the further utilization of the waters of the Loddon River.

Mornington Peninsula District—Lysterfield Reservoir.

On the 28th November, 1944, the Parliamentary Public Works Committee completed its inquiry regarding the "water supply to the urban districts served from the Lysterfield Reservoir with a view to determining—

- (1) whether the districts now served can be served with water from some other source, and, if so, how; and
- (2) whether the retention of the Lysterfield Reservoir is necessary, and, if so—
 - (a) whether alienated lands in the catchment of the reservoir should be resumed and reserved for water supply purposes to safeguard the storage against pollution and siltation, or
 - (b) whether additional measures should be taken to purify the water from the reservoir by filtration or other means."

As a very rapid development of the Mornington Peninsula District is expected after the war, the Committee considered that all possible sources of water supply will be needed to cope with the demand, and in view of the £120,000 spent on the construction of the reservoir, it recommended that the catchment should be resumed to safeguard the storage against pollution and siltation.

River Improvement Works—Control.

The Parliamentary Public Works Committee is inquiring into the question of "what action is necessary to provide for the more efficient maintenance of river improvement and drainage works—other than in irrigation districts," which was referred to it by the Governor in Council.

Evidence on behalf of the Commission recommending certain legislative action was submitted to the Committee by Mr. H. G. Strom, Divisional Engineer, and by Mr. G. T. Thompson, Executive Engineer, Rivers and Streams Branch.

The Committee during the course of its investigations inspected the Latrobe, Thomson, Macalister, Avon, Avoca, King, Mitta Mitta, and Kiewa Rivers, and took evidence from land holders and other interested persons at various country centres. The inquiry has not been completed.

STATE DEVELOPMENT COMMITTEE.

MALLEE AND MILLEWA WATER SUPPLIES.

The Chairman of the Commission, Mr. L. R. East, when giving evidence on 12th December, 1944, before the State Development Committee which is inquiring into the development of the north-western portion of the State of Victoria, with particular reference to improving the water supply and specifically the replacement of open channels by pipe lines in that area, said that the Commission had no hesitation in

saying that at the present stage of the development of Victoria, the diversion of manpower and materials to the manufacture and installation of pipe lines and pumping plants for this purpose could not be justified on any grounds whatsoever as—

- (i) The provision of a pressure supply of water from pipes instead of a gravitation supply from channels as at present would not result in increased production on the farms so supplied ;
- (ii) The total quantities of water which could be saved by the use of pipelines would be insufficient—even if used for irrigation near the headworks—to give a return in production sufficient to offset the annual cost of the pipelines ; and
- (iii) the carrying out of the works would almost certainly deprive the State for many years of other major developmental works of very much greater value to the community, which could be carried out with the same expenditure of labour and materials.

Referring specifically to the question of water supplies to the Millewa district, the Chairman referred particularly to the question of the substitution of pipe lines for channels in that area for the supply of water to the settlers. Mr. East said that although pipe lines for the Millewa country were a practical proposition their substitution for channels would not add one penny to the income of the settlers but on the contrary would deprive the district of the employment now provided by channel maintenance and firewood production.

He added that there were no prospects whatever of irrigating pasture plots on separate farm holdings either from channels or through pipe lines.

Mr. East also said that only a searching investigation and an honest facing up to facts can give any hope of a satisfactory answer to the "Millewa Problem" and enable this great area of beautiful country to become an asset instead of a liability to Australia.

Mr. East's evidence is fully set out in two reprints issued by the Commission under the titles of "Pipe Lines versus Channels" and "The Millewa Problem—What can Pipe Lines Do ?"

STATE REGIONAL BOUNDARIES COMMITTEE.

On the 12th October, 1944, the State Government appointed a State Regional Boundaries Committee to make inquiries and to submit recommendations in regard to the Regional Boundaries which might be adopted within the State of Victoria.

The personnel of the Committee included Mr. T. A. Lang, Esq., Research Engineer of the State Rivers and Water Supply Commission; the other members being Messrs. W. J. Jungwirth, Esq., Chairman, O. G. Pearson, Esq., and F. M. Corrigan, Esq.

The Committee submitted a valuable and comprehensive report defining thirteen regions in Victoria which if adopted as regions, would, it was considered, considerably facilitate the planning of the future development of the State.

The Committee's report contains a number of excellent maps covering the average annual rainfall, climate, water resources, utilization of water resources, and other important information.

RIVER MURRAY WATERS.

HUME RESERVOIR—INCREASE IN CAPACITY.

As the State Rivers and Water Supply Commission pointed out in its Annual Report for the year 1943-44, a Ministerial Conference called at the request of the Victorian Government was held in Melbourne on the 29th January, 1944, to consider the question of the enlargement of the Hume Reservoir and the utilization of the waters of the Murray River. The following resolutions were unanimously agreed upon by the Conference as recommendations to the Commonwealth and to the Governments of New South Wales, Victoria, and South Australia :—

1. That the Hume Reservoir be increased in capacity from 1,250,000 acre feet to 2,000,000 acre feet as a post-war work subject to the proviso set out in Resolution No. 4 adopted at the Conference of Ministers of 9th August, 1924 viz. :—

"That the additional water shall be used for meeting the present allocation obligations under the River Murray Agreement, and as a reserve for dry years, such reserve to be used at the discretion of the River Murray Commission".

2. That the capacity of the Lake Victoria Inlet channel be increased to approximately double its present designed capacity.
3. That the question of the utilization of the Hume waters for purposes of generation of electricity be referred to a conference of representatives of the appropriate departments of the Commonwealth, New South Wales, Victoria, and South Australia as a continuation of discussions entered into in 1930 to determine the manner of utilization of the waters as far as generation of electricity is concerned.

The Commonwealth Government later advised the State Governments concerned that it was prepared to contribute a quarter of the cost of enlarging Hume Reservoir and the Lake Victoria Inlet Channel, subject to the States agreeing to provide for certain controls either in a reconstituted River Murray Commission or in a separate Commission, such controls being :—

- (a) That the parties concerned should agree that a policy of restricting the purposes for which water may be used is vital for proper irrigation development—the kind of use to which the irrigated land is to be put being based upon proper investigation of the characteristics of the soils and the prospective economic consideration affecting the intended crops or other forms of primary production.
- (b) That private pumping plans should be under the same control in respect to the purposes for which the water is used as are applied to irrigation areas or districts.
- (c) That the States in which the water catchments from which the dam will be filled agree to the formulation of a plan for the control of the use of the land on these catchments, so that the dam will not suffer from siltation and that a better regulation of stream flow will be developed.
- (d) That part of the policy of the water supply authorities should be to educate irrigation farmers in the adoption of agricultural practices which can meet a period of restriction with the minimum of harm to the areas under cultivation.

The State Governments, however, were not prepared to accept all of the Commonwealth Government's conditions, particularly that referring to restrictions on the use of water. In order to bring about finality in this most important matter a further Ministerial Conference was held in Melbourne in May, 1945, at which it was agreed—

- that the recommendation of the 1944 Conference of Ministers be reaffirmed ;
- that the River Murray Commission, with the aid of the appropriate authorities in New South Wales and Victoria, should arrange for an immediate examination of the catchment of the Hume Reservoir and report on the matter to the four Governments. If necessary, these Governments should then confer. The River Murray Commission should report annually on the conditions in the catchment area of the Hume Reservoir ;
- that the Australian Agricultural Council should be requested to instruct its Standing Committee to arrange for such investigation into the use of the Murray lands and for such consultation on the use of these irrigated lands as may be necessary in the light of economic prospects. The Council could, if thought desirable, be assisted in this by the Irrigation Production Advisory Committee. The Annual Report of the River Murray Commission should include statistics covering the use of land under irrigation ; and
- that the State Authorities should continue to give special attention to educational work among farmers designed to promote the most efficient farming under irrigation.

The following resolutions regarding the generation of hydro-electricity were also passed :—

1. " That this Conference agrees to water from the Hume Reservoir being made available for the generation of electricity ;
2. That the water be made available to the State Electricity Authorities of New South Wales and Victoria for the generation of electricity at a charge to be agreed upon between the River Murray Commission and these authorities, and that an appropriate draft agreement be immediately prepared between the parties."

The State Rivers and Water Supply Commission is of opinion that the enlargement of the Hume Reservoir to a full capacity of 2,000,000 acre feet is a matter of urgency because of its great importance in safeguarding development of the Murray Valley, particularly in view of proposals for the settlement of soldiers in irrigation districts dependent upon the reservoir.

The Commission recommended to the State Government that an area of 60,000 acres in the Murray Valley irrigation area lying west of Cobram between the Broken Creek and the Murray River should be set aside for soldier settlement under irrigation with sufficient water rights to permit of intensive development, but that it is essential that the Hume Reservoir be completed to its full capacity for the full development of that area to be safeguarded against serious water shortages in times of drought.

COUNTRY TOWN WATER SUPPLIES.

Reference was made in the last Annual Report to the activities of the Town Water Supplies Committee, which was appointed by the Government to inquire into town water supplies in country districts with a view to providing adequate supplies of water of satisfactory quality at reasonable cost to the consumers.

Following the adoption by the Government last year of the Committee's First Progress Report, which recommended the provision of assistance towards the capital cost of works in accordance with a "formula" having general application throughout the State, the Committee continued its detailed investigations during the year under review and issued its Second and Final Report on the 28th November, 1944.

The adjustment of capital liabilities required in respect of vanished and depreciated assets was investigated in detail in the case of all local Authorities, and any further adjustment of capital required to give effect to the "formula" was also computed and the resulting figures set out in the Report. In the case of twenty Authorities the reduction in liabilities already effected in 1943 by Act No. 4983 was less than that recommended by the Committee, and further reductions were, therefore, recommended in these cases as follows:—

	£	s.	d.
In respect of principal	59,550	18	1
In respect of net loan liability	44,254	3	7

Recommendations were also made in connexion with the remaining matters referred to the Committee and other matters which it considered came within the general scope of its inquiries, as follows:—

Rating.—Recommended that a Water Authority be empowered to rate on unimproved capital values where such values have been adopted for rating purposes by the local Municipal Council.

Meters.—Recommended that the Water Acts be amended to provide that all meters shall be provided and maintained by and at the cost of the Water Authority.

Financing of Preliminary Expenses.—Recommended that, after proposals for new works or improvements to existing works have been generally approved, advances be authorized to meet the cost of the preliminary reports and of detailed plans and specifications, such advances to be limited to 4 per centum of the estimated cost of the works and to be free of interest until construction is commenced.

The Government has adopted all the recommendations of the Committee, and has introduced legislation where necessary to give effect to these recommendations.

The general basis previously recommended by the Committee for determining the financial assistance towards the cost of town water supply works is now in operation, and this has already greatly stimulated the investigation of proposals for new town supplies and improvements to existing supplies.

POST-WAR DEVELOPMENT.

COMMISSION'S WORKS.

As was indicated in the previous Annual Report of the State Rivers and Water Supply Commission, detailed information was prepared at the request of the Deputy Works Co-ordinator for Victoria in regard to the initial post-war water works programme. Further progress has also been made in regard to the preparation of a post-war programme which envisages an expenditure of something like £25,000,000 on storages, irrigation supply works, protective works in water supply districts, rural water supplies, and town water supplies. An initial programme of works to cost £6,945,550 has been approved

by the National Works Council, and in the two-year period from the commencement of this post-war programme expenditure on capital works and deferred maintenance to cost £5,000,000 has been approved. These works include the recommencement of the Rocklands Dam at Balmoral together with outlet works, the continuance of the Murray Valley irrigation scheme, the commencement of the Cairn Curran Dam on the Loddon River near Newstead, the Nambrok-Denison irrigation scheme, certain drainage works, improvements to channel systems, the reconstruction of supply channels, important urban supplies, and the purchase of modern earth moving machinery, plant and mechanical equipment at a cost of £1,000,000 for the efficient carrying out of the Commission's water conservation and distribution works.

In addition to the initial programme already approved the Commission is carrying out surveys and investigations into such major proposals as a greatly enlarged reservoir at Eildon on the Goulburn River with an estimated capacity of 2,300,000 acre feet, the duplication of the Goulburn Waranga inlet channel, a storage at Eppalock on the Campaspe with a capacity of approximately 165,000 acre feet, the enlargement of the Hume Reservoir to which reference has already been made, the remodelling of the Torrumbarry system, a possible new storage to serve the Werribee Irrigation District, a storage on the Broken River, the enlargement of the capacity of the Glenmaggie Reservoir, increases in the capacities of Pyke's Creek and Lauriston Reservoirs, and many other water conservation and distribution works of the greatest importance to the future water supply position of Victoria.

Two of the Commission's engineers, Messrs. E. D. Shaw and H. H. C. Williams, visited America during the year to investigate the latest developments in modern earth moving machinery for utilization in the construction of the Commission's waterworks.

COMMONWEALTH DEFENCE WORKS.

The Commission has completed all of the defence works upon which it was working for the Commonwealth Government. During the war period the Commission has undertaken 111 separate services for the Commonwealth Departments of the Army, Air, Information, Munitions, Supply and Shipping, Interior, the Navy, and also for the Army of the United States of America.

ADMINISTRATION.

COMMISSION'S HEAD OFFICE—ACCOMMODATION.

The development of the Commission's activities, particularly the detailed preparation of a programme of post-war works for further water conservation and distribution, has necessitated increased accommodation for its staff, and the position became so acute that the Commission was forced to approach the Government with an urgent request for additional staff accommodation. Recognizing the difficulties associated with the construction of properly equipped offices for its staff during the war period, but nevertheless faced with the necessity of obtaining more floor space, the Commission was able to obtain the offer of a lease of a building known as Centenary Hall, a six-story building situated at 100-110 Exhibition-street, together with some further accommodation in the adjacent Fine Arts building. These buildings are now being prepared by the Public Works Department for occupation by the Head Office staff of the Commission and the Survey Branch. The Commission regrets, however, that the building will not provide sufficient accommodation to enable it to concentrate all its Melbourne staff—a very important requirement from the point of view of the greatest efficiency, and additional accommodation is being sought for the Construction Branch.

The Commission hopes to occupy its new offices toward the end of the year.

STAFF.

At the outbreak of war in 1939 the Commission's staff comprised 680 officers, of whom 333 were in the professional and clerical divisions and 347 in the general division. Up to the end of June, 1945, the number of professional and clerical officers who had joined the Navy, Army, and Air Forces was 205 (63 with commissioned rank), and 43 officers had been loaned for war work to the Commonwealth and other departments and to the Army of the United States of America. Of these officers 159 are still on service and 15 are on loan.

The Commission again wishes to place on record its appreciation of the work of the members of the staff during the difficult war years.

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

Officers on Active Service—

Flight-Lieutenant H. W. Stafford, Revenue Officer, Nyah; Flying Officer S. C. Swift, Draftsman; Gunner R. J. Dickinson, Surveyor; and Private J. Watson, Water Bailiff, who died whilst a prisoner-of-war in Thailand.

Other Officers—

L. T. Keep, Hydrographic Engineer, after long illness; J. H. Stephens of Records Branch; Inspector W. Lindell, Tresco; Inspector T. A. Rose, Nyah; J. Colman, Reservoir Keeper, Lance Creek; T. W. Lumsden, Clerk, Numurkah.

After having been on loan to Commonwealth and other authorities for war work, Messrs. H. F. Byham, J. D. Wallis, H. H. C. Williams, L. A. King, C. L. Sanders, J. J. Robertson, W. D. Minson, and H. C. Sanger, returned to the service of the Commission.

Those who returned from service work with the Armed Forces were—

Army.—J. J. Cummins, E. G. Deveson, S. W. Rogerson, L. R. Schwarzman, V. T. Stevens, J. H. Byham, A. F. Tricks, G. A. Moon, J. Carter, W. J. Brodie.

Air Force.—W. A. Hickey, J. P. Conway, E. Wood.

Brigadier C. Lawrence resigned to take over the duties of Chief Administrative Officer of the Department of Post-War Reconstruction.

During the year the Rivers and Reclamation Branch was divided into two divisions to be known as Rivers and Streams, Water Distribution and Hydrographic Section under Mr. H. G. Strom, who was appointed Divisional Engineer, and the Reclamation Section under Divisional Engineer E. J. Lupson.

Owing to the expansion of the activities of the Gippsland and Goulburn Division, it was subdivided into two divisions, namely, the Goulburn Division which includes the Goulburn and the Murray Valley irrigation areas under the control of Divisional Engineer, E. P. Kendall, and the Gippsland and Southern Division embracing Bacchus Marsh, Werribee, Maffra-Sale, and Nambrok-Denison areas under Mr. I. B. Hughes, who was appointed to control this division. Mr. C. R. Thompson, District Engineer, Tatura, was transferred to the position of Designing Engineer in the Investigations and Designs Branch.

Among the 48 officers who were promoted during the year were—Mr. I. B. Hughes, C.E., to Divisional Engineer, Gippsland and Southern Division; Mr. H. H. C. Williams, B.M.E., A.M.Inst.C.E., M.I.E. Aust., to Senior Executive Engineer, Murray and Major works Division; Mr. J. J. Cummins, B.C.E., promoted and transferred as District Engineer, Rodney District; Mr. H. S. Mitchell, C.E., promoted to Assistant Divisional Engineer, Urban Supplies Division; Mr. G. F. Pedlow, promoted to Clerk, Class I., Administrative (Staff Officer); Mr. E. Brown, promoted to Clerk Class II. (Assistant Secretary).

For the purposes of comparison a statement showing the number of officers on the Commission's staff in the years 1926, 1939, and 1945 is set out.

	1926.			1939.			1945.		
	Permanent.	Temporary.	Total.	Permanent.	Temporary.	Total.	Permanent.	Temporary	Total.
Professional Officers ..	148	10	158	126	50	176	165	105	270
Clerical Officers ..	113	8	121	99	58	157	126	76	202
General	240	51	291	136	211	347	220	279	499
Totals ..	501	69	570	361	319	680	511	460	971
Percentage employed on Temporary Basis ..	12 per cent.			47 per cent.			47 per cent.		

Since last year there has been an increase of 28 in the staff of the Commission, chiefly professional officers, but the Commission has not yet obtained sufficient professional staff to enable it to investigate and plan further water conservation and distribution works as quickly as is desirable, in order to be ready to proceed with the post-war water supply programme immediately conditions permit. However, every effort is being made to prepare detailed plans of works which have already been approved by the National Works Council.

Increased clerical staff will also be necessary both in the head office and in the country to handle the ever increasing business of the Commission.

The Commission feels that it must draw attention to the difficulties that a public utility must experience when it has to obtain and organize its staff under a Public Service system which involves much loss of time in appointments, much uncertainty in promotions, and therefore delay in starting construction jobs, and inevitable loss of particularly able young men whose salaries cannot be increased outside the rigid classification of the Public Service.

As a State instrumentality with works of great magnitude to construct and control, and one which is also called upon to distribute water over one quarter of the State, the Commission believes that it should have restored to it the direct control of the engagement and promotion of its staff, which it had from 1906 to the proclamation of the Transfer of Officers Act in 1939. This included the period of greatest activity in water supply development in Victoria. The Commission is of the opinion that if its post-war construction programme has to be carried out under Public Service conditions in regard to staff control, the completion of major works will be long delayed and the cost will consequently be increased by many hundreds of thousands of pounds.

The officers of the Commission are required to obtain specialized experience in the conservation and distribution of water which knowledge cannot be gained in any other State Department.

The operation of the Public Service system of staff control is not flexible and speedy enough to permit the Commission to manage its affairs in the most efficient manner, and it has been found from experience that many highly qualified men were lost to the service of the Commission because they felt that the system of promotion under the Public Service system was too slow, limited, and uncertain. The Commission is of opinion that, having been given the very important responsibility of water conservation and distribution throughout rural Victoria and, therefore, being the only State authority with the requisite knowledge of the problems associated with this intricate business, it alone is in a position to judge its staff requirements and the various staff movements that become necessary from time to time to enable its operations to be conducted in the best interests of the community.

HOUSING.

The Commission's housing branch supervises the maintenance of 260 staff houses and 26 district offices in addition to arranging with the Public Works Department for the erection of new buildings required for the Commission's country staff. New residences were erected at Garfield, Pyramid Hill, Red Cliffs, Geelong, Malmsbury, Tongala, and Wyuna and a commencement was made with the erection of houses at Kerang, Numurkah, and Cobram. These houses are being erected by day labour under the direct supervision of the Housing Branch by arrangement with the Public Works Department.

IRRIGATION DEVELOPMENT.

1944-45 SEASON.

The winter of 1944 commenced with the Commission's reservoirs already depleted after the heavy calls made on them because of the dry summer and autumn of 1943-44, and the fact that the usual winter rains did not fall over the catchment area in 1943. This made the year just passed one of some difficulty in regard to irrigation supplies in Victoria. It became necessary because of these circumstances to impose certain supply restrictions in a number of the irrigation areas, but by careful control of water supplies and increased use of Murray waters, the Commission was able to irrigate 665,210 acres as compared with the previous record year of 665,244 acres. This figure compares most favourably with the areas irrigated in previous dry seasons and is in fact the second highest in the history of the State. Whilst there was a decrease in the areas irrigated in the Goulburn and Werribee systems due to the necessity for the imposition of restrictions in supplies of water for irrigation purposes, there was a 100 per cent.

increase in the area irrigated in the Murray Valley District despite the difficulties with which the Commission was faced in obtaining sufficient chaff for teams for the excavation of channels and the shortage of labour for structural work associated with water distribution. There was an increase also in the areas irrigated in the Maffra-Sale District and in the Torrumbarry system.

Whilst in most previous droughts a break in the weather occurred early in the autumn, during the season just passed the drought continued into the winter and a definite break did not occur until the middle of June, which was even later than in 1915 and was similar to that which occurred in 1898. The late arrival of rain resulted in the quantity of water in the storages at 30th June, 1945, being probably the lowest on record in comparison with the amount of storage available. It is hoped, however, that the breaking of the drought which has now occurred will enable the Commission to fill its storages sufficiently to commence irrigation in the various districts under its control at the appropriate dates. The value of the irrigation systems of the State was made evident by the fact that in spite of the drought and the very great demand by the armed services of the Commonwealth for food, Victoria was able to meet the food requirements of its population with little if any difficulty.

The exact value of the irrigation systems so far as production is concerned is most difficult to determine, as sheep and cattle are constantly being brought in and taken out of the irrigation areas by road. In the 1938-39 Annual Report it was shown how irrigation had reduced the rate of stock mortality in that year of drought much below what had occurred in the 1914-15 drought. On the 31st March, 1945, in Victoria the percentage loss of stock for the year was 9 per cent. for sheep, 5 per cent. for cattle, and 15 per cent. for horses as against 12 per cent., 14 per cent., and 16 per cent. in 1914-15.

PRODUCTION.

The Commission has endeavoured to determine the actual value of production from the irrigation areas of the State and to compare it with the State's total primary production. From figures supplied by the Government Statist and the Department of Agriculture and obtained from district returns of areas irrigated, the following tables were determined as the values of production at the principal markets in the irrigation areas of the State during the year 1944-45:—

Type of Production.	Northern Irrigation Areas.	Southern Irrigation Areas.	Total.
	£	£	£
Vegetables (including tomatoes and sugar beet)	566,100	506,900	1,073,000
Dairy products (milk and butter-fat)	2,096,500	616,500	2,713,000
Beef Cattle	55,000	15,000	70,000
Pigs	221,000	11,000	232,000
Poultry	357,800	179,200	537,000
Sheep—wool, fat sheep and lambs	1,715,000	156,000	1,871,000
Grapes—dried, wine, and dessert	2,700,000	..	2,700,000
Soft fruits for processing and dessert	860,000	20,000	880,000
Citrus—manufacture and dessert	700,000	..	700,000
Cereals, hay, grass seed, flax	491,800	83,200	575,000
Total	9,763,200	1,587,800	11,351,000

From a production point of view the year 1943-44 was probably a record in view of the heavy crop of dried vine fruits and the large area of vegetables and the higher prices for products as compared with pre-war years. Most of the produce of the irrigation areas is treated by some process of manufacture before it is ready for distribution and sale and thus provides further work and a still greater national income. The value added in these processes is estimated at £2,000,000 and in addition production from other areas is also used, such as sugar from Queensland, coal from New South Wales, and timber from other parts of Victoria.

During the year just passed, owing to dust and arid conditions during the summer, there was a fall in the total quantity of production from irrigation areas. This drop in production was also accentuated by fluctuations in yields from vines and trees due to alternative bearing habits. Although ample water was supplied for the growing of vine fruits, the drying effects of the winds were greater than the absorptive

capacity of the plants and consequently vine growths stopped and fruit withered and dropped off before maturity. In the case of fruit trees, frosts which are usually a feature of dry years occurred during the blossoming period and accentuated the reduction in the crop. This was particularly the case with apricots in which the yield was about one-third below average. In the Bendigo District owing to the depletion of the storages it became necessary for the Commission to restrict the amount of water available for irrigation which particularly affected the growing of tomatoes. However, the increased areas of tomatoes planted in other irrigation districts kept the production of tomatoes up to the 1943-44 level when over 5,000 acres were planted, yielding approximately two and a half million cases.

During the winter fresh milk was sent to Melbourne from a number of northern irrigation districts where the production of milk and the deliveries to factories were little different to the previous year. On the other hand at Werribee and Bacchus Marsh owing to restricted supplies of water—only 5,219 acre feet being delivered as compared with 15,679 acre feet the previous year—milk production was reduced and some of the dairy herds were dispersed. In these districts, however, the production of vegetables was maintained to some extent by the use of underground waters pumped from bores and wells.

COMPETITIONS.

The Hanslow Cup Competition for the "Best Effort to Control Soil Drift on a Mallee Farm," the inauguration of which was noted in the 1940-41 report, was again conducted during the year. The continued generosity of a number of Authorities and Firms again enabled cash prizes to be given for sectional competitions.

In conjunction with the Local Agricultural Societies, competitions for "The Farm with the most Efficient Use and Control of Water and Best Areas of Lucerne or Pasture and of Summer Fodder" were conducted in the Tragowel Plains, Maffra, and Murray Valley Districts.

It is hoped that at the conclusion of hostilities, the practice of holding Field Days for the inspection of the winning farms in these competitions will be resumed.

In competitions organized by other Authorities, entrants from irrigation areas were particularly successful. Mr. P. Maloney's herd of Tongala being placed first and that of Mr. H. Jackson of Lockington (Rochester District) second.

In competitions organized by the Victorian Butter and Cheese Factories Association, the shield for general excellence in butter throughout the year was won by the Maffra Co-operative Milk Products Factory, which also won "The Surprise" competition for a box of butter taken from store. The Kyabram Co-operative Butter Factory won the North-Eastern District prizes in two sections of these competitions.

SOIL SURVEYS AND INVESTIGATIONS.

The Soil Survey of the lands in the proposed Nambrook-Denison irrigation area, mentioned in last year's report, was commenced by the Department of Agriculture during the year and it is hoped that the field work will be completed in the coming year.

Aerial photographs of those portions of the Murray Valley area not yet surveyed have been completed, and it is hoped that the field work of the soil survey in that area will be commenced early next year.

During the year the Commission has continued to make available at specially reduced charges water for the reclamation of salt affected lands in the Kerang, Cohuna, and Tragowel Plains Irrigation Districts. The Commission has continued to co-operate with various bodies carrying out research work in irrigation districts and is represented on the Nyah-Woorinen Research Committee and the Advisory Committee of the Research Stations at Merbein and Tatura. Water was again made available without charge for experimental and developmental plots at the following schools:—

Horfield, McMillan's, Mead, Koroop, Gannawarra North, Orrvale, Grahamvale, Shepparton East, Katandra, Cooma South, Byrneside, Tatura, Toolamba West, Mooropna North, Kerang East, Nanneella Estate, Bamawm North, Bamawm Extension, Nanneella South, Echuca West.

UNDERGROUND WATER RESOURCES.

Preliminary investigations were also made during the year into the use of underground waters in Western Victoria with a view to their use for irrigation. An experimental bore is being sunk at Dimboola, and it is also proposed to carry out investigations in conjunction with the Education Department at Murrayville.

The Commission is also putting in hand a comprehensive survey of the whole of the underground water resources of the State. The first stage in this investigation is the compilation of systematic reports including the results of all previous investigations and observations in regard to underground water resources, some of which were undertaken as long ago as 1890.

The Commission, the Mines Department, and other Authorities have records dealing with observations made on many hundreds of sites and these are being collected and examined with a view to determining the extent of further investigations desirable, so that consideration can be given as to the utilization of underground water resources to the best advantage. The work is one of considerable magnitude and it will be some time before a preliminary report is ready for publication.

DISTRICT ADVISORY BOARDS.

These Boards again functioned successfully in all irrigation districts, and in order to assist in the equitable distribution of available water supplies, which in some cases were restricted because of drought conditions, the Boards met more frequently during the year and the Commission much appreciates the assistance given by the members of these Boards in the problems of water distribution in the various districts in which Boards are constituted.

LAND CLASSIFICATION IN IRRIGATION DISTRICTS.

During the year applications under Section 10, *Water Act* 1937, No. 4513, for variations in water rights in the Murray Valley District were heard by the Appeal Board created for this purpose.

LAND FOR SOLDIER SETTLEMENT IN IRRIGATION DISTRICTS.

A Joint Committee composed of representatives of the Lands Department and the State Rivers and Water Supply Commission was appointed during the year to report on proposals for the acquisition of land for soldier settlement in various irrigation areas. A number of recommendations have been made and as has been previously stated, an area of 60,000 acres in the Murray Valley irrigation district has been submitted as a suitable area for soldier settlement. Investigations into other areas for soldier settlement are proceeding.

The Commission, as stated in its last Annual Report, is of opinion that land intended for the settlement of soldiers under irrigation conditions should be acquired in compact areas to permit of its subdivision into the most economical, efficient, and serviceable irrigation blocks.

DISTRICT EXTENSIONS AND EXCISIONS.

Murray Valley Irrigation District was extended to include an area of 8,000 acres commanded by irrigation channels recently constructed.

An area of 77 acres not supplied from the Commission's works was excised from the Kerang Irrigation District.

Wimmera United, Normanville, Long Lake, and Western Wimmera Waterworks Districts were extended to include areas of 37,650 acres, 20,210 acres, 1,750 acres, and 1,700 acres, respectively of lands supplied from the Commission's works.

An area of 75 acres was excised from the Millewa Waterworks District and added to the Yelta Waterworks District from which it is supplied.

An area of 14 acres, benefited by drainage works, was added to the Nyah Drainage District, and an area of 22 acres was excised from the Shepparton Drainage District.

Small areas of rural lands were excised from the Lalbert and Manangatang Urban Districts, and an area of 13 acres, served by the reticulation system of Manangatang Urban District, was included in that District.

PROPOSED DISTRICT.

It is proposed to constitute Wychitella Waterworks District to embrace an area of 177,200 acres which will be supplied with water for domestic and stock purposes from an extension of the Commission's channel system.

PART III.

WORKS CARRIED ON OR COMPLETED DURING THE YEAR.

WATER SUPPLY.

In Victoria the total area of land supplied with water for domestic and stock purposes or for irrigation during the year amounted to 15,166,950 acres.

For the period under review the rainfall over most of the State was considerably below the average of 24·27 inches and in some parts of the State the drought conditions which prevailed were unparalleled in any previous period.

On the 1st July, 1944, the Commission's storages with a total capacity of 1,888,020 acre feet contained 1,073,170 acre feet and at the termination of irrigation about 18th May, 1945, the total volume stored had been reduced to 300,715 acre feet and at the 30th June, 1945, had increased to only 334,565 acre feet.

As a result of the low state of the storages supplying the Goulburn system it became necessary to place certain restrictions on water distribution in the areas served.

The Commission decided to make available in that System one-fifth of the allotted water right in each watering period of 30 days in the early part of the season, but with careful regulation and with the co-operation of water users, the Commission found it possible to deliver in addition to requirements under allotted water rights and to normal supplies for domestic and stock purposes, a further quantity of water on a "sales" basis to the extent of 17 per cent. of allotted water rights.

This quantity of sales amounted to 46,015 acre feet. As a result of the continued dry conditions and the resultant heavy demand for water the Goulburn storages were reduced to a record low level. The volume of water released from the Waranga Reservoir last season amounted to 571,443 acre feet, of which 232,240 acre feet were delivered to irrigators and 20,566 acre feet were passed on to the Wimmera Mallee Waterworks Districts at the Loddon Weir. This meant that 44·2 per cent. of the water released from the Waranga Reservoir was delivered on the land. Water deliveries from the Goulburn Weir and the Goulburn Eastern Channel for the eastern portions of the system amounted to 243,604 acre feet of which 99,622 acre feet or 41 per cent. were delivered to the land, thus of the total quantities of water drawn from the headworks of the Goulburn System, namely 815,047 acre feet, a quantity of 352,428 acre feet or 43·2 per cent. was delivered to the land.

Notwithstanding the excessive drought conditions it was not found necessary to impose restrictions on water supplies for irrigation in districts supplied from the Murray River. 256,505 acre feet were delivered to lands served by the Torrumbarry System which was 31,707 acre feet greater than the previous highest record in the year 1940-41. 98·5 per cent. of allotted water rights were supplied in the Torrumbarry area together with domestic and stock supplies and also water sales to the extent of 62·4 per cent. of allotted water rights. The irrigation districts of Red Cliffs, Merbein and Nyah which are served by pumping direct from the River Murray, received 55,155 acre feet, while 29,985 acre feet were pumped to the high level Waterworks Districts of Millewa, Coreena, Carwarp, and Yelta for domestic and stock purposes.

The Wimmera-Mallee areas received some 23,304 acre feet from the Loddon and Goulburn Systems. In addition 80,087 acre feet were supplied to the Wimmera-Mallee from the storages in and adjacent to the Grampians. Of this 9,250 acre feet were delivered to the areas around Horsham which are being developed under irrigation.

The total deliveries of water for all purposes were 731,670 acre feet, of which 64,350 acre feet were pumped. This exceeds by 13,281 acre feet the previous highest delivery in the year 1943-44.

Returns of water delivered to the various irrigation districts and of water released from the headworks for the supply of water for domestic and stock purposes to the Wimmera-Mallee and other Waterworks Districts, are included in Appendices of this Report.

IRRIGATION SUPPLIES.

GOULBURN DIVISION.

The Goulburn Division comprises an area of 1,150,000 acres of alluvial lands which form portion of the flood plains of the Murray, Goulburn, and Campaspe Rivers, and extends from Yarrawonga on the east to the Mount Hope Creek in the west.

GOULBURN DISTRICTS.

The Shepparton, North Shepparton, South Shepparton, Katandra, Rodney, Tongala-Stanhope and Rochester Irrigation and Water Supply Districts form part of the Goulburn Irrigation System. Total area of lands within these districts is 884,714 acres and water rights of 241,334 acre feet have been apportioned to lands classified as commanded and suitable for irrigation.

MURRAY VALLEY DISTRICT.

Of an ultimate area of approximately 270,000 acres which will be included in the Murray Valley Irrigation District, which was constituted in 1939, an area of 103,238 acres had been reticulated for the 1944-45 season, and water rights totalling 22,291 acre feet have been apportioned to these lands.

Deliveries of water to irrigators, totalled 28,947 acre feet for irrigation and 1,044 acre feet for domestic and stock supply purposes.

Labour available for distributary works has been very limited, but during the year channel reticulation in the Murray Valley District has been extended to serve an additional 9,324 acres in the parishes of Yarroweyah and Strathmerton, and it is proposed to apportion water rights totalling 1,652 acre feet to these lands for the coming 1945-46 season.

Additional works have been carried out for control of leakage from channels through porous soil strata. A total length of 3,413 feet of trenching has been excavated in the banks of the No. 2 main channel, a cut-off wall of corrugated fibro-cement sheeting placed and trenches backfilled and rammed. In addition individual leaks have been dug out by hand and backfilled.

Experimental work in ploughing the full cross section of the channel and thoroughly rolling with a sheepsfoot roller to form a compacted impervious channel lining has been carried out on selected sections of the No. 1 and No. 2 Main Channels.

DRAINAGE DISTRICTS.

Owing to war conditions the only major drainage work carried out during the year was the construction of a further section of the Marionvale Drain, which is one of the major outfall drains in Shepparton Drainage District.

In Rodney Drainage District installation of concrete drainage inlets to prevent scouring of banks at points of entry of run-off water to drains, was carried on.

In Tongala-Stanhope Drainage District works for control of erosion on the Deakin Main Outfall Drain were completed by stone beaching the sides of the drain below the Goulburn-road bridge at Echuca West.

MAIN CHANNELS.

The Goulburn-Waranga Main Channel has been maintained in a safe condition during the past year.

On the East Goulburn Main Channel a reinforced concrete inner lining, 7 inches thick was constructed in the western tube of the syphon under Honeysuckle Creek.

WORKS CARRIED OUT ON BEHALF OF IRRIGATORS.

Throughout the various districts within the Goulburn Division certain works were undertaken by the Commission at the request of landowners, and at their expense, to improve efficiency in the irrigation and working of their properties. These included construction of 15 meter outlets, 5 occupation culverts, 1 check, and 1 drainage subway.

DROUGHT RELIEF WORKS.

(a) Murray Valley.

Drought conditions during the spring of 1944 in the dry area immediately west of the lands already reticulated and served with water in the Murray Valley District were so acute that emergency measures were taken to make supplies of water available where possible, by the construction of temporary works. Partly completed Commission's works were used, temporary channels were constructed by landowners, and temporary road and occupation crossings installed with the help of the landowners. These emergency works resulted in supplies of water being delivered to 2,054 acres of cereal crops which would otherwise have entirely failed.

In order to assist in relieving the acute fodder shortage throughout the State approximately 900 acres of land in the Murray Valley District was partly graded, channelled, and sown to Sudan grass and millet crops by the Commission.

Due to labour shortage the work could not be carried out as expeditiously as would have been desirable, but the project resulted in the harvesting of 580 tons of chaff and baled hay which was disposed of through the Department of Agriculture to farmers in the drought stricken areas of the western portion of the State.

(b) Millewa District.

In order to relieve drought conditions in the Millewa area of the North-west Mallee, the Commission instituted a scheme for the production of summer fodder crops at Lake Cullulleraine. An area of approximately 460 acres was prepared and sown to Sudan grass and millet.

Work was carried out by district farmers under day labour conditions. Four hundred tons of cured hay was harvested and disposed of to farmers to enable stock to be carried through the summer.

LODDON AND TORRUMBARRY DISTRICTS.

Because of the depleted storages and the prevailing dry conditions the supply of water to districts in the Goulburn System administered from the Pyramid and Boort Centres, was subject to close regulation throughout the season. As a result the Commission was able to meet all water right requirements and deliver additional amounts of water equivalent to 15 per cent. of the water rights to holders of water rights in the Loddon and Torrumbarry Districts.

The quantities of water delivered in the Torrumbarry System constituted an all-time record and in addition to the delivery of water rights and sales, the Commission was able to make available to farmers from drought stricken areas outside the irrigation districts, water for the growing of summer fodder on land which normally would be producing a poor type of natural pasture. The area thus sown amounted to several thousand acres, mainly in the Kerang District.

The increased quantities of water delivered in the Torrumbarry System could be attributed in no small measure to the improvements in that system carried out during the year. The work of the enlargement of the contour channel around the northern end of Kow Swamp was further continued and good progress was made.

The enlargement of the northern main channel in Koondrook and the main channel supplying the Swan Hill District was continued by means of a drag-line excavator, and excavators were also in operation in other parts of the Tragowel Plains, Boort and Cohuna Districts where many miles of channels have been reconditioned. Considerable expenditure was involved in removing drift sand from channels in the Kerang, Mystic Park, Third Lake, and Fish Point Districts. Investigations are proceeding into the best method of achieving greater efficiency in water distribution in the Torrumbarry System.

NORMANVILLE DISTRICT.

The Barraport channel extension to serve additional lands in that district was completed and a supply of water given to the holdings served. This area has been included in the Normanville District.

The distribution of water for domestic and stock purposes in the Normanville Waterworks District was somewhat hampered by abnormal sand drift.

RED CLIFFS AND MERBEIN DISTRICTS.

Owing to the extremely dry conditions a special citrus irrigation was provided prior to the first general irrigation which commenced early in August. A special frost irrigation was given late in September, but some losses were sustained from frosts which occurred about that time.

This, together with shortage of labour and fertilizers had a marked effect on the production of dried fruit which amounted to 24,893 tons, the previous two years' tonnage being 33,543 and 31,895 tons respectively.

The record production of these two districts amounted to 34,000 tons in 1939-40.

In the Yatpool area which is adjacent to the Red Cliffs irrigation district, 75 acres of lucerne, and 108 acres of vegetables and vegetable seeds were irrigated.

Normal maintenance of the 179 miles of main and distributary irrigation channels and the 140 miles of pipe lines comprising the sub-surface drainage systems was effected during the year—36 chains of channel seepages were drained and short extensions of the pipe drainage systems were constructed.

The volumes of water pumped for irrigation reached almost record figures amounting to :—

Red Cliffs 45,777 acre feet, previous year 43,999 acre feet.

Merbein 35,043 acre feet, previous year 32,521 acre feet.

The average is steadily increasing and for eighteen years is 36,017 acre feet and 28,723 acre feet respectively.

Particulars of the six irrigations given during 1944-45 are :—

Irrigation Number.	Period.	Acre Feet Pumped.	Average Depth per Watering Inches.
<i>Red Cliffs Irrigation District.</i>			
1	9th August, 1944—8th September, 1944	8,539	9.0
2	18th October, 1944—20th November, 1944	8,824	9.2
3	4th December, 1944—5th January, 1945	9,258	9.8
4	8th January, 1945—8th February, 1945	8,559	8.8
5	19th March, 1945—21st April, 1945	8,762	9.7
6	30th April, 1945—11th May, 1945	1,835	5.2
Total, Season 1944-45		45,777	8.6 Average
<i>Merbein Irrigation District.</i>			
1	14th August, 1944-9th September, 1944	5,972	9.1
2	23rd October, 1944—21st November, 1944	6,546	10.2
3	11th December, 1944—6th January, 1945	6,560	9.9
4	11th January, 1945—6th February, 1945	6,330	8.6
5	14th March, 1945—14th April, 1945	6,614	10.3
6	1st May, 1945—13th May, 1945	2,021	5.4
Total, Season 1944-45		34,043	8.9 Average

NYAH DISTRICT.

Severe dust storms during the flowering and setting period affected the vines and resulted in a marked drop in production of dried vine fruits. The tonnage for the season being 2,158 tons compared with 3,352 and 2,876 tons in the previous two years.

Six waterings for irrigation were given necessitating the pumping of 10,316 acre feet and in addition 215 acre feet were pumped for special citrus and domestic and stock purposes. 9,648 acre feet were pumped in previous year excluding special waterings. The average depth of water pumped per acre irrigated was 6.9 inches compared with 6.7 inches in 1943-44 season.

Particulars of irrigations given for 1944-45 are :—

Watering.	Period.	Total Quantity of Water Pumped.	Area Irrigated.	Depth of Water Pumped per Acre Irrigated.
		<i>Acre Feet.</i>	<i>Acres.</i>	<i>Inches.</i>
First	16th August, 1944—6th September, 1944 ..	1,809	3,005	7·2
Second	19th October, 1944—10th November, 1944 ..	2,015	3,056	8·0
Third	29th November, 1944—19th December, 1944 ..	1,812	3,066	7·1
Fourth	28th December, 1944—15th January, 1945 ..	1,548	2,962	6·3
Fifth	27th January, 1945—13th February, 1945 ..	1,565	2,940	6·4
Sixth	29th March, 1945—16th April, 1945 ..	1,567	2,872	6·5
	Totals, Season 1944-45	10,316	17,901	6·9 Average

The construction of the sub-surface drainage systems for this district has been retarded by lack of materials and labour due to war conditions.

Sixty-one chains of pipe drain were completed during the year, bringing the total laid to 5 miles 47 chains, providing drainage outfalls to approximately one-third of the area.

It is hoped, however, that in the coming year the progress of this work will be accelerated as it is being given the highest priority by the Commission.

BACCHUS MARSH AND WERRIBEE DISTRICTS.

The normal supply of water for domestic and stock purposes was provided for the Werribee and Bacchus Marsh Districts, but owing to the continuance of the drought, water for irrigation had to be rationed.

Werribee.

Storage at Melton reached only 4,560 acre feet against a capacity of 19,100 acre feet and as a result less than four inches of water per acre could be made available for irrigation purposes at Werribee.

Some 98 bores were drilled by landholders for use in the Werribee District, 71 of these being utilized for irrigation purposes and 27 to obtain water for domestic and stock use. The average depth was 40 feet. Most of the water obtained would not normally have been regarded suitable for irrigation, but much of it was used, the bores providing water for pastures and market gardens when no further supplies from storage were available.

The Commission put down four bores of 6 inches diameter, but the quantities of water obtainable from them were insufficient to warrant pumping into the channel systems.

Bacchus Marsh.

Irrigation supplies for the Bacchus Marsh District were heavily restricted owing to the abnormally dry weather conditions prevailing throughout the whole year. After the preceding dry year when supplies amounted to 17 inches of water on land having water rights, the inflow into Pyke's Creek Reservoir between 30th April, 1944, and the 30th June, 1945, permitted a supply of only 5 inches of water on land with water rights during the year under review. This quota was exhausted by irrigators for general irrigation on the 21st December, 1944, after which date, the volume of water remaining in Pyke's Creek Reservoir was reserved for the requirements of the Bacchus Marsh Urban Division to which a restricted supply was maintained throughout the summer months and extended to the 30th June, 1945.

Boring for underground water was carried out by some individual irrigators in order to supplement their restricted supply under water right but moderate success was achieved in only three instances, the highest continuous discharge obtained by pumping being some 8,000 gallons per hour. The water obtained from the three bores was used for market garden purposes.

Soil drift along sections of the High Level Channel was particularly troublesome during the summer months and necessitated continuous attention by the bailiffs and maintenance men to maintain the Urban Supply.

MAFFRA-SALE DISTRICT.

Although the rainfall for the year was only 15·01 inches as against an average of 23·57 inches, the past year was one of the most successful experienced by the Commission since the advent of irrigation. Water deliveries reached the record total of 36,450 acre feet a figure 62 per cent. above allotted water rights of 22,400 acre feet. The Tinamba Northern No. 1/1 Channel was constructed and surveys of proposed extensions of irrigation to the Nambrok-Denison and Tinamba areas were continued. Contour plans of Tinamba West and the parish of Winindoo were completed and the main channel to the syphon under the Thomson River was located.

A soil survey of these areas was commenced during the year, that of the Tinamba West Section now being complete. Surveys have also been made of the Maffra Loop Channel and of various supply and drainage extensions within the district.

It having become necessary to determine the quantity of water needed for the full development of the Maffra-Sale District in view of the many requests for extensions, district irrigators have been asked to indicate their requirements and lands are being classified as to suitability.

TOWN SUPPLIES.

COLIBAN SYSTEM.

The rainfall in 1944 was only about 50 per cent. of the average annual rainfall in the Coliban catchment, and was preceded by a year in which the demand on the system was one of the heaviest experienced. The Coliban main storages comprising the Upper Coliban, Lauriston, Malmsbury, and Spring Gully Reservoirs, with a total capacity of 54,100 acre feet contained only 20,000 acre feet at the end of June, 1944, and, owing to the failure of the spring rains in that year the storages showed very little improvement by the end of October, when the amount of storage at that date was only 21,170 acre feet.

In order to safeguard the domestic and industrial requirements of the city of Bendigo and other towns dependent upon the Coliban System during an exceptionally dry period, such as was experienced last year, it is necessary that the full capacity of Lauriston Reservoir be reserved for town supply purposes only.

In view of the low state of the storages in October last, in which month the demand for irrigation supplies normally commences, and the necessity for reserving sufficient water to supply essential urban requirements, it was necessary to restrict water used for irrigation purposes on registered areas to approximately one-third of normal requirements. Of a total area of 10,966 acres of land registered only 5,490 acres were under irrigation during the season.

At the end of June, 1945, the amount of storage had been reduced to 7,900 acre feet, a reserve supply much below that required for the towns for one year. The total capacity of the storages is 56,100 acre feet and, unless generous rains fall shortly to replenish the reservoirs, the prospect of irrigation supplies being made available next season on an unrestricted basis is not encouraging.

To meet the increasing demand for water resulting from the greater activity displayed in the establishment of new industries and buildings, extensions of water mains amounting to 89 chains have been carried out in Bendigo, and applications for further extensions of a total of nearly 7 miles have been received. Six hundred and thirty additional meters were installed in the District during the year, making a total now in operation of 4,830 or 42 per cent. of the total water services. This work is being continued.

To provide service for a larger number of persons who were without facilities for obtaining water for domestic and stock purposes outside the boundaries of reticulation systems five stand pipes were provided at convenient points. These stand pipes proved of real service to persons who were without water and were unable to obtain supplies from the channels.

The Commission wishes to stress the necessity for farmers served by the Commission's channel systems to construct or enlarge dams on their holdings in order that they may store for domestic and stock purposes sufficient water to carry them over a full year once the dams have been filled.

To replace the old steam pumping plant at Harcourt Reservoir a direct-coupled electric motor and pump have been installed and the new unit has been operating satisfactorily for the past three months.

NEWSTEAD DISTRICT.

The water requirements of this District were fully met until the beginning of May, when the local storages, which are filled from the Jim Crow Creek had decreased to 4 acre feet of water. In order to avoid the supply failing completely restrictions were then imposed on the use of the water for the town for all purposes. Good rains fell, almost immediately afterwards, quickly replenishing the reservoirs, and conditions were again restored to normal.

OTWAY WATERWORKS DISTRICT.

A total rainfall of 61 inches fell at Arkin's Creek, Wyelangta, 24 inches less than the previous year, but ample supplies of water were available to meet requirements throughout the Otway System. Concrete training walls and scour gates were built into each of the three Arkin's Creek weirs to trap and dispose of silt and timber hoods were constructed over each of the pipe outlets to catch floating debris. These have been in operation during the present winter and have proved very successful. This work was found necessary as the screens at the inlets to the main pipe line at the three weirs were frequently blocked with debris and silt during freshets in the creek.

The quality of the water supplied to Terang and Allansford and the City of Warrnambool has now improved to such an extent that the lime treatment previously necessary to remove the manganese deposit which was originally collected in Tank Hill and Mt. Ewan Reservoirs, has now been discontinued.

The supply of water to the City of Warrnambool for the year was 263,572,000 gallons, an increase of 21,772,000 gallons over the previous year.

In response to a request from eighteen landowners at Tandarook the reticulation of Cobden township was extended for a distance of 226 chains and supply was also given to the Tandarook cheese factory.

BELLARINE PENINSULA DISTRICT.

The extensive damage caused to fencing on the Wurdee Boluc Reservoir and outlet channel reserves last year by bush fires has now been repaired.

Owing to the extremely dry season the demand for water from the Bellarine System for the requirements of the City of Geelong increased considerably.

A total of 1,079,540,000 gallons (3,965.26 acre feet) was supplied during the period 1st July, 1944, to 30th June, 1945, an increase of 332,176,000 gallons over the previous year.

The demand for water supplied to the City of Geelong has increased to such a considerable extent that the Geelong Waterworks and Sewerage Trust has decided to lay a new 24-inch diameter steel cement lined main into the city from the Belmont area.

This work will further increase the quantity of water required by the Trust from the Bellarine System and in order to meet this new demand it is necessary to increase the capacity of the Wurdee Boluc Outlet Channel which is at present restricted to 7 cusecs by the existing 24-inch diameter pipe culverts. The work of replacing some of these culverts with new 5 feet x 4 feet concrete culverts to increase the capacity to 14 cusecs has been commenced.

When the whole of the existing pipe culverts are finally replaced with concrete culverts the ultimate capacity of the channel, will be 28 cusecs. It is anticipated, however, that it will not be necessary to carry out all this portion of the work for some time to come.

The existing pipe line from the Bellarine Basin to the Queenscliff Service Basins is an old 9-inch diameter steel spiral pipe cement lined.

This main, which is now too small to meet the increasing demands of Queenscliff and Point Lonsdale has seriously deteriorated and its replacement at an early date is essential.

A contract for the supply and laying of a 12-inch diameter concrete main has now been let and the Commission expects to proceed with this work early in the coming year.

MORNINGTON PENINSULA.

As mentioned previously the Parliamentary Public Works Committee, after an exhaustive enquiry has recommended, and the Government has agreed, that the catchment area of the Lysterfield Reservoir, comprising 3,000 acres of which 2,000 acres are occupied for grazing and cultivation, be resumed. Appropriate action to give effect to this decision is now being taken.

The chlorination plant installed at the Hallam Settling Basins for treatment of water from the Lysterfield Reservoir is working satisfactorily.

During the year the bed of the Bittern Reservoir was stripped of all peaty soil and vegetable growth and opportunity was also taken to cut off portion of the shallow water of the reservoir by means of an embankment built up from the soil excavated during the cleaning operations.

As a result of this work the water now stored in the reservoir is of good quality and will be available for use in the Dromana-Portsea System during the coming summer.

To increase the capacity of the Bunyip main race a vertical wall of reinforced concrete some 93 chains in length was constructed at certain low sections in the race between the Toomuc Creek and the Beaconsfield Reservoir.

This work was completed in time to make a full flow of 10 cusecs available to the district during last summer. The wall is sufficiently high to permit of an increased flow of 30 cusecs in the race and can be added to as required. A greatly increased demand for water in the Mornington Peninsula District is anticipated in the post-war period and in order to be prepared for this, investigations are being made by the Commission with a view to bringing more water into the system by extending the Bunyip race to the Tarago River.

It is anticipated that the work of laying a 21-inch diameter reinforced concrete main from the Frankston Reservoir to replace the existing 15-inch main will be completed shortly and the pipe line ready for use in the coming summer.

The work of replacing the 12-inch diameter pipe from Gladstone-road to the Dandenong Reservoir with a 24-inch diameter main is expected to be completed for use during the coming summer.

Owing to the ever increasing demand upon the whole of the Mornington Peninsula System, the Commission has now in hand investigations to ascertain what action is necessary to meet these demands. The quantity of water delivered for market gardening purposes from the Lysterfield Reservoir has continued to steadily increase. The revenue derived from this source for the 1944-45 was £7,172 or an increase of £703 over last year. The revenue for the year 1935-36 was £548.

WONTHAGGI.

Satisfactory supply was maintained to the State Coal Mine and the townships of Wonthaggi, North Wonthaggi, Hicksborough. The pine plantation at the Lance Creek Reservoir continues to make excellent progress.

WIMMERA-MALLEE AND OTHER TOWNS.

During the year the storages of the 37 pipe reticulated townships connected to the Wimmera-Mallee domestic and stock system were replenished during the annual run of water and bulk supplies of water were provided to the towns of Horsham, Murtoa, Warracknabeal, Donald, Charlton and Underbool which are controlled by local waterworks trusts.

On account of the extreme drought conditions prevailing during the year, water supplies in the headworks reservoirs were considerably reduced and it became necessary to restrict the use of water for gardens in all of the above towns to assure sufficient water for domestic purpose.

Continuous supplies of water without restrictions were maintained in the urban reticulations of Carwarp, Merbein, Meringur, Nyah, Nyah West, Piangil, Red Cliffs, and Werrimull; the water for the supply of these towns being pumped from the River Murray.

DOMESTIC AND STOCK SUPPLIES.

WIMMERA-MALLEE SYSTEM.

This system comprises the Western Wimmera, Upper Western Wimmera, Wimmera United, Upper Wimmera United, Karkarooc, Hindmarsh, Birchip, Wycheproof, Long Lake, Sea Lake, Tyrrell, Tyrrell West and Tyntynder Waterworks Districts, the centres for administration being Horsham, Murtoa, Hopetoun, Birchip, Nyah West, and Ouyen.

The dry conditions of 1943 were followed by an extreme drought in 1944 which did not break until June, 1945, and as a result there was practically no run-off from the catchments of the Wimmera River for the two years. This so reduced the Grampians water supplies in the reservoirs that only a small emergency reserve of water was left for the 1945-46 season. Fortunately sufficient run-off occurred to provide for immediate needs, but little carry over will be available for the general watering due to commence in May, 1946.

During the past year sand drift into channels has occurred to a greater extent in the whole of the Mallee and the Wimmera than was ever previously experienced. With the shortage and rationing of chaff it is inevitable that some of the supply channels will not be cleaned and farmers served by such channels will not receive water.

Mallee lands, particularly in the northern areas, have deteriorated from year to year to such an extent, because of soil erosion, that production is seriously declining and if the water supply system is to be maintained, effective steps must be taken to ensure that the drifting of soil by wind action is controlled by proper land use. That this can be done is shown by the fact that on quite a number of holdings in the Mallee country, no drift has occurred, soil fertility has been maintained and channels through such holdings are practically free of sand drift.

It is considered that the control of the bulk of this sand drift is the duty and responsibility of the individual landholder who can and should in his own interests check, by proper land use, the deterioration of his land and prevent sand from covering roads, railways, channels, and fences.

In the Wimmera the majority of channels have suffered severely from soil drift, and although deterioration of the land is not marked, because drift conditions occur less frequently than in the Mallee, it should not be allowed to continue.

Owing to the small volumes of water in the headworks reservoirs at the end of the winter in 1944, the pumping of 4,900 acre feet of water in Pine Lake Reservoir was resorted to, so that streams for the domestic and stock watering could be maintained.

It was also necessary during the year under review, in addition to restricting the use of water in all town supplies, to limit the quantity of water supplied to the Horsham and Murtoa irrigation areas to three waterings. Similar restrictions appear inevitable during the forthcoming season as the present storage position shows little improvement.

During the year 9,250 acre feet including 730 acre feet pumped from Pine Lake, were released from headworks for the irrigation of 3,035 acres comprising 1,190 acres of orchards and vineyards, 1,645 acres pastures, and 200 acres of market gardens.

Notwithstanding weather conditions water for domestic and stock purposes was provided to all landholders with the exception of a few cases where holdings at the extremities of the system in the northern Mallee have become isolated because of the abandonment of adjacent holdings.

The cost of removal of sand from the 6,600 miles of channels of the Wimmera-Mallee System is shown in the following table.

Financial Year.						Amount.	Calendar Year (Watering Year).	Amount.
						£		£
1941-42	..	..	..	..	..	78,048	1941	87,497
1942-43	..	..	..	..	..	72,247	1942	76,538
1943-44†	..	..	..	..	..	63,715	1943	62,457
1944-45*	..	..	..	..	..	128,609	1944	60,981

† Figures for 1943-44 in last year's report inadvertently included amounts for Millewa and other small districts not part of the Wimmera-Mallee System.

* High expenditure due to sand-drift following 1944 drought will also be reflected in figures for the next financial year, 1945-46.

WYCHITELLA DISTRICT.

The new Wychitella District was constituted and the works necessary for its water supply were put in hand. Sixty-one and a half miles of channel were excavated before it became necessary to suspend work on account of the shortage of fodder for horse teams. It is expected that work will be resumed during the coming year and that it will be sufficiently advanced to enable water to be supplied to land holders along the main channels and possibly to the towns of Wedderburn and Korong Vale in 1946.

A commencement was made with the extension of the Wimmera United District to include the Swan Water West area. The work could not be completed during the year owing to drought conditions, but $4\frac{3}{4}$ miles of channel have been excavated out of a total of approximately 36 miles.

Arrangements have been made by the Commission for the sinking of a 10-inch bore some 3 miles west of Dimboola, where underground water is available. This experimental bore will be used to test the feasibility of establishing small irrigation plots on each farm in areas where such supplies are available. A local Committee has been formed to manage the operations, and full records will be kept of the costs of the project and of each class of product grown.

SYSTEMS SUPPLIED FROM THE RIVER MURRAY.

The annual supply of water for domestic and stock purposes to the Carwarp and Carwarp Central Waterworks Districts was provided during the year. The channels are connected to the Red Cliffs irrigation system with a further lift for the higher portion comprising the Central District which also supplies the pipe reticulation for the Carwarp township.

Yelta Waterworks District was similarly supplied through an extension of the Merbein Irrigation District channels.

Coreena District received its supply of water direct from the River Murray, but it was necessary to run the auxiliary pumps on account of the low level of the river, to maintain supply to the main pumping plant.

The annual run of water in the channels of the Millewa and Millewa Central systems was carried out during the year, from the local pumping stations operated to give service. The highest level to which water is raised is 280 feet above the river. The storages serving the pipe reticulations of the townships of Werrimull and Meringur also received full supplies from the channels in these districts.

OTHER DOMESTIC AND STOCK DISTRICTS.

The Walpeup West District extends from Underbool to the South Australian border. It is supplied with water for public purposes by one hundred bores which are maintained by the Commission. This is the only district operated by the Commission which depends on underground water for its supply. Arrears of maintenance work have, however, accumulated on account of difficulties in securing the necessary materials during the war period, and much work must be done as soon as conditions improve in order to restore mills and tanks to their normal standard.

MAIN PUMPING STATIONS.

To meet replacement of the original six boilers installed at the Red Cliffs power station in 1921, two new boilers were placed on load in November, 1944, replacing boilers, numbers 5 and 6. Specifications are now being prepared for boilers to replace, numbers 3 and 4.

The question of the establishment of a Central power station to meet the present and future power requirements of Mildura and surrounding districts is at present under investigation by the State Electricity Commission of Victoria.

Much work has been done, but owing to war conditions it has not been possible to obtain certain information regarding some of the machinery that will be required, thus delaying a final conclusion by the State Electricity Commission.

At the Red Cliffs power station sufficient quantities of black coal and briquettes were obtained to enable a full seasons watering to be provided, but there was not sufficient to establish a reserve stock.

EARTH-MOVING PLANT.

The maintenance of earth moving plant was carried out during the year under difficult conditions because of the shortage of manpower, spare parts, and material. However, all plants were kept in working condition.

MURRAY WORKS AND MAIN STORAGES.

Necessary maintenance was carried out on the Hume Reservoir, Yarrawonga Weir, Torrumbarry Weir and Lock, Mildura Weir and Lock, Mahmsbury Reservoir, Upper Coliban Reservoir, and Eppalock Reservoir.

GLENMAGGIE RESERVOIR.

Repair work was carried out on one of the north outlet valves in December and methods for the removal of gravel that had been washed from the side of the hill on to the valve trash racks and for further protection of the valves, are being investigated.

LAANECOOIE RESERVOIR.

The reservoir was empty from the 1st to the 4th July, 1944, and from the 1st January to 14th February, 1945. A new major gate and minor gate for this reservoir are in course of construction at Bendigo.

WERRIBEE AND BACCHUS MARSH STORAGES.

Pyke's Creek Reservoir.

In February the inlet to the outlet pipe was blocked by silt and debris brought down by a freshet. The trouble was overcome only after considerable difficulty. A new concrete inlet structure with three openings at various heights above the outlet tunnel level has been built to reduce the possibility of further blockages.

Melton Reservoir.

A blockage of the inlet to the outlet pipe caused by silt and debris from a freshet which occurred in February was cleared by a grab bucket operated from a pontoon.

ROCKLANDS RESERVOIR.

Necessary supervision was carried out on Rocklands Reservoir on which construction work is to be recommenced at an early date.

NEW IRRIGATION AND WATER SUPPLY PROPOSALS.

The work of the Commission's Investigations and Designs Branch which comprises the investigation of water storage and irrigation proposals in connexion with the development of the water resources of the State, and the preparation of designs for new works and for the extension of existing water supply systems has continued to expand during the year.

Investigations and designs connected with post-war development projects have greatly increased the work of the Branch, and although the staff has been considerably increased, further increases will be necessary before the Branch can deal adequately with the proposed programme of post-war works. Brief descriptions of the more important work of the Branch throughout the year are as follows:—

WATER RESOURCES INVESTIGATION.

Broken River.

The investigation of the water resources of the Broken River in connexion with supplies to rural areas in the shires of Benalla, Shepparton and Tungamah, was continued. A first progress report dealing with the history of previous investigations and water utilization proposals during the past 60 years has been completed. Detailed hydrological investigation of the Broken River was continued and has included investigations of possible storage sites and stream flows to determine the most suitable localities for and sizes of storages as well as the possible regulated discharges from such storages.

Campaspe River.

Investigations have been continued into the possibilities of greatly enlarging the Eppalock Reservoir so as to provide assured irrigation supplies to lands in the Campaspe Irrigation and Water Supply District. This district comprises some 20,000 acres of lands commanded from the existing weir on the Campaspe River south of Rochester.

Goulburn River.

Eildon Reservoir.—Previous investigations have shown that it would be practicable to provide a storage of 2,350,000 acre feet of water at the site of the existing Eildon Reservoir which has a capacity of 306,000 acre feet. A number of alternative designs including concrete and earthen dams have been prepared for the dam at this site, and it would appear that an earthen dam approximately 250 feet high and some 3,300 feet in length and

involving some 13,000,000 cubic yards of earth and rock fill would present the greatest advantage from the point of view of cost. Geological and topographical surveys of the site for this dam have been made, and field investigations continued for the purpose of examining the foundation and abutment conditions at the dam site and the types and properties of the materials available for construction. This work has involved the construction of a topographical model of the locality and the design of special apparatus for sampling and testing the soils and rock available for construction. Preliminary inspections of possible sites on the Goulburn River and its tributaries upstream of Eildon Reservoir have also been made.

Goulburn-Waranga Main Channel.—The Goulburn-Waranga Main Channel, some 23½ miles in length, conveys water from the Goulburn Weir to Waranga Reservoir and also supplies the eastern portion of the Rodney Irrigation and Water Supply District. The increased quantities of water that would become available when the capacity of Eildon Reservoir is increased to 2,350,000 acre feet would be largely utilized by diversion from the Goulburn Weir to the Waranga Basin and Goulburn Irrigation System. Consequently, investigations have been undertaken to determine the capacity of the Goulburn-Waranga channel required to provide for the ultimate utilization of the waters of the Goulburn River, and to meet the requirements for maximum development from this source of areas west of the Goulburn River.

Loddon River.

Following approval of the Government for the construction of a dam to impound 120,000 acre feet of water at the Cairn Curran site, investigations and surveys have been extended to obtain the information necessary for the detailed design of this structure. This work has included topographical and geological surveys of the dam site and storage basin area, and a hydrological investigation of Loddon River flows.

Investigations of sites for minor storages on the tributaries of the Loddon River have been continued and preliminary designs and estimates are in course of preparation for possible dams on the Deep or Tallaroop Creek. A storage on this creek would be used to provide increased and assured water to the town of Maryborough.

River Murray.

Hume Reservoir.—The very low level of the water in this reservoir during the year made it possible to examine the foundations of the dam and to obtain information that will be of great use in connexion with the proposed enlargement of the capacity of this Reservoir from 1,250,000 to 2,000,000 acre feet.

Torrumbarry System.—The comprehensive investigation of the Torrumbarry Irrigation System which comprises the districts of Cohuna, Kerang and Swan Hill, was continued, and designs and estimates are being prepared for the construction of main channels to by-pass the Kerang Lakes and to replace the natural water courses now used as irrigation water carriers.

Seven Creeks.

An investigation of the water resources of Seven Creeks in the Euroa District was made with a view to determining the possibility of providing a rural domestic and stock water supply to some 300 square miles of the plains north and west of Euroa.

Hydrology of Victorian Rivers.

From time to time investigations have been made of specific projects to utilize the water resources of the various rivers in Victoria. In this work it is impossible to consider the climatic and hydrologic characteristics of one river basin apart from those of the neighbouring basins. Consequently, an investigation is now in progress to co-ordinate previous work and investigate the meteorology and hydrology of the rivers of Victoria on a systematic and comparative basis.

Werribee River.

The investigation of storage possibilities on the Werribee River and tributaries was continued during the year. It has included—

- (a) a detailed examination of the possibility of raising Pykes Creek Reservoir, and the construction of improved facilities for diverting the flow of the Upper Werribee River through the inlet tunnel to this Reservoir; and
- (b) the investigation of several dam sites on the Lerderderg River below the confluence of the Sardine Creek, and the preparation of preliminary designs and estimates for alternative types and capacities of dams at these sites, and at Cobbledick's Ford on the Werribee River.

PROJECTS UNDER DEVELOPMENT.

Murray Valley Irrigation.

Surveys and designs were continued during the year for extensions to the irrigation channel system in a westerly direction from the existing district boundary. Designs and plans were prepared for approximately 114 miles of irrigation channels involving the excavation of 1,000,000 cubic yards of earthworks and some 750 channel and control structures and road and occupation crossings.

The design of the Irrigation System has been made with the drainage of the whole area in view, and investigations and designs were made of alternative methods of providing a drainage system for this area which will involve some 275 miles of drainage channels.

Central Gippsland Irrigation.

Design of the channel system to supply water to the Nambrok-Denison area has been continued. Investigations have also been undertaken to determine the ultimate development of irrigated land between the Thomson and the Avon Rivers. This has involved an examination of the capacity of the existing Main Northern and Southern channels from Glenmaggie Reservoir to the Maffra-Sale Irrigation District. As an alternative to the enlargement of the Main Northern Channel investigations are being made into the possibility of providing a carrier channel which will take off from the Main Southern Channel in a southeasterly direction, and after crossing the Macalister River joining the Airley Channel, thus supplying the southern portion of the Maffra-Sale District. Hydrographic investigations of the flows in the Macalister River have been made and preliminary designs and estimates are in course of preparation for the provision of increased storage so as to fully develop the resources of this River.

Glenelg River—Domestic and Stock.

Preparation of detailed plans for the construction of the Rocklands Dam on the Glenelg River near Balmoral was continued during the year. Water stored by this dam will be conveyed by channel to the Taylor's Lake and Pine Lake storages which serve the Wimmera-Mallee Domestic and Stock Water Supply System, and the irrigation areas near Horsham.

OTHER PROPOSALS.

Rutherglen.

Detailed examination was made of proposals submitted to the Commission by landholders for the irrigation of some 1,500 acres of vineyards by pumping from the River Murray in the vicinity of Rutherglen.

Piangil.

Preliminary designs and estimates have been prepared for alternative schemes to supply an area of 7,000 acres of lands near Piangil by pumping from the River Murray.

Boort.

Surveys were carried out of the existing channel system in the Boort Irrigation and Water Supply District, and investigations for the remodelling of the channels in this district and possible extensions of the district were commenced.

Deakin.

Investigations for the remodelling and enlargement of the channels in the Deakin Irrigation and Water Supply District were commenced.

Whittlesea.

Investigations and preliminary designs were completed for pipe-line proposals to provide a domestic and stock water supply to 33,600 acres in the vicinity of Whittlesea. Two alternative sources of supply were investigated. The first would be from the Melbourne and Metropolitan Board of Works main pipe line from Yan Yean Reservoir, the water being pumped to a service basin at a suitable elevation to reticulate the water by pipe line to all farms in the area. The second involved small storage on the Crystal Creek which is a tributary of the Plenty River, and reticulation from this storage by pipe line to all the holdings.

HYDRAULIC EXPERIMENTAL STATION.

Many of the problems associated with the investigation and design of water conservation works can be adequately solved only by carrying out investigations, using hydraulic models of the works under consideration, and in view of the Commission's programme, investigations are being made of possible sites for an experimental station.

WATERWORKS TRUSTS UNDER THE SUPERVISION OF THE COMMISSION.

In addition to the 126 country towns to which water is supplied directly by the Commission there are 131 Local Authorities supplying water to various country towns throughout the State. During the year the shire of Kara Kara Waterworks Trust, which had repaid its loan to the Treasurer, was abolished and the works are now being carried on by the Shire Council. Owing to exceptionally dry conditions throughout Victoria restrictions on the use of water had to be imposed on many towns, and in some instances it became necessary to carry water by rail in order to supply to the townspeople concerned the minimum quantities essential for domestic requirements.

Many Waterworks Trusts took steps to avail themselves of the Government's financial assistance available under the Town Water Supplies Committee's formula to which reference is made in another part of this Report. Owing, however, to shortage of labour and material many urgent works could not be completed in time to cope with the dry conditions.

The reservoir for Benalla was completed and filled during the year thus ensuring an improved supply for that town next summer. The St. Arnaud Waterworks Trust commenced construction of works to obtain a supply by pumping from the Commission's Charlton Channel, and works were commenced to provide improved supplies at Heathcote, Kaniva, Kilmore, Maryborough, Morwell, Rutherglen, Seymour, Warragul and Winchelsea.

Proposals were approved during the year for substantial improvements at Dunolly, Geelong, Korong Vale, Mildura, Wedderburn, Woodend and Yea, and for new supplies at Glenthompson, Mirboo North and Willaura, while a large number of additional proposals have been submitted and are being investigated.

SEWERAGE.

The general war-time suspension of sewerage construction, imposed in March, 1942, at the direction of the Commonwealth Government, is still in force.

However, minor sewer extensions, to serve Housing Commission building projects and essential factories, were undertaken at Ararat, Castlemaine, Colac, Echuca, Morwell, Shepparton and Wangaratta.

Sewerage systems are in operation in 27 out of the 38 country centres where sewerage authorities are in existence. The undertakings are in partial operation at Dimboola, Kyabram, Mornington, Nhill and Portland, in which towns only portion of the properties in the sewered areas had been connected to the sewers when further construction was suspended. The partially-completed schemes at Leongatha, Maffra, Traralgon, and Yarrawonga have not been brought into operation, while permission to commence construction in seven other centres, viz., Beechworth, Euroa, Lorne, Sale, Werribee, Wodonga, and Yarram, has not been granted.

Proposals for sewerage systems at Maryborough and Seymour have been submitted for examination.

DRAINAGE AND FLOOD PROTECTION WORKS.

CARDINIA AND KOOWEERUP DISTRICTS.

The work of enlarging and regrading the important catch drain on the north-west side of the Kooweerup main canal has been extended $2\frac{1}{2}$ miles and completed for the full distance of $9\frac{1}{2}$ miles from the Coast-road to Cora Lynn.

The Ten Mile Drain, which connects the Ararat Creek to the Main Catch Drain at Cora Lynn, has been remodelled for its total length of 3 miles.

In the Yallock System, Scanlan's Drain has been deepened and regraded for a distance of $1\frac{1}{4}$ miles from the No. 4 Drain and satisfactory progress is being made with the continuance of the work as approved for the remaining $3\frac{1}{2}$ miles to the No. 6 junction.

Maintenance work, which has been greatly restricted by shortage of labour and materials, has comprised repairs to bridges and structures, the removal of growth and obstructions from drains totalling 30 miles in length, and the treatment of noxious weeds and vermin along some 20 miles of drainage reserves.

Several large pits have been excavated in the bed of the Main Canal to facilitate operations for the removal of sand which affects the discharging capacity of the canal to carry flood flows.

Privately owned suction plants, operating under an arrangement with the Commission, have removed 30,000 tons of coarse clean sand from the Kooweerup Main Canal during the year. The total output of sand from this source is approximately 549,000 tons over the period 1925 to 1945.

Surveys have been made for the final design and lay-out of the approved Yallock works for alleviation of flooding in the Kooweerup District.

CARRUM DISTRICT.

Extensive protective work has been carried out to the weir on Mile Creek immediately below Cheltenham-road. This structure is now fairly secure, but further work remains to be done when labour is available.

Owing to scarcity of labour, maintenance work in the Carrum District has been confined to the cleaning out of water supply channels sufficiently to meet requirements of stock watering during the dry period.

MURRAY LEVEES.

During the year one application for permission to erect levees on streams adjacent to the River Murray for protection of lands from flooding has been dealt with by the Interstate Committee appointed for the purpose.

LOCH GARRY AND KANYAPELLA.

In the Kanyapella Flood Protection District repairs have been effected to the spillway of the Warrigal Creek Regulator which controls the flow from the district to the Goulburn River. Scours were partly back filled with selected earth well rammed and completed with grouted stone work. Cut off walls were installed under the spillway as a safeguard against future erosion.

No flooding occurred in the Goulburn River during the year, and control works in Loch Garry Flood Protection District were not called upon to function.

The work of repairing and strengthening the levee bank of the Goulburn River where a breach had occurred at Breen's Bend, near Kotupna, has been carried out. In addition to back filling this breach with selected material, a fibro-cement diaphragm was provided to prevent percolation of flood waters and the burrowing of animals.

RIVER IMPROVEMENT, CONTROL, AND GAUGINGS.

WORKS.

Owing to the shortage of labour and material throughout the country, applications for assistance from the Rivers and Streams Fund towards the cost of removing obstructions from streams and the prevention of erosion of their banks have been again on a much reduced scale. During the year 34 grants, totalling £3,502, were allotted to municipalities and other authorities, bringing the total number of grants approved to 721 and the total amount granted to £104,515 since the inception of the Fund in 1930. Revenue received from the river frontage rentals and paid into the fund during the year amounted to £10,316.

CATCHMENT CONTROL.

Much consideration has been given during the year to the question of control and protection of catchment areas, both in connexion with the Parliamentary Public Works Committee's enquiry as to river control, and from the points of view of water supply. This question the Commission considers to be of the greatest importance.

The Commission is of opinion that there is need for legislation to provide for the preservation of water catchments generally, including provision for the resumption of alienated lands within particular areas specifically declared to be water catchments.

Experimental work on the Teddington catchment has been continued with a view to preventing rainwater from passing underground and so being lost to the storage. Results so far have proved encouraging.

Inspection has been made of several other catchments used for water supply; and the Commission has followed with keen interest the investigation of the Soil Conservation Board into the question of the best management of the catchment of the Upper Kiewa River.

RIVER IMPROVEMENT AND MAINTENANCE.

The Parliamentary Public Works has continued its inquiry as to what action is necessary to provide for the more efficient maintenance of river improvement and drainage works—other than in irrigation districts.

SOIL CONSERVATION.

The Commission has continued to co-operate in various ways with the Soil Conservation Board, on which it is represented; the principal example being the preparation of a soil conservation project at Barrakee. This project is designed to serve the dual purpose of protecting the Commission's new Wychitella Channel and of providing a demonstration to landholders of contour farming and other soil conservation measures in a district where erosion is attacking large areas of valuable land.

DIVERSION OF WATER.

The use of water in rivers, lakes, streams, watercourses, lagoons, and swamps has been strictly controlled by the Commission. The continued drought conditions experienced over most of Victoria and which continued from the previous year brought the natural flow of most streams to an unusually low level and in some cases stream flows ceased altogether.

At the 30th June, 1945, 259 licences for the diversion of water extending over periods up to fifteen years were in force under which authority had been given for the irrigation of some 13,310 acres and in addition there were 1,753 Annual Permits for the irrigation of 18,855 acres, making a total of 2,012 diversion licences and permits as against 2,399 for the previous year.

The 259 licences in force at the 30th June, 1945, was an increase of fourteen over the previous year. It is interesting to note that many applications were received during the year for authority to divert water from drainage channels and the Commission as an emergency measure issued 56 new permits for this purpose, making a total of 67 in all for the irrigation of 3,386 acres which figures are included in the following table.

Owing to the low stream flow in most of the streams of the State, and in order to bring about an equitable distribution of available supplies of water in these streams, Advisory Committees were established in many localities on lines similar to the Advisory Boards which have been operated with much success in the Commission's irrigation districts.

These Committees were appointed at public meetings of water users along the streams concerned and the effective co-operation of such water users has made possible more efficient and equitable control of the use of the water in the streams.

	Industrial.	Vineyards.		Orchards.	Market Gardens.	Tobacco.	Miscellaneous.	Total.
		Dried Fruits.	Table and Spirit.					
Licences—								
Number in force	4	7			248			259
Area authorized to be irrigated (acres) .. .. .	..	158	403	1,386	39	52	11,272	13,310
Permits—								
Number in force	96	..	33	27	164	24	1,409	1,753
Area authorized to be irrigated (acres) .. .. .	..	566	277	457	1,279	472	15,804	18,855
Total area authorized to be irrigated (acres) .. .. .	..	724	680	1,843	1,318	524	27,076	32,165

RIVER GAUGINGS.

As provided by section 32 of the *Water Act* 1928, the gauging and recording of the flows of the principal streams of the State were continued. Weekly returns showing the volumes of water stored in reservoirs have been compiled.

All streams continued to register low discharges throughout the year 1944-45. Even the Gippsland rivers were reported at only about half their average annual discharge. Particularly low flows were experienced in the Loddon, Broken, Coliban, Campaspe, and Little Wimmera Rivers.

The following table shows the discharge of some of the principal streams during the year 1944-45, also the average annual discharge and the percentage departure from the average :—

Stream.	Discharge for Year 1944-45.	Average Annual Discharge since Year Indicated.	Percentage Departure from the Average for the Year 1944-45.
	<i>Acre Feet.</i>	<i>Acre Feet.</i>	
River Murray at Jingellic	592,000	1,839,000 (1891)	— 69
Mitta River at Tallandoon	288,940	1,103,000 (1887)	— 74
Broken River at Goorambat	18,720	206,000 (1887)	— 89
Goulburn River at Eildon Weir	520,890	1,389,000 (1901)	— 64
Goulburn River at Murchison	843,670	2,276,000 (1882)	— 63
Coliban River at Malmsbury	7,998	51,400 (1890)	— 84
Loddon River at Laanecoorie	16,900	169,200 (1891)	— 91
Little Wimmera River at Lonsdale Reservoir	6,600	71,600 (1904)	— 91
Bunyip River at Bunyip	53,160	123,700 (1908)	— 57
Thomson River at Cowwarr	160,830	325,500 (1901)	— 51
Macalister River at Glenmaggie	161,720	425,000 (1920)	— 62

Five new gauging stations have been established. These are located on the Tarago River at Neerim, Crystal Creek at Glenvale, Sheepwash Creek at Mandurang, Richardson River at Banvena South and the Avon River at Mitchell's Hill. Automatic water level recorders are being installed at several stations to replace the daily reading system.

The number of stations in operation at 30th June, 1945, was 77.

ENGINEERING RESEARCH BRANCH.

Steady progress has been made in this branch; the operating difficulties incidental to a shortage of trained staff have been considerably reduced by the return of some members from the fighting forces, and in the case of the junior section and of recent appointees, by related study and experience in the specific duties allotted to them.

Investigations in connexion with soil mechanics, have, as previously, constituted a considerable proportion of the work and absorbed all available staff activities.

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

1. Routine laboratory tests for Commission and other authorities.
2. Outdoor testing and inspection of materials supplied by contractors.
3. Chemical and physical examination of materials for works.
4. Water purification and analysis.
5. Soil mechanics.

The number of samples of soil received from various sources reached a total of 378, which were tested to determine the particle size distribution, optimum density, shear strength and permeability.

Investigations were continued on samples from the site of the proposed enlargement of the Eildon Reservoir and tests for shear strength have been made on undisturbed samples from the foundation of the existing embankment and recompacted samples of soil for proposed use in the new structure.

Testing was completed on the samples from the site of the proposed reservoir at Cairn Curran and also on samples received in connexion with the Pykes Creek Reservoir investigation.

Samples from the sites of several proposed minor reservoirs were tested as to their suitability, as well as samples from a variety of sources, including channel and levee banks, irrigation blocks, and a proposed fish hatchery.

A report on "Methods of Testing Soils as Practised in the Soil Mechanics Laboratory" is being prepared for publication.

LAND VALUATIONS.

VALUATIONS FOR RATINGS.

The Commission availing itself of its powers under the Water Acts, has extended, in the majority of its rural districts, the present rating valuations until 1948. The Districts administered from the Shepparton Centre, namely, Shepparton, South Shepparton, North Shepparton and Katandra Irrigation and Water Supply Districts, and the Shepparton Drainage District are, however, being re-valued.

Eighty-nine supplementary valuations have been made. These comprised 490 assessments over an area of 140,358 acres with a total net annual value of £24,444.

VALUATIONS FOR LAND COMPENSATION.

Owing to the war, the Commission's constructional activities have been curtailed and only six claims for compensation for land required for works were settled. The total amount claimed was £782 and settlements were effected for £170.

CROWN LANDS.

The Commission has dealt with a number of applications referred to it by the Lands Department during the year for the alienation or occupation of Crown lands, including water reserves and creek frontages from the aspect of their effect upon water supplies.

LIBRARY.

The technical library has continued to expand to meet the increasing needs of the Commission, particularly in connexion with Investigations and Designs. It has been re-catalogued, and classified according to the Universal Decimal classification.

The Commission and its officers have made increasing use of the micro film copying of technical data, which service has been made available by the Lands Department.

PART IV.—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.

In Rural Waterworks Districts, lands which could not be supplied with water from the Commission's channels were exempted from rating as provided by the *Water Act* 1943.

For the purpose of making and levying rates and charges, as provided by the *Water Acts* 1928 and 1939, the lands in nineteen Irrigation and Water Supply Districts were arranged in not more than three Divisions, and those in 23 Waterworks Districts and 15 Flood Protection and Drainage Districts in not more than four Divisions, in accordance with the relative benefits derived by such lands from the works, while, as heretofore in the urban portion of the Coliban System, a minimum and tapering rate was made. In the Carrum Drainage District rates were made on the unimproved capital value of lands within the District, and a minimum amount of rate was fixed as provided by section 5 of the *Water Act* 1942.

Under the powers conferred by section 62 of the *Water Act* 1928, minimum annual rates were fixed by the Commission on the first division lands in twenty Waterworks Districts.

In twenty-six Irrigation and Water Supply Districts the Commission made and levied compulsory irrigation charges, in three Flood Protection Districts charges were made, and in two Waterworks Trusts Districts taken over by the Commission rates were also made.

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.	Annual Value of Lands and Tenements.	Rate in the £1 made during Year ended 30th June, 1945.	Compulsory Irrigation Charge per Acre Foot of Water Right, Season 1944-45.	Number of Assessments.	Estimated Number of Persons Dwelling in District, excluding Defence Establishments.
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IRRIGATION AND WATER SUPPLY DISTRICTS.

				Valuation by Commis- sion.	Divisions.				
					1st.	2nd.	3rd.		
<i>Supplied from Goulburn System.</i>				£	s. d.	s. d.	s. d.	s. d.	
1. BOORT	80,061	56,722	11,339	18,395	1 0	0 6	..	7 0	277 429
2. CALIVIL	61,140	32,527	6,505	16,467	1 0	..	..	7 0	193 397
3. DEAKIN	160,434	21,050	5,660	45,628	1 8	0 10	0 5	6 0	526 1,339
4. DINGEE	8,849	4,361	4,361	3,329	1 0	..	..	7 0	68 166
5. KATANDRA	13,957	11,173	7,329	8,220	1 0	..	..	7 0	123 418
6. NORTH SHEPPARTON ..	121,795	61,444	13,203	54,034	1 0	0 6	0 3	7 0	471 1,130
7. ROCHESTER	181,589	56,995	57,466	66,990	1 0	0 6	0 3	6 0	903 2,578
8. RODNEY	272,690	190,359	60,838	134,600	1 0	0 6	0 3	6 0	1,935 5,125
9. SHEPPARTON	24,462	21,391	21,391	35,496	1 0	..	..	6 0	626 2,345
10. SOUTH SHEPPARTON ..	33,723	17,923	4,404	15,367	1 0	0 6	..	6 0	128 354
11. TONGALA-STANHOPE ..	76,154	47,626	48,052	48,822	1 0	0 6	0 3	6 0	1,072 2,181
12. TRAGOWEL PLAINS ..	218,164	148,763	31,192	44,289	1 0	0 6	0 3	7 0	672 882
Totals	1,253,018	670,334	271,740	491,637					6,994 17,344

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.	Annual Value of Lands and Tenements.	Rate in the £1 made during Year ended 30th June, 1945.	Compulsory Irrigation Charge per Acre Foot of Water Right, Season 1944-45.	Number of Assessments.	Estimated Number of Persons Dwelling in District, excluding Defence Establishments.
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IRRIGATION AND WATER SUPPLY DISTRICTS—continued.

				Valuation by Commission. £	Divisions.			s. d.		
					1st.	2nd.	3rd.			
					s. d.	s. d.	s. a.			
<i>Supplied from Yarrawonga Weir.</i>										
13. MURRAY VALLEY ..	103,174	79,634	22,291	40,476	1 0	0 6	0 3	10 0	490	962
<i>Supplied from Torrumbarry System.</i>										
14. COHUNA ..	84,962	44,481	49,084	45,819	1 9	0 10½	0 5¼	6 0	641	1,624
15. FISH POINT ..	6,327	3,756	1,845	1,533	1 0	..	..	6 0	44	53
16. KERANG ..	87,175	54,925	18,949	17,917	1 9	0 10½	0 5¼	5 0	413	664
17. KOONDROOK ..	82,676	24,472	24,522	24,009	1 9	0 10½	0 5¼	6 0	444	981
18. MYSTIC PARK ..	20,260	7,805	2,677	3,337	1 0	..	..	6 0	84	123
19. SWAN HILL ..	37,119	22,268	25,886	30,975	1 0	..	..	6 0	712	1,850
20. THIRD LAKE ..	11,483	3,771	2,513	2,156	1 9	0 10½	..	6 0	65	62
Totals ..	330,002	161,478	125,476	125,746					2,403	5,357
<i>Supplied from Southern State Works.</i>										
21. MAFFRA-SALE ..	51,778	22,427	22,463	58,684	1 0	0 6	0 3	10 0	455	2,145
22. BACCHUS MARSH ..	6,655	3,331	3,331	14,991	1 0	0 6	0 3	22 6	255	598
23. WERRIBEE ..	10,137	8,153	8,154	21,546	1 0	0 6	..	12 0	240	1,394
Totals ..	68,570	33,911	33,948	95,221					950	4,137
<i>Supplied direct from River Murray.</i>										
								For each 2½ acre feet		
24. MERBEIN ..	10,355	7,690	19,226	49,532	0 6	..	..	62 6	552	3,100
25. NYAH ..	3,839	2,740	7,347	9,434	0 6	..	..	53 4	241	830
26. RED CLIFFS ..	30,961	11,224	28,061	81,640	0 6	0 3	0 1½	70 0	972	3,250
Totals ..	45,155	21,654	54,634	140,606					1,765	7,180
<i>Supplied on a Sales of Water Basis.</i>										
								Unit charge per acre foot for water supplied as Sales		
27. CAMPASPE ..	19,725	..	..	8,871	2 0	1 0	0 6	6 0	149	130
28. TRESKO ..	3,482	2,000	..	3,529	2 6	1 3	..	20 0	214	230
Totals ..	23,207	2,000	..	12,400					363	360
Totals (Irrigation) ..	1,823,126	969,011	508,089	906,086					12,965	35,340

VALUATIONS, RATES, AND FLOOD PROTECTION CHARGES—continued.

Districts supplied with Water for Domestic and Ordinary use and for Watering Cattle or other Stock.	Annual Value of Lands and Tenements.	Rate in the £1 made during Year ended 30th June, 1945.			Minimum Amount of Rate per 640 Acres on Lands in the First Division.	Number of Assessments.	Estimated Number of Persons Dwelling in District, excluding Defence Establishments.
WATERWORKS DISTRICTS.							
Supplied from Wimmera-Mallee System.	Valuation by Commission. £	Divisions.			£ s. d.		
		1st. s. d.	2nd. s. d.	3rd. s. d.			
29. BIRCHIP	41,958	2 1	1 0½	0 6¼	9 12 0	663	900
30. HINDMARSH	8,542	2 8	..	0 8	10 13 4	51	224
31. KARKAROOC	128,774	1 11	0 11½	0 5¾	9 12 0	1,272	3,800
32. LONG LAKE	72,393	2 6½	1 3¼	0 7½	9 12 0	800	2,100
33. SEA LAKE	63,782	2 5	..	0 7¼	9 12 0	700	1,520
34. TYNTYNDER	48,244	3 0	1 6	0 9	9 12 0	1,006	2,000
35. TYRRELL	39,451	3 0	1 6	0 9	9 12 0	842	2,380
36. TYRRRL WEST	56,655	3 0	1 6	0 9	9 12 0	1,313	2,970
37. UPPER WESTERN WIMMERA	63,805	1 4	0 8	0 4	9 12 0	477	1,640
38. UPPER WIMMERA UNITED ..	106,159	1 4	0 8	0 4	9 12 0	700	2,200
39. WESTERN WIMMERA	278,804	1 0½	0 6¼	0 3½	..	2,706	8,410
40. WIMMERA UNITED.. .. .	315,403	1 0½	0 6¼	0 3½	9 12 0	1,695	6,850
41. WYCHEPROOF	76,056	2 1	1 0½	0 6¼	9 12 0	1,149	1,920
Totals	1,300,026					13,374	36,914
Supplied direct from River Murray.							
42. CARWARP	4,545	3 4	1 8	0 10	10 13 4	147	380
43. CARWARP CENTRAL	784	3 4	1 8	..	10 13 4	18	50
44. COREENA	5,157	3 4	1 8	0 10	10 13 4	153	190
45. MILLEWA	15,730	3 4	1 8	0 10	10 13 4	436	880
46. MILLEWA CENTRAL	10,238	3 4	1 8	0 10	10 13 4	283	455
47. YELTA	1,993	3 4	..	0 10	10 13 4	57	20
Totals	38,447					1,094	1,975
Supplied by Bores.							
48. WALPEUP WEST	47,639	0 8	0 4	..	4 16 0	1,074	1,760
Supplied from Coliban System.							
49. AXE CREEK	1,628	1 9½	..	..	..	65	250
50. HARCOURT	6,652	1 4	..	..	..	174	600
Totals	8,280					239	850
Miscellaneous.							
51. KERANG NORTH-WEST LAKES	7,400	0 5	..	..	..	180	253
52. NORMANVILLE	33,460	1 6	0 9	..	10 13 4	308	460
53. WERRIBEE	5,077	2 0	..	..	..	64	103
Totals	45,937					552	816
Totals (Waterworks)	1,440,329					16,333	42,315

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, 1945.	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, excluding Defence Establishments.
URBAN DISTRICTS AND DIVISIONS.							
<i>Supplied from Bellarine Peninsula System.</i>	Municipal Valuation.				Rate Allowance.	Excess.	
	£	s. d.	s. d.	s. d.	s. d.	s. d.	
54. ANGLESEA	3,056	1 8	33 4	10 0	1 0	1 0	163 150
55. BARWON HEADS AND OCEAN GROVE	11,604	1 8	33 4	10 0	1 0	1 0	747 850
56. DRYSDALE	3,023	1 8	33 4	10 0	1 0	1 0	173 600
57. PORTARLINGTON	3,463	1 8	33 4	10 0	1 0	1 0	250 600
58. QUEENSLIFF AND POINT LONSDALE	22,975	1 8	33 4	10 0	1 0	1 0	814 3,100
59. TORQUAY	5,739	1 8	33 4	10 0	1 0	1 0	348 450
Totals	49,860						2,495 5,750
<i>Supplied from Mornington Peninsula System.</i>							
60. BERWICK	7,586	1 5	20 0	7 6	1 0	1 0	330 950
61. BITTERN	590	2 1	20 0	7 6	1 0	1 0	84 100
62. BUNYIP	3,661	1 7	33 4	10 0	1 0	1 0	160 420
63. CARRUM	101,494	1 4	20 0	7 6	1 0	1 0	1,283 7,600
64. CRANBOURNE	3,580	1 4	20 0	7 6	1 0	1 0	150 300
65. CRIB POINT	3,481	2 1	33 4	10 0	1 0	1 0	299 650
66. DANDENONG	75,449	1 3	20 0	7 6	1 0	1 0	2,123 5,877
67. DROMANA—PORTSEA	56,374	2 2	40 0	10 0	1 0	1 0	2,850 3,000
68. FRANKSTON	87,375	1 4	20 0	7 6	1 0	1 0	2,793 6,400
69. GARFIELD	2,553	1 7	33 4	10 0	1 0	1 0	106 300
70. HASTINGS	2,674	2 0	26 8	10 0	1 0	1 0	210 500
71. LONGWARRY	3,163	1 8	33 4	10 0	1 0	1 0	125 300
72. MORNINGTON	49,947	1 4	20 0	7 6	1 0	1 0	1,268 2,540
73. PAKENHAM	6,089	1 5	33 4	10 0	1 0	1 0	229 750
74. SOMERVILLE	2,853	1 8	20 0	7 6	1 0	1 0	115 310
75. SOUTH FRANKSTON	22,676	1 6	66 8	13 4	1 0	1 0	443 950
76. SPRING VALE	47,664	1 4	20 0	7 6	1 0	1 0	2,575 3,713
Totals	477,209						18,143 34,660
<i>Supplied from Otway System.</i>							
77. ALLANSFORD	1006	2 0	40 0	10 0	1 0	1 0	56 200
78. CAMPERDOWN	31,316	2 0	40 0	10 0	1 0	1 0	969 2,800
79. COBDEN	8,874	2 0	40 0	10 0	1 0	1 0	296 800
80. TERANG	22,493	2 0	40 0	10 0	1 0	1 0	675 1,950
Totals	63,689						1,996 5,750
<i>Supplied from Wimmera—Mallee System.</i>							
81. ANTWERP	215	2 4	46 8	10 0	1 4	1 0	41 54
82. BERRIWILLOCK	1,270	2 4	15 0	..	1 0	1 0	72 140
83. BEULAH	3,529	2 0	15 0	..	1 0	1 0	208 357
84. BIRCHIP	5,627	1 4	15 0	..	1 0	1 0	334 650
85. BRIM	935	2 4	40 0	10 0	1 0	1 0	79 110
86. CHILLINGOLLAH	248	2 4	46 8	10 0	1 4	1 0	31 35
87. CHINKAPOOK	569	2 4	46 8	10 0	1 4	1 0	43 100
88. CULGOA	1,227	2 4	15 0	..	1 0	1 0	58 130
89. DIMBOOLA	16,312	1 4	15 0	..	1 0	1 0	619 1,614
90. DOON	169	1 4	26 8	5 0	1 0	1 0	6 22
91. HOPETOUN	6,635	2 0	15 0	..	1 0	1 0	286 615
92. JEPARIT	9,046	1 5	15 0	..	1 0	1 0	298 822
Carried forward	45,782						2,075 4,649

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, 1945.	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, excluding Defence Establishments.
URBAN DISTRICTS AND DIVISIONS—continued.							
<i>Supplied from Wimmera-Mallee System—continued.</i>	Municipal Valuation.				Rate Allowance.	Excess.	
	£	s. d.	s. d.	s. d.	s. d.	s. d.	
Brought forward ..	45,782						2,075 4,649
93. JUNG JUNG	889	2 0	20 0	7 6	1 0	1 0	44 146
94. LALBERT	780	2 4	46 8	10 0	1 0	1 0	56 115
95. LASCELLES	915	2 4	15 0	..	1 0	1 0	76 106
96. MANANGATANG	1,961	2 4	46 8	10 0	1 4	1 0	115 270
97. MARNOO	1,123	2 4	33 4	10 0	1 0	1 0	58 170
98. MINYIP	6,161	1 10	15 0	..	1 0	1 0	262 550
99. NANDALY	313	2 4	46 8	10 0	1 4	1 0	36 100
100. NATIMUK	3,187	1 4	15 0	..	1 0	1 0	145 530
101. NULLAWIL	700	2 4	46 8	10 0	1 4	1 0	47 80
102. OUYEN	9,325	2 0	15 0	..	1 4	1 0	422 940
103. PATCHEWOLLOCK	692	2 4	46 8	10 0	1 4	1 0	70 115
104. QUAMBATOOK	3,260	1 11	15 0	..	1 0	1 0	171 400
105. RAINBOW	9,000	1 4	15 0	..	1 0	1 0	312 820
106. RUPANYUP	5,625	1 11	15 0	..	1 0	1 0	208 490
107. SEA LAKE	7,249	1 4	15 0	..	1 0	1 0	295 600
108. SPEED	418	2 4	46 8	10 0	1 4	1 0	25 36
109. TEMPY	261	2 4	46 8	10 0	1 4	1 0	41 63
110. ULTIMA	1,927	2 0	15 0	..	1 0	1 0	159 260
111. WAITCHIE	235	2 4	46 8	10 0	1 4	1 0	38 35
112. WALPEUP	861	2 4	46 8	10 0	1 4	1 0	63 130
113. WATCHEM	1,884	2 2	15 0	..	1 0	1 0	125 200
114. WOOME LANG	1,919	2 4	15 0	..	1 0	1 0	161 260
115. WOORINEN	764	2 4	46 8	10 0	1 0	1 0	66 112
116. WYCHEPROOF	7,002	1 4	15 0	..	1 0	1 0	275 610
117. YAAPEET	299	2 4	46 8	10 0	1 4	1 0	27 45
Totals	112,532						5,372 11,832
<i>Supplied from Torrumbarry System.</i>							
118. COHUNA	10,743	1 4	15 0	..	1 0	1 0	438 1,055
119. KOONDROOK	3,064	1 10	15 0	..	1 0	1 0	223 750
120. LEITCHVILLE	1,906	2 4	26 8	10 0	1 0	1 0	117 230
121. MURRABIT	273	2 4	46 8	10 0	1 4	1 0	33 42
Totals	15,986						811 2,077
<i>Supplied direct from River Murray.</i>							
122. CARWARP	96	2 4	46 8	10 0	1 4	1 0	19 15
123. LAKE BOGA	2,253	2 0	15 0	..	1 0	1 0	138 400
124. MERBEIN	10,748	1 10	15 0	..	1 0	1 0	437 1,550
125. MERINGUR	294	2 4	46 8	10 0	1 8	1 0	28 50
126. NYAH	973	1 10	36 8	..	1 0	1 0	71 120
127. NYAH WEST	4,333	1 10	40 0	10 0	1 0	1 0	180 370
128. PIANGIL	930	2 4	40 0	10 0	1 0	1 0	93 117
129. RED CLIFFS	17,512	1 4	20 0	10 0	1 0	1 0	505 1,550
130. WERRIMULL	827	2 4	46 8	10 0	1 8	1 0	65 60
Totals	37,966						1,536 4,232
<i>Miscellaneous.</i>							
131. BACCHUS MARSH	16,986	1 4	15 0	..	1 0	1 0	581 1,831
132. COROP	156	1 8	15 0	..	1 0	1 0	21 53
133. DINGEE	344	2 4	26 8	10 0	1 0	1 0	25 42
134. HEYFIELD	3,338	1 11	33 4	10 0	1 0	1 0	149 340
135. HICKSBOROUGH	453	2 4	40 0	10 0	1 0	1 0	45 95
136. LOCKINGTON	1,639	2 0	40 0	10 0	1 0	1 0	89 130
137. MARONG	794	2 0	26 8	10 0	1 0	1 0	58 300
138. NEWSTEAD	3,041	2 0	40 0	10 0	1 0	1 0	161 400
Carried forward ..	26,751						1,129 3,191

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, 1945.	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, excluding Defence Establishments.
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URBAN DISTRICTS AND DIVISIONS—continued.

<i>Miscellaneous—continued.</i>	Municipal Valuation.	Rate			Rate Allowance.	Excess.		
	£	s. d.	s. d.	s. d.	s. d.	s. d.		
Brought forward ..	26,751						1,129	3,191
139. NORTH WONTHAGGI ..	3,449	1 4	20 0	5 0	1 0	1 0	391	697
140. PYRAMID HILL ..	3,552	1 6	30 0	10 0	1 0	1 0	153	364
141. STANHOPE ..	1,850	1 6	30 0	10 0	1 0	1 0	82	237
142. WONTHAGGI ..	29,229	1 4	15 0	..	1 0	1 0	1,336	4,477
Totals ..	64,831						3,091	8,966

COLIBAN SYSTEM.

	Municipal Valuation.	Rate in the £1 made during year ended 30th June, 1945.	Minimum Amount of Rate for Lands on which there is a Building.					
	£	s. d.	s. d.					
143. COLIBAN	419,953	On Valuations up to £300	1 4	15 0	1 0	1 0	14,677	60,850
Includes Bendigo, Castlemaine, Eaglehawk, Maldon, Barker's Creek, Campbell's Creek, Chewton, Elphinstone, Epsom, Ascot, Fryers-town, Guildford, Harcourt, Huntly, Kangaroo Flat, Myer's Flat, Raywood, Sebastian, Spring Gully, Taradale, and Yapeen. Rural properties supplied from Coliban System, involving 1,848 assessments and a population of 7,850 persons are also included. See under Waterworks Districts for Axe Creek and Harcourt rural supplies and under Urban Districts for Marong.		From £301 up to £700	1 3	..	..	..	..	..
		From £701 on	1 0	..	..	..	..	..
		Vacant Lands	1 4	..	..	..	..	..
Totals (Urban)	1,242,026						48,121	134,117

WATERWORKS TRUSTS.
(Administered by Commission.)

Districts supplied with Water for Domestic and Ordinary Use and for Watering Cattle or Other Stock.	Annual Value of Lands and Tenements.	Rate in the £1 made for Half-year ending 30th June, 1945.			Number of Assessments.	Estimated Number of Persons dwelling in District, excluding Defence Establishments.
		Divisions.				
	Valuation by Commission.	1st.	2nd.	3rd.		
144. LODDON UNITED ..	£ 68,003	s. d. 0 4	s. d. 0 2	s. d. 0 1	767	731
	Municipal Valuation.	Rate in the £1 made during half-year ended 30th June, 1945.	Minimum Amount of Rate for Lands on which there is a Building.	Water Charge per 1,000 gallons.		
145. MITIAMO (Urban) ..	£ 886	s. d. 1 4	s. d. 7 6	s. d. 1 0	57	120
Totals (Trusts) ..	68,889				824	851
Grand Totals (all Districts)	£3,657,330				78,243	212,623

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

District.	Annual Value of Lands and Tenements.	Rate in the £1 made during Year ended 30th June, 1945.				Number of Assessments.	Estimated Number of Persons Dwelling in District, excluding Defence Establishments.
DRAINAGE DISTRICTS.							
		Divisions.					
		Valuation by Commission.	1st.	2nd.	3rd.	4th.	
		£	s. d.	s. d.	s. d.	s. d.	
146. COHUNA	35,131	1 6	1 1½	0 9	0 4½	516 1,160
147. KERANG EAST	16,910	1 8	1 3	0 10	0 5	348 730
148. MAFFRA-SALE	28,917	1 2	0 10½	0 7	0 3½	248 1,180
149. MERBEIN	43,304	0 9	..	0 4½	..	387 3,100
150. MURRABIT	3,364	1 3	..	..	..	78 216
151. NYAH	7,519	0 9	..	0 4½	..	182 655
152. RED CLIFFS	71,352	0 9	..	0 4½	..	621 2,850
153. ROCHESTER	26,938	1 6	1 1½	0 9	0 4½	454 1,511
154. RODNEY	18,088	1 3	0 11¼	0 7½	0 3¾	302 670
155. SHEPPARTON	56,734	1 2	0 10½	0 7	0 3½	812 3,090
156. TONGALA-STANHOPE	51,114	1 6	1 1½	0 9	0 4½	978 2,203
157. WERRIBEE	22,255	0 8	0 6	0 4	0 2	253 1,320
158. WOORINEN	10,359	1 2	..	..	..	225 376
Totals	391,985	..	..	..	..	5,404 19,061
		Unimproved Capital Value.					
		£					
159. CARRUM	342,013	0 3	0 2¼	0 1½	0 0¾	4,600 4,450
			(with a minimum amount of rate of 2s. per tenement)				
Totals (Drainage)		£391,985 (N.A.V.)					10,004 23,511
		£342,013 (U.C.V.)					

FLOOD PROTECTION DISTRICTS.

		Rate in the £1 made during Year ended 30th June, 1945.					
	Valuation by Commission.	Divisions.					
		1st.	2nd.	3rd.	4th.		
	£	s. d.	s. d.	s. d.	s. d.		
160. LOWER KOOWEERUP	56,806	2 0	1 6	1 0	0 6	976	2,500
	Area in Acres.	Charge per Acre made during Year ended 30th June, 1945.					
		s. d.	s. d.	s. d.	s. d.		
161. CARDINIA	26,621	3 2	2 4½	1 7	0 9½	268	750
162. KANYAPELLA	12,604	0 5	..	0 2½	..	41	66
163. LOCH GARRY	41,678	0 5	..	..	..	109	180
Totals (Flood Protection)	80,903 (Acres)					1,394	3,496

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 a minimum annual payment of £2 for any one holding.

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., Accountant.)

REVENUE.

The respective amounts paid to consolidated revenue during the past three years were :—

Year.	Water Rates and Charges, Diversion, Grazing Fees, &c.	Interest, Lands Sold, Plant and Machinery Account.	Recoups, &c.	Total.
	£	£	£	£
1942-43	763,020	9,773	74,102	846,895
1943-44	737,259	4,433	55,608	797,300
1944-45	714,708	2,339	73,980	791,027
Grand Totals	2,214,987	16,545	203,690	2,435,222

The amount collected during the current year, including arrears, represented the equivalent of 139 per cent. of the year's assessment (£512,081) for rates and charges. Additional amounts collectable for sales of water, interest on arrears, meter rents, &c., were £203,765. The total collectable new money for the year, therefore, was £715,846 of which the actual sum collected (£713,006) represented the equivalent of 99·6 per cent.

An amount of £22,670 was written off the books of the Commission for the financial year 1944-45, as compared with £16,394 for the previous year. Adjustments of water-users accounts in arrears in rural areas, made pursuant to legislation, have involved the writing off, during recent years of the following amounts :—

	Amount of Remission to 30th June, 1945.	Number of Individual Cases Involved.
	£	
<i>Farmers' Debts Adjustment Act</i> 1935 (No. 4326) ..	96,930	1,544
<i>Water Act</i> 1937 (No. 4513)	125,747	1,845
<i>Water Act</i> 1940 (No. 4740)	81,674	12,000
		(Approx.)
<i>Water Act</i> 1944 (No. 5017)	2,474	1,650

The amount of £81,674 written off under the provisions of the Water Act No. 4740, represents the remission of interest accrued on arrears to 30th June, 1940. Arrears of the rates and charges (excluding interest remitted and excused), subject to the provisions of the Water Act (No. 4740) are payable by instalments over periods ranging up to twenty years from and inclusive of 1st January, 1941. The arrears so consolidated are not subject to interest conditionally upon the instalment being paid on the due date each year. The balance of consolidated arrears as at 30th June, 1945, amounted to £257,121.

The loss for the year 1944-45 on Crown lands, which have not been occupied or have been vacated by the lessees leaving no assets, amounted to £2,959.

The arrears of rates and charges were reduced from £485,021 as at 1st July, 1944, to £467,866 as at 30th June, 1945.

EXPENDITURE.

The expenditure for the year on maintenance, water distribution, and management, and the comparative figures for 1943-44 are set out hereunder :—

	1944-45	1943-44.
	£	£
From Annual Vote Appropriation	814,729	682,475
*From Annual Vote Appropriation (Exceptional) ..	30,436	39,564
From Surplus Revenue, Act 4968	50,178	17,041
	<hr/> 895,343	<hr/> 739,080

* Includes £11,291 assistance to Sewerage Authorities, £17,138 subsidies to Sewerage Authorities; £752 subsidies to Waterworks Trust and Local Governing Bodies, £440 Land Compensation, £138 Expenses Town Water Supplies Committee and £677 overdraft Loddon United Waterworks Trust consequent upon absorption of Trust by Commission.

An amount of £315,729 was expended during the year on capital construction works, reconstruction, improvements and enlargement of works from funds provided as under :—

	£
Ordinary Loan Funds (Acts Nos. 4979 and 5048)	297,744
Treasurer's Advance	17,985
	<hr/> 315,729

The total expenditure on works carried out or supervised by the Commission for the year 1944-45 from all sources was as set out hereunder :—

	£	£
Vote Funds	845,166	
Special Appropriation	3,602	
Surplus Revenue, Act No. 4968	50,178	
	<hr/>	898,946
Ordinary Loan Funds and Treasurer's Advance—		
Commission Works	283,914	
Waterworks Trusts and Local Bodies	31,815	
	<hr/>	315,729
Water Supply Works Depreciation Fund		12,279
		<hr/>
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.		1,226,954

A credit to war precautions under the provisions of the *National Security Act 1939* (No. 4645) amounted to £20. This credit is not recorded above, and, although credited by the Treasury to the annual cost of operations in respect to country water supply works it has not been credited direct to water users.

The actual expenditure during the year by this Commission on works included in the River Murray Agreement was Construction £1,462, and Maintenance £7,170.

In addition, a sum of £1,246 was expended during the year on the construction of water supply, sewerage, and other works at the request of the Defence Authorities. The total expenditure by the Commission to 30th June, 1945, on military and defence projects since the outbreak of war has amounted to £816,926. This expenditure has been met from the following sources :—Department of the Army, £246,487; Department of the Interior, £474,890; Commonwealth Unemployment Relief Funds, £94,868; United States Army, £981.

CAPITAL LIABILITY.

The Capital Loan Liability of the State for Works of Country Water Supply at 30th June, 1945, was £28,268,106, of which amount £25,783,798 is charged to the "Capital Expenditure borne by the State Account." Of the remainder, £1,312,925 is charged to Waterworks Trusts and Local Government Bodies, £33,669 is debited to the Plant and Machinery Account, and the balance £1,137,714, represents the Capital Liability, after adjustment, debited to Districts and Divisions directly under the control of the Commission. These figures are exclusive of an equity £2,694,603 in the National Debt Sinking Fund.

The average rate per cent. of Interest for 1944-45 debited by the Treasury on the Capital Liability for Country Water Supply Works was £3 13s. 7d.

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

	£	s.	d.
Interest	1,082,338	6	7
Exchange on overseas interest	112,393	6	0
Loan Conversion expenses	1,869	11	10
	1,196,601	4	5

The amount paid by the Treasury in respect of exchange on overseas interest has not been debited direct to water-users. The following statement shows the approximate interest payment for 1944-45 in relation to the Capital Liability.

Capital Debited to—	Capital Liability as at 30th June, 1945.	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	1,137,714	132,495 14 11	91,806 4 10
Waterworks Trusts and Local Governing Bodies ..	1,312,925	62,215 9 9	62,215, 9 9
Plant and Machinery Account	33,669	1,390 5 4	1,390 5 4
Capital Expenditure borne by the State Account ..	25,783,798	886,236 16 7	..
	28,268,106	1,082,338 6 7	155,411 19 11

DEPRECIATION.

The amount at credit of the Water Supply Works Depreciation Account in the Commission's books at 1st July, 1944, was £247,768 7s. An amount of £48,736 11s. 7d., was raised during the financial year 1944-45 for purposes of depreciation.

In addition, a sum of £278 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 £6,010 14s. 5d. and deducting the expenditure (£12,278 14s. 3d.) from Depreciation for the year, the balance remaining in the Account as at 30th June, 1945, was £290,514 18s. 9d.

During the year a sum of £52,224 was transferred from the Commission's revenue to the credit of the Water Supply Works Depreciation Fund in the Treasury Books.

It is desirable that the Fund be built up to ensure that moneys will be available to meet large expenditure in replacements which must be effected in the near future, and that regular transfers be made to the Fund to avoid fluctuations in the Commission's net revenue each year. The amount included in rates and charges levied each year for purposes of depreciation is approximately £48,330.

Details of the Water Supply Works Depreciation Account are set out on pages 86-88 of this Report.

PLANT AND MACHINERY ACCOUNT AND STORES SUSPENSE ACCOUNT.

The value of large size movable Plant and Machinery held in the Plant and Machinery Account as at 30th June, 1945, was £33,669 8s. 4d.

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 £12,761 5s. 2d.

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 £52,725 17s. 8d. as at 30th June, 1945, as against a credit of £54,120 18s. 2d. 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 held in the Stores Suspense Account as at 30th June, 1945, was £147,075 15s. 4d. The net amount at credit of the account is £134,314 10s. 2d.; the difference (£12,761 5s. 2d.) represents the amount at credit of operating account in respect of excavators, &c.

REVENUE EXPENDITURE CHARGEABLE TO THE STATE ACCOUNT.

The Commission, by direction of the Governor in Council, has throughout 1944-45 continued the operation of 5 Irrigation Districts, 20 Waterworks Districts, 46 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 1944-45 was £244,912, making a total of £728,643 borne by the State since 1st July, 1938. In 49 of these districts an aggregate cash surplus of revenue over expenditure of £19,526 was obtained. This amount was applied to Interest (£4,287) in respect of Capital works debited to districts subsequent to the Capital Adjustment, Redemption (£31) and Depreciation (£2,871), leaving a sum of £12,337 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 1937*, 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, 1944-45.

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, including the Capital Cost of Free Headworks and other National Works, has been transferred to the "Capital Expenditure borne by the State Account."

A further adjustment of the Capital Liability has been effected by virtue of Section 3 of the *Water Act* 1944 (No. 5017) which provided for the rearrangement of lands in four divisions and the exemption from rates of lands classified fourth division. Where as a result of this arrangement the revenue of any district would be insufficient to meet interest charges, the Act provided that the Capital Liability at debit of such district shall be reduced by transferring to the Capital Liability borne by the State a sum commensurate with such reduction. The amount of Capital Liability transferred from the districts to the State as a result of this arrangement was £32,689 8s. 11d.

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.

“ PAYING ” DISTRICTS.

The Districts from which revenue is sufficient to meet all operating, maintenance, depreciation, interest, and redemption charges on allotted capital are :—

Irrigation and Water Supply Districts (23).

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

Waterworks Districts (9).

Bellarine Peninsula	Newstead	Otway	Western Wimmera
Harcourt	Normanville	Werribee	Wimmera United
Mornington Peninsula			

Urban Divisions and Districts (38).

Allansford	Brim	Hicksborough	Pyramid Hill
Bacchus Marsh	Camperdown	Jeparit	Queenscliff and
Cohuna	Carrum	Longwarry	Point Lonsdale
Lockington	Cobden	Marnoo	Rainbow
Red Cliffs	Cranbourne	Marong	Rupanyup
Antwerp	Culgoa	Merbein	Somerville
Barwon Heads and	Dandenong	Minyip	South Frankston
Ocean Grove	Dimboola	Mornington	Spring Vale
Berriwillock	Dromana—Portsea	Natimuk	Terang
Berwick	Frankston	Pakenham	Watchem

Drainage Districts (1).

Carrum

£

The surplus Revenue over Expenditure in respect of these Districts after providing for interest, redemption, and depreciation was 41,166

“ NON-PAYING ” DISTRICTS.

Where the revenue from existing rates and charges is insufficient to meet operating costs, the works in such centres may be maintained 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 (52).

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

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 1944-45 resulted in an aggregate cash surplus of £19,526. Of this amount a sum of £7,169 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 1944-45 by direction of the Governor in Council, in which the Revenue was insufficient to meet operating costs, was £ 244,912

NATIONAL SERVICES.

Included in the heading of “National Services” are such items as River Gaugings and Inspections, Contribution 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 1944-45, and paid from the Commission's Vote Appropriation, was £ 167,745

From this amount may be deducted miscellaneous revenue collected in respect to diversion permits, rents, &c. £ 126,467

Net Cost to State of National Services, 1944-45 .. 41,278

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 on page 109 of the Auditor-General's Report for 1944-45 that "the net cost to the State for the year in connexion with country water supply which has been met from general revenue was £1,231,919." This figure includes the cost of the services referred to earlier, also a sum of £20 credited to war precautions. 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 £244,912 beforementioned, being the deficiency 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.

A summary of the total cost (£1,231,919) to the State for the year is set out hereunder—a more detailed analysis is set out on page 53 of this Report.

	£	£	£
Total Cost to the State .. .. .	..	..	1,231,919
Loss on "Non-paying" Districts		244,912	
Net cost of "National Services"		41,278	
Interest, Exchange, and Loan Conversion Expenses on Headworks, and Capital borne by State	1,000,500		
Less Interest on Lands sold, &c.	949		
		999,551	
		1,285,741	
Deduct amount paid to Revenue in respect of Depreciation (£48,736) and Redemption (£3,807)		52,543	
		1,233,198	
Deduct Surplus on "Paying Districts" ..	41,166		
Revenue in excess of operating costs in other ("Non-paying") Districts	12,337		
		53,503	
		1,179,695	
Add amount transferred from Revenue to Depreciation Fund and State Loans Repayment Fund		52,224	
Net Total cost to State .. .. .	..	..	1,231,919

The net cost to the State (£1,231,919) was £116,497 greater than the comparable figure for the previous year. This is due mainly to higher costs of operations, particularly the increased cost of fuel for pumping stations and the heavy cost of removing the large accumulation of drift sand in the channels resulting from the severe drought. Revenue collections were lower than previous years due to the effect of reduction of water charges and losses sustained by landholders in the dry areas as a result of the drought.

Although provision exists for the transfer from the "Capital Expenditure borne by the State Account" to the direct liability of the water-users as the respective districts develop, it will not be possible, having regard to the present basis of rates and charges and the increased operating costs, for water-users to meet the full cost of interest, redemption and operations.

Furthermore major water supply projects in hand will involve a large expenditure of capital funds. 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 (£1,231,919) borne by the community for the year 1944-45 is equivalent to 12s. 6d. per head of the whole population, and represents the contribution of the individual citizen towards the indirect benefits derived from the State enterprise of Country Water Supply.

RESULTS OF OPERATIONS IN DISTRICTS UNDER CONTROL OF COMMISSION.

Disbursements, 1944-45.

	Operating Expenses.	Interest on Capital Allotted.	Depreciation Paid by Districts.	Redemption Paid by Districts.	Total Disbursements.
	£ s. d.	£ s. d.	£ s. d.	£ s. d.	£ s. d.
Coliban Works	48,403 11 1	11,587 4 3	7,857 0 0	..	67,847 15 4
Irrigation Districts	299,152 11 10	66,888 12 1	14,376 0 0	..	380,417 3 11
Irrigation Urban Divisions	3,910 3 0	560 9 10	727 0 0	64 11 1	5,262 3 11
Waterworks Districts	296,951 4 2	31,107 10 9	9,095 6 8	2,081 15 10	339,235 17 5
Waterworks Urban Districts	49,744 17 3	21,989 19 3	14,959 4 11	1,660 9 1	88,354 10 6
Flood Protection Districts	6,427 16 7	361 18 9	..	..	6,789 15 4
Drainage Districts	42,609 7 8	..	1,722 0 0	..	44,331 7 8
	*747,199 11 7	132,495 14 11	48,736 11 7	3,806 16 0	932,238 14 1
Expenditure not chargeable to Districts—					
Free Headworks	†9,267 11 3	..	..	..	9,267 11 3
Other	†138,876 12 3	..	..	..	138,876 12 3
	895,343 15 1	132,495 14 11	48,736 11 7	\$3,806 16 0	1,080,382 17 7

Inclusive of Grant from Surplus Revenue:—* £49,822 2s. 4d.; † £214 4s. 8d.; ‡ £142 0s. 4d.; Total, £50,178 7s. 4d.
 § Exclusive of Redemption paid in respect of Plant and Machinery Account, £95 6s. 3d.; Inclusive of Capitalized Interest, £31 9s. 1d.

Receipts, 1944-45.

	Total Receipts.	Less Transfers to Depreciation Fund.	Total Collections Paid to Consolidated Revenue.	Excess.	
	£ s. d.	£ s. d.	£ s. d.	Receipts over Disbursements.	Disbursements over Receipts.
Coliban Works	49,496 2 6	8,298 0 0	41,198 2 6	..	18,351 12 10
Irrigation Districts	355,929 16 9	16,321 0 0	339,608 16 9	..	24,487 7 2
Irrigation Urban Divisions	7,067 12 5	..	7,067 12 5	1,805 8 6	..
Waterworks Districts	147,025 15 5	25,744 0 0	121,281 15 5	..	192,210 2 0
Waterworks Urban Districts	99,274 7 10	..	99,274 7 10	10,919 17 4	..
Flood Protection Districts	9,451 10 4	..	9,451 10 4	2,661 15 0	..
Drainage Districts	22,762 4 6	1,861 0 0	20,901 4 6	..	21,569 3 2
	691,007 9 9	52,224 0 0	638,783 9 9	15,387 0 10	256,618 5 2
Recoups of amounts paid from Revenue ..	73,980 6 5	..	73,980 6 5	..	..
Free Headworks	5,336 2 7	..	5,336 2 7	..	..
Miscellaneous	18,364 15 9	..	18,364 15 9	..	..
	788,688 14 6	52,224 0 0	736,464 14 6	15,387 0 10	256,618 5 2

SUMMARY OF OPERATIONS FOR YEAR 1944-45.

£ s. d.	£ s. d.	£ s. d.	£ s. d.	£ s. d.
REVENUE 1944-45—		EXPENDITURE 1944-45—		
From Districts and other activities under the control of the Commission .. 714,708 8 1		From Annual Vote—Commission Districts .. 697,377 9 3		
Recoups of amounts paid from Revenue .. 73,980 6 5		Services of a National Character and Free Headworks .. 147,787 18 6		845,165 7 9
	788,688 14 6	Special Appropriation .. .. .	..	3,602 7 3
Less transfer to Water Supply Works Depreciation Fund .. 52,224 0 0				848,767 15 0
	736,464 14 6	Surplus Revenue Act No. 4968—		
Grants from Revenue—		Commission Districts .. 49,822 2 4		
Surplus Revenue Act No. 4968 .. 50,178 7 4		Free and other Headworks .. 356 5 0		50,178 7 4
To Assist Sewerage Authorities .. 28,429 8 0				
	78,607 15 4			
Balance carried down	83,873 12 6			
	898,946 2 4			898,946 2 4
Interest paid—		Balance brought down		
By Waterworks Trusts and Local Governing Bodies .. 62,215 9 9		Amount debited by Treasury for Pensions and Gratuities		83,873 12 6
On Shepparton Drainage .. 24 2 4		National Security (Emergency Powers) Act (No. 4645)		16,018 18 0
„ Sale of Land .. 870 16 4				20 2 11
„ Installation of Fireplugs .. 53 12 9				
	63,164 1 2			
Plant and Machinery Account	1,390 5 4			
Balance carried down	35,318 1 1			
	99,872 7 7			99,872 7 7
Balance being amount borne by the State .. 1,231,919 5 6		Balance brought down		35,318 1 1
		Interest on Total Loan Liability .. 1,082,338 6 7		
		Exchange on Interest Payments .. 112,393 6 0		
		Loan Conversion Expenses .. 1,869 11 10		1,196,601 4 5
	1,231,919 5 6			1,231,919 5 6

ANALYSIS OF EXPENDITURE BORNE BY THE STATE, 1944-45.

Services of a National Character—	£	s.	d.
Maintenance and Management of Free Headworks	9,267	11	3
Maintenance River Murray Commission Works—Contribution by State of Victoria in accordance with the provisions of the River Murray Acts	11,700	0	0
Assistance to Sewerage Authorities under works suspended to meet Commonwealth requirements	11,291	0	0
Subsidies to Sewerage Authorities where interest paid on Capital Liability is in excess of the rate of 3 per cent.	17,138	8	0
Subsidies to Waterworks Trusts and Local Governing Bodies to enable a reduction of 33½ per cent. to be made in Water Rates	752	4	2
Expenses of Investigation by Committee on Town Water Supplies	138	4	0
Overdraft, Loddon United Waterworks Trust, consequent upon absorption of Trust by Commission. (To be recouped from new Districts in 1945-46)	677	2	7
Administration in respect of expenditure from other funds and defence works (including Salaries, Pay Roll Tax, &c.)	75,738	8	8
Rivers and Reclamation Division, River Gaugings, Diversions, Land Leasing, Surveys and Reports, Investigations	8,750	8	7
Underground Water			
Investigation mission to U.S.A. by Senior Divisional Engineer (Mr. E. D. Shaw) and Senior Executive Engineer, Plant and Equipment (Mr. H. H. C. Williams)	2,499	1	10
Irrigation Branch	1,231	16	10
Waterworks Trusts and Sewerage Authorities	2,481	16	10
Maintenance of Suspended Works (Rocklands Reservoir and Toolondo Main Channel) and Mullee Tanks	2,152	0	0
Loch Garry Flood Protection District—proportion of maintenance	159	16	7
Special Appropriation	3,602	7	3
Travelling—Minister and Commissioners	1,994	7	5
Miscellaneous Services, Concessions to Soldiers, Free Water for Research, Military Leave, &c.	2,171	16	9
Total (From Annual Vote, £147,787 18s. 6d.; Special Appropriation, £3,602 7s. 3d.; Surplus Revenue, £356 5s.)	151,746	10	9
Amount debited by Treasury for Pensions and Gratuities	16,018	18	0
National Security (Emergency Powers) Act (No. 4645)	20	2	11
	167,745	5	10
Less Revenue received from Free Headworks, £5,336 2s. 7d.; Diversion Permits, £18,361 15s. 9d.; Oncost on Expenditure from other funds and Recoups, £73,980 6s. 5d.; Grants by State in respect of Subsidies and Assistance to Sewerage Authorities, £28,429 8s.; and from Surplus Revenue, £356 5s.	126,466	17	9
	41,278	8	1
Interest on Capital Expenditure on Free Headworks and other Capital Expenditure borne by the State	886,236	16	7
Exchange on Overseas Interest Payments	112,393	6	0
Loan Conversion Expenses	1,869	11	10
	1,000,499	14	5
Less Interest on Lands sold, &c.	948	11	5
	999,551	3	0
Commission Districts—	1,040,829	11	1
Districts the Capital Liabilities of which have been adjusted under Acts Nos. 4513 and 5017—			
Surplus of Revenue over Operating Costs after allowing for Depreciation, £16,743 7s. 5d., and Redemption, £3,775 5s.	151,675	15	3
Less Current Interest—			
Paid	87,519	11	3
Forward unpaid	22,990	7	7
	110,509	18	10
	41,165	16	5
Districts supplied by direction of Governor in Council but which show excess Revenue over Operating Costs after allowing for Depreciation, £2,870 14s. 10d., and Redemption, £31 11s.—			
Surplus	16,623	16	7
Less Current Interest paid	4,286	13	7
	12,337	3	0
Total Surplus	53,502	19	5
Deduct Excess Expenditure in Districts supplied by direction of Governor in Council and showing excess Expenditure over Revenue inclusive of Interest, £17,699 2s. 6d., and Depreciation, £29,122 9s. 4d.	244,912	1	5
Net Deficit	191,409	2	0
Add amounts transferred from Revenue in respect of Depreciation paid in prior years	3,487	8	5
	194,896	10	5
Deduct Redemption paid to Revenue	3,806	16	0
	191,089	14	5
Net Expenditure borne by the State	1,231,919	5	6

CAPITAL EXPENDITURE 1944-45.

Expenditure during the year on Capital Works of Water Supply—
Ordinary Loan Funds (Details, pages 91-92) £ s. d. 315,729 1 0

LOAN CAPITAL LIABILITY.

Net Loan Liability of State for Works of Country Water Supply at 30th June, 1945	£	s.	d.	25,977,161	9	10
Represented by—	£	s.	d.	£	s.	d.
Works at Debit of Authorities—						
Commission Districts	1,137,714	1	2			
Water Supply Plant and Machinery Account	33,669	8	4			
Waterworks Trusts and Local Governing Bodies	1,312,924	8	3	2,484,307	17	9
Capital Expenditure Borne by the State—						
Free Headworks	1,234,161	5	6			
Capital Works and Charges not apportionable to Districts	1,382,921	7	10			
Headworks and Distributary Works	21,295,011	5	2			
Waterworks Trusts and Local Governing Bodies	1,729,347	15	10			
Free Grants to Local Authorities in early years	142,356	4	11	25,783,797	19	3
Net Loan Capital Liability of Commission's Districts, Debt Divisions, and Works under control of the Commission				28,268,105	17	0
Less Amount from National Debt Sinking Fund, being the difference between redemption recoup contributions paid by Districts, Waterworks Trusts, &c. (£403,309 13s. 6d.), and the amount (£2,694,603 2s. 7d.) contributed from Consolidated Revenue to the National Debt Sinking Fund (page 101)				2,291,293	9	1
				25,976,812	7	11
Add Cash on Hand at Treasury				349	1	11
Net Liability Country Water Supply Capital Account in Treasury				25,977,161	9	10

INTEREST AND EXCHANGE.

The Total Interest due on the Loan Liability for 1944-45 is	£	s.	d.	1,082,338	6	7
To which is to be added—						
Exchange payable on Overseas Interest				112,393	6	0
Loan Conversion Expenses				1,869	11	10
				1,196,601	4	5
Interest Debitable to—						
Works at Debit of Authorities—						
Commission Districts				132,495	14	11
Trusts				62,215	2	9
Water Supply Plant and Machinery Account				1,390	5	4
				196,101	3	0
Capital Expenditure Borne by the State—						
Free Headworks				42,420	8	7
Capital Works and Charges not apportionable to Districts				47,533	10	9
Headworks and Distributary Works not debited to Districts				731,949	4	8
Waterworks Trusts and Local Governing Bodies				59,440	18	3
Free Grants to Local Authorities in early years				4,893	1	4
				886,237	3	7
Exchange, £112,393 6s., and Loan Conversion Expenses, £1,869 11s. 10d., not apportioned				1,082,338	6	7
				114,262	17	10
				1,196,601	4	5

RECEIPTS AND DISBURSEMENTS.

STATEMENT of Moneys Received and Disbursed during the Year Ended 30th June, 1945.

Works.	Receipts (Exclusive of Credit for Urban Water).			Disbursements (Exclusive of Interest, Redemption and Depreciation Charges, and Charges for Rural Water).		
	Total.	Paid to Depreciation Fund.	Paid to Consolidated Revenue.	From Annual Vote and (a) Special Appropriation.	From Surplus Revenue, Act 4968.	Total.
	£ s. d.	£ s. d.	£ s. d.	£ s. d.	£ s. d.	£ s. d.
Commission's Districts—						
Coliban Works	49,156 2 6	8,298 0 0	41,198 2 6	41,682 9 0	6,721 2 1	48,403 11 1
Irrigation Districts	355,929 16 9	16,321 0 0	339,608 16 9	278,156 3 8	20,996 8 2	299,152 11 10
Irrigation Urban Divisions	7,067 12 5	.. .. .	7,067 12 5	3,882 11 2	27 11 10	3,910 3 0
Waterworks Districts	147,025 15 5	25,744 0 0	121,281 15 5	283,323 3 3	13,628 0 11	296,951 4 2
Waterworks Urban Districts	99,274 7 10	.. .. .	99,274 7 10	46,608 2 0	3,136 15 3	49,744 17 3
Flood Protection Districts	9,451 10 4	.. .. .	9,451 10 4	6,045 1 6	382 15 1	6,427 16 7
Drainage Districts	22,762 4 6	1,861 0 0	20,901 4 6	37,679 18 8	4,929 9 6	42,609 7 8
Total—Commission's Districts	691,007 9 9	52,224 0 0	638,783 9 9	697,377 9 3	49,822 2 4	747,199 11 7
Other Works and Services (not directly apportionable to Districts)—						
Free Headworks—						
Broken River Works .. .. .	.. .. .	.. .. .	.. .. .	1 13 9	128 13 4	130 7 1
Goulburn River Works	839 8 0	.. .. .	839 8 0	5,556 16 4	.. .. .	5,556 16 4
Kerang North-West Lakes Works	1,172 1 4	.. .. .	1,172 1 4	245 7 5	.. .. .	245 7 5
Kow Swamp Works	3,224 18 3	.. .. .	3,224 18 3	2,288 7 5	.. .. .	2,288 7 5
Lake Lonsdale Reservoir	30 12 0	.. .. .	30 12 0	119 19 5	85 11 4	205 10 9
Loddon River Works	69 3 0	.. .. .	69 3 0	444 10 5	.. .. .	444 10 5
Lower Wimmera Compensation Works .. .. .	.. .. .	.. .. .	.. .. .	396 11 10	.. .. .	396 11 10
Total—Free Headworks	5,336 2 7	.. .. .	5,336 2 7	9,053 6 7	214 4 8	9,267 11 3
Loch Garry (proportion of maintenance borne by State) .. .. .	.. .. .	.. .. .	.. .. .	34 14 7	125 2 0	159 16 7
Irrigation Branch .. .. .	.. .. .	.. .. .	.. .. .	1,231 16 10	.. .. .	1,231 16 10
Waterworks Trusts and Sewerage Authorities .. .. .	.. .. .	.. .. .	.. .. .	2,481 16 10	.. .. .	2,481 16 10
Rivers and Reclamation Division, Surveys, Investigations, &c. .. .. .	.. .. .	.. .. .	.. .. .	8,733 10 3	16 18 4	8,750 8 7
Investigation Mission to U.S.A. by Commission Engineers (2) .. .. .	.. .. .	.. .. .	.. .. .	2,499 1 10	.. .. .	2,499 1 10
Maintenance of Suspended Works, Mallee Tanks, &c. .. .. .	.. .. .	.. .. .	.. .. .	2,152 0 0	.. .. .	2,152 0 0
River Murray Commission—State Contribution towards Maintenance River Murray Works .. .. .	.. .. .	.. .. .	.. .. .	11,700 0 0	.. .. .	11,700 0 0
Special Appropriation Act No. 3801, Sections 19 and 20 .. .. .	.. .. .	.. .. .	.. .. .	(a) 3,602 7 3	.. .. .	3,602 7 3
Travelling—Minister and Commissioners .. .. .	.. .. .	.. .. .	.. .. .	1,994 7 5	.. .. .	1,994 7 5
Administration of Construction and Defence Works, Salaries, Pay Roll Tax, Workers' Compensation, General Expenditure, and Services to River Murray Commission, other Authorities, and Water Users	73,980 6 5	.. .. .	73,980 6 5	75,738 8 8	.. .. .	75,738 8 8
Exceptional—Assistance to Sewerage Authorities, Trusts, &c. .. .. .	.. .. .	.. .. .	.. .. .	29,996 18 9	.. .. .	29,996 18 9
Miscellaneous Services—Free water for research, concessions to soldiers, &c. .. .. .	.. .. .	.. .. .	.. .. .	2,171 16 9	.. .. .	2,171 16 9
Miscellaneous Collections—Diversion Permits, Rents, &c.	18,364 15 9	.. .. .	18,364 15 9	.. .. .	.. .. .	.. .. .
Total	92,345 2 2	.. .. .	92,345 2 2	(a) 3,602 7 3 138,734 11 11	142 0 4	142,478 19 6
Total—Other Works and Services	97,681 4 9	.. .. .	97,681 4 9	(a) 3,602 7 3 147,787 18 6	356 5 0	151,746 10 9
Grand Totals	788,688 14 6	52,224 0 0	736,464 14 6	848,767 15 0	50,178 7 4	898,946 2 4
Total Disbursements from Votes, Special Appropriation, and Surplus Revenue				£ s. d.	£ s. d.	£ s. d.
Net Receipts paid to Consolidated Revenue .. .. .	.. .. .	.. .. .	.. .. .	.. .. .	736,464 14 6	898,946 2 4
Grants from Revenue—						
Surplus Revenue .. .. .	.. .. .	.. .. .	.. .. .	50,178 7 4	.. .. .	.. .. .
To Assist Sewerage Authorities .. .. .	.. .. .	.. .. .	.. .. .	28,429 8 0	.. .. .	.. .. .
					78,607 15 4	815,072 9 10
Deficiency from Commission's Operations	.. .. .	.. .. .	.. .. .	.. .. .	.. .. .	83,873 12 6
Less Surplus from other debits and credits .. .. .	.. .. .	.. .. .	.. .. .	.. .. .	.. .. .	48,555 11 5
Deficiency chargeable to State exclusive of Interest, Exchange, and Loan Conversion Expenses (page 52) .. .. .	.. .. .	.. .. .	.. .. .	.. .. .	.. .. .	35,318 1 1
The expenditure on services of a National Character, not directly chargeable to water users included Maintenance and Management of Free Headworks, £9,267 11s. 3d.; Loch Garry Flood Protection District, proportion of maintenance, £159 16s. 7d.; Irrigation Branch, £1,231 16s. 10d.; Waterworks Trusts and Sewerage Authorities, £2,481 16s. 10d.; Rivers and Reclamation Division, Surveys and Reports, Diversions, Land Leasing, River Gaugings, River Works, £8,750 8s. 7d.; River Improvements, Underground Water Investigations, £175 11s. 3d.; Investigation Mission to U.S.A. by Commission Engineers (2), £2,499 1s. 10d.; Maintenance of Suspended Works—Rocklands Reservoir and Toolondo Main Channel, £1,136 12s. 9d.; Mallee Tanks, £1,015 7s. 3d.; River Murray Commission Works, £11,700; Special Appropriation Act No. 3801, £3,602 7s. 3d.; Travelling, Minister and Commissioners, £1,994 7s. 5d.; Administration in respect of expenditure from other funds and defence works (including Salaries, Pay Roll Tax, &c.), £75,334 8s. 11d., and Farm Water Supply Branch, £403 19s. 9d.; Assistance to Sewerage Authorities, £11,291; Subsidies to Sewerage Authorities, £17,138 8s., and Waterworks Trusts, £752 4s. 2d.; Town Water Supplies Committee, £138 4s.; Overdraft Loddon Trust, £677 2s. 7d.; Miscellaneous Services, Concessions to Soldiers, Free Water for Research, &c., £2,171 16s. 9d.; Total 151,746 10 9						
Additional Expenditure not included in above statement:—Amount debited by Treasury for Pensions and Gratuities 16,018 18 0						
National (Emergency Powers) Act No. 4645—Credit 20 2 11						
Against the foregoing expenditure there may be set off Revenue received from Free Headworks, £5,336 2s. 7d.; Diversion Permits, £18,364 15s. 9d.; Oncost on Expenditure from other funds, and Recoups £73,980 6s. 5d.; Grants by State in respect of subsidies and assistance to Sewerage Authorities, £28,429 8s., and from Surplus Revenue, £356 5s. 126,466 17 9						
Net Cost to the State for Services of a National Character 41,278 8 1						

COLIBAN SYSTEM.

CASH ACCOUNT.

STATEMENT of Moneys received and disbursed from 1st July, 1905, to 30th June, 1945; also of Interest charged at the rates of 3·725 per cent. on Capital Debits as at June, 1943, and 3 per cent. on Capital Debits subsequent to 30th June, 1943, and of Depreciation and Redemption charged for Financial Year 1944-45.

District.	Receipts.		Expenditure.							Accumulated—			
	Receipts.	Total 1905 to 30th June, 1945.	Operating Costs.	Interest.	Depreciation.	Redemption.	Total.	Total 1905 to 30th June, 1945.	Excess Receipts over Expenditure, 1944-45.	Excess Expenditure over Receipts, 1944-45.	Surplus Credited to District Account at 30th June, 1945.	Deficiency Chargeable to District Account at 30th June, 1945.	Deficiency Chargeable to State Account at 30th June, 1945 (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 ..	1,305 12 6	45,241 16 2	2,251 16 8	569 15 7	29 15 2	..	2,851 7 5	46,317 5 1	..	1,545 14 11	..	1,075 8 11	..
2. Marong ..	122 19 5	2,763 19 10	201 2 0	0 16 5	39 0 0	..	240 18 5	2,974 8 8	..	117 19 0	..	210 8 10	..
Totals ..	1,428 11 11	48,005 16 0	2,452 18 8	570 12 0	68 15 2	..	3,092 5 10	49,291 13 9	..	1,663 13 11	..	1,285 17 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, and 18th December, 1944, respectively, under the provisions of Section 6, <i>Water Act 1937</i> , No. 4513.)													
3. Axe Creek ..	200 12 4	10,412 19 8	268 16 0	116 11 1	..	..	385 7 1	11,596 14 10	..	184 14 9	..	983 8 1	200 7 1
4. Coliban ..	47,866 18 3	1,643,057 14 3	45,681 16 5	10,900 1 2	7,788 4 10	..	64,370 2 5	2,496,664 6 0	..	16,503 4 2	..	837,103 7 7	16,503 4 2
Totals ..	48,067 10 7	1,653,470 13 11	45,950 12 5	11,016 12 3	7,788 4 10	..	64,755 9 6	2,508,261 0 10	..	16,687 18 11	..	838,086 15 8	16,703 11 3
Grand Totals ..	49,496 2 6	1,701,476 9 11	48,403 11 1	11,587 4 3	7,857 0 0	..	67,847 15 4	2,557,552 14 7	..	18,351 12 10	..	839,372 13 5	16,703 11 3

IRRIGATION AND WATER SUPPLY DISTRICTS.

CASH ACCOUNT.

STATEMENT of Moneys received and disbursed from 1st May, 1906, to 30th June, 1945; also of Interest charged at the rates of 3·725 per cent. on Capital Debts as at 30th June, 1943, and 3 per cent. on Capital Debts subsequent to 30th June, 1943, and of Redemption and Depreciation charged for Financial Year 1944-45 (Free Headworks excluded).

District.	Receipts.			Expenditure.						Excess Receipts over Expenditure, 1944-45.	Excess Expenditure over Receipts, 1944-45.	Accumulated Surplus or Deficiency at 30th June, 1945.	
	Receipts.	Urban Water.	Total.	Total 1906 to 30th June, 1945.	Operating Costs.	(A) Interest. (B) Redemption.	Depreciation.	Total.	Total 1906 to 30th June, 1945.			(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.
1. Bacchus Marsh ..	2,928 11 8	673 0 0	3,601 11 8	171,005 5 10	5,234 11 2	(A) 2,669 16 6	18 0 0	7,922 7 8	202,647 7 3	..	4,320 16 0	(D) 31,642 1 5	..
2. Boort ..	7,128 19 6	..	7,128 19 6	150,671 10 10	10,747 8 4	(A) 527 13 7	27 0 0	11,302 1 11	156,878 12 6	..	4,173 2 5	(D) 6,207 1 8	..
3. Calivil ..	4,558 19 9	..	4,558 19 9	55,554 9 5	2,744 14 3	(A) 329 0 9	13 0 0	3,086 15 0	68,672 1 0	1,472 4 9	..	(D) 13,117 11 7	..
4. Campaspe ..	484 10 7	..	484 10 7	29,260 16 11	205 8 9	..	..	295 8 9	31,751 13 3	189 1 10	..	(D) 2,400 16 4	..
5. Cohuna ..	26,689 15 7	150 0 0	26,839 15 7	599,921 15 3	15,464 19 2	(A) 8,555 3 11	..	24,020 3 1	596,348 7 11	2,819 12 6	..	(S) 3,573 7 4	..
6. Deakin ..	5,740 10 6	5 0 0	5,745 10 6	168,342 4 6	3,636 16 0	(A) 1,055 16 5	..	4,692 12 5	164,680 16 3	1,052 18 1	..	(S) 3,661 8 3	..
7. Dingee ..	2,340 3 0	5 0 0	2,345 3 0	57,332 4 1	1,650 17 7	(A) 415 1 6	10 0 0	2,075 19 1	60,822 0 5	269 3 11	..	(D) 3,489 16 4	..
8. Kaiandra ..	4,421 5 11	..	4,421 5 11	39,140 14 0	2,560 1 11	(A) 540 12 0	12 0 0	3,112 13 11	65,108 16 5	1,308 12 0	..	(D) 25,968 2 5	..
9. Kerang ..	13,688 0 3	..	13,688 0 3	243,799 10 1	9,549 1 0	(A) 2,366 6 5	..	11,915 7 5	239,710 5 6	1,772 12 10	..	(S) 4,089 4 7	..
10. Koondrook ..	17,030 5 10	5 0 0	17,035 5 10	318,919 17 4	12,366 8 0	(A) 3,228 19 10	..	15,595 7 10	675,730 2 1	1,439 18 0	..	(D) 56,810 4 9	..
11. Maffra-Sak ..	21,470 17 11	138 0 0	21,608 17 11	296,687 7 1	12,525 0 10	(A) 6,493 19 7	130 0 0	19,149 0 5	223,623 5 11	2,459 17 6	..	(S) 13,064 1 2	..
12. Murray Valley ..	14,466 4 7	..	14,466 4 7	45,478 16 1	10,412 14 5	(A) 1,008 3 0	..	11,420 17 5	41,950 6 4	3,045 7 2	..	(S) 3,528 9 9	..
13. Mystic Park ..	1,578 17 11	..	1,578 17 11	25,179 2 4	2,899 0 4	(A) 247 19 3	..	3,146 19 7	30,859 4 1	..	1,568 1 8	(D) 5,680 1 9	..
14. North Shepparton ..	9,310 11 10	..	9,310 11 10	89,777 14 10	6,158 4 8	(A) 2,591 16 5	26 0 0	8,776 1 1	131,100 10 2	534 10 9	..	(D) 41,322 15 4	..
15. Rochester ..	28,161 9 1	20 0 0	28,181 9 1	608,729 17 10	16,072 9 4	(A) 7,136 7 0	117 0 0	23,325 16 4	36,175 17 3	4,855 12 9	..	(D) 27,445 19 5	..
16. Rodney ..	34,097 7 0	..	34,097 7 0	949,722 18 11	31,869 19 0	(A) 5,747 3 7	128 0 0	37,745 2 7	1,028,811 12 1	..	3,647 15 7	(D) 79,088 13 2	..
17. Shepparton ..	9,195 0 8	..	9,195 0 8	240,208 0 1	8,013 10 5	(A) 2,697 11 6	47 0 0	10,758 1 11	305,102 1 2	..	1,563 1 3	(D) 64,894 1 1	..
18. South Shepparton ..	2,696 19 4	..	2,696 19 4	48,598 10 0	2,644 4 7	(A) 648 6 10	10 0 0	3,302 11 5	351,766 6 10	..	605 12 1	(D) 3,167 16 10	..
19. Swan Hill ..	13,718 12 4	..	13,718 12 4	294,305 6 10	12,522 7 6	(A) 2,545 0 2	340 0 0	15,407 7 8	303,812 6 0	..	1,688 15 4	(D) 9,506 19 2	..
20. Third Lake ..	1,161 2 10	..	1,161 2 10	19,898 14 2	2,669 7 6	(A) 171 6 10	..	2,840 14 4	23,436 6 10	..	1,679 11 6	(D) 3,537 12 8	..
21. Tongala-Stanhope ..	25,280 4 10	43 0 0	25,323 4 10	410,076 6 1	11,887 8 2	(A) 5,399 1 8	106 0 0	17,392 9 10	491,854 6 8	7,930 15 0	..	(D) 75,778 0 7	..
22. Tragowel Plains ..	17,888 7 1	46 0 0	17,934 7 1	447,970 0 11	12,923 4 1	(A) 4,299 9 9	69 0 0	17,291 13 10	496,077 17 7	642 13 3	..	(D) 48,107 16 8	..
23. Werrabee ..	3,537 11 4	..	3,537 11 4	186,576 13 6	5,148 4 5	(A) 4,389 1 1	82 0 0	9,619 5 6	217,044 0 0	..	6,081 14 2	(D) 30,467 6 6	..
Totals ..	267,574 9 4	1,085 0 0	268,659 9 4	5,443,157 16 11	199,996 1 5	(A) 63,063 17 7	1,135 0 0	264,194 19 0	5,943,964 3 6	29,793 0 4	25,328 10 0	{ (D) 528,722 17 8 (S) 27,916 11 1 }	..

(S) = Surplus. (D) = Deficiency.

Note.—Irrigation and Water Supply Districts Cash Account continued on next page.

(S) = Surplus. (D) = Deficiency.

IRRIGATION AND WATER SUPPLY DISTRICTS—continued.

CASH ACCOUNT—continued.

STATEMENT of Moneys received and disbursed from 1st May, 1906, to 30th June, 1945; also of Interest charged at the rates of 3·725 per cent. on Capital Debts as at 30th June, 1943, and 3 per cent. on Capital Debts subsequent to 30th June, 1943, and of Redemption and Depreciation charged for Financial Year 1944-45 (Free Headworks excluded)—continued.

District.	Receipts.			Total. £ s. d.	Total 1906 to 30th June, 1945. £ s. d.	Expenditure.						Excess Receipts over Expenditure, 1944-45. £ s. d.	Excess Expenditure over Receipts, 1944-45. £ s. d.	Accumulated Surplus or Deficiency at 30th June, 1945.	
	Receipts. £ s. d.	Urban Water. £ s. d.	Total. £ s. d.			Operating Costs. £ s. d.	(A) Interest. (B) Redemption. £ s. d.	Depreciation. £ s. d.	Total. £ s. d.	Total 1906 to 30th June, 1945. £ s. d.	(D) Chargeable or (S) Credited to District Account. £ s. d.			Chargeable to State Account. (Inclusive of Column 12). £ s. d.	
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.		
24. Fish Point ..	888 1 4	..	888 1 4	15,065 2 1	1,835 10 10	..	..	1,835 10 10	10,096 6 8	..	947 0 6	(D) 3,133 13 2	957 11 5
25. Merbein ..	28,520 10 1	255 0 0	28,775 10 1	717,587 8 1	33,685 5 4	(A) 1,947 18 3	3,223 0 0	38,856 3 7	790,794 13 2	..	10,080 13 6	(D) 54,326 10 6	18,880 14 7		
26. Nyah ..	9,565 1 7	70 0 0	9,635 1 7	224,476 15 4	12,474 3 5	(A) 161 14 11	672 0 0	13,307 18 4	270,080 16 10	..	3,672 16 9	(D) 41,562 2 11	4,041 18 7		
27. Red Cliffs ..	45,796 1 7	464 0 0	46,260 1 7	824,901 6 11	44,349 14 11	(A) 1,715 1 4	8,929 0 0	54,993 16 3	874,473 10 10	..	8,733 14 8	(D) 39,681 5 7	9,890 18 4		
28. Treco ..	3,585 12 10	..	3,585 12 10	49,635 15 8	7,156 1 3	..	417 0 0	7,573 1 3	129,658 2 0	..	3,987 8 5	(D) 65,072 13 2	14,949 13 2		
Totals ..	88,355 7 5	789 0 0	89,144 7 5	1,831,606 8 1	99,500 15 9	(A) 3,824 14 6	13,241 0 0	116,566 10 3	2,084,103 9 6	..	27,422 2 10	(D) 203,776 5 4	48,720 16 1		
Grand Totals ..	355,929 16 9	1,874 0 0	357,803 16 9	7,274,764 5 0	299,496 17 2	(A) 66,888 12 1	14,376 0 0	380,761 9 3	8,028,067 13 0	29,793 0 4	52,750 12 10	{(D) 732,499 3 0 (S) 27,916 11 1}	48,720 16 1		

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

(S) = Surplus. (D) = Deficiency.

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, respectively, under the provisions of Section 6, *Water Act 1937*, No. 4513.)

URBAN DIVISIONS.

CASH ACCOUNT.

STATEMENT of Moneys received and disbursed from 1st May, 1906, to 30th June, 1945; also of Interest charged at the rates of 3·725 per cent. on Capital Debts as at 30th June, 1943, and 3 per cent. on Capital Debts subsequent to 30th June, 1943, and of Redemption and Depreciation Charged for Financial Year 1944-45. (Free Headworks excluded.)

Division.	Receipts.		Expenditure.						Accumulated.				
	2.	3.	4.	5.	6.	7.	Total.	Total 1906 to 30th June, 1945.	Excess Receipts over Expenditure 1944-45.	Excess Expenditure over Receipts 1944-45.	Surplus Credited to District Account at 30th June, 1945.	Deficiency Chargeable to District Account at 30th June, 1945.	Deficiency Chargeable to State Account at 30th June, 1945. (Inclusive of Column 11.)
1.	£ 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 ..	2,117 9 6	54,850 16 8	769 17 7	673 0 0	{(A) 379 5 2 (B) 51 13 6}	126 0 0	1,999 16 3	54,053 5 4	117 13 3	..	797 11 4	..	..
2. Cohuna ..	1,230 15 4	28,782 16 6	607 16 8	112 0 0	{(A) 119 11 10 (B) 8 7 8}	99 0 0	946 16 2	27,312 18 10	283 19 2	..	1,469 17 8	..	..
3. Lockington ..	218 6 5	6,145 6 2	179 2 0	20 0 0	{(A) 4 9 0 (B) ..}	61 0 0	264 11 0	5,592 5 8	..	46 4 7	553 0 6	..	..
4. Red Cliffs ..	2,468 17 9	39,643 18 2	1,649 18 11	214 0 0	{(A) 57 3 10 (B) 4 9 11}	193 0 0	2,118 12 8	36,195 3 3	350 5 1	..	3,448 14 11	..	..
Totals ..	6,035 9 0	129,422 17 6	3,206 15 2	1,019 0 0	{(A) 560 9 10 (B) 64 11 1}	479 0 0	5,329 16 1	123,153 13 1	751 17 6	46 4 7	6,269 4 5	..	..
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, respectively, under the provisions of Section 6, <i>Water Act 1917</i> , No. 4513.)													
5. Corop ..	15 5 0	963 6 11	7 3 2	5 0 0	..	6 0 0	18 3 2	999 2 3	..	2 18 2	..	26 8 7	9 6 9
6. Dungee ..	48 13 6	1,724 10 3	47 1 5	5 0 0	..	14 0 0	66 1 5	2,002 11 6	..	17 7 11	..	260 13 4	17 7 11
7. Heyfield ..	420 13 8	7,580 11 10	291 18 8	138 0 0	..	115 0 0	544 18 8	8,009 3 3	..	124 5 0	..	112 6 10	316 4 7
8. Leitchville ..	296 19 5	7,785 1 1	182 11 0	38 0 0	..	45 0 0	265 11 0	7,274 10 5	31 8 5	..	510 10 8	..	..
9. Murrabit ..	66 4 6	1,065 13 8	94 2 4	5 0 0	..	33 0 0	132 2 4	1,661 10 6	..	65 17 10	..	122 18 0	472 18 10
10. Stanhope ..	184 7 4	5,157 12 3	82 7 10	43 0 0	..	35 0 0	160 7 10	4,148 18 8	23 19 6	..	1,068 13 7	..	..
Totals ..	1,032 3 5	24,276 16 0	705 4 5	234 0 0	..	248 0 0	1,187 4 5	24,065 16 7	55 7 11	210 8 11	1,519 4 3	522 6 9	815 18 1
Grand Totals ..	7,067 12 5	153,690 13 6	3,911 19 7	1,253 0 0	{(A) 560 9 10 (B) 64 11 1}	727 0 0	6,517 0 6	147,249 9 8	807 5 5	256 13 6	7,788 8 8	522 6 9	815 18 1

URBAN DIVISIONS.

PROFIT AND LOSS ACCOUNT FOR FINANCIAL YEAR 1944-45.

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

Division.	Expenditure.					Profit and Loss.				
	Revenue Assessment.	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 1944-45.										
(A) Loss. (B) Gain.										
Total Loss as at 30th June, 1945.										
Total Gain as at 30th June, 1945.										
Totals										
1. Bacchus Marsh	£ s. d. 2,030 9 4	£ s. d. 1,442 17 7	£ s. d. 379 5 2	£ s. d. 126 0 0	£ s. d. 25 16 9	£ s. d. ..	£ s. d. 1,973 19 6	£ s. d. 56 9 10	£ s. d. ..	£ s. d. ..
2. Cohuna	£ s. d. 1,145 10 5	£ s. d. 719 16 8	£ s. d. 119 11 10	£ s. d. 99 0 0	£ s. d. 8 7 8	£ s. d. 1 15 9	£ s. d. 948 14 11	£ s. d. 196 15 6	£ s. d. ..	£ s. d. (A) 0 3 0
3. Lockington	£ s. d. 224 13 11	£ s. d. 199 2 0	£ s. d. 4 9 0	£ s. d. 61 0 0	£ s. d. 0 7 6	£ s. d. ..	£ s. d. 264 13 6	£ s. d. ..	£ s. d. 40 4 7	£ s. d. 3 9 1
4. Red Cliffs	£ s. d. 2,125 10 9	£ s. d. 1,363 18 11	£ s. d. 57 3 10	£ s. d. 193 0 0	£ s. d. 4 9 11	£ s. d. ..	£ s. d. 2,113 12 8	£ s. d. 6 18 1	£ s. d. ..	£ s. d. 11 14 3
Totals	£ s. d. 5,526 4 5	£ s. d. *4,225 15 2	£ s. d. 569 9 10	£ s. d. 479 0 0	£ s. d. 39 1 10	£ s. d. 1 15 9	£ s. d. 5,306 5 7	£ s. d. 260 3 5	£ s. d. 40 4 7	£ s. d. 15 3 4
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, respectively, under the provisions of Section 6, Water Act, 1937, No. 4513.)										
5. Corop	£ s. d. 16 12 2	£ s. d. 12 3 2	£ s. d. ..	£ s. d. 6 0 0	£ s. d. ..	£ s. d. ..	£ s. d. 13 3 2	£ s. d. ..	£ s. d. 1 11 0	£ s. d. ..
6. Dingee	£ s. d. 56 17 0	£ s. d. 52 1 5	£ s. d. ..	£ s. d. 14 0 0	£ s. d. ..	£ s. d. ..	£ s. d. 66 1 5	£ s. d. ..	£ s. d. 9 3 8	£ s. d. 24 15 5
7. Heyfield	£ s. d. 374 2 1	£ s. d. 429 18 8	£ s. d. ..	£ s. d. 115 0 0	£ s. d. ..	£ s. d. ..	£ s. d. 544 18 8	£ s. d. ..	£ s. d. 170 16 7	£ s. d. ..
8. Leitchville	£ s. d. 285 0 9	£ s. d. 220 11 0	£ s. d. ..	£ s. d. 45 0 0	£ s. d. ..	£ s. d. ..	£ s. d. 265 11 0	£ s. d. 19 9 9	£ s. d. ..	£ s. d. ..
9. Murrabit	£ s. d. 63 13 0	£ s. d. 99 2 4	£ s. d. ..	£ s. d. 33 0 0	£ s. d. ..	£ s. d. ..	£ s. d. 132 2 4	£ s. d. ..	£ s. d. 68 9 4	£ s. d. ..
10. Stanhope	£ s. d. 190 6 4	£ s. d. 125 7 10	£ s. d. ..	£ s. d. 35 0 0	£ s. d. ..	£ s. d. ..	£ s. d. 160 7 10	£ s. d. 29 18 6	£ s. d. ..	£ s. d. ..
Totals	£ s. d. 986 12 1	£ s. d. *939 4 5	£ s. d. ..	£ s. d. 243 0 0	£ s. d. ..	£ s. d. ..	£ s. d. 1,187 4 5	£ s. d. 49 8 3	£ s. d. 250 0 7	£ s. d. 24 15 5
Grand Totals	£ s. d. 6,512 16 6	£ s. d. *5,164 19 7	£ s. d. 560 0 10	£ s. d. 727 0 0	£ s. d. 39 1 10	£ s. d. 1 15 9	£ s. d. 6,493 10 0	£ s. d. 309 11 8	£ s. d. 290 5 2	£ s. d. 39 18 9

* Includes charges for water supplied from Rural Districts, £1,253.

WATERWORKS DISTRICTS.

CASH ACCOUNT.

STATEMENT of Moneys received and disbursed from 1st May, 1905, to 30th June, 1945; also of Interest charged at the rates of 3·725 per cent. on Capital Debts, as at 30th June, 1943, and 3 per cent. on Capital Debts subsequent to 30th June, 1943, and of Redemption and Depreciation charged for Financial Year 1944-45. (Free Headworks excluded.)

District.	Receipts.				Expenditure.								(s) Excess Receipts over Expenditure, (d) Excess Expenditure over Receipts, 1944-45.	Accumulated Surplus or Deficiency at 30th June, 1945.					
	Urban Water.		Total.		Total 1908 to 30th June, 1945.		Operating Costs.		Rural Water.		(A) Interest. (B) Redemption.			Depreciation.		Total.		Total 1908 to 30th June, 1945.	
	£ 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.	£ s. d.	£ s. d.	£ s. d.	(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.						
1. Bellarine Peninsula ..	9,257 3 0	..	9,257 3 0	80,616 3 5	5,084 2 6	..	{ (A) 3,100 15 8 (B) 211 9 6 (C) 2,360 14 11 (D) 161 1 4 }	..	8,396 7 8	82,182 5 8	(S) 880 15 4	(D) 1,565 17 3	..						
2. Mornington Peninsula ..	12,003 14 4	..	12,003 14 4	113,696 1 10	2,029 14 9	..	{ (A) 2,360 14 11 (B) 161 1 4 }	186 0 0	4,737 11 0	95,208 0 7	(S) 7,266 3 4	(S) 18,483 1 3	..						
3. Newstead ..	35 15 0	..	35 15 0	191 5 0	..	..	..	..	..	101 10 0	(S) 35 15 0	(S) 89 15 0	..	
4. Normanville ..	1,019 1 6	..	1,611 1 6	11,928 10 7	2,830 10 2	50 0 0	(A) 738 18 0	..	3,619 8 2	14,405 0 10	(D) 2,000 6 8	(D) 2,478 10 3	..						
5. Otway ..	9,509 1 0	..	9,509 1 0	45,249 6 3	1,707 15 8	..	{ (A) 3,436 4 4 (B) 1,723 14 3 (C) 147 10 0 }	2,143 6 8	9,106 1 4	51,926 12 6	(S) 402 19 8	(D) 6,677 6 3	..						
6. Werribee ..	588 0 10	..	588 0 10	16,507 15 2	191 10 6	..	(A) 147 10 0	..	339 9 6	17,567 7 8	(S) 243 11 4	(D) 1,059 12 6	..						
7. Western Wimmera ..	16,164 1 7	414 0 0	16,578 1 7	481,735 10 11	19,003 15 4	..	(A) 5,183 8 3	595 0 0	24,732 3 7	511,870 4 5	(D) 8,204 2 0	(D) 30,134 13 6	..						
8. Wimmera United ..	18,671 19 6	114 0 0	18,785 19 6	524,469 19 3	9,426 15 8	..	(A) 9,652 3 3	33 0 0	19,111 13 11	531,599 16 11	(D) 325 19 5	(D) 7,129 17 8	..						
Totals ..	67,848 16 9	528 0 0	68,376 16 9	1,274,392 17 5	40,364 13 7	50 0 0	{ (A) 24,619 14 5 (B) 2,006 5 6 }	2,062 6 8	70,093 0 2	1,304,860 18 7	{ (S) 8,814 4 8 (D) 10,530 8 1 }	{ (D) 49,045 17 5 (S) 18,577 16 3 }	..						
The Districts set out hereunder are those whose works will not produce sufficient revenue to cover the expense of the maintenance and management thereof, and where water supplies are being continued by direction of the Governor in Council. The annual amount of loss resulting from the maintenance and management of these districts has been transferred to the "Revenue Expenditure Chargeable to the State Account." (By authority of Orders in Council, dated 30th July, 1933, and 21st October, 1941, respectively, under the provisions of section 9, Water Act 1937, No. 4513.)																			
9. Birchip ..	3,840 14 2	115 0 0	3,955 14 2	139,874 7 1	5,434 5 9	..	(A) 909 18 1	..	6,364 3 10	172,378 17 6	(D) 2,408 19 8	(D) 39,093 10 9	2,408 19 8						
10. Carwarp ..	866 18 3	..	866 18 3	25,093 3 1	3,697 17 0	250 0 0	..	240 0 0	4,177 17 0	97,744 7 3	(D) 3,310 18 9	(D) 57,086 7 6	15,364 16 6						
11. Carwarp Central ..	177 14 7	10 0 0	187 14 7	3,337 11 3	475 5 3	..	..	20 0 0	495 5 3	6,576 14 0	(D) 307 10 8	(D) 2,199 4 2	1,043 18 7				
12. Coreena ..	1,089 17 3	..	1,089 17 3	8,822 1 0	6,558 10 5	..	(A) 215 6 8	795 0 0	7,353 10 5	53,660 15 4	(D) 53,660 15 4	(D) 23,374 10 4	21,464 4 0						
13. Hindmarsh ..	1,105 4 2	..	1,105 4 2	20,480 12 11	1,025 5 2	..	Credit	139 0 0	1,379 11 10	20,229 18 6	(D) 274 7 8	(S) 250 14 5	..						
14. Karkaroc ..	12,546 14 8	493 0 0	13,039 14 8	367,822 18 11	25,998 6 4	..	(B) 14 9 8	..	25,998 16 8	455,397 1 3	(D) 12,936 2 0	(D) 54,444 1 7	33,330 0 9						
15. Kerang ..	204 0 3	..	204 0 3	5,359 8 3	283 1 0	..	..	..	283 1 0	6,746 16 6	(D) 79 0 0	(D) 914 14 2	472 14 1			
16. Long Lake ..	7,390 6 10	312 0 0	7,702 6 10	267,900 13 1	15,430 13 5	..	(A) 280 3 7	175 0 0	15,985 17 0	341,033 13 3	(D) 8,183 10 2	(D) 51,592 16 8	21,540 3 6						
17. Milwewa ..	2,037 5 1	48 0 0	2,085 5 1	51,376 11 11	25,632 19 8	..	..	2,953 0 0	23,640 19 8	252,011 4 10	(D) 25,935 14 7	(D) 101,857 14 7	98,776 18 2				
18. Milwewa Central ..	1,537 1 10	36 0 0	1,573 1 10	27,170 18 1	15,766 3 8	..	..	1,224 0 0	16,990 3 8	137,193 12 11	(D) 15,417 1 10	(D) 55,903 8 10	74,134 6 0				
19. Sea Lake ..	6,668 18 10	331 0 0	6,999 18 10	253,240 12 11	15,215 12 11	..	..	..	15,215 12 11	299,619 19 7	(D) 8,215 14 1	(D) 37,808 17 2	8,570 9 6			
20. Tyntynder ..	6,574 10 1	174 0 0	6,748 10 1	174,217 14 3	33,493 15 2	..	..	21 0 0	33,514 15 2	378,161 4 9	(D) 26,766 5 1	(D) 134,981 3 7	68,962 6 11				
21. Tyntynder ..	5,040 9 1	86 0 0	5,126 9 1	231,893 15 3	27,189 7 9	..	..	43 0 0	27,232 7 9	396,036 11 3	(D) 21,511 18 8	(D) 73,736 11 6	90,356 4 6				
22. Tyrell West ..	10,132 10 1	836 0 0	10,968 10 1	113,671 16 9	56,438 4 1	..	(A) 0 1 0	223 0 0	56,666 5 1	41,096 5 8	(D) 45,697 14 9	(D) 124,416 17 7	131,007 11 4						
23. Upper Western Wimmera ..	3,996 4 10	180 0 0	4,176 4 10	132,461 12 9	5,597 2 4	..	..	..	5,597 2 4	136,262 19 8	(D) 1,430 17 6	(S) 7,619 10 7	1,420 17 6			
24. Upper Wimmera ..	5,962 8 1	94 0 0	6,056 8 1	215,153 7 5	6,640 17 5	..	(A) 2,254 0 3	..	8,594 17 3	222,631 10 10	(D) 2,838 9 7	(D) 4,639 13 10	2,838 9 7						
25. Walepu West ..	1,561 9 6	..	1,561 9 6	47,983 14 2	1,948 17 1	..	..	260 0 0	2,208 12 1	69,149 9 6	(D) 647 7 7	(D) 11,518 7 9	647 7 7				
26. Wycheproof ..	6,226 12 1	117 0 0	6,343 12 1	224,174 3 9	8,854 5 9	..	(A) 2,828 6 9	..	11,682 12 6	270,054 2 7	(D) 4,739 0 5	(D) 4,739 0 5	4,739 0 5						
27. Yelta ..	420 12 11	..	420 12 11	10,794 7 4	894 0 5	120 0 0	..	..	1,014 0 5	18,340 12 10	(D) 593 7 6	(D) 5,153 6 9	2,392 18 9				
Totals ..	79,179 2 10	2,826 0 0	82,005 2 10	2,320,629 10 4	236,586 10 7	370 0 0	{ (A) 6,437 16 4 (B) Cr. 14 9 8 }	6,133 0 0	269,562 17 3	3,758,330 18 0	(D) 187,557 14 5	{ (D) 815,905 5 4 (S) 7,870 5 0 }	629,666 7 4						
Grand Totals ..	147,027 19 7	3,354 0 0	150,381 19 7	3,395,022 7 9	206,951 4 2	420 0 0	{ (A) 31,107 10 9 (B) 2,081 15 10 }	9,095 6 8	339,655 17 5	5,063,191 16 7	{ (S) 8,814 4 8 (D) 198,088 2 6 }	{ (D) 864,951 2 9 (S) 26,448 1 3 }	629,666 7 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 30th July, 1938, and 21st October, 1941, respectively, under the provisions of section 6, *Water Act 1937*, No. 4313.)

9. Birechip ..	3,840 4 2	115 0 0	3,955 4 2	139,874 7 1	5,454 5 9	..	(A) 909 18 1	..	6,364 3 10	172,378 17 6	(D) 2,408 19 8	(D) 30,095 10 9	2,408 19 8
10. Carwarp ..	866 18 3	..	866 18 3	25,093 3 3	3,887 17 0	250 0 0	..	..	4,177 17 0	97,744 7 3	(D) 3,310 18 9	(D) 57,086 7 6	15,564 16 6
11. Carwarp Central ..	177 14 7	10 0 0	187 14 7	3,337 11 3	475 5 3	..	..	..	495 5 3	6,576 14 0	(D) 307 10 8	(D) 2,190 4 2	1,043 18 7
12. Coreena ..	1,089 17 3	..	1,089 17 3	8,822 1 0	6,558 10 5	..	(A) 215 6 8	..	7,853 10 3	58,660 15 4	(D) 6,263 13 2	(D) 28,374 10 4	21,461 4 0
13. Hindmarsh ..	1,105 4 2	..	1,105 4 2	20,480 12 11	1,025 5 2	..	(B) 14 9 8	..	1,379 11 10	20,229 18 6	(D) 274 7 8	(S) 250 14 5	..
14. Karkaroo ..	12,546 14 8	493 0 0	13,039 14 8	367,622 18 11	25,980 6 4	..	(A) 290 3 7	..	25,985 16 8	455,397 1 3	(D) 12,926 2 0	(D) 54,444 1 7	33,330 0 9
15. Karang North - West Lakes ..	204 0 3	..	204 0 3	5,359 8 3	283 1 0	..	(A) 290 3 7	..	283 1 0	6,746 16 6	(D) 79 0 9	(D) 914 14 2	472 14 1
16. Long Lake ..	7,390 6 10	312 0 0	7,702 6 10	267,900 13 1	15,430 13 5	..	(A) 290 3 7	..	15,885 17 0	341,038 13 3	(D) 8,183 10 2	(D) 51,592 16 8	21,540 3 6
17. Millewa ..	2,637 5 1	48 0 0	2,685 5 1	91,376 11 11	25,652 19 8	..	..	..	28,640 19 0	252,011 4 10	(D) 25,935 14 7	(D) 101,857 14 9	98,776 13 2
18. Millewa Central ..	1,537 1 10	36 0 0	1,573 1 10	27,170 18 1	15,766 3 8	..	..	..	16,990 3 8	157,198 12 11	(D) 15,417 1 10	(D) 55,903 8 10	74,124 6 0
19. Sea Lake ..	6,668 18 10	331 0 0	6,999 18 10	253,240 12 11	15,215 12 11	..	..	..	15,215 12 11	299,619 19 7	(D) 8,215 14 1	(D) 37,808 17 2	8,570 9 6
20. Tynnyader ..	6,574 10 1	174 0 0	6,748 10 1	171,217 14 3	33,493 15 2	..	..	..	33,514 15 2	378,161 4 9	(D) 26,766 5 1	(D) 134,981 3 7	68,962 6 11
21. Tyrell ..	5,640 9 1	80 0 0	5,720 9 1	231,893 15 3	27,189 7 9	..	..	..	27,232 7 9	396,036 11 3	(D) 21,511 18 8	(D) 73,786 11 6	90,356 4 6
22. Tyrell West ..	10,132 10 4	836 0 0	10,968 10 4	113,671 16 9	56,438 4 1	..	(A) 0 1 0	..	56,686 5 1	41,096 5 8	(D) 45,697 14 9	(D) 121,416 17 7	181,007 11 4
23. Upper Western Wimmera ..	3,996 4 10	180 0 0	4,176 4 10	132,461 12 9	5,597 2 4	..	..	..	5,597 2 4	126,262 19 8	(D) 1,420 17 6	(S) 7,619 10 7	1,420 17 6
24. Upper Wimmera ..	5,962 8 1	94 0 0	6,056 8 1	215,153 7 5	6,640 17 5	..	(A) 2,254 0 3	..	8,894 17 8	222,631 10 10	(D) 2,838 9 7	(D) 4,639 13 10	2,838 9 7
25. Walpeup ..	1,561 9 6	..	1,561 9 6	47,983 14 2	1,948 17 1	..	..	..	2,208 17 1	69,149 9 6	(D) 647 7 7	(D) 11,518 7 9	647 7 7
26. Walpeup West ..	6,826 12 1	117 0 0	6,943 12 1	224,174 3 9	8,814 5 9	..	(A) 2,824 6 9	..	11,682 12 6	270,054 2 7	(D) 4,739 0 5	(D) 41,449 18 5	4,739 0 5
27. Yelta ..	420 12 11	..	420 12 11	10,794 7 4	894 0 5	120 0 0	..	..	1,014 0 5	18,340 12 10	(D) 593 7 6	(D) 5,153 6 9	2,392 18 9
Totals ..	79,170 2 10	2,826 0 0	82,005 2 10	2,320,629 10 4	256,586 10 7	370 0 0	{ (A) 6,487 16 4 (B) 0 14 9 8 }	6,133 0 0	269,562 17 3	3,758,330 18 0	(D) 187,557 14 5	{ (D) 815,905 5 4 (S) 7,870 5 0 }	629,666 7 4
Grand Totals ..	147,027 19 7	3,354 0 0	150,381 19 7	3,595,022 7 9	296,951 4 2	420 0 0	{ (A) 31,107 10 9 (B) 2,081 13 10 }	9,095 6 8	339,655 17 5	5,063,191 16 7	{ (S) 8,814 4 8 (D) 108,088 2 6 }	{ (D) 864,951 2 9 (S) 20,448 1 3 }	629,666 7 4

(S) = Surplus. (D) = Deficiency.

WATERWORKS DISTRICTS.

PROFIT AND LOSS ACCOUNT FOR FINANCIAL YEAR 1944-45.

STATEMENT of Revenue Assessment (inclusive of Rate, Water Sales, Interest, Meter Rent, 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.			
	£	s.	d.	£	s.	d.	£	s.	d.	£	s.	d.
1. Bellarine Peninsula ..	9,170	19	10	5,084	2	6	3,100	15	8	8,396	7	8
2. Mornington Peninsula ..	12,212	5	9	2,029	14	9	2,360	14	11	7,442	4	0
3. Newstead ..	35	15	0	..	..	..	..	..	..	..	..	..
4. Normanville ..	2,720	19	1	2,880	10	2	738	18	0	..	..	..
5. Otway ..	9,632	4	6	1,797	15	8	3,436	4	4	1,110	0	3
6. Werribee ..	520	13	2	191	10	6	1,477	10	0	..	..	..
7. Western Wimmera ..	17,727	10	6	19,003	15	4	5,183	8	3	7,055	7	8
8. Wimmera United ..	20,811	13	4	9,426	15	8	9,652	3	3	1,699	11	1
Totals ..	72,832	1	2	40,414	13	7*	24,619	14	5	12,374	3	11
										£	s.	d.
										8,396	7	8
										4,770	1	0
										3,820	19	4
										7,388	13	3
										3,412	3	6
										24,732	18	2
										19,112	2	3
										63,623	5	2
										217	13	1
										603	4	1
										2,738	0	0
										24,619	14	5
										240	0	0
										20	0	0
										735	0	0
										139	0	0
										215	6	8
									
										909	18	1
										5,454	5	9
										3,937	17	0
										253	2	2
										1,487	1	4
										1,193	7	6
										13,555	2	6
										161	8	4
										10,537	2	6
										5,201	6	9
										3,555	0	9
										8,447	14	5
										15,706	3	8
										45,215	12	11
										33,493	15	2
										27,189	7	0
										36,438	4	1
										11,442	18	5
										5,597	2	4
										6,640	17	5
										2,041	14	5
										8,340	8	3
										551	8	4
										256,956	10	7*
										6,187	16	4
										8,871	0	0
										31,107	10	9
										297,371	4	2*
										102,262	15	5
										175,094	16	7
										677	2	7
										924	13	8
										603	4	1
										270,254	9	6
										167,991	14	1
										176,157	2	0
										12,374	3	11
										5,591	0	5
										27	9	11
										1,245	3	10
										27	11	5
										6,073	12	8
										1,293,084	7	2
										9,833	3	6
										37,319	8	5

* Includes charges for water supplied from Rural Districts, £420.

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.)

URBAN DISTRICTS.

CASH ACCOUNT.

STATEMENT of Moneys received and disbursed from 1st May, 1906, to 30th June, 1945; also of Interest charged at the rates of 3·725 per cent. on Capital Debts as at 30th June, 1943, and 3 per cent. on Capital Debts subsequent to 30th June, 1943, and of Redemption and Depreciation charged for Financial Year 1944-45 (Free Headworks excluded).

District.	Receipts.		Expenditure.					Accumulated.					
	2.	3.	4.	5.	6.	7.	8.	9.	10.	11.	12.	13.	14.
	£ s. d.	£ s. d.	£ s. d.	£ s. d.	(A) Interest. (B) Redemption.	Depreciation.	Total.	Total 1906 to 30th June, 1945.	Excess Receipts over Expenditure, 1944-45.	Excess Expenditure over Receipts, 1944-45.	Surplus Credited to District Account at 30th June, 1945.	Deficiency Chargeable to District Account at 30th June, 1945.	Deficiency Chargeable to State Account at 30th June, 1945. (Inclusive of Column 11.)
1. Allansford ..	178 16 6	571 5 3	66 19 0	..	{(A) 29 18 8 (B) 41 1 3	25 15 7	163 14 6	560 2 0	15 2 0	..	11 3 3	..	..
2. Antwerp ..	74 9 10	1,261 3 1	40 19 0	5 0 0	{(A) 9 13 1 (B) 1 7 0	2 0 0	58 19 1	1,062 0 4	15 10 9	..	199 2 9	..	..
3. Barwon Heads and Ocean Grove ..	1,511 18 1	21,392 16 2	1,308 14 4	..	{(A) 297 7 4 (B) 0 2 8 (B) 0 1 5	279 0 0	1,885 1 8	20,436 0 1	..	373 3 7	956 16 1	..	..
4. Berrillock ..	199 15 6	7,642 13 6	83 18 9	37 0 0	{(A) 107 19 1 (B) 7 9 6	16 0 0	137 2 10	7,432 15 11	62 12 8	..	209 17 7	..	..
5. Berwick ..	1,154 2 7	17,556 1 8	478 17 8	..	{(A) 12 0 7 (B) 0 18 2	263 0 0	857 6 3	16,249 16 10	296 16 4	..	1,306 4 5	..	..
6. Brim ..	179 10 3	6,204 15 11	97 6 8	35 0 0	{(A) 2,049 3 7 (B) 854 14 6 (B) 59 5 8	31 0 0	176 5 5	5,603 19 9	3 4 10	..	600 16 2	..	..
7. Camperdown ..	3,955 18 4	33,134 13 2	2,257 3 7	..	{(A) 480 19 6 (B) 21 15 10	638 0 0	4,944 7 2	29,455 16 0	..	988 8 10	3,678 17 2	..	..
8. Carrum ..	9,486 17 5	165,790 11 11	4,737 6 8	156 0 0	{(A) 59 5 8 (B) 1 12 1	2,340 0 0	8,147 6 10	168,745 14 4	1,339 10 7	..	575 10 10	2,935 2 5	..
9. Cobden ..	1,180 8 3	8,608 2 1	665 2 10	..	{(A) 83 12 11 (B) 5 15 1	155 0 0	1,301 2 4	8,032 11 3	..	120 14 1	416 8 10	..	..
10. Cranbourne ..	413 8 0	12,036 5 2	185 7 5	..	{(A) 1,922 16 4 (B) 131 0 2	101 0 0	309 15 4	11,619 16 4	103 12 8	..	188 2 9	..	..
11. Culgoa ..	246 1 6	8,641 9 10	90 6 7	33 0 0	{(A) 407 8 7 (B) 27 19 5	18 0 0	230 14 7	8,453 7 1	15 6 11	..	3,886 1 10	..	..
12. Dandenong ..	7,398 4 6	120,131 7 8	3,187 11 11	..	{(A) 174 0 8 (B) 458 9 2	1,455 0 0	6,696 7 5	125,245 5 10	701 17 1	..	2,232 8 3	..	..
13. Dimboona ..	2,356 8 7	64,908 11 10	824 15 6	349 0 0	{(A) 4,073 0 7 (B) 277 14 9	155 0 0	1,764 3 6	62,676 3 7	592 5 1	..	1,021 15 5	..	..
14. Dromana Portsea ..	7,904 4 7	35,342 13 2	2,819 19 0	..	{(A) 11 3 7 (B) 0 15 6	1,335 0 0	4,987 8 10	33,720 17 9	2,916 15 9	..	4,266 4 8	..	..
15. Frankston ..	*8,192 7 5	120,340 0 0	1,987 14 1	..	{(A) 213 18 1 (B) 14 17 0	1,118 0 0	7,456 9 5	116,073 15 4	735 18 0	..	341 14 2	..	..
16. Hicksborough ..	79 7 3	1,397 6 10	8 19 0	19 0 0	{(A) 346 1 6 (B) 23 14 3	6 0 0	45 18 1	1,055 12 8	33 9 2	..	1,026 5 8	..	..
17. Jeparit ..	917 5 6	27,751 1 9	270 15 2	180 0 0	{(A) 50 14 1 (B) 155 12 4	39 0 0	718 10 3	26,724 16 1	198 15 3	..	721 7 8	..	..
18. Longwarry ..	817 19 1	7,872 14 11	185 19 3	..	{(A) 113 7 4 (B) 8 0 9	113 0 0	668 15 0	7,151 7 3	149 4 1	..	425 8 4	..	..
19. Marnoo ..	224 13 6	6,664 10 1	203 17 4	17 0 0	{(A) 1,961 12 9 (B) 134 14 3	33 0 0	304 11 5	6,239 1 9	..	79 17 11	..	476 5 3	..
20. Merbein ..	1,679 4 9	35,690 8 8	1,326 11 0	135 0 0	{(A) 151 10 9 (B) 10 7 3	137 0 0	1,754 3 4	36,166 13 11	..	74 18 7	..	..	..
21. Minyip ..	694 6 5	27,927 17 5	382 19 5	44 0 0	{(A) 353 17 5 (B) 24 7 6	75 0 0	623 7 6	27,043 15 11	70 18 11	..	884 1 6	..	..
22. Mornington ..	6,108 16 9	95,725 17 8	2,179 7 3	..	{(A) 48 7 10 (B) 3 8 11	848 0 0	5,123 14 3	84,926 15 6	985 2 6	..	10,799 2 2	..	..
23. Natimuk ..	466 19 0	17,446 6 3	131 13 8	43 0 0	{(A) 603 16 2 (B) 283 7 7	50 0 0	386 11 8	16,956 15 4	80 7 4	..	489 10 11	..	..
24. Pakenham ..	1,361 2 0	19,602 7 8	325 4 0	..	{(A) 19 9 7 (B) 1 12 1	231 0 0	934 8 11	18,344 8 5	426 13 1	..	1,257 19 3	..	..
25. Pyramid Hill ..	472 10 11	11,675 4 3	185 9 8	46 0 0	{(A) 283 7 7 (B) 19 9 7	39 0 0	322 6 5	10,664 2 1	150 4 6	..	1,011 2 2	..	..
26. Queenscliff and Lonsdale ..	2,715 19 9	42,962 10 0	2,824 7 6	..	{(A) 283 7 7 (B) 19 9 7	514 0 0	3,942 3 8	42,560 1 1	..	1,226 3 11	402 8 11	..	..
27. Rainbow ..	981 13 1	34,568 14 0	288 1 4	168 0 0	{(A) 283 7 7 (B) 19 9 7	43 0 0	806 18 6	30,716 0 2	174 14 7	..	3,852 13 10	..	..

28. Rupanyup	583 3 10	24,856 17 11	404 1 11	53 0 0	(A)	154 19 3	24,371 5 4	85 17 4	485 12 7	..	..
29. Somerville	441 2 11	7,767 17 11	113 16 5	..	(A)	171 19 5	6,946 15 2	..	..	..	..
30. South Frankston	2,615 19 4	41,954 8 8	800 13 4	..	(B)	115 10 0	37,592 7 4	..	..	..	..
31. Spring Vale	11,361 8 9	99,754 14 3	2,803 8 4	..	(B)	66 1 7	81,365 2 8	..	..	..	..
32. Terang	2,701 15 5	20,289 3 0	1,256 7 3	..	(B)	284 2 4	19,630 5 4	..	..	..	..
33. Watchem	238 14 0	10,285 3 2	155 2 2	..	(A)	1,049 17 7	10,349 4 5	..	..	..	..
Totals	76,894 13 7	1,166,755 14 5	32,738 17 0	1,379 0 0	(A)	21,334 6 3	1,104,172 12 10	3,074 14 9	66,078 10 6	3,495 8 11	..

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

34. Anglesea	364 19 10	4,489 5 11	529 15 3	98 0 0	(A)	0 8 11	6,075 19 3	221 4 4	736 0 8	1,234 12 11	352 0 5
35. Beulah	533 4 1	17,918 15 6	289 6 3	115 0 0	(A)	0 2 6	17,182 14 10	..	..	..	360 13 4
36. Birchup	674 17 4	33,583 1 11	826 10 8	..	(B)	..	35,371 7 0	350 13 4	123 3 2	1,437 11 9	72 15 1
37. Birrihu	160 0 6	3,206 1 11	122 3 3	..	(B)	0 0 1	3,155 13 10	..	..	..	..
38. Bunyip	441 0 2	6,022 12 6	170 14 11	..	(A)	0 7 9	5,444 3 11	..	..	..	..
39. Carwarp	13 10 0	6,921 16 5	30 18 1	..	(A)	..	1,181 18 10	33 8 1	578 8 7	318 7 11	241 14 6
40. Chillingoliah	30 16 8	2,590 16 10	52 0 11	..	(A)	..	3,619 13 9	47 4 3	..	981 12 8	47 4 3
41. Chinkapook	93 11 10	2,972 5 2	115 1 1	..	(A)	..	3,497 11 0	73 9 3	..	226 2 3	299 3 7
42. Cris Point	462 12 7	8,287 14 0	328 16 2	..	(A)	87 3 9	8,353 12 1	82 7 4	16 9 3	..	82 7 4
43. Doon	41 14 0	5,557 8 4	7 5 11	..	(A)	0 10 3	6,007 1 6	..	..	..	..
44. Drysdale	631 2 8	5,362 13 10	453 4 10	..	(B)	0 11 8	4,749 1 6	..	613 12 4	49 13 2	..
45. Garfield	318 16 9	4,816 9 11	146 1 1	..	(A)	0 1 0	4,732 16 1	..	83 13 10	..	..
46. Hastings	401 11 9	7,126 15 6	263 1 11	..	(A)	0 6 4	7,444 6 1	..	844 4 9	317 10 5	..
47. Hopetoun	937 8 5	26,610 18 7	510 2 7	183 0 0	(A)	0 10 9	25,766 13 10	..	..	..	..
48. Jung Jung	125 10 10	4,254 15 3	123 18 11	..	(B)	0 1 0	4,922 19 2	57 9 1	..	..	108 0 0
49. Koondrook	335 11 3	13,197 18 2	894 10 0	..	(A)	..	15,710 10 0	622 18 9	..	131 15 6	181 5 8
50. Lake Boga	1,067 17 10	12,863 16 4	837 15 11	..	(A)	1 8 8	14,231 5 6	133 3 0	..	62 9 10	312 16 9
51. Lalbert	213 1 8	6,823 5 10	779 5 11	..	(A)	4 17 1	7,869 10 5	375 0 11	491 11 2	36 13 8	375 0 11
52. Lascelles	149 9 6	5,351 4 9	134 19 6	..	(A)	0 9 6	5,820 4 6	682 1 4	..	..	404 7 3
53. Mauaungatang	508 2 6	11,601 10 2	246 11 1	128 0 0	(B)	62 10 8	11,147 13 10	35 19 6	453 16 4	442 0 3	35 19 6
54. Meringur	50 12 6	2,033 3 2	87 12 0	..	(A)	0 2 7	2,346 4 4	77 2 1	..	..	..
55. Nandaly	80 13 6	2,452 8 7	168 14 7	..	(A)	0 1 11	2,827 14 10	133 3 0	..	..	181 5 8
56. Newsread	403 14 8	6,453 5 7	722 1 8	..	(A)	65 13 11	6,865 2 2	375 0 11	..	..	312 16 9
57. North Wonthaggi	406 11 8	7,416 14 1	134 6 8	190 0 0	(A)	..	8,925 2 11	..	..	..	375 0 11
58. Nullawill	115 17 6	4,195 6 10	111 6 1	..	(A)	10 9 3	4,188 18 10	38 17 10	45 5 10	..	38 17 10
59. Nyah	174 16 8	12,973 0 5	367 11 10	..	(A)	..	2,984 3 0	40 15 2	29 12 7	..	40 15 2
60. Nyah West	663 5 10	14,837 2 4	348 4 7	..	(A)	1 17 2	14,441 5 6	..	1,037 5 4	..	..
61. Ouyen	1,988 8 7	49,889 16 9	1,079 19 4	600 0 0	(B)	0 4 8	48,852 11 5	..	..	..	..
62. Pathewollock	195 9 6	3,552 9 7	121 0 0	..	(A)	0 1 0	3,263 5 6	7 11 6	296 15 7	..	7 11 6
63. Piangli	243 4 11	8,815 17 11	196 15 0	..	(A)	1 3 6	8,944 7 2	5 13 1	..	..	196 15 0
64. Portarlington	565 4 11	6,001 17 2	877 3 11	..	(A)	0 2 0	6,247 8 9	508 0 6	..	..	847 2 5
65. Quambatook	750 7 2	6,000 7 3	262 18 16	..	(A)	57 9 0	6,247 8 9	..	412 18 6	1,826 2 1	..
66. Sea Lake	157 13 10	28,387 9 0	483 11 11	128 0 0	(A)	0 2 3	27,625 19 2	..	1,312 7 9	..	..
67. Speed	169 1 3	2,809 6 9	105 13 6	..	(A)	0 10 7	3,025 19 2	..	..	..	..
68. Tempy	110 19 3	2,857 4 10	105 13 6	..	(A)	0 10 5	3,025 19 2	56 4 9	217 12 5	217 12 5	..
69. Torquay	619 4 5	12,857 19 7	773 17 1	..	(A)	0 14 7	13,631 15 4	322 13 10	47 13 2	47 13 2	..
70. Ultima	431 3 11	5,586 8 4	249 4 8	..	(A)	..	2,949 4 3	62 15 5	..	..	389 13 10
71. Watchie	173 8 15	5,045 15 2	173 8 15	..	(A)	33 11 7	5,863 12 10	52 14 10	..	..	327 0 10
72. Wapreup	215 16 6	5,364 15 2	173 8 15	..	(A)	22 16 8	5,863 12 10	47 12 2	58 12 11	1,121 14 1	241 0 10
73. Werriwul	74. Wonthaggi	134,968 16 11	2,542 12 3	..	(B)	22 16 8	131,887 14 7	..	3,081 2 4	435 10 4	52 14 10
75. Woornelaug	446 17 0	21,080 11 3	246 0 6	133 0 0	(A)	0 7 3	21,271 7 9	..	..	..	..
76. Woorhen	280 0 2	2,934 0 1	94 5 7	58 0 0	(B)	22 12 10	3,289 3 2	..	..	..	..
77. Wycheproof	728 2 3	28,773 13 8	581 6 5	94 0 0	(B)	17 16 6	28,965 1 1	70 4 2	..	151 3 3	70 4 2
78. Yaapeet	106 6 10	2,209 9 5	72 5 9	15 0 0	(A)	0 2 3	2,361 7 10	..	..	151 18 5	..
Totals	20,742 10 1	548,636 17 9	16,659 18 4	2,741 0 0	(A)	655 13 0	559,268 13 8	3,984 11 3	10,605 17 9	13,327 18 4	7,889 15 4
Grand Totals	99,637 3 8	1,715,412 12 2	49,398 15 4	4,120 0 0	(B)	21,980 19 3	1,663,441 6 6	7,059 6 0	76,684 8 3	16,823 7 3	7,889 15 4

* Includes Urban Water—Frankston, £156; Wonthaggi, £299.
† Includes Capitalized Interest (Alansford), £31 9s. 1d.

URBAN DISTRICTS.

PROFIT AND LOSS ACCOUNT FOR FINANCIAL YEAR 1944-45.

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

District.	Expenditure.						Profit and Loss.						
	Revenue Assessment.	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 1944-45. (A) Loss. (B) Gain.	Total Loss as at 30th June, 1945.	Total Gain as at 30th June, 1945.
	£ 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 ..	169 10 7	66 19 0	29 18 8	20 0 0	33 10 10*	..	150 8 6	19 2 1	..	..	..	..	33 4 2
2. Antwerp ..	59 18 3	45 19 0	9 13 1	2 0 0	0 13 6	..	58 5 7	1 12 8	..	..	(A) 4 16 8	..	208 0 10
3. Barwon Heads and Ocean Grove ..	1,578 19 10	1,308 14 4	297 7 4	279 0 0	20 12 9	..	1,905 14 5	..	326 14 7	..	..	..	1,535 15 5
4. Berrillock ..	207 9 7	120 18 9	0 2 8	16 0 0	0 1 5	..	137 2 10	70 6 9	..	15 8 0	..	..	228 2 1
5. Berwick ..	1,068 4 6	478 17 8	107 19 1	263 0 0	7 9 6	..	857 6 3	210 18 3	..	..	(B) 0 12 6	..	1,549 19 4
6. Brim ..	200 8 6	132 6 8	12 0 7	31 0 0	0 18 2	..	176 5 5	24 3 1	..	..	(B) 8 5 9	..	700 16 4
7. Camperdown ..	4,238 0 7	2,257 3 7	2,049 3 7	638 0 0	139 15 6	..	5,084 2 8	..	846 2 1	5 5 3	..	..	4,038 15 6
8. Carrum ..	9,584 13 1	4,893 6 8	854 14 6	2,340 0 0	59 5 8	1 1 4	8,148 8 2	1,436 4 11	..	65 9 0	..	1,372 9 4	..
9. Cobden ..	1,158 10 8	665 2 10	480 19 6	155 0 0	32 17 3	..	1,333 19 7	..	175 8 11	2 19 6	..	..	724 4 7
10. Cranbourne ..	438 13 0	185 7 5	21 15 10	101 0 0	1 12 1	..	309 15 4	128 17 8	..	..	..	..	442 10 6
11. Culgoa ..	237 0 2	123 6 7	83 12 11	18 0 0	5 15 1	..	230 14 7	6 5 7	..	9 16 0	..	..	259 3 3
12. Dandenong ..	8,201 19 10	3,187 11 11	1,922 15 4	1,455 0 0	131 0 2	..	6,696 7 5	1,505 12 5	..	17 8 10	(B) 0 0 3	..	5,467 6 1
13. Dimboola ..	2,265 7 11	1,173 15 6	407 8 7	155 0 0	27 19 5	..	1,764 3 6	501 4 5	..	..	..	..	2,551 8 1
14. Dromana-Portsea ..	7,910 16 3	2,819 19 0	174 0 8	1,535 0 0	11 17 0	11 19 2	4,552 15 10	3,358 0 5	..	73 6 11	(A) 450 9 7	..	2,493 1 7
15. Frankston ..	8,432 12 2	1,987 14 1	4,073 0 7	1,118 0 0	277 14 9	3 4 2	7,459 13 7	972 18 7	..	38 17 5	(B) 8 19 4	..	5,925 10 7
16. Hicksborough ..	76 9 7	27 19 0	11 3 7	6 0 0	0 15 6	..	45 18 1	30 11 6	..	0 17 0	..	..	430 0 2
17. Jeparit ..	808 16 2	450 15 2	213 18 1	39 0 0	14 17 0	..	718 10 3	90 5 11	..	5 6 6	..	..	1,131 18 1
18. Longwarry ..	836 13 8	185 19 3	346 1 6	113 0 0	23 14 3	..	608 15 0	167 18 8	..	16 16 4	..	..	877 11 1
19. Marnoo ..	221 18 3	220 17 4	50 14 1	33 0 0	3 11 0	..	308 2 5	..	86 4 2	..	..	..	471 6 3
20. Merbein ..	1,654 2 3	1,461 11 0	155 12 4	137 0 0	10 17 0	..	1,765 0 4	..	110 18 1	14 1 0	(A) 1 9 6	176 7 8	..
21. Minyip ..	720 11 8	426 19 5	113 7 4	75 0 0	8 0 9	..	623 7 6	97 4 2	..	..	(B) 2 10 4	..	1,051 13 9
22. Murrington ..	6,318 12 4	1,833 11 11	1,961 12 9	848 0 0	134 14 3	1 16 0	4,779 14 11	1,538 17 5	..	11 6 6	(A) 345 18 6	..	11,538 5 3
23. Natimuk ..	423 1 3	174 13 8	151 10 9	50 0 0	10 7 3	..	386 11 8	36 9 7	..	0 5 0	..	..	612 10 4
24. Pakenham ..	1,294 7 0	325 4 0	353 17 5	231 0 0	24 7 6	..	934 8 11	359 18 1	..	..	(B) 0 7 6	..	1,450 1 10
25. Pyramid Hill ..	473 1 3	231 9 8	48 7 10	39 0 0	3 8 11	..	322 6 5	150 14 10	..	1 6 8	..	..	1,235 9 9
26. Queenscliff and Point Lonsdale ..	2,774 7 9	2,824 7 6	603 16 2	514 0 0	41 15 2	..	3,983 18 10	..	1,209 11 1	0 6 8	(B) 0 3 4	..	738 16 2

27. Rainbow ..	940 19 5	456 1 4	283 7 7	48 0 0	19 9 7	..	806 18 6	134 0 11	..	7 7 6	11 0 5	..	4,001 2 8
28. Rupanyp ..	672 9 0	457 1 11	154 19 3	57 0 0	10 15 4	..	679 16 6	..	..	7 7 6	..	..	601 8 2
29. Somerville ..	429 17 5	113 16 5	171 19 5	59 0 0	11 15 10	..	356 11 8	73 5 9	..	..	..	..	872 13 5
30. South Frankston ..	2,760 11 8	1,069 9 6	938 18 10	312 0 0	66 1 7	..	2,406 9 11	354 1 9	..	..	..	..	4,806 17 6
31. Spring Vale ..	11,920 1 10	2,803 8 4	4,175 15 11	865 0 0	284 2 4	..	8,128 6 7	3,791 15 3	..	..	..	..	22,682 5 2
32. Terang ..	2,669 4 0	1,256 7 3	1,049 17 7	506 0 0	72 0 10	..	2,884 5 8	..	..	215 1 8	2 11 0	..	744 0 1
33. Watchem ..	280 3 1	214 2 2	4 12 11	35 0 0	0 8 3	..	254 3 4	25 19 9	..	..	23 3 0	..	44 11 4
Totals ..	81,027 12 6	33,980 17 10†	21,334 6 3	12,093 0 0	1,492 5 5	18 0 8	68,918 10 2	15,086 10 5	2,977 8 1	389 2 7	{ (A) 814 16 6 } { (B) 232 18 0 }	1,548 17 0	79,148 9 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 "Revenue Expenditure Chargeable to the State Account". (By Authority of Orders in Council dated 30th July, 1938, 9th December, 1940, and 18th December, 1941, respectively, under the provisions of Section 6, *Water Act, 1937*, No. 4313).

34. Anglesea ..	373 6 8	529 15 3	0 8 11	56 0 0	0 1 0	..	586 5 2	51 14 2	212 18 6	6 14 6	(A) 8 2 5 (B) 0 7 6	1,580 12 11	980 4 9
35. Beulah ..	462 2 11	387 6 3	0 2 6	23 0 0	..	..	410 8 9	..	..	41 8 3	..	1,787 9 7	..
36. Birchip ..	729 11 8	941 10 8	..	84 0 0	..	..	1,025 10 8	16 5 0	295 19 0	..	..	..	209 5 7
37. Bittern ..	172 14 5	122 3 3	0 6 2	34 0 0	..	..	156 9 5	91 8 3	..	..	..	..	812 17 3
38. Bunyip ..	406 10 11	170 14 11	0 6 9	144 0 0	..	..	315 2 8	9 3 0	..	..	..	..	270 18 6
39. Carwar ..	56 1 1	40 18 1	..	6 0 0	..	..	46 18 1	..	..	..	..	..	..
40. Chillingollah ..	131 3 4	70 0 11	..	8 0 0	..	..	167 0 11	53 2 5	70 4 11	..	..	67 15 2	..
41. Chinkapook ..	96 16 2	328 16 2	87 3 9	129 0 0	6 0 4	0 10 0	551 10 3	16 12 5	90 3 10	21 3 0	..	485 16 7	238 19 11
42. Crib Point ..	461 6 5	10 5 11	0 10 3	11 0 0	..	..	21 16 2	..	..	7 11 6	..	27 5 10	744 15 2
43. Doon ..	38 8 7	10 5 11	0 11 8	83 0 0	0 1 0	..	536 17 6	26 18 2	..	1 16 0	..	..	165 17 2
44. Drysdale ..	563 18 8	453 4 10	0 6 4	111 0 0	..	..	257 17 5	35 12 1	108 13 6	2 7 3	(B) 136 19 2 { (A) 1 18 9 } { (B) 1 16 9 }	287 2 8	..
45. Garfield ..	293 9 6	146 11 1	0 6 4	161 0 0	0 1 0	..	501 4 10	128 2 3	..	17 10 2	..	..	1,277 1 8
46. Hastings ..	392 11 4	340 1 1	0 3 9	61 0 0	..	..	734 14 4	..	..	..	..	..	..
47. Hopetoun ..	882 16 7	693 2 7	0 10 9	61 0 0	..	..	..	..	..	..	..	..	..
48. Jung Jung ..	121 18 6	137 18 11	0 1 0	45 0 0	..	..	182 19 11	..	61 1 5	3 18 3	..	769 19 6	..
49. Koondrook ..	338 19 4	894 10 0	1 8 8	64 0 0	0 2 5	..	958 10 0	..	619 10 8	17 4 1	(A) 0 2 0 (B) 0 4 0	2,587 12 5	..
50. Lake Boga ..	1,095 5 10	1,067 15 11	4 17 1	42 0 0	0 6 9	..	1,077 7 0	..	22 1 2	..	..	1,378 11 7	..
51. Lalbert ..	231 9 10	818 5 11	0 6 2	31 0 0	..	..	865 9 9	..	633 19 11	0 12 2	..	876 6 11	..
52. Laeslles ..	145 12 11	163 19 6	0 6 8	31 0 0	4 6 6	..	185 9 9	..	39 16 1	10 7 10	..	378 18 9	739 2 11
53. Manangatang ..	374 11 1	374 11 1	62 10 8	33 0 0	..	..	474 8 2	..	63 4 9	..	..	..	112 11 0
54. Meringur ..	100 1 10	123 12 0	0 2 7	13 0 0	..	..	136 14 7	..	36 12 9	..	..	296 4 7	..
55. Nandaly ..	74 4 1	304 14 7	65 13 11	9 0 0	4 11 1	..	843 6 8	..	139 12 5	..	..	472 15 1	..
56. Newstead ..	345 17 1	224 6 1	10 9 3	14 0 0	0 15 10	..	208 6 8	77 10 5	39 0 2	3 16 0	..	1,325 2 9	..
57. North Wonthaggi ..	116 11 0	134 6 1	..	10 0 0	..	..	155 11 2	..	32 17 7	..	..	..	39 9 1
58. Nullawil ..	182 14 9	401 4 17	..	31 0 0	..	..	517 4 7	138 8 4	..	..	..	..	83 18 9
59. Nyah West ..	1,679 19 4	1,679 19 4	1 17 2	110 0 0	0 4 8	..	1,703 1 2	16 3 6	18 10 9	28 13 6	..	..	996 2 6
60. Nyah ..	1,809 4 8	186 0 0	0 1 0	52 0 0	..	..	203 1 0	27 8 3	..	24 6 2	..	..	2,200 8 8
61. Ouyen ..	276 6 8	376 18 0	1 3 6	19 0 0	0 1 10	..	248 15 3	60 3 0	584 17 3	18 17 0	(B) 6 10 7	2,860 11 10	284 9 1
62. Pachelwollock ..	488 10 0	377 18 16	0 2 0	19 0 0	4 2 0	..	389 0 6	..	..	37 12 4	..	..	562 16 3
63. Pongli ..	746 6 6	921 15 11	0 2 3	75 0 0	..	..	142 17 0	..	67 5 0	271 10 8	..	138 16 2	1,525 14 5
64. Portarlington ..	108 12 9	124 15 5	0 10 2	17 0 0	..	..	142 17 0	..	58 12 10	107 7 8	..	1,018 14 0	152 16 3
65. Quambatook ..	176 12 9	124 15 5	0 10 2	17 0 0	0 3 11	..	972 2 2	..	32 7 0	..	..	174 17 11	..
66. Sea Lake ..	108 12 9	124 15 5	0 10 2	17 0 0	..	..	972 2 2	..	122 4 1	..	(B) 1 9 0	479 18 9	..
67. Speed ..	304 16 8	300 4 8	0 10 5	26 0 0	..	..	48 15 4	..	62 12 4	5 9 8	..	..	303 2 0
68. Tempy ..	669 13 10	770 19 4	0 14 7	18 0 0	..	..	226 8 3	18 7 7	..	131 16 8	..	..	67 5 11
69. Torquay ..	163 10 11	212 8 8	0 1 0	42 0 0	22 16 8	..	263 8 8	168 7 7	..	106 2 11	..	149 5 11	3,671 11 4
70. Uffina ..	251 16 3	251 16 3	0 17 3	364 0 0	1 10 9	..	3,241 0 8	14 8 7	18 10 1	43 4 0	(B) 1 14 0	..	32 18 9
71. Watchem ..	3,428 16 4	379 8 7	22 12 10	143 0 0	..	..	206 12 8	..	32 6 3	..	..	..	67 9 11
72. Warrnambool ..	438 16 4	152 6 7	0 2 3	18 0 0	..	..	798 6 5	..	22 10 10	..	..	..	41 6 5
73. Wonthaggi ..	766 0 2	87 5 9	0 2 3	18 0 0	..	..	165 8 0	..	..	..	..	..	..
74. Woorin ..	80 17 2	19,537 17 6†	635 13 0	2,807 0 0	45 5 9	14 13 6	23,060 9 9	949 15 0	4,134 8 6	928 14 7	{ (A) 10 10 8 } { (B) 148 15 3 }	15,793 16 2	17,696 12 9
75. Wychebrook ..	100,903 8 9	53,518 15 4†	21,989 19 3	14,900 0 0	1,537 11 2*	32 14 2	91,978 10 11	16,036 5 5	7,111 16 7	1,267 17 2	{ (A) 825 7 2 } { (B) 381 13 3 }	17,342 13 2	96,845 2 1
76. Yacopeet ..	..	..	..	..	..	..	..	..	..	..	..	..	..
77. Yacopeet ..	..	..	..	..	..	..	..	..	..	..	..	..	..
78. Yacopeet ..	..	..	..	..	..	..	..	..	..	..	..	..	..
Totals ..	19,875 16 3	19,537 17 6†	635 13 0	2,807 0 0	45 5 9	14 13 6	23,060 9 9	949 15 0	4,134 8 6	928 14 7	{ (A) 10 10 8 } { (B) 148 15 3 }	15,793 16 2	17,696 12 9
Grand Totals ..	100,903 8 9	53,518 15 4†	21,989 19 3	14,900 0 0	1,537 11 2*	32 14 2	91,978 10 11	16,036 5 5	7,111 16 7	1,267 17 2	{ (A) 825 7 2 } { (B) 381 13 3 }	17,342 13 2	96,845 2 1

* Allansford—Includes Capitalized Interest, £31 9s. 1d.

† Includes charges for water supplied from Rural Districts, £4,120.

DRAINAGE DISTRICTS.

CASH ACCOUNT.

STATEMENT of Moneys received and disbursed from 1st July, 1937, to 30th June, 1945; also of Depreciation charged for Financial Year 1944-45.

District.	Receipts.		Expenditure.				Excess Receipts over Expenditure, 1944-45.	Excess Expenditure over Receipts, 1944-45.	Accumulated		
	Receipts.	Total, 1937, to 30th June, 1945.	Operating Costs.	Depreciation.	Total.	Total, 1937 to 30th June, 1945.			Surplus Credited to District Account at 30th June, 1945.	Deficiency Chargeable to District Account at 30th June, 1945.	Deficiency Chargeable to State Account at 30th June, 1945 (Inclusive of Column 9).
1.	2.	3.	4.	5.	6.	7.	8.	9.	10.	11.	12.
	£ s. d.	£ s. d.	£ s. d.	£ s. d.	£ s. d.	£ s. d.	£ s. d.	£ s. d.	£ s. d.	£ s. d.	£ s. d.
1. Carrum	2,485 1 10	10,010 13 6	2,838 2 0	..	2,838 2 0	10,541 10 3	..	353 0 2	..	530 16 9	..
Total	2,485 1 10	10,010 13 6	2,838 2 0	..	2,838 2 0	10,541 10 3	..	353 0 2	..	530 16 9	..
<p>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, <i>Water Act 1937</i>, No. 4513.)</p>											
2. Cohuna	1,928 9 5	12,077 9 3	4,192 4 3	..	4,192 4 3	17,573 16 4	..	2,263 14 10	..	440 18 2	4,455 8 11
3. Kerang East	1,455 13 6	7,925 7 5	604 2 7	..	604 2 7	7,323 4	851 10 11	..	302 2 10	..	..
4. Maffra-Sale	1,318 16 10	7,967 13 4	3,687 12 8	..	3,687 12 8	15,958 14 0	..	2,338 15 10	..	2,505 4 11	5,485 15 9
5. Merbein	1,509 12 5	12,037 8 0	1,407 10 7	535 0 0	1,942 10 7	13,353 10 6	..	342 18 2	..	632 15 6	683 7 0
6. Murrabit	264 4 7	587 16 6	181 16 7	..	181 16 7	1,604 6 11	82 8 0	..	80 6 3	..	1,096 16 8
7. Nyah	186 19 8	455 5 11	79 13 2	95 0 0	174 13 2	534 7 6	..	7 13 6	..	..	79 1 7
8. Red Cliffs	2,674 1 6	20,203 2 2	2,450 1 3	870 0 0	3,329 1 3	20,544 9 3	..	654 19 9	355 1 1	..	696 8 2
9. Rochester	1,861 16 4	12,413 12 7	5,769 15 4	..	5,769 15 4	22,371 16 11	..	3,907 19 0	..	2,125 16 10	7,832 7 6
10. Rodney	1,336 3 3	6,338 12 0	1,387 15 0	..	1,387 15 0	7,920 16 1	..	51 11 9	..	1517 11 11	64 12 2
11. Shepparton	2,803 0 7	20,354 14 2	5,526 5 2	..	5,526 5 2	28,892 10 4	..	2,633 4 7	..	1,405 17 2	7,041 19 0
12. Tongala-Stanhope	3,548 15 1	22,368 9 9	12,885 2 8	..	12,885 2 8	37,994 0 6	..	9,336 7 7	..	3,047 10 6	12,578 0 3
13. Werribee	504 13 9	4,820 2 6	438 12 0	..	438 12 0	4,173 8 11	156 1 9	..	646 13 7	..	..
14. Woodburn	604 15 9	3,028 11 0	1,160 14 5	213 0 0	1,373 14 5	4,367 16 6	..	768 18 8	69 2 5	..	1,408 7 11
Totals	20,277 2 8	130,878 4 7	39,771 5 8	1,722 0 0	41,493 5 8	182,522 18 4	1,000 0 8	22,306 3 8	1,453 6 2	11,675 15 0	41,422 4 11
Grand Totals	22,762 4 6	140,888 18 1	42,600 7 8	1,722 0 0	44,331 7 8	193,064 8 7	1,000 0 8	22,656 3 10	1,453 6 2	12,206 11 9	41,422 4 11

DRAINAGE DISTRICTS.

PROFIT AND LOSS ACCOUNT FOR FINANCIAL YEAR 1944-45.

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.					Total Loss as at 30th June, 1945.
	£	s.	d.	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 1944-45. (A) Loss. (B) Gain.	Total Loss as at 30th June, 1945.	
1. Carrum ..	2,282	8	3	2,838	2	0	2,838	16	6	556	8	3	814
Total ..	2,282	8	3	2,838	2	0	2,838	16	6	556	8	3	814
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, <i>Water Act 1937</i> , No. 4513.)													
2. Cohuna ..	1,831	12	2	4,192	4	3	4,192	4	3	2,360	12	1	4,755
3. Kerang East ..	1,188	3	9	604	2	7	604	2	7	584	1	2	1,238
4. Maffra-Sale ..	1,209	12	5	3,687	12	8	3,687	12	8	2,388	0	3	7,032
5. Merbein ..	1,603	13	2	1,407	10	7	1,942	10	7	338	17	5	1,344
6. Murrabit ..	213	19	2	181	16	7	183	12	10	30	6	4	966
7. Nyah ..	167	6	0	79	13	2	174	13	2	7	7	2	136
8. Red Cliffs ..	2,682	9	8	2,450	1	3	3,329	13	3	647	3	7	280
9. Rochester ..	1,732	1	7	5,769	15	4	5,771	3	10	4,039	2	3	9,247
10. Rodney ..	937	14	2	1,387	15	0	1,388	17	6	451	3	4	1,025
11. Shepparton ..	2,803	14	8	5,526	5	2	5,544	6	10	2,740	12	2	8,286
12. Tongala-Stanhope ..	3,151	2	4	12,885	2	8	12,885	2	8	9,734	0	4	14,664
13. Werribee ..	602	10	1	438	12	0	438	12	0	223	18	1	716
14. Woorinen ..	604	15	9	1,160	14	5	1,373	14	5	768	18	8	1,339
Totals ..	18,878	14	11	39,771	5	8	41,516	6	7	23,475	17	3	50,019
Grand Totals ..	21,161	3	2	42,609	7	8	44,355	3	1	24,032	5	6	2,769

SUMMARY OF CASH ACCOUNTS, 1944-45.

Works.	Receipts.				Expenditure.							(s) Excess Receipts over Expenditure; (D) Excess Expenditure over Receipts, 1944-45.	Accumulated Surplus or Deficiency at 30th June, 1945.			
	2.	Urban Water.	Total.	Total, 1906, to 30th June, 1945.	Operating Costs.	Rural Water.	(A) Interest; (B) Redemption.		Depreciation.	Total.	Total, 1906, to 30th June, 1945.		12.	13.	Chargeable, or (s) Credited to District Account.	Chargeable to State Account (Inclusive of Column 12).
							3.	4.									5.	6.	7.	8.	9.	10.	11.
1.	£ 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.	£ s. d.	
Colban System ..	49,406 2 6	..	49,496 2 6	1,701,476 9 11	48,403 11 1	..	(A) 11,687 4 3	7,857 0 0	67,847 15 4	2,557,552 14 7	(D) 18,351 12 10	(D) 839,372 13 5	16,703 11 3			
Irrigation Districts ..	355,929 16 9	1,874 0 0	357,803 16 9	7,274,764 5 0	299,496 17 2	..	(A) 66,888 12 1	14,376 0 0	380,761 9 3	8,028,067 13 0	{(s) 29,793 0 4 (D) 52,750 12 10}	{(D) 732,499 3 0 (s) 27,916 11 1}	48,720 16 1			
Irrigation Divisions	7,067 12 5	..	7,067 12 5	153,699 13 6	3,911 19 7	1,253 0 0	{(A) 560 9 10 (B) 64 11 1}	727 0 0	6,517 0 6	147,249 9 8	{(s) 807 5 5 (D) 256 13 6}	{(D) 522 6 9 (s) 7,788 8 8}	815 18 1			
Waterworks Districts	147,027 19 7	3,354 0 0	150,381 19 7	3,505,022 7 9	296,951 4 2	420 0 0	{(A) 31,107 10 9 (B) 2,081 15 10}	9,095 6 8	339,655 17 5	5,063,191 16 7	{(s) 8,814 4 8 (D) 198,088 2 6}	{(D) 864,951 2 9 (s) 26,448 1 3}	629,666 7 4			
Waterworks Urban Districts	99,272 3 8	365 0 0	99,637 3 8	1,715,412 12 2	49,398 15 4	4,120 0 0	{(A) 21,989 19 3 (B) 1,060 9 1}	14,959 4 11	92,128 8 7	1,663,441 6 6	{(s) 14,568 1 1 (D) 7,059 6 0}	{(D) 16,823 7 3 (s) 76,684 8 3}	7,889 15 4			
Flood Protection Districts	9,451 10 4	..	9,451 10 4	164,254 13 6	6,427 16 7	..	(A) 361 18 9	..	6,789 15 4	163,940 14 11	{(s) 2,877 5 11 (D) 215 10 11}	{(D) 3,619 1 8 (s) 3,933 0 3}	..			
Drainage Districts ..	22,762 4 6	..	22,762 4 6	140,888 13 1	42,609 7 8	..	..	1,722 0 0	44,331 7 8	193,064 8 7	{(s) 1,090 0 8 (D) 22,659 3 10}	{(D) 12,206 11 9 (s) 1,453 6 2}	41,422 4 11		
Totals ..	691,007 9 9	5,593 0 0	696,600 9 9	14,745,518 19 11	747,199 11 7	* 5,793 0 0	{(A) 132,495 14 11 (B) † 3,806 16 0}	† 48,736 11 7	938,031 14 1	17,816,508 3 10	{(s) 57,949 18 1 (D) 293,381 2 5}	{(D) 2,469,994 6 7 (s) 144,223 15 8}	745,218 13 0			

* Of this amount £200 has not been credited to Headworks. † Includes Capitalized Interest redeemed—Allansford Urban District, £31 9s. 1d. Excludes Redemption paid in respect of Plant and Machinery Account.
† Excludes direct contribution to Depreciation Fund, £278. (s) Surplus; (D) Deficiency.

SUMMARY OF PROFIT AND LOSS ACCOUNTS FOR FINANCIAL YEAR 1944-45.

Works.	Expenditure.						Profit and Loss.						
	Revenue Assessment.	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 1944-45. (A) Loss. (B) Gain.	Total Loss as at 30th June, 1945.	Total Gain as at 30th June, 1945.
	£ 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.
Coliban System ..	50,536 7 11	48,403 11 1	11,587 4 3	7,857 0 0	731 18 2	4 2 0	68,583 15 6	..	18,047 7 7	91 19 10	{ (A) 0 3 9 (B) 54 7 8 }	865,306 6 2	..
Irrigation Districts ..	334,864 9 9	299,496 17 2	66,888 12 1	14,376 0 0	..	6,432 13 3	387,194 2 6	14,836 2 10	67,165 15 7	6,307 7 2	{ (A) 34 9 7 (B) 3,686 17 0 }	669,066 16 6	61,216 18 7
Irrigation Urban Districts ..	6,512 16 6	5,164 19 7*	560 9 10	727 0 0	39 1 10	1 18 9	6,493 10 0	309 11 8	290 5 2	39 18 9	{ (A) 0 4 0 (B) 9 7 4 }	1,322 16 11	9,204 11 1
Waterworks Districts ..	175,094 16 7	297,371 4 2†	31,107 10 9	8,871 0 0	603 4 1	924 15 8	338,877 14 8	12,374 3 11	176,157 2 0	6,934 14 1	{ (A) 27 11 5 (B) 6,673 12 8 }	1,293,084 7 2	37,319 8 5
Waterworks Urban Districts...	100,903 8 9	53,518 15 4†	21,989 19 3	14,900 0 0	1,537 11 2	32 14 2	91,978 19 11	16,036 5 5	7,111 16 7	1,267 17 2	{ (A) 825 7 2 (B) 381 13 3 }	17,342 13 2	96,845 2 1
Flood Protection Districts ..	8,561 14 3	6,427 16 7	361 18 9	..	..	22 9 10	6,812 5 2	1,943 9 8	194 0 7	41 19 3	(A) 23 15 4	1,021 8 1	7,806 16 9
Drainage Districts ..	21,161 3 2	42,609 7 8	..	1,722 0 0	..	23 15 5	44,355 3 1	838 5 7	24,032 5 6	213 8 5	(B) 2 6 5	50,019 16 1	2,769 4 9
Totals ..	697,634 16 11	752,992 11 7	132,495 14 11	48,453 0 0	2,911 15 3‡	7,442 9 1	944,295 10 10	46,337 19 1	292,998 13 0	14,897 4 8	{ (A) 911 11 3 (B) 10,868 4 4 }	2,897,164 4 1	215,162 1 8

* Includes charges for water supplied from Rural Districts, £1,253.

† Includes charges for water supplied from Rural Districts, £420.

‡ Includes charges for water supplied from Rural Districts, £4,120.
§ Includes Capitalized Interest charged to Allansford Urban District, £31 9s. 1d.

DISTRICT BALANCE SHEETS AS AT 30TH JUNE, 1945.

District.	Liabilities.						Assets.					
	Capital borne by— (A) State, (B) District.	Redemption Account.	Depreciation Account.	Sundry Creditors.	Accumulated Deficiency Chargeable to— (A) District Account, (B) State Account.	Profit and Loss Account. Gain.	Works at Cost.	Water Supply Works Depreciation Fund.	Sundry Debtors.	Accumulated Surplus Credited to District Accounts.	Profit and Loss Account. Loss.	
COLIBAN SYSTEM.												
1. Harcourt	(A) 17,042 9 3	232 18 6	1 3 1	1 4 10	(A) 1,075 8 11	..	17,275 7 9	1 3 1	90 19 0	..	985 14 9
2. Marong	{ (A) 2,081 19 9 (B) 22 18 10 }	14 5 6	336 1 3	0 4 9	(A) 210 8 10	..	2,119 0 8	336 1 3	74 15 5	..	136 1 7
Totals	{ (A) 19,124 9 0 (B) 22 18 10 }	247 4 0	337 4 4	1 9 7	(A) 1,285 17 9	..	19,394 8 5	337 4 4	165 14 5	..	1,121 16 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, and 18th December, 1944, respectively, under the provisions of Section 6, Water Act 1937, No 4513.)												
3. Axe Creek	(A) 4,908 18 4	..	..	..	{ (A) 983 8 1 (B) 200 7 1 }	..	4,908 18 4	..	41 2 1	..	1,142 13 1
4. Coliban	{ (A) 1,379,092 17 10 (B) 292,787 0 7 }	6,278 2 6	56,834 9 10	61 8 11	{ (A) 837,103 7 7 (B) 16,503 4 2 }	..	1,671,879 18 5	46,936 14 7	6,802 1 8	..	863,041 16 9
Totals	{ (A) 1,384,001 16 2 (B) 292,787 0 7 }	6,278 2 6	56,834 9 10	61 8 11	{ (A) 838,086 15 8 (B) 16,703 11 3 }	..	1,676,788 16 9	46,936 14 7	6,843 3 9	..	864,184 9 10
Grand Totals	{ (A) 1,403,126 5 2 (B) 292,809 19 5 }	6,525 6 6	57,171 14 2	62 18 6	{ (A) 839,372 13 5 (B) 16,703 11 3 }	..	1,696,183 5 2	47,273 18 11	7,008 18 2	..	865,306 6 2
											£2,615,772 8s. 5d.	£2,615,772 8s. 5d.

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, and 18th December, 1944, respectively, under the provisions of Section 6, *Water Act 1937*, No 4313.)

DISTRICT BALANCE SHEETS AS AT 30TH JUNE, 1945.

District.	Liabilities.						Assets.					
	Capital borne by— (A) State (B) District.		Redemption Account.	Depreciation Account.	Sundry Creditors.	Accumulated Deficiency Chargeable to— (A) District Account. (B) State 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.
	£	s. d.	£	s. d.	£	s. d.	£	s. d.	£	s. d.	£	s. d.
IRRIGATION DISTRICTS.												
1. Bacchus Marsh	(A) 178,784	4 3	968 9 4	172 13 10	262 11 1	(A) 31,642 1 5	..	179,752 13 7	172 13 10	401 0 3	..	31,503 12 3
2. Boort	(A) 250,683	4 2	215 13 8	256 7 10	1 0 1	(A) 6,207 1 8	..	250,898 17 10	256 7 10	2,821 18 6	..	3,386 3 3
3. Callville	(A) 194,809	12 6	153 7 2	113 11 2	38 17 5	(A) 13,117 11 7	..	194,962 19 8	113 11 2	2,969 16 2	..	10,186 12 10
4. Campaspe	(A) 18,035	9 10	..	..	138 10 0	(A) 2,490 16 4	..	18,085 9 10	..	419 3 8	..	2,210 2 8
5. Cohuna	(A) 826,357	14 0	4,025 5 5	295 10 11	117 17 11	..	15,027 10 5	830,382 19 5	295 10 11	11,572 1 0	3,573 7 4	..
6. Deakin	(A) 95,200	10 4	506 14 4	..	6 19 0	..	7,651 19 4	95,707 4 8	..	3,997 10 1	3,661 8 3	..
7. Dingee	(A) 73,826	15 1	198 0 9	87 14 0	2 12 10	(A) 3,489 16 4	..	74,024 15 10	87 14 0	865 5 7	..	2,627 3 7
8. Katandra	(A) 180,834	3 2	220 9 5	104 16 5	..	(A) 25,963 2 5	..	181,054 12 7	104 16 5	3,627 9 2	..	22,340 13 3
9. Kerang	(A) 381,296	10 4	1,110 12 9	30 6 0	25 12 4	..	11,223 2 2	382,407 3 1	30 6 0	7,159 9 11	4,089 4 7	..
10. Koondrook	(A) 467,319	9 7	1,307 4 9	..	12 19 3	(A) 56,810 4 9	..	468,626 14 4	..	8,776 9 0	..	48,046 15 0
11. Maffra-Sale	(A) 1,265,750	6 1	2,447 15 0	1,197 19 6	6 13 7	..	18,295 0 3	1,268,198 1 1	1,197 19 6	5,237 12 8	13,064 1 2	..
12. Murray Valley	(A) 1,590,305	1 9	1,188 15 0*	244 10 9	12 13 2	..	9,019 6 5	1,591,493 16 9*	244 10 9	5,503 9 10	3,528 9 9	..
13. Mystic Park	(A) 57,391	6 5	101 8 8	..	2 15 0	(A) 5,680 1 0	..	57,492 15 1	..	470 11 6	..	5,212 5 3
14. North Shepparton	(A) 358,581	4 3	1,052 13 5	250 11 10	2 12 6	(A) 41,322 15 4	..	359,633 17 8	250 11 10	3,279 8 11	..	38,045 18 11
15. Rochester	(A) 1,187,309	8 10	3,408 12 1	1,102 2 5	32 6 1	(A) 27,445 19 5	..	1,190,718 0 11	1,162 2 5	22,269 5 11	..	5,208 19 7
16. Rodney	(A) 1,488,635	12 4	2,342 14 3	1,348 18 1	20 9 0	(A) 79,088 13 2	..	1,490,978 6 7	1,348 18 1	8,831 17 3	..	70,277 4 11
17. Shepparton	(A) 486,826	13 10	899 3 8	621 18 10	8 4 1	(A) 64,894 1 1	..	487,725 17 6	621 18 10	2,767 1 1	..	62,135 4 1
18. South Shepparton	(A) 118,555	4 11	309 12 3	87 1 8	..	(A) 3,167 16 10	..	118,864 17 2	87 1 8	598 8 1	..	2,569 8 9
19. Swan Hill	(A) 478,780	12 3	1,033 7 8	3,606 18 10	28 16 11	(A) 9,506 19 2	..	479,813 19 11	3,606 18 10	5,024 16 2	..	4,510 19 11
20. Third Lake	(A) 50,937	10 11	82 3 11	..	0 1 0	(A) 3,637 12 8	..	51,019 14 10	..	1,432 18 0	..	2,104 15 8
21. Tongala-Stanhope	(A) 943,540	15 0	2,582 12 6	1,022 16 4	17 19 9	(A) 75,778 0 7	..	946,103 7 6	1,022 16 4	21,019 14 1	..	54,776 6 3
22. Tragowel Plains	(A) 768,375	17 8	1,461 1 9	598 0 7	15 7 11	(A) 48,107 16 8	..	769,894 19 5	598 0 7	15,180 19 9	..	32,942 4 10
23. Werribee	(A) 209,966	1 6	1,491 5 10	779 3 7	517 9 0	(A) 30,407 6 6	..	301,457 7 4	779 3 7	1,709 2 1	..	29,275 13 5
Totals	(A) 11,762,101	9 0	27,087 3 7*	12,071 2 7	1,272 7 11	(A) 528,722 17 8	61,216 18 7	11,789,188 12 7*	12,071 2 7	135,935 8 8	27,916 11 1	427,360 4 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, 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, respectively, under the provisions of Section 6, *Water Act* 1937, No. 4513.)

	(A)	37,511 11 8	..	..	..	..	2 15 0	{(A) 3,133 13 2} {(B) 957 11 5}	..	37,511 11 8	..	1.123 2 2	..	2,970 17 5
24. Fish Point	(A)	37,511 11 8	..	..	..	27,171 12 0	43 2 0	{(A) 54,326 10 6} {(B) 18,860 14 7}	..	470,808 10 6	..	4,162 13 6	..	78,480 18 8
25. Merbodin	(A)	470,808 10 6	..	..	..	5,628 9 10	10 8 8	{(A) 41,562 2 11} {(B) 4,041 18 7}	..	205,002 12 11	..	5,925 11 8	..	39,688 18 6
26. Nyah	(A)	204,947 13 1	..	..	..	51,755 12 1	7 9 10	{(A) 39,681 5 7} {(B) 9,890 18 4}	..	1,076,274 5 5	..	16,401 0 6	..	38,000 8 2
27. Red Cliffs	(A)	1,076,274 5 5	..	..	..	3,346 8 6	46 4 0	{(A) 65,072 13 2} {(B) 14,949 13 2}	..	117,139 13 8	..	5 1 0	..	82,565 9 4
28. Tresco	(A)	117,139 13 8	..	..	..	87,902 2 5	109 19 6	{(A) 203,776 5 4} {(B) 48,720 16 1}	..	1,906,736 14 2	..	27,617 8 10	..	241,706 12 1
Totals	(A)	1,906,681 14 4	..	..	..	99,973 5 0	1,882 7 5	{(A) 792,499 3 0} {(B) 48,720 16 1}	..	13,695,925 6 9*	..	163,652 17 6	27,516 11 1	669,066 16 6
Grand Totals	(A)	13,668,783 3 4	..	..	..	27,142 3 5*	..	..	61,216 18 7	13,695,925 6 9*	..	163,652 17 6	27,516 11 1	669,066 16 6

* Inclusive of Interest charged (and redeemed) on Works prior to Works becoming revenue-producing—Murray Valley, £1,052 15s.

DISTRICT BALANCE SHEETS AS AT 30TH JUNE, 1945.

District.	Liabilities.				Assets.						
	Capital borne by— (A) State (B) District.	Redemption Account.	Depreciation Account.	Sundry Creditors.	Accumulated Deficiency Chargeable to— (A) District Account. (B) State 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.
	£ 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	{ (A) 212,117 7 2 } { (B) 83,598 5 1 }	1,461 18 0	..	46 19 3	(A) 1,565 17 3	..	297,177 10 3	..	255 0 4	..	1,357 16 2
2. Mornington Peninsula	{ (A) 245,547 17 2 } { (B) 64,050 11 2 }	947 17 10	3,367 10 6	237 17 1	..	23,330 3 0	310,546 6 2	3,367 10 6	5,079 18 10	18,488 1 3	..
3. Newstead	{ (A) 4,636 6 10 }	..	..	..	..	89 15 0	4,636 6 10	..	..	89 15 0	..
4. Normanville	{ (A) 24,878 14 5 }	222 1 11	..	31 9 8	(A) 2,478 10 3	2,029 18 11	25,100 16 4	..	4,539 18 10	..	..
5. Otway	{ (A) 75,684 9 4 }	1,723 14 8	12,164 11 4	36 13 6	(A) 6,677 6 3	..	168,043 8 10	12,164 11 4	238 15 2	..	6,475 4 7
6. Werribee	{ (A) 90,635 4 10 }	82 12 10	..	2 14 0	(A) 1,059 12 6	..	11,595 18 10	..	158 4 2	..	904 2 4
7. Western Wimmera	{ (A) 353,301 5 6 }	177 10 2	4,693 3 10	11 9 9	(A) 30,134 13 6	..	353,478 15 8	4,693 3 10	3,656 0 10	..	26,490 2 5
8. Wimmera United	{ (A) 284,051 11 1 }	965 12 11	274 17 0	29 1 3	(A) 7,129 17 8	2,036 8 0	285,017 4 0	274 17 0	9,195 6 11	..	..
9. Wychitella (proposed)	{ (A) 24,380 19 8 }	..	..	..	..	..	24,380 19 8	..	..	..	..
Totals...	{ (A) 1,236,111 17 2 } { (B) 238,284 1 1 }	5,581 8 4	20,500 2 8	396 4 6	(A) 49,045 17 5	27,486 4 11	1,479,977 6 7	20,500 2 8	23,123 5 1	18,577 16 3	85,227 5 6

WATERWORKS DISTRICTS.

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 those 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, respectively, under the provisions of Section 6, *Water Act 1937*, No. 4513.)

10. Brechip	{ (A) 141,309 2 1 }	381 13 5	..	2 16 10	{ (A) 30,095 10 9 } { (B) 2,408 19 8 }	..	141,690 15 6	..	4,292 10 2	..	28,214 17 1
11. Carwarp	{ (A) 41,470 7 5 }	..	1,926 0 0	0 19 2	{ (A) 57,086 7 6 } { (B) 15,564 16 6 }	..	41,470 7 5	486 0 0	2,515 17 11	..	71,576 5 3
12. Carwarp Central	{ (A) 2,363 1 10 }	..	167 9 7	..	{ (A) 2,190 4 2 } { (B) 1,048 18 7 }	..	2,363 1 10	47 9 7	608 3 3	..	2,750 19 6
13. Coreena	{ (A) 46,101 11 10 }	..	6,379 17 6	6 18 10	{ (A) 28,374 10 4 } { (B) 21,461 4 0 }	..	46,101 11 10	1,009 17 6	7,977 1 1	..	46,632 12 1
14. Hindmarsh	{ (A) 19,582 0 8 }	103 4 3	1,397 1 11	..	..	1,432 2 10	19,685 4 11	1,397 1 11	1,181 8 5	250 14 5	..
15. Karkaroo	{ (A) 316,453 16 8 }	..	..	4 13 5	{ (A) 54,444 1 7 } { (B) 33,330 0 9 }	..	316,453 16 8	..	11,940 19 1	..	75,837 16 8
16. Kerang North-West Lakes	{ (A) 3,851 6 2 }	..	..	1 4 1	{ (A) 914 14 2 } { (B) 472 14 1 }	..	3,851 6 2	..	265 2 3	..	1,123 10 1
17. Long Lake	{ (A) 171,202 3 7 }	..	1,404 7 6	19 5 8	{ (A) 51,592 16 8 } { (B) 21,540 3 6 }	..	171,202 3 7	354 7 6	27,862 0 0	..	46,350 5 10
18. Millewa	{ (A) 484,020 17 11 }	..	23,493 12 11	0 1 2	{ (A) 101,857 14 9 } { (B) 98,776 18 2 }	..	484,020 17 11	5,565 12 11	16,400 13 4	..	202,162 0 9
19. Millewa Central	{ (A) 170,647 0 0 }	..	9,290 3 10	..	{ (A) 55,903 8 10 } { (B) 74,124 6 0 }	..	170,647 0 0	1,856 3 10	11,753 8 3	..	125,618 6 7

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

DISTRICT BALANCE SHEETS AS AT 30TH JUNE, 1945—continued.

District.	Liabilities.					Assets.												
	Capital borne by— (A) State (B) District.	Redemption Account.	Depreciation Account.	Sundry Creditors.	Accumulated Deficiency Chargeable to— (A) District Account. (B) State Account.	Profit and Loss Account.	Works at Cost.	Water Supply Works Depreciation Fund.	Sundry Debtors.	Accumulated Surplus Credited to District Account.	Profit and Loss Account.							
												£	s.	d.	£	s.	d.	£
WATERWORKS DISTRICTS—continued.																		
20. Sea Lake	(A) 191,006	3	9	..	14	1	7	..	191,006	3	9	..	11,832	11	10	34,560	16	5
21. Tynnynder	(A) 375,582	7	3	..	189	1	0	..	375,582	7	3	..	42,074	4	3	162,045	6	1
22. Tyrrell	(A) 250,149	16	5	..	345	1	6	..	250,149	16	5	..	24,507	13	11	139,893	17	3
23. Tyrrell West	(A) 427,981	17	1	..	1,820	14	0	..	427,981	17	1	..	36,404	8	0	270,390	14	3
24. Upper Western Wimmera	(A) 86,924	7	7	..	169	1	2	..	86,924	7	7	..	2,212	7	7	7,619	10	7
25. Upper Wimmera United	(A) 119,498	0	2	..	1,005	14	11	..	120,503	15	1	..	5,344	5	11	2,135	7	8
26. Walpeup West	(A) 35,838	16	6	..	2,137	17	2	..	35,838	16	6	..	5,984	12	6	6,186	12	2
27. Wycheproof	(A) 230,237	13	3	..	1,173	11	10	..	231,411	5	1	..	9,904	15	3	35,984	17	2
28. Yelta	(A) 6,146	7	2	..	..	..	..	..	6,146	7	2	..	1,155	2	0	6,392	16	10
Totals	(A) 3,119,466	17	4	2,664	4	5	48,619	8	1	125	15	6	9,853	3	6	7,870	5	0
Grand Totals	{(A) 4,355,578 (B) 238,284	14	6	8,245	12	9	69,119	10	9	522	0	0	37,319	8	5	20,448	1	3
									4,602,108	8	4		247,330	10	1	1,293,084	7	2

DISTRICT BALANCE SHEETS AS AT 30TH JUNE, 1945.

District.	Liabilities.						Assets.													
	Capital borne by— (A) State (B) District.	Redemption Account.	Depreciation Account.	Sundry Creditors.	Accumulated Deficiency Chargeable to— (A) District Account. (B) State 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.									
											£	s.	d.	£	s.	d.	£	s.	d.	Loss.
	£	s.	d.	£	s.	d.	£	s.	d.	£	s.	d.	£	s.	d.					
URBAN DISTRICTS.																				
1. Allansford	1,729 11 5 (A) (B) 824 2 8	45 17 5*	71 12 5	0 13 9	..	33 4 2	2,599 11 6*	71 12 5	22 14 8	11 3 3	..	..	..	..	..
2. Antwerp	444 18 4 (A) (B) 257 15 4	12 4 8	22 11 3	2 4 8	..	208 0 10	714 18 4	22 11 3	11 2 9	199 2 9	..	..	..	..	..
3. Barwon Heads and Ocean Grove	32,242 12 11 (A) (B) 8,046 9 4	285 15 7	1,166 6 10	4 0 3	..	1,535 15 5	40,554 5 1	1,166 6 10	603 12 4	956 16 1	..	..	..	..	..
4. Berriwillock	5,168 9 7 (A) (B) 3 11 1	24 12 3	140 6 7	2 10 6	..	228 2 1	5,196 12 11	140 6 7	20 15 0	209 17 7	..	..	..	..	..
5. Berwick	19,792 19 8 (A) (B) 2,938 17 5	88 17 8	1,933 1 11	0 7 6	..	1,549 19 4	22,820 14 9	1,933 1 11	244 2 5	1,306 4 5	..	..	..	..	..
6. Brim ..	3,191 17 5 (A) (B) 332 8 6	39 19 11	289 16 10	2 5 0	..	700 16 4	3,564 5 10	289 16 10	102 5 2	600 16 2	..	..	..	..	..
7. Camperdown	40,361 15 4 (A) (B) 55,181 6 9	1,150 1 11	3,935 9 7	11 6 9	..	4,038 15 6	96,414 0 1	3,935 9 7	650 9 0	3,678 17 2	..	..	..	..	..
8. Carrum	192,659 11 4 (A) (B) 23,296 11 5	643 3 0	18,029 19 0	5 4 10	(A) 2,955 2 3	..	216,599 5 9	18,029 19 0	1,587 17 11	..	1,372 9 4	..	..	..	..	
9. Cobden	11,727 3 9 (A) (B) 12,912 1 2	294 1 9	946 1 11	1 9 0	..	724 4 7	24,872 16 9	946 1 11	210 12 8	575 10 10	..	..	..	..	..
10. Cranbourne	8,828 14 6 (A) (B) 590 18 8	55 7 10	885 16 1	0 7 6	..	442 10 6	9,475 1 0	885 16 1	26 9 2	416 8 10	..	..	..	..	..
11. Culgoa	2,153 14 2 (A) (B) 2,239 16 5	62 12 5	160 8 9	4 0 6	..	250 3 3	4,456 3 0	160 8 9	75 1 0	188 2 9	..	..	..	..	..
12. Dandenong	86,250 8 6 (A) (B) 51,621 12 8	838 8 0	11,823 10 7	9 11 9	..	5,467 6 1	138,710 9 2	11,823 10 7	1,590 16 0	3,886 1 10	..	..	..	..	..
13. Dimboola	6,943 18 11 (A) (B) 10,914 0 9	281 0 8	748 7 9	0 9 1	..	2,551 8 1	18,139 0 4	748 7 9	319 8 11	2,232 8 3	..	..	..	..	..
14. Dromana-Portsea	152,411 16 3 (A) (B) 4,333 18 10	8,610 13 9*	6,444 2 2	37 15 0	..	2,493 1 7	165,356 8 10*	6,444 2 2	909 1 2	1,621 15 5	..	..	..	..	..
15. Frankston	4,903 13 2 (A) (B) 109,415 13 6	1,908 16 7	9,126 4 0	21 2 10	..	5,625 10 7	116,228 3 3	9,126 4 0	1,380 8 9	4,266 4 8	..	..	..	..	..
16. Hicksborough	685 19 11 (A) (B) 299 7 8	9 19 8	66 11 4	0 9 0	..	430 0 2	995 7 3	66 11 4	88 15 0	341 14 2	..	..	..	..	..
17. Jeparit	7,528 4 0 (A) (B) 6,727 10 8	212 11 6	246 6 7	..	..	1,131 18 1	13,468 6 2	246 6 7	105 12 5	1,026 5 8	..	..	..	..	..
18. Longwarry	2,387 8 6 (A) (B) 9,273 7 9	217 4 10	908 6 2	..	..	877 11 1	11,878 1 1	908 6 2	156 3 5	721 7 8	..	..	..	..	..
19. Marnoo	2,757 19 6 (A) (B) 1,361 17 2	61 4 3	447 12 0	3 10 10	..	471 6 3	4,177 9 11	447 12 0	52 19 9	425 8 4	..	..	..	..	..
20. Merbein	14,452 8 8 (A) (B) 4,178 13 7	266 15 0	1,201 5 3	0 7 6	(A) 476 5 3	..	18,792 11 4	1,201 5 3	405 11 0	..	176 7 8	..	..	..	..	
21. Minyip	7,198 3 9 (A) (B) 3,048 17 7	171 13 11	348 16 8	4 5 8	..	1,051 13 9	10,418 15 2	348 16 8	171 17 11	884 1 6	..	..	..	..	..
22. Mornington	23,240 10 2 (A) (B) 52,965 3 2	1,087 10 6	5,083 17 1	59 0 3	..	11,538 5 3	77,293 3 10	5,083 17 1	798 3 4	10,799 2 2	..	..	..	..	..
23. Natimuk	828 19 4 (A) (B) 4,058 18 10	84 7 11	438 10 2	..	..	612 10 4	4,972 6 1	438 10 2	122 19 5	489 10 11	..	..	..	..	..
24. Pakenham	8,892 18 11 (A) (B) 9,497 14 11	70 16 2	2,009 18 0	..	..	1,450 1 10	18,661 10 0	2,009 18 0	192 2 7	1,257 19 3	..	..	..	..	..
25. Pyramid Hill	5,275 7 3 (A) (B) 1,295 13 10	83 11 6	284 12 4	0 4 3	..	1,235 9 9	6,654 12 7	284 12 4	224 11 10	1,011 2 2	..	..	..	..	..
26. Queenscliff and Point Lonsdale	69,048 10 8 (A) (B) 16,379 6 6	553 4 11	4,237 18 6	7 5 10	..	738 16 2	85,897 18 9	4,237 18 6	426 16 5	402 8 11	..	..	..	..	..
27. Rainbow	3,843 7 10 (A) (B) 7,605 0 1	196 13 10	387 12 3	6 10 1	..	4,061 2 8	11,645 1 9	387 12 3	154 18 11	3,852 13 10	..	..	..	..	..

Note—Urban Districts Balance Sheets continued on next page.

DISTRICT BALANCE SHEETS AS AT 30TH JUNE, 1945—continued.

District.	Liabilities.						Assets.					
	Capital borne by— (A) State. (B) District.	Redemption Account.	Depreciation Account.	Sundry Creditors.	Accumulated Deficiency Chargeable to— (A) District Account. (B) State Account.		Profit and Loss Account. Gain.	Works at Cost.	Water Supply Works Depreciation Fund.	Sundry Debtors.	Accumulated Surplus Credited to District Accounts.	Profit and Loss Account. Loss.
					£	s.						
28. Rupanyup	{(A) 6,596 19 1 (B) 4,193 4 1}	151 1 3	373 5 9	10 19 0	..	601 8 2	10,920 9 1	373 5 9	137 9 11	485 12 7	..	..
29. Somerville	{(A) 2,044 0 9 (B) 4,607 4 3}	110 0 5	511 12 11	0 8 0	..	872 13 5	7,661 5 5	511 12 11	51 18 8	821 2 9	..	..
30. South Frankston	{(A) 21,046 5 8 (B) 25,812 11 3}	650 6 7	2,166 5 8	6 9 9	..	4,806 17 6	47,509 3 6	2,166 5 8	451 5 11	4,362 1 4	..	..
31. Spring Vale	{(A) 14,294 17 2 (B) 112,147 18 9}	1,737 0 1	7,091 6 8	17 18 8	..	22,682 5 2	128,179 16 0	7,091 6 8	4,310 12 3	18,389 11 7	..	..
32. Terang	{(A) 29,026 3 10 (B) 28,185 11 2}	704 16 1	3,142 3 2	2 17 1	..	744 0 1	57,844 10 3	3,142 3 2	160 0 4	658 17 8	..	..
33. Watchem	{(A) 4,929 17 3 (B) 125 6 10}	35 13 5	337 13 0	5 16 7	(A) 64 1 3 (B) ..	44 11 4	5,090 9 3	337 13 0	114 17 5	..	..	..
Totals ..	{(A) 793,789 7 5 (B) 573,672 12 7}	20,946 5 3*	85,907 9 2	229 11 5	(A) 3,495 8 11 (B) ..	79,148 9 4	1,387,772 14 0*	85,907 9 2	15,881 13 5	66,078 10 6	1,548 17 0	..

URBAN DISTRICTS—continued.

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, and 18th December, 1944, respectively, under the provisions of Section 6, *Water Act 1937*, No. 4513.)

34. Anglesea	{(A) 18,645 4 8 (B) 29 1 5}	1 9 8	489 0 9	1 11 5	{(A) 1,254 12 11 (B) 352 0 5}	..	18,675 14 9	489 0 9	27 12 10	..	1,560 12 11
35. Boulah	{(A) 7,569 3 1 (B) 2 13 2}	10 5 8	127 8 4	7 3 6	..	980 4 9	7,582 1 11	127 8 4	251 7 7	736 0 8	..
36. Birchip	{(A) 12,408 15 8 (B) ..}	12 12 3	718 5 6	9 5 4	{(A) 1,437 11 9 (B) 350 13 4}	..	12,421 7 11	550 5 6	178 0 10	..	1,787 9 7
37. Bittern	{(A) 2,874 6 8 (B) 15 13 3}	3 15 1	204 0 5	0 9 6	{(A) 296 2 3 (B) 299 3 7}	209 5 7	2,893 15 0	204 0 5	159 7 0	123 3 2	..
38. Bunyip	{(A) 11,333 0 11 (B) 22 15 5}	2 4 5	1,184 2 6	0 14 0	{(A) 318 7 11 (B) 241 14 6}	812 17 3	11,358 0 9	1,184 2 6	235 2 8	578 8 7	..
39. Carwarp	{(A) 6,355 19 0 (B) ..}	..	99 10 7	..	{(A) 981 12 8 (B) 47 4 3}	270 18 6	635 19 0	81 5 11	849 5 7	..	..
40. Chillingollah	{(A) 2,477 14 6 (B) ..}	8 14 5	90 4 6	..	{(A) 253 1 7 (B) 299 3 7}	..	2,486 8 11	78 9 11	972 16 4	..	67 15 2
41. Chinkapook	{(A) 2,551 11 7 (B) ..}	..	127 4 11	0 0 6	{(A) 296 2 3 (B) 299 3 7}	..	2,551 11 7	79 4 11	87 9 9	..	485 16 7
42. Crib Point	{(A) 9,477 16 10 (B) 2,340 12 3}	93 10 7	472 10 10	0 13 0	{(A) 49 13 2 (B) ..}	238 19 11	11,883 13 0	343 10 10	462 17 8	16 9 3	..
43. Doon	{(A) 681 4 0 (B) 17 3 0}	0 0 5	96 7 2	..	(A) ..	..	698 7 5	96 7 2	22 7 4	..	27 5 10
44. Drysdale	{(A) 13,826 16 1 (B) 37 18 5}	7 17 4	725 0 6	5 3 1	..	744 15 2	13,872 11 10	725 0 6	136 5 11	613 12 4	..
45. Garfield	{(A) 8,758 6 11 (B) 19 7 7}	11 19 8	781 12 9	..	..	165 17 2	8,789 14 2	781 12 9	82 3 4	83 13 10	..
46. Hastings	{(A) 14,083 3 6 (B) 6 5 0}	12 1 0	1,108 1 3	2 17 5	(A) 317 10 5 (B) ..	..	14,103 9 4	1,108 1 3	33 5 4	..	287 2 8

FLOOD PROTECTION DISTRICTS.
DISTRICT BALANCE SHEETS AS AT 30TH JUNE, 1945.

District.	Liabilities.							Assets.				
	Capital borne by— (A) State, (B) District.	Redemption Account.	Depreciation Account.	Sundry Creditors.	Accumulated Deficiency Chargeable to— (A) District Account. (B) State Account.	Profit and Loss Account.						
						Gain.	Loss.					
	£ s. d.	£ s. d.	£ s. d.	£ s. d.	£ s. d.	£ s. d.	£ s. d.	Works at Cost.	Water Supply Works Depreciation Fund.	Sundry Debtors.	Accumulated Surplus Credited to District Accounts.	Profit and Loss Account.
1. Cardinia	(A) 105,290 18 1	..	..	1 2 10	..	3,276 7 11	105,290 18 1	105,290 18 1	..	1,780 8 1	1,497 2 8	..
2. Kanyapella	(A) 3,885 1 5	64 4 2	..	..	..	1,409 0 5	3,949 5 7	3,949 5 7	..	713 19 3	695 1 2	..
3. Lower Koo-wee-rup	(A) 271,667 5 10	..	..	9 0 8	(A) 3,619 1 8	..	271,667 5 10	271,667 5 10	..	2,606 14 3	..	1,021 8 1
4. Loch Garry	(A) 18,621 18 11	..	..	..	..	3,121 8 5	18,621 18 11	18,621 18 11	..	1,380 12 0	1,740 16 5	..
Totals	(A) 399,465 4 3	64 4 2	..	10 3 6	(A) 3,619 1 8	7,806 16 9	399,529 8 5	399,529 8 5	..	6,481 13 7	3,933 0 3	1,021 8 1
							£410,965 10s. 4d.					
							£410,965 10s. 4d.					

SUMMARY OF DISTRICT BALANCE SHEETS AS AT 30TH JUNE, 1945.

District.	Liabilities.						Assets.				
	Capital borne by— (A) State (B) District.	Redemption Account.	Depreciation Account.	Sundry Creditors.	Accumulated Deficiency Chargeable to— (A) District Account. (B) State Account.		Works at Cost.	Water Supply Works Depreciation Fund.	Sundry Debtors.	Accumulated Surplus Credited to District Account.	Profit and Loss Account. Loss.
					£	s. d.					
Coliban System	£ s. d. {(A) 1,403,126 5 2} {(B) 292,809 19 5}	£ s. d. 6,525 6 6	£ s. d. 57,171 14 2	£ s. d. 62 18 6	£ s. d. {(A) 870,372 13 5} {(B) 16,703 11 3}	£ s. d. ..	£ s. d. 1,696,183 5 2	£ s. d. 47,273 18 11	£ s. d. 7,908 18 2	£ s. d. ..	£ s. d. 865,306 6 2
Irrigation Districts	(A) 13,668,783 3 4	27,142 3 5	99,973 5 0	1,382 7 5	{(A) 732,499 3 0} {(B) 48,720 16 1}	61,216 18 7	13,695,925 6 9	83,256 5 0	163,552 17 6	27,916 11 1	669,066 16 6
Irrigation Urban Divisions	{(A) 47,254 15 9} {(B) 15,082 18 10}	669 8 4	5,218 12 3	8 10 1	{(A) 522 6 9} {(B) 815 18 1}	9,204 11 1	63,006 15 5	5,032 2 6	1,626 17 8	7,788 8 8	1,322 16 11
Waterworks Districts	{(A) 4,355,578 14 6} {(B) 286,284 1 1}	8,245 12 9	69,110 10 9	522 0 0	{(A) 864,951 2 9} {(B) 625,666 7 4}	37,319 8 5	4,602,108 8 4	34,715 10 9	247,330 10 1	26,448 1 3	1,293,084 7 2
Waterworks Urban Districts	{(A) 1,164,661 12 0} {(B) 591,537 1 10}	22,035 13 3	109,463 5 5	325 9 7	{(A) 16,823 7 3} {(B) 7,889 15 4}	96,845 2 1	1,777,442 4 10	107,525 18 11	30,586 3 7	76,084 8 3	17,342 13 2
Flood Protection Districts	399,465 4 3	64 4 2	..	10 3 6	(A) 3,619 1 8	7,806 16 9	399,529 8 5	..	6,481 13 7	3,933 0 3	1,021 8 1
Drainage Districts	(A) 69,619 4 9	..	12,809 4 1	17 14 8	{(A) 12,206 11 9} {(B) 41,422 4 11}	2,769 4 9	69,619 4 9	12,711 2 8	5,940 15 3	1,433 6 2	50,019 16 1
Totals	{(A) 21,108,488 19 9} {(B) 1,157,714 1 2}	*64,682 10 5	353,755 11 8	2,329 3 9	{(A) 2,469,094 6 7} {(B) 745,218 13 0}	215,162 1 8	*22,303,814 13 8	290,514 18 9	446,627 15 10	144,223 15 8	2,897,164 4 1
			£26,097,345 8s.						£26,097,345 8s.		

* Inclusive of interest charged (and redeemed) on works prior to works becoming revenue-producing—Murray Valley Irrigation District £1,052 18s.; Allansford Urban District £31 9s. 1d.; Dromana-Portsea Urban District £8,140 14s. 9d.; Total, 59,224 18s. 10d.

† Exclusive of Diversions Branch and Avoca Waterworks Trust.

SUB-SURFACE DRAINAGE WORKS.

The cost of the extensive Sub-surface Drainage Works constructed in the important dried fruit centres of Red Cliffs, Merbein, Mildura, Woorinen, and Nyah has been met by grants approved from Unemployment Relief Loan Funds, supplemented by contributions from growers.

A condition of the grants was that settlers would contribute £5 per irrigable acre in respect to the schemes at Red Cliffs, Merbein, and Mildura, £2 10s. per irrigable acre for planted areas and £1 per irrigable acre for unplanted areas in respect to the Woorinen scheme, and £5 per irrigable acre for areas under intense culture or £2 10s. per irrigable acre for lands 5 acres or more in extent not under intense culture in respect of the Nyah scheme.

Such portion of the contributions, as required, was to be applied to supplement the grants from Unemployment Relief Funds and the balance paid to State Loans Repayment Fund (Unemployment Relief) as part recoup of the moneys made available by the State to carry out the works.

The expenditure to 30th June, 1945, in the respective areas is set out hereunder :—

Area.	Source of Funds		Total Cost of Scheme to 30th June, 1945.
	Unemployment Relief Loan Funds.	Growers' Contributions during Construction.	
	£ s. d.	£ s. d.	£ s. d.
Red Cliffs Drainage District	151,900 9 10	18,549 0 6	170,449 10 4
Merbein Drainage District	93,821 18 7	19,749 15 1	113,571 13 8
First Mildura Irrigation Trust District	211,142 13 10	52,867 19 8	264,010 13 6
Woorinen Drainage District	51,139 6 5	..	51,139 6 5
Nyah Drainage District	21,734 8 8	..	21,734 8 8
Totals	529,738 17 4	91,166 15 3	620,905 12 7

The following statement shows the position of the payments in respect of growers' contributions to the respective sub-surface drainage schemes.

Area.	Total Amount of Contributions.	Instalments Due to 30th June, 1945.	Payments made as at 30th June, 1945.	Arrears of Contributions as at 30th June, 1945.
	£ s. d.	£ s. d.	£ s. d.	£ s. d.
Red Cliffs Drainage District	41,305 6	41,305 6 8	*41,045 5 10	300 17 6
Merbein Drainage District	31,727 10 0	31,727 10 0	31,727 10 0	..
First Mildura Irrigation Trust District	53,954 13 0	53,954 13 0	53,954 13 0	..
Woorinen Drainage District	8,727 0 0	8,687 14 0	8,599 3 0	88 11 0
Nyah Drainage District	1,671 17 6	795 18 2	†835 0 0	42 3 2
Totals	137,386 7 2	136,471 1 10	136,161 11 10	431 11 8

* Includes an over payment of £40 16s. 8d. † Includes an advance payment of £81 5s.

The First Mildura Irrigation Trust raised the equivalent of the growers' contributions by means of a loan from outside sources. The Trust will recoup itself from the contributions by local growers.

DISTRICTS HELD IN TRUST BY THE COMMISSION.

STATEMENT of Receipts and Disbursements for the Year ended 31st December, 1944.

Receipts.

Name of Trust.	Bank Balance at 1st January, 1944.	1944.				Grand Total for Year 1944.
		Rates.	Water Sales.	Interest and Miscellaneous.	Total.	
	£	£	£	£	£	£
Loddon United	Cr. 847	1,868	155	38	2,061	2,908
Loddon United (Mitiamo District) .. .. .	..	148	67	17	232	232
Totals	Cr. 847	2,016	222	55	2,293	3,140

Disbursements.

Name of Trust.	Capital Debit, 31st December, 1944.	1944.					Grand Total for Year 1944.	Balances Carried Forward 1st January, 1945.
		Maintenance and Water Distribution.	Management.	Total.	Interest.	(A) Depreciation; (B) Redemption.		
	£	£	£	£	£	£	£	£
Loddon United .. .. .	..	2,043	90	2,133	..	..	2,133	Dr. 218 (Bank)
Loddon United (Mitiamo District)	1,441	268	12	280	99	{ (A) 28 (B) 528 }	935	Cr. 290 (Cash)
Totals	1,441	2,311	102	2,413	99	{ (A) 28 (B) 528 }	3,068	Cr. 72

WATER SUPPLY WORKS DEPRECIATION ACCOUNTS AS AT 30TH JUNE, 1945.

District.	Balance at 1st July, 1944.	Amounts Paid into Account 1944-45.	Interest Credited 1944-45.	Total.	Expenditure 1944-45.	Balance in Account at 30th June, 1945.
	£ s. d.	£ s. d.	£ s. d.	£ s. d.	£ s. d.	£ s. d.
IRRIGATION AND WATER SUPPLY DISTRICTS.						
Bacchus Marsh	142 12 6	*26 10 1	3 11 3	172 13 10	..	172 13 10
Boort	216 4 9	*34 15 0	5 8 1	256 7 10	..	256 7 10
Calivil	98 2 1	13 0 0	2 9 1	113 11 2	..	113 11 2
Cohuna	288 3 4	*5 0 0	2 7 7	295 10 11	..	295 10 11
Dingee	75 16 1	10 0 0	1 17 11	87 14 0	..	87 14 0
Katandra	90 11 2	12 0 0	2 5 3	104 16 5	..	104 16 5
Kerang	29 11 3	..	0 14 9	30 6 0	..	30 6 0
Maffra-Sale	1,041 18 6	130 0 0	26 1 0	1,197 19 6	..	1,197 19 6
Merbein	14,203 7 0	3,223 0 0	351 19 11	17,778 6 11	..	17,778 6 11
Murray Valley	152 9 4	*88 5 2	3 16 3	244 10 9	..	244 10 9
North Shepparton	219 2 3	26 0 0	5 9 7	250 11 10	..	250 11 10
Nyah	4,835 12 0	672 0 0	120 17 10	5,628 9 10	..	5,628 9 10
Red Cliffs	43,983 11 0	8,929 0 0	1,015 6 0	53,927 17 0	6,993 19 10	46,933 17 2
Rochester	990 2 9	*147 4 7	24 15 1	1,162 2 5	..	1,162 2 5
Rodney	1,164 10 2	*155 5 8	29 2 3	1,348 18 1	..	1,348 18 1
Shepparton	504 16 1	*104 10 4	12 12 5	621 18 10	..	621 18 10
South Shepparton	75 4 1	10 0 0	1 17 7	87 1 8	..	87 1 8
Swan Hill	3,244 1 6	*384 8 6	68 8 10	3,696 18 10	..	3,696 18 10
Tongala-Stanhope	894 9 1	106 0 0	22 7 3	1,022 16 4	..	1,022 16 4
Tragowel Plains	516 2 6	69 0 0	12 18 1	598 0 7	..	598 0 7
Tresco	417 0 0	417 0 0	10 8 6	844 8 6	..	844 8 6
Werribee	671 7 3	*91 0 8	16 15 8	779 3 7	..	779 3 7
Totals	73,854 14 8	14,654 0 0	1,741 10 2	90,250 4 10	6,993 19 10	83,256 5 0

* Inclusive of direct contributions to Depreciation Fund—Bacchus Marsh, £8 10s. 1d.; Boort, £7 15s.; Cohuna, £5; Murray Valley, £88 5s. 2d.; Rochester, £30 4s. 7d.; Rodney, £27 5s. 8d.; Shepparton, £57 10s. 4d.; Swan Hill, £44 8s. 6d.; Werribee, £9 0s. 8d. Total, £278.

URBAN DIVISIONS OF IRRIGATION AND WATER SUPPLY DISTRICTS.

Bacchus Marsh	947 2 6	126 0 0	23 13 4	1,096 15 10	0 8 0	1,096 7 10
Cohuna	442 4 4	99 0 0	10 11 5	551 15 9	19 9 1	532 6 8
Corop	45 9 7	6 0 0	1 2 9	52 12 4	..	52 12 4
Dingee	15 18 3	14 0 0	0 7 11	30 6 2	..	30 6 2
Heyfield	867 11 0	115 0 0	21 13 9	1,004 4 9	..	1,004 4 9
Leitchville	335 9 6	45 0 0	13 0 11	393 10 5	..	393 10 5
Lockington	297 18 5	61 0 0	7 9 0	366 7 5	..	366 7 5
Murrabit	33 0 0	33 0 0	0 16 6	66 16 6	..	66 16 6
Red Cliffs	1,081 19 8	193 0 0	30 12 9	1,305 12 5	41 14 3	1,263 18 2
Stanhope	183 4 1	35 0 0	7 8 2	225 12 3	..	225 12 3
Totals	4,249 17 4	727 0 0	116 16 6	5,093 13 10	61 11 4	5,032 2 6

WATERWORKS DISTRICTS.

Carwarp	240 0 0	240 0 0	6 0 0	486 0 0	..	486 0 0
Carwarp Central	26 19 7	20 0 0	0 10 0	47 9 7	..	47 9 7
Coreena	795 0 0	795 0 0	19 17 6	1,609 17 6	..	1,609 17 6
Harcourt	97 4 10	29 15 2	..	127 0 0	125 16 11	1 3 1
Hindmarsh	1,232 3 7	139 0 0	25 18 4	1,397 1 11	..	1,397 1 11
Long Lake	175 0 0	175 0 0	4 7 6	354 7 6	..	354 7 6
Millewa	2,988 0 0	2,988 0 0	62 17 5	6,038 17 5	473 4 6	5,565 12 11
Millewa Central	1,224 0 0	1,224 0 0	15 8 5	2,463 8 5	607 4 7	1,856 3 10
Mornington Peninsula	3,710 0 2	186 0 0	77 12 0	3,973 12 2	606 1 8	3,367 10 6
Otway	9,771 18 8	2,148 6 8	244 6 0	12,164 11 4	..	12,164 11 4
Tyntynder	21 10 3	21 0 0	0 10 9	43 1 0	..	43 1 0
Tyrrell	43 0 0	43 0 0	1 1 6	87 1 6	..	87 1 6
Tyrrell West	228 0 0	228 0 0	5 14 0	461 14 0	..	461 14 0
Upper Western Wimmera	169 1 2	..	..	169 1 2	..	169 1 2
Walpeup West	1,832 1 2	260 0 0	45 16 0	2,137 17 2	..	2,137 17 2
Western Wimmera	3,997 5 2	595 0 0	99 18 8	4,692 3 10	Cr. 1 0 0	4,693 3 10
Wimmera United	235 19 0	33 0 0	5 18 0	274 17 0	..	274 17 0
Totals	26,787 3 7	9,125 1 10	615 16 1	36,528 1 6	1,811 7 8	34,716 13 10

URBAN DISTRICTS OF WATERWORKS DISTRICTS.

Allansford	44 14 6	25 15 7	1 2 4	71 12 5	..	71 12 5
Anglesea	422 9 6	56 0 0	10 11 3	489 0 9	..	489 0 9
Antwerp	20 3 8	2 0 0	0 7 7	22 11 3	..	22 11 3
Barwon Heads and Ocean Grove	1,721 12 2	279 0 0	21 12 10	2,022 5 0	855 18 2	1,166 6 10
Berriwillock	121 5 11	16 0 0	3 0 8	140 6 7	..	140 6 7
Beulah	101 5 8	23 0 0	3 2 8	127 8 4	..	127 8 4
Berwick	1,632 17 3	263 0 0	40 14 8	1,936 11 11	3 10 0	1,933 1 11
Birchip	454 18 1	84 0 0	11 7 5	550 5 6	..	550 5 6
Bittern	165 17 6	34 0 0	4 2 11	204 0 5	..	204 0 5
Brim	247 15 6	31 0 0	11 1 4	289 16 10	..	289 16 10
Bunyip	1,016 10 1	144 0 0	25 7 5	1,185 17 6	1 15 0	1,184 2 6
Camperdown	3,217 1 1	638 0 0	80 8 6	3,935 9 7	..	3,935 9 7
Carrum	16,270 17 4	2,340 0 0	404 12 8	19,015 10 0	85 11 0	18,929 19 0
Carwarp	74 12 10	6 0 0	0 13 1	81 5 11	..	81 5 11
Chillingollah	69 6 7	8 0 0	1 3 4	78 9 11	..	78 9 11

WATER SUPPLY WORKS DEPRECIATION ACCOUNTS AS AT 30TH JUNE, 1945—continued.

District.	Balance at 1st July, 1944.	Amounts Paid into Account 1944-45.	Interest Credited 1944-45.	Total.	Expenditure 1944-45.	Balance in Account at 30th June, 1945.
	£ s. d.	£ s. d.	£ s. d.	£ s. d.	£ s. d.	£ s. d.
URBAN DISTRICTS OF WATERWORKS DISTRICTS—continued.						
Chinkapook	71 0 11	8 0 0	0 4 0	79 4 11	..	79 4 11
Cobden	771 16 0	155 0 0	19 5 11	946 1 11	..	946 1 11
Coliban	39,137 8 2	7,788 4 10	957 4 3	47,882 17 3	946 2 8	46,936 14 7
Cranbourne	765 13 3	101 0 0	19 2 10	885 16 1	..	885 16 1
Crib Point	298 12 6	129 0 0	11 15 10	439 8 4	95 17 6	343 10 10
Culgoa	137 0 8	18 0 0	5 8 1	160 8 9	..	160 8 9
Dandenong	10,143 17 10	1,455 0 0	252 17 10	11,851 15 8	28 5 1	11,823 10 7
Dimboola	650 4 2	155 0 0	14 9 5	819 13 7	71 5 10	748 7 9
Dooen	83 5 6	11 0 0	2 1 8	96 7 2	..	96 7 2
Dromana-Portsea	4,789 7 6	1,535 0 0	119 14 8	6,444 2 2	..	6,444 2 2
Drysdale	626 7 4	83 0 0	15 13 2	725 0 6	..	725 0 6
Frankston	7,863 2 11	1,118 0 0	195 6 5	9,176 9 4	50 5 4	9,126 4 0
Garfield	654 5 7	111 0 0	16 7 2	781 12 9	..	781 12 9
Hastings	951 17 6	161 0 0	23 2 0	1,135 19 6	27 18 3	1,108 1 3
Hicksborough	59 8 7	6 0 0	1 2 9	66 11 4	..	66 11 4
Hopetoun	393 9 6	61 0 0	9 16 9	464 6 3	..	464 6 3
Jeparit	202 5 5	39 0 0	5 1 2	246 6 7	..	246 6 7
Jung Jung	201 17 11	45 0 0	5 0 11	251 18 10	..	251 18 10
Koondrook	64 0 0	64 0 0	1 12 0	129 12 0	..	129 12 0
Lake Boga	233 8 6	68 0 0	1 14 0	303 2 6	79 11 8	223 10 10
Lalbert	293 7 7	42 0 0	4 2 11	339 10 6	127 11 5	211 19 1
Lascelles	144 15 4	21 0 0	3 12 5	169 7 9	..	169 7 9
Longwarry	777 13 3	113 0 0	19 7 11	910 1 2	1 15 0	908 6 2
Manangatang	142 18 9	66 0 0	3 5 5	212 4 2	..	212 4 2
Marnoo	408 6 11	33 0 0	6 5 1	447 12 0	..	447 12 0
Marong	289 16 4	39 0 0	7 4 11	336 1 3	..	336 1 3
Merbein	1,039 3 4	137 0 0	25 16 11	1,202 0 3	0 15 0	1,201 5 3
Meringur	112 14 3	13 0 0	1 15 5	127 9 8	..	127 9 8
Minyip	267 3 1	75 0 0	6 13 7	348 16 8	..	348 16 8
Mornington	4,206 5 10	848 0 0	103 6 3	5,157 12 1	73 15 0	5,083 17 1
Nandaly	9 0 0	9 0 0	0 4 6	18 4 6	..	18 4 6
Natinuk	379 0 8	50 0 0	9 9 6	438 10 2	..	438 10 2
Newstead	334 6 8	51 0 0	8 7 2	393 13 10	..	393 13 10
North Wonthaggi	422 16 6	44 0 0	8 6 9	475 3 3	..	475 3 3
Nullawil	102 17 3	10 0 0	0 2 8	112 19 11	97 9 9	15 10 2
Nyah	182 5 7	31 0 0	4 7 3	217 12 10	..	217 12 10
Nyah West	955 8 0	116 0 0	27 18 2	1,099 6 2	..	1,099 6 2
Ouyen	516 4 3	111 0 0	12 18 1	640 2 4	..	640 2 4
Pakenham	1,740 1 0	231 0 0	37 17 0	2,008 18 0	Cr. 1 0 0	2,009 18 0
Patchewollock	44 19 6	17 0 0	..	61 19 6	Cr. 1 0 0	62 19 6
Piangil	227 12 1	52 0 0	13 8 3	293 0 4	..	293 0 4
Portarlinton	1,121 7 0	195 0 0	28 0 8	1,344 7 8	..	1,344 7 8
Pyramid Hill	432 9 1	39 0 0	7 14 3	479 3 4	194 11 0	284 12 4
Quambatook	320 11 0	43 0 0	13 3 9	376 14 9	..	376 14 9
Queenscliff and Point Lonsdale	3,849 8 8	514 0 0	90 16 7	4,454 5 3	216 6 9	4,237 18 6
Rainbow	331 6 7	48 0 0	8 5 8	387 12 3	..	387 12 3
Rupanyup	308 11 6	57 0 0	7 14 3	373 5 9	..	373 5 9
Sea Lake	683 12 5	75 0 0	21 7 10	780 0 3	336 17 0	443 3 3
Somerville	447 5 5	59 0 0	11 0 10	517 6 3	5 13 4	511 12 11
South Frankston	1,860 18 3	312 0 0	45 4 6	2,218 2 9	51 17 1	2,166 5 8
Speed	242 4 3	19 0 0	3 10 11	264 15 2	..	264 15 2
Springvale	6,134 12 9	865 0 0	151 17 3	7,151 10 0	60 3 4	7,091 6 8
Tempy	210 16 3	17 0 0	3 4 1	231 0 4	..	231 0 4
Terang	2,571 17 3	506 0 0	64 5 11	3,142 3 2	..	3,142 3 2
Torquay	729 17 10	97 0 0	18 4 11	845 2 9	..	845 2 9
Ultima .. .. .	..	40 9 4	1 14 2	42 3 6	Cr. 1 0 0	43 3 6
Waitehie	112 11 1	18 0 0	2 16 3	133 7 4	..	133 7 4
Walpeup	96 17 11	13 0 0	2 8 5	112 6 4	..	112 6 4
Watchem	296 0 4	35 0 0	6 12 8	337 13 0	..	337 13 0
Werrimull	371 8 6	42 0 0	7 15 0	421 3 6	..	421 3 6
Wonthaggi	3,671 19 11	364 0 0	124 10 2	4,160 10 1	2 0 3	4,158 9 10
Woomelang	492 15 5	65 0 0	12 6 5	570 1 10	..	570 1 10
Woorinen	140 7 11	32 0 0	2 11 3	174 19 2	..	174 19 2
Wycheproof	1,318 13 10	143 0 0	27 2 0	1,488 15 10	..	1,488 15 10
Yaapeet	133 2 7	18 0 0	5 3 8	156 6 3	..	156 6 3
Totals	132,155 9 4	22,786 9 9	3,268 11 1	158,210 10 2	3,411 15 5	154,798 14 9

DRAINAGE DISTRICTS.

Merbein	3,670 15 4	535 0 0	91 15 5	4,297 10 9	..	4,297 10 9
Nyah	126 10 0	95 0 0	3 3 3	224 13 3	..	224 13 3
Red Cliffs	6,039 7 3	879 0 0	150 19 8	7,069 6 11	..	7,069 6 11
Woorinen	884 9 6	213 0 0	22 2 3	1,119 11 9	..	1,119 11 9
Totals	10,721 2 1	1,722 0 0	268 0 7	12,711 2 8	..	12,711 2 8
Grand Totals	247,768 7 0	*49,014 11 7	6,010 14 5	302,793 13 0	12,278 14 3	290,514 18 9

* Inclusive of £278 direct contribution to Depreciation Fund.

**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.				Water Supply Works Depreciation Fund (In Treasury).					
	£	s.	d.	£	s.	d.	£	s.	d.
Balance from 1943-44	..	..		247,768	7	0	Credit Balance as at 30th June, 1944	..	77,665 16 10
Paid into Account 1944-45	..	48,736 11 7					Less Expenditure 1944-45	..	12,278 14 3
Paid by Commission direct to Fund 1944-45	..	278 0 0		49,014 11 7					65,387 2 7
				296,782 18 7			Paid by Commission direct to Fund 1944-45	..	278 0 0
Interest Credited 1944-45	..	..		6,010 14 5					65,665 2 7
				302,793 13 0			Amount transferred to Fund by Treasury 1944-45	..	52,224 0 0
Less Expenditure 1944-45	..	..		12,278 14 3					117,889 2 7
				290,514 18 9			Less Amount invested by Treasury 1944-45	..	60,000 0 0
									57,889 2 7
							Interest earned in Investment Account 1944-45	..	4,955 4 10
									62,844 7 5
							Amount at Credit of Sundry Investments Account		219,341 8 11
							Amount credited to Account in Commission books — not credited to Fund by Treasury at 30th June, 1944	..	3,879 7 6
							Add Amount paid to Revenue 1944-45	..	48,736 11 7
									52,615 19 1
							Less Amount transferred to Fund by Treasury 1944-45	..	52,224 0 0
									391 19 1
							Add—	£	s. d.
							Total Interest credited to Account in Commission books at 30th June, 1945	..	20,825 7 11
							Less Amount credited to Fund by Treasury at 30th June, 1945	..	12,888 4 7
									7,937 3 4
							Amount not credited to Fund by Treasury at 30th June, 1945	..	8,329 2 5
				290,514 18 9					290,514 18 9

WATER SUPPLY PLANT AND MACHINERY ACCOUNT (ACT 4761).

SUMMARY OF OPERATIONS FOR YEAR ENDED 30TH JUNE, 1945.

	£	s.	d.	£	s.	d.		£	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—							Interest due for year paid to Revenue No. 2, to 30th June, 1945				1,390	5	4
Interest with respect to Capital Liability of—							Redemption paid to Revenue No. 9, Miscellaneous, to 30th June, 1945				95	6	3
As at 30th June, 1945, £33,669 8s. 4d. ..	2,744	8	8				Water Supply Plant and Machinery Depreciation Fund (in Treasury)—						
Redemption	143	15	10				Proceeds from hire of plant Operating Account Credit ..	8,503	1	9			
Depreciation	8,503	1	9					10,974	11	4			
Cost of Operation, Maintenance and Repairs ..	11,899	16	11				Interest on Fund Investment ..	1,013	16	1	11,988	7	5
				23,291	3	2					8,912	5	4
Interest—Depreciation Fund Investment ..				1,013	16	1	Cost of Operation, Maintenance, and Repairs..				13,078	11	8
Balance from 1943-44				11,159	16	9	Stores Suspense Account Reserve						
											35,464	16	0
				35,464	16	0							

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

<i>Water Supply Plant and Machinery Depreciation Account.</i>				<i>Water Supply Plant and Machinery Depreciation Fund (in Treasury).</i>						
	£	s.	d.	£	s.	d.	£	s.	d.	
Credit Balance as at 30th June, 1944 .. .. .	..	..	..	40,552	3	9	Balance as per Treasury General Account as at 30th June, 1944 .. .. .	..	..	24,545 19 4
Paid in to Account 1944-45:—							Less Amount transferred by Treasury to Investment Account during 1944-45 .. .. .	..	..	20,000 0 0
Proceeds from Hire of Plant ..	8,503	1	9							4,545 19 4
Other Credits to Account ..	4,051	16	7							
	12,554	18	4				Payments to Fund during 1944-45	12,554	18	4
Interest Credited for year 1944-45	1,013	16	1				Interest credited by Treasury on Investments for year 1944-45	625	0	0
				13,568	14	5				13,179 18 4
							Balance as per Treasury General Account as at 30th June, 1945	..	..	17,725 17 8
							Amount invested in Treasury Investment Account .. .. .	..	..	35,000 0 0
							Interest earned but not yet transferred to Fund—			
							As at 30th June, 1944 ..	1,518	17	10
							Earned for year 1944-45 ..	1,013	16	1
										2,532 13 11
							Less amount credited to Fund by Treasury—			
							As at 30th June, 1944	512	13	5
							Cr. for year 1944-45 ..	625	0	0
										1,137 13 5
										1,395 0 6
				54,120	18	2				54,120 18 2

CONTRACTS.

STATEMENT OF CONTRACTS ENTERED INTO DURING THE YEAR ENDED 30TH JUNE, 1945.

No.	Name of Contractor.	Work or Supply.	Amount (Loan and Vote).		
			£	s.	d.
3172	Hume Pipe Co. (Aust.) Ltd. 	7,800 lin. ft. R.C. Pressure Pipes, Mornington Peninsula	6,557	4	9
3173	Davies Shephard Pty. Ltd. 	3,000 Water Meters—Districts generally 	9,975	0	0
3174	Ramsden and Chaplin Pty. Ltd. 	2,000 Water Meters—Districts Generally 	6,625	0	0
3175	Hume Pipe Co. (Aust.) Ltd. 	5,000 lin. ft. R.C. Culvert pipes—Wychitella ..	3,591	13	4
3176	Rocla Ltd. 	7,000 lin. ft. R.C. Pressure pipes—Wychitella ..	7,113	15	0
3177	Southern States Drilling Co. Pty. Ltd. ..	Vertical case boring—Eildon Reservoir 	3,981	6	3
3178	Goldfields Diamond Drilling Co. Pty. Ltd. ..	Vertical and diagonal boring—Eildon Reservoir ..	9,350	0	0
3179	Hume Pipe Co. (Aust.) Ltd. 	7,800 lin. ft. R.C. Pipes—Mornington Peninsula ..	4,351	4	8
3180	Southern States Drilling Co. Pty. Ltd. ..	Boring for Domestic and Stock Water Supply—Werribee	321	15	0
3181	Hume Pipe Co. (Aust.) Ltd. 	Manufacture and laying 19,000 lin. ft. R.C. pipes— Bellarine Peninsula	7,851	6	10
3182	Australian Cement Ltd. 	1,500 tons Portland Cement—Works generally ..	5,575	0	0
3183	Hume Steel Ltd. 	Supply and delivery Well-bore casing—Districts generally	11,641	13	4
3184	Peter Kenneally 	3,400 c. yd. trenching and backfilling—Mornington Peninsula	1,122	0	0
..	Contracts at Piecework Rates ..	{ Channel Construction—Murray Valley District ..	55,176	7	7
		{ Firewood Supplies—Pumping Plants 	16,140	5	6
		{ Miscellaneous 	120	18	7
		Total 	149,494	10	10

DIRECT LABOUR 1944-45.

The construction of the larger works is still being mainly carried out by "Direct Labour," and the Statement hereunder shows the respective works on which this expenditure has been incurred. The principal payments during the year were:—

Works.	Loan Funds.	
	£	
River Murray Storages	4	
Murray Valley District	20,961	
Glenelg River Works	73	
Wimmera Mallee System	701	
Wychitella District	3,354	
Merbein and Red Cliffs Districts	107	
Rivers and Reclamation Division— Kooweerup and Cardinia Districts	1,965	
Main Urban Supplies Division— Mornington Peninsula District	2,965	
Bellarine Peninsula District	396	
Otway District	729	
Coliban System	1,392	
Goulburn Division— Deakin, Rochester, Rodney, Shepparton and Tongala—Stanhope Districts	5,824	
Gippsland and Southern Division— Maffra—Sale, Bacchus Marsh and Werribee Districts	302	
Loddon Division— Boort, Tragowel Plains, Nyah, Swan Hill, Cohuna, Kerang, Kerang North-West Lakes, Koondrook, Mystic Park, Tresco and Normanville Districts	4,953	
Miscellaneous	18	
Surveys and Investigations	12,122	
Total	55,866	

CAPITAL EXPENDITURE.

STATEMENT OF MONEYS EXPENDED FROM STATE FUNDS UNDER WATER SUPPLY LOAN ACTS FOR THE YEAR ENDED 30TH JUNE, 1945.

Works.	Water Supply Loan Funds.			Treasurer's Advance.
	Act 4979.	Act 5048.	Total Ordinary Loan Funds.	
	£ s. d.	£ s. d.	£ s. d.	£ s. d.
<i>Free Headworks.</i>				
Kow Swamp Works	1,502 13 9	2,096 18 11	3,599 12 8	..
<i>Main Supply Works.</i>				
Torrumbarry System (excluding Weir)	45 16 3	240 13 10	286 10 1	..
Eppalock Reservoir	6 12 6	253 14 2	260 6 8	..
Surveys and Investigations	4,994 7 8	24,539 3 10	29,533 11 6	..
Plant and Machinery .. .. .	..	3,577 10 0	3,577 10 0	..
Eildon Reservoir	7,455 0 6	12,454 8 6	19,909 9 0	..
Glenmaggie Weir .. .. .	..	336 12 7	336 12 7	..
Cairn Curran Reservoir .. .. .	..	..	..	17,985 0 0
Melton Reservoir .. .. .	..	22 18 4	22 18 4	..
Pyke's Creek Reservoir .. .. .	..	10 2 6	10 2 6	..
Rocklands Storage	922 13 6	7,866 15 6	8,789 9 0	..
Rocklands Outlet Channel	83 0 7	481 11 10	564 12 5	..
Toolondo Outlet Channel	40 19 9	3 8 4	44 8 1	..
Glenelg River to Wimmera-Mallee, Section 1	Cr. 121 2 2	Cr. 13 7 8	Cr. 134 9 10	..
<i>Irrigation and Water Supply Districts.</i>				
Boort	16 16 3	1 8 4	18 4 7	..
Campaspe	269 14 11	435 9 4	705 4 3	..
Cohuna	2 3 3	0 3 4	2 6 7	..
Deakin .. .. .	..	14 6 3	14 6 3	..
Katandra .. .. .	..	8 3 8	8 3 8	..
Kerang	400 0 0	447 17 3	847 17 3	..
Koondrook .. .. .	..	703 12 7	703 12 7	..
Maffra-Sale	127 13 1	452 2 2	579 15 3	..
Murray Valley .. .. .	..	111,849 5 11	111,849 5 11	..
Mystic Park .. .. .	..	56 11 1	56 11 1	..
Red Cliffs	576 4 1	56 8 5	632 12 6	..
Rochester	918 11 7	350 16 4	1,269 7 11	..
Rodney	535 8 7	768 9 2	1,303 17 9	..
Shepparton .. .. .	..	16 5 0	16 5 0	..
South Shepparton	16 0 0	1 6 8	17 6 8	..
Swan Hill .. .. .	..	73 7 10	73 7 10	..
Third Lake .. .. .	..	79 12 5	79 12 5	..
Tongala-Stanhope	487 9 0	716 5 3	1,203 14 3	..
Tragowel Plains	1 2 4	851 17 3	852 19 7	..
<i>Urban Divisions.</i>				
Heyfield .. .. .	..	107 14 4	107 14 4	..
Lockington	3 10 7	0 6 8	3 17 3	..
Red Cliffs	156 1 7	Cr. 27 11 8	128 9 11	..
<i>Waterworks Districts.</i>				
Bellarine Peninsula (including Headworks)	963 4 5	1,608 7 8	2,571 12 1	..
Carwarp Central	175 0 0	14 11 8	189 11 8	..
Coreena	180 0 0	15 0 0	195 0 0	..
Harcourt .. .. .	..	52 7 9	52 7 9	..
Kerang North-West Lakes .. .. .	..	12 2 6	12 2 6	..
Long Lake	98 9 6	48 4 7	146 14 1	..
Mornington Peninsula (including Headworks)	1,966 12 9	3,905 16 4	5,872 9 1	..
Otway	149 17 7	3,088 9 5	3,238 7 0	..
Normanville	3,313 10 7	1,577 5 9	4,890 16 4	..
Upper Wimmera United	40 0 0	3 6 8	43 6 8	..
Western Wimmera	422 1 2	256 18 4	678 19 6	..
Wimmera United	475 5 7	1,439 4 9	1,914 10 4	..
Wychitella (under construction) .. .. .	..	24,369 16 2	24,369 16 2	..
<i>Urban Districts of Waterworks Districts.</i>				
Allansford	50 17 4	4 5 0	55 2 4	..
Anglesea	3 9 6	4 9 9	7 19 3	..
Barwon Heads and Ocean Grove	43 17 6	55 4 10	99 2 4	..
Berriwillock	7 12 5	0 10 10	8 3 3	..
Berwick	12 18 0	58 19 8	71 17 8	..
Beulah .. .. .	..	Cr. 3 0 0	Cr. 3 0 0	..
Carried forward	26,343 13 11	205,346 9 11	231,690 3 10	17,985 0 0

CAPITAL EXPENDITURE—continued.

STATEMENT OF MONEYS EXPENDED FROM STATE FUNDS UNDER WATER SUPPLY LOAN ACTS FOR THE YEAR ENDED 30TH JUNE, 1945—continued.

Works.	Water Supply Loan Funds.			Treasurer's Advance.
	Act 1979.	Act 5048.	Total Ordinary Loan Funds.	
	£ s. d.	£ s. d.	£ s. d.	£ s. d.
Brought forward	26,343 13 11	205,346 9 11	231,690 3 10	17,985 0 0
<i>Urban Districts of Waterworks Districts—continued.</i>				
Bittern .. .. .	.. .. .	10 16 8	10 16 8	..
Brim	16 2 0	1 6 8	17 8 8	..
Bunyip .. .. .	.. .. .	19 15 5	19 15 5	..
Camperdown	115 17 3	291 8 0	407 5 3	..
Carrum	145 18 3	305 18 1	451 16 4	..
Cobden .. .. .	.. .. .	8 14 4	8 14 4	..
Coliban	2,393 11 4	3,447 11 9	5,841 3 1	..
Cranbourne	0 18 0	7 10 2	8 8 2	..
Dandenong	79 8 6	37 2 6	116 11 0	..
Dimboola	5 13 2	0 10 0	6 3 2	..
Dromana-Portsea	160 2 10	1,701 7 8	1,861 10 6	..
Drysdale	12 19 0	12 11 2	25 10 2	..
Frankston	263 3 5	229 0 8	492 4 1	..
Garfield	6 12 4	11 1 11	17 14 3	..
Hastings	Cr. 4 14 6	Cr. 0 8 4	Cr. 5 2 10	..
Hicksborough .. .. .	.. .. .	3 12 2	3 12 2	..
Hopetoun	155 8 6	25 4 10	180 13 4	..
Koondrook .. .. .	.. .. .	3 16 10	3 16 10	..
Lake Boga .. .. .	.. .. .	95 11 3	95 11 3	..
Lascelles .. .. .	.. .. .	Cr. 3 0 0	Cr. 3 0 0	..
Longwarry .. .. .	.. .. .	10 14 11	10 14 11	..
Marnoo	64 12 4	18 18 4	83 10 8	..
Merbein .. .. .	.. .. .	43 12 2	43 12 2	..
Minyip	2 12 8	19 10 6	22 3 2	..
Mornington	51 15 9	279 15 0	331 10 9	..
Pakenham	0 17 6	33 0 1	33 17 7	..
Portarlington	175 2 9	29 19 10	205 2 7	..
Pyramid Hill	1,050 6 3	289 9 6	1,339 15 9	..
Queenscliff and Point Lonsdale	64 17 2	686 6 10	751 4 0	..
Rainbow	19 10 0	1 11 8	21 1 8	..
Rupanyup .. .. .	.. .. .	54 19 8	54 19 8	..
Sea Lake .. .. .	.. .. .	7 9 2	7 9 2	..
Somerville	0 3 4	.. .. .	0 3 4	..
South Frankston	37 2 4	20 7 8	57 10 0	..
Speed .. .. .	.. .. .	Cr. 6 0 0	Cr. 6 0 0	..
Springvale	223 10 2	249 5 4	472 15 6	..
Terang	7 5 3	42 3 0	49 8 3	..
Torquay	21 4 0	36 10 0	57 14 0	..
Wonthaggi	0 4 8	76 14 8	76 19 4	..
Woomelang .. .. .	.. .. .	6 17 6	6 17 6	..
<i>Flood Protection Districts.</i>				
Cardinia	Cr. 4 9 7	83 0 9	78 11 2	..
Lower Kooweerup	2,207 0 4	3,144 19 5	5,351 19 9	..
<i>Drainage Districts.</i>				
Carrum	9 10 0	1 8 8	10 18 8	..
Cohuna	2,011 9 9	1,487 13 8	3,499 3 5	..
Kerang East .. .. .	.. .. .	87 1 2	87 1 2	..
Maffra-Sale	451 6 7	240 8 4	691 14 11	..
Nyah	809 6 10	1,775 18 9	2,585 5 7	..
Red Cliffs .. .. .	.. .. .	33 13 8	33 13 8	..
Rochester .. .. .	.. .. .	2 13 10	2 13 10	..
Rodney	21 0 7	239 6 1	260 6 8	..
Shepparton	4,913 6 1	3,543 2 1	8,456 8 2	..
Waterworks Trusts and Local Governing Bodies	3,638 18 2	28,176 0 2	31,814 18 4	..
Totals	45,471 6 11	252,272 14 1	297,744 1 0	17,985 0 0

SUMMARY.

Ordinary Loan Funds (Acts 4979 and 5048)	£ s. d.
Treasurer's Advance	297,744 1 0
	17,985 0 0
Total Capital Expenditure from State Funds	315,729 1 0

STATEMENT OF REVENUE SETTING OUT ARREARS AS AT 1ST JULY, 1944, AND AS AT 30TH JUNE, 1945, RESPECTIVELY.

	Total.	Water Act 1940, (No. 4740), Sec. 3.		General Rate.		Irrigation Charge.		Drainage Rate.		Flood Protection Charge.		Sales of Water.		Meter Rent.	Miscellaneous.
		Consolidated Arrears.	Interest.	Rate.	Interest.	Charge.	Interest.	Rate.	Interest.	Charge.	Interest.	Sales.	Interest.		
Arrears as at 1st July, 1944 ..	£ 486,869	£ 290,588	£ 9,970	£ 87,275	£ 11,055	£ 28,296	£ 1,277	£ 3,713	£ 508	£ 1,599	£ 139	£ 46,725	£ 381	£ 817	£ 4,526
Assessments 1944-45 ..	512,081	..	..	203,858	..	219,346	..	20,917	..	7,960	..	..	..	..	..
Additional Water Sales, Meter Rents, and Interest Charges to 30th June, 1945 ..	203,765	..	4,163	..	5,970	..	1,381	..	212	..	102	148,549	480	6,518	36,390
Total Amount Collectable, 1944-45 ..	1,202,715	290,588	14,133	351,133	17,025	247,642	2,658	24,630	720	9,559	241	195,274	861	7,335	40,916
Deduct—															
(i) Revenue Collected 1944-45 ..	713,006	32,279	402	239,106	2,322	217,514	1,470	21,575	256	7,877	80	148,961	283	6,317	34,564
(ii) Credits Absorbed ..	3,067	53	2	807	3	232	..	33	..	10	..	297	..	304	1,326
Balance ..	486,642	258,256	13,729	111,220	14,700	29,896	1,188	3,022	464	1,672	161	46,016	578	714	5,026
Add—Amounts Overpaid ..	3,844	..	7	500	2	872	..	14	..	4	..	813	..	84	1,548
Total = Gross Arrears at 30th June, 1945 ..	490,486	258,256	13,736	111,720	14,702	30,768	1,188	3,036	464	1,676	161	46,829	578	798	6,574
Deduct—Amounts recommended for Writing Off 1944-45 ..	*22,620	1,135	1,079	6,732	619	11,539	11	184	26	55	7	921	19	11	282
BALANCE = Net Arrears as at 30th June, 1945 ..	467,866	257,121	12,657	104,988	14,083	19,229	1,177	2,852	438	1,621	154	45,908	559	787	6,292

This Statement is subject to Audit and minor adjustments.

*Excludes £2 7 11 overstated in Writing Off List and £48 overcharge Subsurface Drainage contributions.

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.—FREE HEADWORKS.

A.—FREE HEADWORKS.		Expenditure.		Totals at 30th June, 1945.	
		£	s. d.	£	s. d.
Broken River Works. —Casey's Weir and offtake, with about 59 chains of channel to the Broken Creek; Gowangardie Weir with offtake sluice					
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)				14,832	15 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				740,002	18 2
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				26,615	14 9
Lake Lonsdale Reservoir. —Reservoir at Lake Lonsdale, on the Little Wimmera River, near Ledcourt				194,316	8 11
Loddon River Works. —Laanecoorie Weir, on the Loddon; Bridgewater Weir, on the Loddon; Kinypanal Weir, on the Loddon				49,057	4 2
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				173,366	13 10
Lower Wimmera Compensation Works. —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				27,305	18 5
				8,663	12 3

B.—CAPITAL WORKS AND CHARGES NOT APPORTIONABLE TO DISTRICTS.

Geelong (inclusive of Loan Flotation Expenses)
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C.—HEADWORKS (EXCLUSIVE OF FREE HEADWORKS).

IN RESPECT OF IRRIGATION AND WATER SUPPLY DISTRICTS AND WATERWORKS DISTRICTS.

Goulburn and Loddon Storages (exclusive of Free Headworks)—				£	s.	d.	£	s.	d.
Investigations	..	..	..	6,534	7	4	..	..	..
Eildon Reservoir	..	..	..	1,903,072	1	5	..	..	..
Waranga Reservoir Enlargement	..	..	..	609,136	6	4	..	..	..
Laanecore Weir Improvements	..	..	..	2,509	9	3	..	..	..
Cairn Curran Reservoir	..	..	£17,985 0 0	..	..	..	..	..	..
Less Treasurers Advance, Cairn Curran Reservoir	..	..	£17,985 0 0	..	..	..	..	..	..
Goulburn Main Channels—				..	..	..	2,521,252	4	4
East Goulburn Main	..	..	..	363,962	18	7	..	..	..
Goulburn-Waranga	..	..	..	6,922	8	4	..	..	..
Waranga-Western Main	..	..	..	1,047,524	8	8	..	..	..
Main Distributaries	..	..	..	10,635	13	0	..	..	..
Total Goulburn and Loddon Works (exclusive of Free Headworks)				..	..	..	3,950,297	12	11
Less Debited to Wimmera-Mallee				..	..	..	100,190	3	9
Bacchus Marsh and Werribee Schemes—				..	..	..	3,850,107	9	2
Ballan Tunnel	..	..	..	..	..	..	21,677	14	8
Pykes Creek Reservoir	..	..	..	..	..	..	142,334	15	7
Melton Reservoir	..	..	..	..	..	..	99,858	8	2
Lerderg River Flats	..	..	..	..	..	..	330	0	8
Bellarine Peninsula Waterworks District (exclusive of cost of Urban Reticulation, £42,294 9s. 11d.)				..	..	..	471,796	15	6
Less Redemption paid to Revenue				..	..	..	1,461	18	0
Mornington Peninsula Waterworks District (exclusive of cost of Distributary Works and Urban Reticulation, £309,955 2s. 9d.)				..	..	..	993,679	8	11
Less Redemption paid to Revenue				..	..	..	947	17	10
Maffra-Sale Scheme—Glennaggie Reservoir				..	..	..	..	..	..
River Murray Agreement Works (Victorian Contributions under River Murray Waters Acts)	..	..	..	..	..	..	..	..	..
River Murray State Works—Surveys, &c.	..	..	..	..	..	..	..	..	..
Otway Waterworks District (exclusive of cost of Urban Reticulation, £90,343 16s. 1d.)	..	..	..	..	..	..	257,647	8	10
Less Redemption Paid to Revenue				..	..	..	1,723	14	8
Wimmera-Mallee—				..	..	..	255,923	14	2
Main Channels and Storages inclusive of £100,190 3s. 9d. from Goulburn Works	..	..	..	..	..	..	948,311	19	2
Glenelg River Development Works (Under Construction, Not Apportioned to Districts)				..	..	..	10,459,019	4	3
				..	..	..	186,522	5	5
				..	..	..	1,134,834	4	7
				..	..	..	10,645,541	9	8

Carried forward ..

13,296,293 11 4

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

1. Bacchus Marsh ..	..	13,881	3	7	13,881	3	7	10,129	14	2	..	3,751	9	5	3,751	9	5
2. Cohuna ..	..	9,016	1	11	9,016	1	11	3,202	2	0	..	5,813	19	11	5,813	19	11
3. Corop ..	..	231	15	6	231	15	6	..	..	..	..	231	15	6	231	15	6
4. Dingee ..	..	1,452	4	5	1,452	4	5	..	..	..	..	1,452	4	5	1,452	4	5
5. Heyfield ..	..	12,371	4	6	12,371	4	6	..	..	..	..	12,371	4	6	12,371	4	6
6. Leitchville ..	..	3,876	11	3	3,876	11	3	..	..	..	..	3,876	11	3	3,876	11	3
7. Lockington ..	..	2,231	11	6	2,231	11	6	122	7	1	..	2,109	4	5	2,109	4	5
8. Murrabit ..	..	1,047	15	9	1,047	15	9	..	..	..	..	1,047	15	9	1,047	15	9
9. Red Cliffs ..	..	16,736	11	8	16,736	11	8	1,628	15	7	..	15,107	16	1	15,107	16	1
10. Stanhope ..	..	1,492	14	6	1,492	14	6	..	..	..	..	1,492	14	6	1,492	14	6
Totals	..	62,337	14	7	62,337	14	7	15,082	18	10	..	47,254	15	9	47,254	15	9

62,337 14 7

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 ..	..	295,715	12	3	295,715	12	3	83,598	5	1	212,117	7	2	212,117	7	2		
3. Birchip ..	..	103,084	14	1	103,084	14	1	..	..	..	38,224	7	9	103,084	14	4
4. Carwarp	11,470	7	5	11,470	7	5	41,470	7	5	41,470	7	5		
5. Carwarp Central	2,363	1	10	2,363	1	10	2,363	1	10	2,363	1	10		
6. Coreena	46,101	11	10	46,101	11	10	46,101	11	10	46,101	11	10		
7. Harcourt	17,042	9	3	17,042	9	3	17,042	9	3	17,042	9	3		
8. Hindmarsh ..	..	15,453	17	8	15,453	17	8	..	..	..	4,128	3	0	15,453	17	8
9. Karkaroc ..	..	220,137	16	9	220,137	16	9	..	..	..	96,315	19	11	220,137	16	9
10. Kerang North-West Lakes	..	3,851	6	2	3,851	6	2	..	..	..	..	..	..	3,851	6	2
11. Long Lake ..	..	107,556	1	11	107,556	1	11	..	..	..	63,646	1	8	107,556	1	11
12. Millewa ..	..	379,627	17	11	379,627	17	11	..	..	..	104,393	0	0	379,627	17	11
13. Millewa Central ..	..	133,892	0	0	133,892	0	0	..	..	..	36,755	0	0	133,892	0	0
14. Mornington Peninsula ..	..	10,281	0	3	10,281	0	3	64,050	11	2	235,267	6	11	10,281	0	3		
15. Newstead ..	..	4,636	6	10	4,636	6	10	..	..	..	..	..	..	4,636	6	10
16. Normanville ..	..	24,878	14	5	24,878	14	5	..	..	..	..	..	..	24,878	14	5
17. Otway ..	..	166,319	14	2	166,319	14	2	90,635	4	10	75,684	9	4	75,684	9	4		
18. Sea Lake ..	..	144,492	10	6	144,492	10	6	..	..	..	..	..	..	144,492	10	6
19. Tyntynder ..	..	257,420	7	0	257,420	7	0	..	..	..	118,162	0	3	257,420	7	0
20. Tyrell ..	..	165,681	11	1	165,681	11	1	..	..	..	84,468	2	4	165,681	11	1
21. Tyrell West ..	..	279,593	13	11	279,593	13	11	..	..	..	148,388	3	2	279,593	13	11
22. Upper Western Wimmera	..	86,024	7	7	86,024	7	7	..	..	..	28,061	18	4	86,024	7	7
23. Upper Wimmera United	..	119,498	0	2	119,498	0	2	..	..	..	44,145	17	11	119,498	0	2
24. Walpeup West ..	..	35,838	16	6	35,838	16	6	..	..	..	..	..	..	35,838	16	6
25. Werribee ..	..	11,513	6	0	11,513	6	0	..	..	..	..	..	..	11,513	6	0
26. Western Wimmera ..	..	237,693	14	8	237,693	14	8	..	..	..	115,607	10	10	237,693	14	8
27. Wimmera United ..	..	186,817	9	9	186,817	9	9	..	..	..	97,231	1	4	186,817	9	9
28. Wycheproof ..	..	166,821	13	10	166,821	13	10	..	..	..	63,415	19	5	166,821	13	10
29. Wychitella (Under construction)	..	24,380	19	8	24,380	19	8	..	..	..	..	..	..	24,380	19	8
30. Yelta ..	..	6,146	7	2	6,146	7	2	..	..	..	..	..	..	6,146	7	2
Totals	..	2,765,001	9	6	2,765,000	19	6	238,284	1	1	1,612,529	2	7	2,765,000	19	6			
																	4,377,530	2	1

2,765,001 9 6

Carried forward

22,141,846 16 5

**Totals at
30th June, 1945.**

Name of District.	Loan Capital Expenditure.						Total.	Allotted to District.						Capital Expenditure borne by the State Account.						Brought forward ..	
	Headworks.			Distributory Works.				Headworks.			Distributory Works.			Headworks.			Distributory Works.				
	£	s.	d.	£	s.	d.		£	s.	d.	£	s.	d.	£	s.	d.	£	s.	d.		
C.—URBAN DISTRICTS OF WATERWORKS DISTRICTS.																					
1. Allansford ..	1,600	0	0	953	14	1	2,553	14	1	824	2	8	1,544	1	3	185	10	2	1,729	11	5
2. Anglesea ..	8,913	6	4	9,760	19	9	18,674	6	1	29	1	5	8,884	4	11	9,760	19	9	18,645	4	8
3. Antwerp ..	33,008	9	6	7,021	13	8	40,289	2	3	257	15	4	..	..	..	444	18	4	444	18	4
4. Barwon Heads and Ocean Grove ..	..	..	..	7,190	12	9	5,172	0	8	8,046	9	1	32,135	11	2	107	1	9	32,242	12	1
5. Berriwillcock ..	..	..	..	5,172	0	8	22,731	17	1	3	11	1	..	..	..	5,168	9	7	5,168	9	7
6. Berwick ..	13,733	4	8	8,998	12	5	22,731	17	1	2,938	17	5	13,733	4	8	6,039	15	0	19,792	19	8
7. Beulah ..	..	..	..	7,571	15	3	7,571	15	3	2	13	2	..	..	..	7,569	3	1	7,569	3	1
8. Birchip ..	..	..	..	12,408	15	8	2,408	15	8	..	..	..	..	..	..	12,408	15	8	12,408	15	8
9. Bittern ..	1,671	1	8	1,218	13	3	2,889	19	11	15	13	3	1,671	1	8	1,203	5	0	2,874	6	8
10. Brim ..	..	..	..	3,524	5	11	3,524	5	11	332	8	6	..	..	..	3,191	17	5	3,191	17	5
11. Bunyip ..	5,382	2	7	5,973	13	9	11,355	16	4	22	15	5	5,382	2	7	5,950	18	4	11,333	0	11
12. Camperdown ..	46,469	0	0	49,074	2	1	95,543	2	1	55,181	6	9	39,927	1	3	434	14	1	40,361	15	4
13. Carrum ..	170,688	16	9	45,267	6	0	215,956	2	9	23,296	11	5	170,688	16	9	21,970	14	7	192,659	11	4
14. Carwarp ..	..	..	..	635	19	0	635	19	0	..	..	..	..	..	..	635	19	0	635	19	0
15. Chillingollah ..	..	..	..	2,477	14	6	2,477	14	6	..	..	..	..	..	..	2,477	14	6	2,477	14	6
16. Chimpapook ..	..	..	..	2,551	11	7	2,551	11	7	..	..	..	..	..	..	2,551	11	7	2,551	11	7
17. Cobden ..	9,213	0	0	15,426	4	11	24,639	4	11	12,912	1	2	9,213	0	0	2,514	3	9	11,727	3	9
18. Coliban ..	..	..	..	1,671,879	18	5	1,671,879	18	5	292,787	0	7	..	..	..	1,379,092	17	10	1,379,092	17	10
19. Cranbourne ..	6,614	0	11	2,805	12	3	9,419	13	2	390	18	8	6,614	0	11	2,214	13	7	8,828	14	6
20. Crib Point ..	8,766	18	0	3,051	11	1	11,818	9	1	2,340	12	3	8,766	18	0	710	18	10	9,477	16	10
21. Culgoa ..	..	..	..	4,393	10	7	4,393	10	7	2,239	16	5	..	..	..	2,153	14	2	2,153	14	2
22. Dandenong ..	95,869	19	5	42,002	1	0	137,872	1	2	51,621	12	8	85,267	11	7	982	16	11	86,250	8	6
23. Dimboola ..	..	..	..	17,857	19	8	17,857	19	8	10,914	0	9	..	..	..	6,943	18	11	6,943	18	11
24. Doon ..	..	..	..	698	7	0	698	7	0	17	3	0	..	..	..	681	4	0	681	4	0
25. Dromana-Portsea ..	84,388	4	11	72,357	10	2	156,745	15	1	4,333	18	10	84,388	4	11	68,023	11	4	152,411	16	3
26. Drysdale ..	11,642	8	10	2,222	5	8	13,864	14	6	37	18	5	11,604	9	5	2,222	6	8	13,826	16	3
27. Frankston ..	95,887	19	10	18,431	6	10	111,319	6	8	109,415	13	6	4,869	9	2	34	4	0	4,903	13	2
28. Garfield ..	4,188	16	4	4,388	18	2	8,777	14	6	19	7	7	4,188	16	4	4,569	10	7	8,758	6	11
29. Hastings ..	7,403	4	5	6,688	4	1	14,091	8	6	6	5	0	7,403	4	5	6,681	19	1	14,085	3	6
30. Hicksborough ..	..	..	..	985	7	7	985	7	7	299	7	8	..	..	..	685	19	11	685	19	11
31. Hopetoun ..	..	..	..	10,508	7	0	10,508	7	0	24	1	3	..	..	..	10,484	5	9	10,484	5	9
32. Jeparit ..	..	..	..	13,255	14	8	13,255	14	8	5,727	10	8	..	..	..	7,528	4	0	7,528	4	0
33. Jung Jung ..	..	..	..	3,381	4	10	3,381	4	10	1	12	6	..	..	..	3,379	12	4	3,379	12	4
34. Koondrook ..	..	..	..	5,823	5	6	5,823	5	6	..	..	..	..	..	..	5,823	5	6	5,823	5	6
35. Lake Boga ..	..	..	..	5,910	13	2	5,910	13	2	95	11	3	..	..	..	5,815	1	11	5,815	1	11
36. Lalbert ..	..	..	..	4,662	18	1	4,662	18	1	130	7	0	..	..	..	4,532	11	1	4,532	11	1
37. Lascelles ..	..	..	..	4,266	12	3	4,266	12	3	14	7	5	..	..	..	4,252	4	10	4,252	4	10
38. Longwarry ..	6,740	15	11	4,920	0	4	11,660	16	3	9,273	7	9	2,381	0	0	3	8	6	2,387	8	6
39. Manangatang ..	..	..	..	5,169	5	5	5,169	5	5	1,673	14	0	..	..	..	3,495	11	5	3,495	11	5
40. Marnoo ..	..	..	..	4,119	16	8	4,119	16	8	1,361	17	2	..	..	..	2,757	19	6	2,757	19	6

41. Marong	..	..	2,104	18	7	2,104	18	7	22	18	10	..	2,081	19	9
42. Merbein	..	..	18,631	2	3	18,631	2	3	4,178	13	7	..	14,452	8	8
43. Meringur	..	..	1,761	8	0	1,761	8	0	4	6	8	..	1,757	1	4
44. Minyip	..	..	10,247	1	3	10,247	1	3	3,018	17	7	..	7,198	3	8
45. Mornington	..	47,951	28,254	4	9	76,205	13	4	52,965	3	2	23,240	23,240	10	2
46. Nandaly	..	..	1,752	18	11	1,752	18	11	3	5	0	..	1,749	13	11
47. Natimuk	..	..	4,887	18	2	4,887	18	2	4,038	18	10	..	828	19	4
48. Newstead	..	..	7,563	19	0	7,563	19	0	1,763	13	10	..	5,800	5	2
49. North Wonthaggi	..	..	4,141	8	4	4,141	8	4	..	..	..	..	4,141	8	4
50. Nullawil	..	..	3,651	11	10	3,651	11	10	280	16	6	..	3,370	15	4
51. Nyah	..	..	634	14	9	634	14	9	..	..	..	..	634	14	9
52. Nyah West	..	..	5,867	10	3	5,867	10	3	..	..	..	..	5,867	10	3
53. Ouyen	..	..	21,219	3	1	21,219	3	1	61	13	7	..	21,157	9	6
54. Pakenham	..	10,542	7,847	15	1	18,390	13	10	9,497	14	11	8,892	8,892	18	11
55. Patchewollock	..	..	3,638	19	10	3,638	19	10	1	12	6	..	3,637	7	4
56. Piangil	..	..	6,100	16	10	6,100	16	10	..	..	..	..	6,100	16	10
57. Portarlington	..	..	2,864	16	1	26,347	9	2	76	11	9	23,406	26,270	17	5
58. Pyramid Hill	..	23,482	6,571	1	1	6,571	1	1	1,295	13	10	..	5,275	7	3
59. Quambatook	..	..	4,822	0	4	4,822	0	4	3	4	11	..	4,818	15	5
60. Queenscliff and Point Lonsdale	..	75,071	10,356	11	2	85,427	17	2	16,379	6	6	68,282	766	8	2
61. Rainbow	..	..	11,448	7	11	11,448	7	11	7,605	0	1	..	3,843	7	10
62. Rupanyup	..	..	10,790	3	2	10,790	3	2	4,193	4	1	..	6,596	19	1
63. Sea Lake	..	..	7,716	17	3	7,716	17	3	1,546	16	3	..	6,170	1	0
64. Somerville	..	4,833	2,717	14	4	7,551	5	0	4,607	4	3	2,944	2,944	0	9
65. South Frankston	..	30,743	16,114	17	2	46,858	16	11	25,812	11	3	21,046	21,046	5	8
66. Speed	..	..	2,835	13	0	2,835	13	0	0	17	9	..	2,834	15	3
67. Spring Vale	..	98,006	28,435	16	1	126,442	15	11	112,147	18	9	14,061	14,294	17	2
68. Tempy	..	..	2,642	18	3	2,642	18	3	17	13	7	..	2,625	4	8
69. Terang	..	32,322	24,889	15	0	57,211	15	0	28,185	11	2	..	165	19	4
70. Torquay	..	22,411	9,899	4	6	32,310	6	0	133	5	2	22,337	32,177	0	10
71. Ultima	..	..	6,576	8	4	6,576	8	4	17	6	8	..	6,559	1	8
72. Waitchie	..	..	2,520	14	4	2,520	14	4	..	..	..	..	2,520	14	4
73. Walpeup	..	..	2,035	17	6	2,035	17	6	24	5	8	..	2,011	11	10
74. Watchem	..	..	5,055	4	1	5,055	4	1	125	6	10	..	4,929	17	3
75. Werrinull	..	..	4,850	6	2	4,850	6	2	1	12	6	..	4,848	13	8
76. Wonthaggi	..	..	67,828	3	4	67,828	3	4	8,886	17	7	..	58,941	5	9
77. Woomelang	..	..	9,232	11	5	9,232	11	5	15	10	8	..	9,217	0	9
78. Woorinen	..	..	1,970	13	3	1,970	13	3	590	1	5	..	1,380	11	10
79. Wycheproof	..	..	10,876	18	8	10,876	18	8	..	..	..	..	10,876	18	8
80. Yaapect	..	..	2,298	6	10	2,298	6	10	3	14	4	..	2,294	12	6
Totals	..	957,637	2,472,546	2	7	3,430,183	10	10	884,347	1	3	711,737	1,834,099	3	9
													2,472,546	2	7

H.—FLOOD PROTECTION DISTRICTS.

1. Cardinia	..	..	105,290	18	1	105,290	18	1	..	..	105,290	18	1	..
2. Kanyapella	..	..	3,885	1	5	3,885	1	5	..	..	3,885	1	5	..
3. Lower Koo-wee-rup	..	..	271,667	5	10	271,667	5	10	..	..	271,667	5	10	..
4. Loch Garry	..	..	18,621	18	11	18,621	18	11	..	..	18,621	18	11	..
Totals	..	..	399,465	4	3	399,465	4	3	..	..	399,465	4	3	..
											Carried forward			..

LOAN CAPITAL ACCOUNTS—continued.

**Totals at
30th June, 1945**

£	s.	d.
25,013,858	3	3

Name of District.	Loan Capital Expenditure.				Allotted to District.	Capital Expenditure borne by the State Account.			
	Headworks.		Distributory Works.			Headworks.		Distributory Works.	
	£	s. d.	£	s. d.		£	s. d.	£	s. d.
I.—DRAINAGE DISTRICTS.									
1. Cairum	24,352 15 3	..	24,352 15 3	..	24,352 15 3	..	24,352 15 3	..
2. Cohuna	9,465 15 6	..	9,465 15 6	..	9,465 15 6	..	9,465 15 6	..
3. Kerang East	251 17 6	..	251 17 6	..	251 17 6	..	251 17 6	..
4. Maffra-Sale	965 2 10	..	965 2 10	..	965 2 10	..	965 2 10	..
5. Merbein	419 12 7	..	419 12 7	..	419 12 7	..	419 12 7	..
6. Murrabit	2,449 7 8	..	2,449 7 8	..	2,449 7 8	..	2,449 7 8	..
7. Nyah	5,172 19 1	..	5,172 19 1	..	5,172 19 1	..	5,172 19 1	..
8. Red Cliffs	565 0 1	..	565 0 1	..	565 0 1	..	565 0 1	..
9. Rochester	1,197 9 1	..	1,197 9 1	..	1,197 9 1	..	1,197 9 1	..
10. Rodney	4,359 10 7	..	4,359 10 7	..	4,359 10 7	..	4,359 10 7	..
11. Shepparton	15,999 15 6	..	15,999 15 6	..	15,999 15 6	..	15,999 15 6	..
12. Tongala-Stanhope	3,383 11 2	..	3,383 11 2	..	3,383 11 2	..	3,383 11 2	..
13. Tresco	182 9 3	..	182 9 3	..	182 9 3	..	182 9 3	..
14. Werribee	168 19 2	..	168 19 2	..	168 19 2	..	168 19 2	..
15. Woorinen	684 19 6	..	684 19 6	..	684 19 6	..	684 19 6	..
Totals, Loan Liability	69,619 4 9	..	69,619 4 9	..	69,619 4 9	..	69,619 4 9	..
Totals, Commission's Districts (Statements D, E, F, G, H, and I.) ..									
..	10,459,019 4 3†	11,787,183 16 8	22,246,203 0 11‡	1,137,714 1 2*	9,974,835 10 9	11,133,653 9 0	21,108,488 19 9	..	..
* Exclusive of Glenelg River Development Works not apportioned to Districts, £185,522 5s. 5d. (Statement C). † Exclusive of £1,182,780 granted free by Government from Unemployment Relief Funds, 1/6/1930 to 30/6/1942. ‡ Exclusive of Plant and Machinery Suspense Account, £33,069 8s. 4d. (Statement B.)									
WORKS UNDER GENERAL SUPERVISION OF COMMISSION.									
J.—WATERWORKS TRUSTS AND LOCAL GOVERNING BODIES.									
Waterworks Trusts, First Mildura Irrigation Trust and Local Governing Bodies ..									
Local Governing Bodies for Construction of Mallee Tanks ..									
Total Loan Liability ..									
Amounts Written Off (Acts Nos. 1625, 1651, 2016, 4002, 4175, 4176), and Free Grants to Local Authorities, Borne by the State, £1,243,361 13s. 8d. (For details see Annual Report for Year 1938/39.) Under Water Act 1943, No. 4983, £628,342 5s. 1d. ..									
Grand Total Net Loan Capital Expenditure (Exclusive of Equity in National Debt Sinking Fund) ..									

SUMMARY STATEMENT OF LOAN CAPITAL ACCOUNTS AS AT 30th JUNE, 1945.

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	Free Headworks	1,234,681 6 0	520 0 6	1,234,161 5 6	..	1,234,161 5 6
B	Capital Works and Charges not Apportionable to Districts	1,775,628 19 2	359,038 3 0	1,416,590 16 2	33,669 8 4	1,382,921 7 10
C	Headworks Costs in respect of Irrigation and Water Supply Districts and Waterworks Districts	10,771,736 8 2	126,194 18 6	10,645,541 9 8	484,183 13 6	10,161,357 16 2
D	Irrigation and Water Supply Districts, exclusive of Headworks Costs	6,122,581 11 3	104,367 10 3	6,018,214 1 0	..	6,018,214 1 0
E	Urban Divisions of Irrigation Districts	64,290 16 4	1,953 1 9	62,337 14 7	15,082 18 10	47,254 15 9
F	Waterworks Districts, exclusive of Headworks Costs	2,815,556 12 2	50,555 2 8	2,765,001 9 6	10 0	2,765,000 19 6
G	Urban Districts of Waterworks Districts, exclusive of Headworks Costs	2,520,398 15 3	47,852 12 8	2,472,546 2 7	638,446 18 10	1,834,099 3 9
H	Flood Protection Districts	407,619 18 2	8,154 13 11	399,465 4 3	..	399,465 4 3
I	Drainage Districts	70,296 9 0	677 4 3	69,619 4 9	..	69,619 4 9
	Totals, Works under control of Commission	25,782,790 15 6	699,313 7 6	25,083,477 8 0	1,171,383 9 6	23,912,093 18 6
J	Waterworks Trusts and Local Governing Bodies	3,963,122 15 8	778,494 6 8	3,184,628 9 0	1,312,924 8 3	1,871,704 0 9
		29,745,913 11 2	1,477,807 14 2	28,268,105 17 0	2,484,307 17 9	25,783,797 19 3

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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, 1945.

	Total.	Water Supply.	State Development Account.
	£ s. d.	£ s. d.	£ s. d.
Treasury "Finance" (Page 79)	25,831,973 1 11	2,616,272 0 11	23,215,701 1 0
Add—			
Cost of Geelong Works "Finance" (Page 80)	145,188 7 11	..	145,188 7 11
National Debt Sinking Fund contributions from Consolidated Revenue pursuant to the provisions of the <i>Commonwealth and States Financial Agreement Act 1927</i> , No. 3554, as amended by Act No. 5051, 1944. "Finance" (Page 78). These amounts not credited to Districts and Works excepting recon contributions shown below	2,469,151 8 3	271,345 10 4	2,407,805 17 11
(Contributions in respect of Geelong Works. "Finance" (Page 80))	15,451 14 4	..	15,451 14 4
	28,671,764 12 5	2,887,617 11 3	25,784,147 1 2
Less—			
Redemption recon contributions paid into Consolidated Revenue by Commission Districts and Works, Waterworks Trust, &c.	403,309 13 6	403,309 13 6	..
Cash on hand held by Treasury	349 1 11	..	349 1 11
	28,268,105 17 0	2,484,307 17 9	25,783,797 19 3
Totals of amounts at debit of Authorities and Districts, and the Capital Expenditure borne by the State Account in the books of the Commission			

ESTIMATES 1945-46.

PROPOSED DISBURSEMENTS.

	Estimated Requirements.	Amount provided in Budget.
	£	£
Coliban Works	15,384	15,384
Free Headworks	5,946	5,946
Irrigation Districts	154,921	154,921
Waterworks Districts	248,286	231,286
Flood Protection Districts	9,923	9,923
Drainage Districts	30,000	30,000
Salaries of Permanent and Temporary Employees*	299,289	299,289
General Expenditure*	73,820	73,820
River Murray Works—Contribution by State	17,279	17,279
Pay-Roll Tax	15,005	15,005
Assistance to certain Sewerage Authorities where works have been suspended to meet Commonwealth requirements	12,000	12,000
Subsidies to Sewerage Authorities in cases where the interest paid on capital liability is in excess of the rate 3 per cent... .. .	25,000	25,000
Subsidies to Waterworks Trusts and Local Governing Bodies to enable a Reduction of 33½ per cent. to be made in Water Rates	586	586
	<hr/> 907,439	<hr/> 890,439

* To be apportioned over the above Districts.

ESTIMATED RECEIPTS.

	£
Coliban Works	45,000
Irrigation Districts	340,000
Waterworks Districts	210,000
Flood Protection and Drainage Districts	26,000
Other	27,000
Recoup on account of amounts paid from Revenue in connection with River Murray Commission, Loan Works, &c.	62,000
	<hr/> 710,000
Add estimated Revenue from Other Authorities—	
	£
Waterworks Trusts	40,500
Local Bodies	17,700
	<hr/> 58,200
	<hr/> 768,200
Total estimated amount available from Revenues of Commission "Paying" Districts to meet interest	<hr/> 151,676

APPENDIX A.

STATE RIVERS AND WATER SUPPLY COMMISSION.

IRRIGATION SYSTEMS.

RETURN OF WATER DELIVERED—YEAR 1944-45.

District.	Gross Supply at District Offtakes (excluding volumes passed to other Districts).	Total Water Rights Allotted to District.	Delivered to Water-Users in Commission's District.				Delivered to Water-Users Outside District from District Channels.	Total Quantity Delivered from District Channels.	Delivered to Water-Users Outside District from Main Channels.
			Irrigation.		Domestic and Stock Purposes.	Total Quantity Delivered in District.			
			Water Rights.	Sales of Water.					
	acre feet.	acre feet.	acre feet.	acre feet.	acre feet.	acre feet.	acre feet.	acre feet.	acre feet.
GOULBURN SYSTEM—									
(Main Eastern Channel.)									
South Shepparton	6,774	4,404	4,353	907	308	5,568	..	5,568	7
Shepparton	40,153	21,391	19,343	1,103	497	20,943	107	21,050	..
North Shepparton	35,800	13,203	12,448	3,356	639	16,443	43	16,486	..
Katandra	13,042	7,329	6,978	1,760	266	9,004	..	9,004	3
Totals	95,769	46,327	43,122	7,126	1,710	51,958	150	52,108	10
(WARANGA RESERVOIR.)									
Rodney	177,206	60,838	62,221	12,013	3,044	77,278	(a) 276	77,554	..
Tongala-Stanhope	99,754	48,052	46,637	5,681	2,236	54,554	..	54,554	..
Deakin	13,509	5,660	5,272	497	1,778	7,547	..	7,547	..
Rochester	111,316	57,466	57,161	9,757	4,239	71,157	..	71,157	531
Dingee	5,811	4,361	4,299	712	276	5,287	..	5,287	..
Calivil (including Loddon water)	14,363	6,505	6,483	1,396	448	8,327	..	8,327	(b) 45
Tragowel Plains (including Loddon water)	81,326	31,192	30,737	6,236	1,489	38,462	..	38,462	(b) 28
Loddon United (including Loddon water)	(h) 3,270	..	..	..	1,179	1,179	37	1,216	..
Boort (including Loddon water)	23,519	11,339	11,276	2,597	614	14,487	157	14,644	..
Normanville (including Loddon Water)	2,970	..	..	..	392	392	..	392	..
Totals	533,044	225,413	224,086	38,889	15,695	278,670	470	279,140	604
Totals (Goulburn System)	628,813	271,740	267,208	46,015	17,405	330,628	620	331,248	614
RIVER MURRAY SYSTEM—									
(Yarrawonga Weir)									
Murray Valley	(f) 79,752	22,201	12,508	16,439	1,044	29,991	1,651	31,642	..
(Torrumbarry System)									
Cohuna	122,672	49,084	49,084	19,693	2,565	71,342	163	71,505	..
Koondrook	92,456	24,522	24,203	13,734	609	38,546	427	38,973	..
Kerang	72,158	18,949	18,949	25,675	1,022	45,646	580	46,226	..
Third Lake	5,222	2,513	2,513	700	..	3,213	..	3,213	..
Mystic Park	5,230	2,677	2,677	1,025	..	3,702	804	4,506	..
Tresco	3,710	..	..	3,046	..	3,046	..	3,046	..
Fish Point	3,429	1,845	1,577	307	..	1,884	..	1,884	..
Swan Hill	61,172	25,886	24,743	14,181	..	38,924	243	39,167	..
Pental Island Private Diversions .. .. .	..	..	..	..	..	..	..	..	10,477
Kerang Private Diversions .. .. .	..	..	..	..	..	..	..	..	1,850
Kerang North-West Lakes Private Diversions .. .. .	..	..	..	..	..	..	..	..	8,682
Upper Gunbower Creek Private Diversions .. .. .	..	..	..	..	..	..	..	..	7,005
Lower Gunbower Creek Private Diversions .. .. .	..	..	..	..	..	..	..	..	6,967
Taylor's Creek Private Diversions .. .. .	..	..	..	..	..	..	..	..	2,290
Kow Swamp Private Diversions .. .. .	..	..	..	..	..	..	..	..	6,097
Pyramid Creek Private Diversions .. .. .	..	..	..	..	..	..	..	..	4,617
Totals (Torrumbarry System)	366,049	125,476	123,746	78,361	4,196	206,303	2,217	208,520	47,985
(Pumped from River Murray)									
Nyah	(d) 12,451	7,347	7,948	369	289	8,606	125	8,731	..
Coreena	1,816	..	..	..	(g) 272	272	..	272	..
Red Cliffs	47,954	28,061	25,110	1,165	..	26,275	469	26,744	..
Carwarri	1,744	..	..	..	1,744	1,744	..	1,744	..
Merbein	35,993	19,226	18,021	1,158	..	19,179	501	19,680	..
Yelta	560	..	..	..	560	560	..	560	..
Millewa	17,865	..	..	..	(e) 3,573	3,573	..	3,573	..
Totals	118,383	54,634	51,079	2,692	6,438	60,209	1,095	61,304	..
Totals (River Murray System)	564,184	202,401	187,333	97,492	11,678	296,503	4,963	301,466	47,985
CAMPASPE SYSTEM—									
Coliban .. .. .	..	..	..	(c) 3,272	5,300	8,572	..	8,572	..
Campaspe	138	..	..	34	18	52	..	52	..
Totals	138	..	..	3,306	5,318	8,624	..	8,624	..
WERRIBEE SYSTEM—									
Bacchus Marsh	2,656	3,331	1,538	60	..	1,598	(b) 593	2,191	..
Werribee	4,532	8,154	2,446	..	275	2,721	307	3,028	..
Totals	7,188	11,485	3,984	60	275	4,319	900	5,219	..
MACALISTER SYSTEM—									
Maffra-Sale	73,651	22,463	22,077	11,180	1,941	35,198	1,316	36,514	..
Grand Totals	1,273,974	508,089	480,602	158,053	36,617	675,272	7,799	683,071	48,599

(a) Includes Waterworks Trusts. (b) Includes Urban Districts. (c) Includes 377·2 acre feet for crushing, and 8·2 acre feet for motive power. (d) Includes 1,869 acre feet pumped for supplementary supply to Mallee (Tyntynder District). (e) Estimated on basis 20 per cent. delivery to land. (f) Includes 10,132 acre feet turned into Broken Creek at Katamatite. (g) Estimated on basis 15 per cent. delivery to land. (h) Includes 875 acre feet of Loddon water into Bullock Creek Channels.

Acre feet.		Volume supplied, present run commenced 17th June, 1945—		Acre feet.	
Total Supplementary Supply to Wimmera-Mallee for period 1st July, 1944, to date—		Waranga Western Channel .. .. .	..	534	
From Waranga Western Channel	20,566	Loddon River .. .. .	..	270	
From Loddon River	2,738	Total .. .. .	..	804	
Total	23,304				

APPENDIX B.

STATE RIVERS AND WATER SUPPLY COMMISSION.

DOMESTIC AND STOCK SYSTEMS.

Return of Water Delivered to Waterworks Districts during Waterings in Year 1944; measurements being made at Headworks or at Pumping Stations.

Districts.							Quantity.	Total.
							Acre feet.	Acre feet.
Wimmera-Mallee System—								
Wimmera River and Storages	..	..	..	..	..	..	60,201	
Loddon and Goulburn Water	..	..	..	..	..	..	17,966	
River Murray (Nyah Pump)	..	..	..	..	..	..	1,920	
								80,087*
Normanville (Loddon and Goulburn)	..	..	..	..	..	..	2,970	2,970
River Murray—								
Millewa	..	..	..	..	..	..	17,864	
Coreena	..	..	..	..	..	..	1,817	
Yelta	..	..	..	..	..	..	560	
Carwarp	..	..	..	..	..	..	1,744	
								21,985
Grand Total								105,042

* 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.		Year.
							Wartook. Inches.	Hopetoun. Inches.	
1922	35,632	22,360	8,906	3,800	..	70,698	34·51	11·73	1922
1923	14,000	27,730	5,296	..	..	47,026	41·99	13·44	1923
1924	10,900	25,126	11,982	..	..	48,008	40·81	19·04	1924
1925	42,550	16,832	16,932	3,900	..	80,214	27·42	8·65	1925
1926	28,368	17,640	22,522	4,800	..	73,330	34·43	11·93	1926
1927	37,466	10,292	29,146	4,300	..	81,204	28·00	8·76	1927
1928	23,132	14,210	21,822	..	8,700	67,864	33·90	15·06	1928
1929	28,966	8,142	6,522	..	39,720	83,350	30·80	9·52	1929
1930	19,022	7,360	8,160	..	40,408	74,950	34·45	15·24	1930
1931	1,200	9,280	8,082	..	17,318	35,880*	35·45	13·83	1931
1932	14,700	17,234	20,342	..	28,848	81,124	37·12	14·25	1932
1933	17,516	9,536	19,750	..	29,060	75,862	38·56	15·54	1933
1934	29,866	9,262	12,152	..	33,970	85,250	26·52	12·50	1934
1935	26,347	9,128	16,622	..	24,344	76,441	29·99	10·30	1935
1936	23,315	8,240	12,235	..	21,400	65,190	38·19	12·18	1936
1937	36,017	4,926	17,065	..	33,912	91,920	31·30	15·46	1937
1938	22,789	3,138	35,337	..	21,970	83,234	24·57	5·61	1938
1939	8,956	15,225	22,725	..	21,587	68,493	33·77	15·16	1939
1940	34,309	1,666	25,465	..	28,240	89,680	25·74	6·23	1940
1941	16,290	5,540	15,288	940	22,315	60,373	39·14	12·66	1941
1942	6,293	10,391	19,394	..	26,673	62,751	44·36	14·15	1942
1943	23,647	2,038	26,282	..	24,943	76,910	29·43	9·07	1943
1944	26,017	7,131	27,053	1,920	17,966	80,087	26·64	6·32	1944

* Owing to good rains early in the season throughout the Wimmera-Mallee Districts many channels were run without the necessity for drawing on Headworks Supplies.

In addition to the above, the following quantities have been released from Headworks at Pine Lake, Green Lake, and Dock Lake Storages for irrigation areas in Western Wimmera and Wimmera United Districts since 1933-34 :—

Year.							Area Watered.	Gross Supply Released from Headworks.
							Acres.	Acre feet.
1933-34	..	..	..	..	..	..	1,454	5,703
1934-35	..	..	..	..	..	..	1,760	6,197
1935-36	..	..	..	..	..	..	1,831	6,880
1936-37	..	..	..	..	..	..	2,079	5,343
1937-38	..	..	..	..	..	..	2,407	9,163
1938-39	..	..	..	..	..	..	2,545	8,571
1939-40	..	..	..	..	..	..	2,519	9,788
1940-41	..	..	..	..	..	..	2,697	10,389
1941-42	..	..	..	..	..	..	3,049	12,026
1942-43	..	..	..	..	..	..	2,988	6,295
1943-44	..	..	..	..	..	..	3,154	13,847
1944-45	..	..	..	..	..	..	3,035	9,250*

* Irrigation restricted to three waterings on account of drought and depleted storages.

APPENDIX C.

STATE RIVERS AND WATER SUPPLY COMMISSION.

WIMMERA-MALLEE AND RIVER MURRAY DOMESTIC AND STOCK SUPPLY SYSTEMS—
PERIODS OF ANNUAL WATERINGS.

WIMMERA-MALLEE.				COREENA.*			
Year.	Commenced.	Completed.	Days.	Year.	Commenced.	Completed.	Days.
1932	25.4.32	2.11.32	191	1932	12.7.32	19.9.32	69
1933	14.4.33	13.11.33	213	1933	25.8.33	19.10.33	55
1934	27.4.34	7.11.34	194	1934	24.8.34	14.11.34	82
1935	1.5.35	6.11.35	190	1935	2.8.35	17.10.35	76
1936	29.4.36	30.10.36	184	1936	10.8.36	10.10.36	61
1937	26.4.37	7.11.37	195	1937	8.9.37	15.12.37	98
1938	5.4.38	16.10.38	194	1938-39	21.9.38	26.11.38	66 } 123†
1939	30.4.39	4.11.39	188		24.12.38	19.2.39	
1940	17.4.40	30.10.40	196	1939	2.8.39	7.9.39	36
1941	23.4.41	22.10.41	182	1940	16.8.40	23.10.40	68
1942	22.4.42	28.10.42	189	1941	27.8.41	12.10.41	46
1943	30.4.43	6.11.43	191	1942	20.8.42	25.9.42	36
1944	10.4.44	15.11.44	220	1943	25.8.43	25.9.43	32
				1944	2.10.44	28.1.45	119

† Supplies intermittent owing to low state of river.

MILLEWA.*				MILLEWA CENTRAL.*			
Year.	Commenced.	Completed.	Days.	Year.	Commenced.	Completed.	Days.
1936	12.5.36	19.9.36	130	1936	14.5.36	12.9.36	121
1937	13.5.37	29.9.37	139	1937	10.5.37	17.9.37	130
1938	4.5.38	7.10.38	156	1938	6.5.38	27.9.38	144
1939	4.5.39	10.9.39	129	1939	6.5.39	10.9.39	127
1940	7.5.40	4.10.40	150	1940	9.5.40	2.10.40	146
1941	12.5.41	4.9.41	115	1941	15.5.41	29.8.41	106
1942	13.5.42	28.11.42	199†	1942	15.5.42	12.10.42	150†
1943	8.6.43	16.12.43	192†	1943	12.6.43	16.12.43	188†
1944	23.5.44	3.12.44	195†	1944	25.5.44	4.12.44	194†

† Pumps on part load only for some months on account shortage of labour affecting channel cleaning operations and firewood supply.

† Longer running due to one unit of Milleva Central Pumps being out of commission for three and a half months.

YELTA.*				CARWARP.*			
Year.	Commenced.	Completed.	Days.	Year.	Commenced.	Completed.	Days.
1936	8.9.36	9.10.36	31	1936	5.8.36	21.9.36	47
1937	21.9.37	20.10.37	29	1937	25.8.37	2.10.37	38
1938	12.9.38	23.9.38	11†	1938	17.8.38	28.9.38	42
1939	13.9.39	22.10.39	39	1939	12.9.39	21.10.39	39
1940	8.8.40	11.9.40	34	1940	8.8.40	16.9.40	39
1941	10.9.41	6.10.41	26	1941	18.8.41	22.9.41	35
1942	25.9.42	25.10.42	30	1942	11.9.42	31.10.42	50
1943	11.8.43	31.8.43	21	1943	19.7.43	27.8.43	40
1944	18.8.44	10.9.44	24	1944	17.7.44	25.8.44	40

† Portion of district not supplied.

* Districts supplied from River Murray.

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 1935-36 :—

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.	acre feet.	
1935-36	42,754	..	42,754	36,600	14,961	41	Water run in—
1936-37	48,150	1,388	49,538	36,000	15,818	44	Whole system
1937-38	5,969	376	6,345	12,713	7,724	61	Whole system
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*

* 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 last year in detail, and (B) during the last five years totalled for purposes of comparison.

(A) STATEMENT OF THE EXTENT OF IRRIGATION AND OF AREAS OF DIFFERENT KINDS OF CROPS WATERED
—YEAR 1944-45.

Name of District.	Area of District 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.	Sown.				
Goulburn System.													
Katandra	13,957	11,173	7,329	8,164	426	385	15	..	7,333	..	5	..	..
North Shepparton	121,795	61,444	13,203	21,057	3,278	1,960	349	1,790	12,814	..	56	810	..
Shepparton	24,462	21,391	21,391	18,182	254	428	209	731	5,045	92	7,958	3,465	..
South Shepparton	33,723	17,923	4,404	7,208	980	663	19	619	4,633	..	30	264	..
Rodney	272,690	190,359	60,838	86,811	10,113	15,140	1,066	3,144	47,149	218	8,650	1,099	232
Tongala-Stanhope	76,154	47,626	48,052	40,803	2,809	5,563	415	2,026	27,798	22	1,897	14	259
Rochester	181,589	56,995	57,466	59,810	3,380	6,751	537	5,173	42,320	16	1,248	79	306
Dingee	8,849	4,361	4,361	3,636	247	23	15	160	3,166	2	..	13	10
Calivil	61,140	32,527	6,505	10,308	1,375	358	667	2,072	5,573	15	..	136	110
Tragowel Plains	218,164	148,763	31,192	35,295	4,395	791	3,955	13,425	11,412	18	..	..	1,295
Deakin	160,434	21,050	5,660	7,437	1,256	845	298	855	4,159	..	1	2	21
Boort*	80,061	56,722	11,339	12,669	2,714	1,118	2,208	1,669	4,560	..	..	..	400
Totals	1,253,018	670,334	271,740	311,378	31,227	34,025	9,753	31,664	175,962	383	19,845	5,886	2,633
River Murray System.													
(a) Torrumbarry Weir.													
Cohuna	84,962	44,481	49,084	61,696	1,352	3,362	978	28,048	26,313	2	98	27	1,516
Koondrook	82,676	24,472	24,322	36,420	2,257	1,981	3,582	10,793	15,972	..	1,055	14	766
Swan Hill	37,119	22,268	23,886	22,282	2,309	3,862	772	2,567	7,056	3,526	294	1,357	519
Third Lake	11,483	3,771	2,513	4,866	332	99	158	1,721	2,576	..	..	..	..
Mystic Park	20,260	7,805	2,677	5,142	617	40	253	2,389	1,633	..	10	..	170
Tresco	3,482	2,000	..	1,075	..	41	..	..	..	776	220	..	38
Fish Point	6,327	3,756	1,845	2,499	223	60	333	1,020	835	28	..	..	..
Kerang	87,175	54,925	18,949	47,485	3,365	1,468	5,203	22,690	14,486	..	12	12	249
Kerang North-West Lakes	35,943	..	..	5,827	992	313	763	2,063	1,077	..	504	..	115
Lands supplied direct (outside Districts)	..	..	..	19,707	1,656	2,306	1,836	6,479	7,315	..	4	106	5
Totals	369,427	163,478	125,476	206,999	13,133	13,532	13,878	77,770	77,263	4,332	2,197	1,516	3,378
(b) Yarrawonga Weir.													
Murray Valley	103,174	79,634	22,291	29,749	9,990	2,132	4,585	4,868	4,396	..	1,500	1,020	1,258
(c) Direct from River by Pumping.													
Nyah	3,830	2,740	7,347	3,027	23	122	101	45	42	2,513	118	34	29
Red Cliffs	30,961	11,224	28,061	11,557	..	175	..	50	..	10,811	386	135	..
Merbein	10,355	7,690	19,226	7,995	15	84	100	98	8	7,039	539	74	38
Totals	45,155	21,654	54,634	22,579	38	381	201	193	50	20,363	1,043	243	67
Totals (River Murray System)	517,756	264,766	202,401	259,327	23,161	16,045	18,661	82,831	81,709	24,695	4,740	2,779	4,703
Loddon and Other Northern Systems.													
Boort* .. .. .	..	..	..	1,000	250	100	250	..	400	..	..	..	..
Coliban .. .. .	..	10,890	..	5,390	36	183	50	124	843	3	3,202	949	..
Campaspe	19,725	..	..	26	..	..	..	..	20	..	6	..	..
Western Wimmera .. .. .	..	3,500	..	2,898	34	306	49	..	1,123	66	1,124	194	2
Wimmera United .. .. .	..	410	..	137	..	60	10	..	61	..	..	6	..
Totals	19,725	14,800	..	9,451	320	649	359	124	2,447	69	4,332	1,149	2
Southern Systems.													
Bacchus Marsh	6,655	3,331	3,331	2,718	10	900	27	..	1,463	..	140	175	3
Werribee	10,137	8,153	8,154	7,560	..	835	100	3,882	..	..	305	2,438	..
Maffra-Sale	51,778	22,427	22,463	25,360	229	2,037	639	3,200	18,364	..	..	174	717
Totals	68,570	33,911	33,948	35,638	239	3,772	766	7,082	19,827	..	445	2,787	720
Mildura and Private Diversions.													
First Mildura Trust District	44,000	15,000	..	12,715	..	340	170	..	..	11,325	800	..	80
Private Diversions—Kerang (outside district) .. .. .	..	..	..	4,535	220	152	598	1,786	1,779	..	..	..	..
Other Private Diversions throughout the State .. .. .	..	..	..	32,166	7,775	9,303	4,016	1,565	4,242	1,404	1,843	1,318	700
Totals	44,000	15,000	..	49,416	7,995	9,795	4,784	3,351	6,021	12,729	2,643	1,318	780
Grand Totals 1944-45	1,903,069	998,811	508,089	665,210	62,942	64,286	34,326	125,052	285,966	37,876	32,005	13,919	8,838
Grand Totals 1943-44	1,895,066	989,852	505,036	665,244	42,114	64,041	25,807	153,488	289,735	37,430	31,358	12,379	8,892

* Supplied from the Goulburn and the Loddon Systems.

(B) COMPARATIVE STATEMENT OF THE EXTENT OF IRRIGATION 1940-41 to 1944-45.

Source of Supply.	Area under Irrigation (Acres).				
	1940-41.	1941-42.	1942-43.	1943-44.	1944-45.
Goulburn System	315,515	321,843	329,408	357,228	311,378
River Murray System	206,579	203,820	198,498	227,668	259,327
Loddon and Other Northern Systems	8,756	11,460	12,646	13,722	9,451
Southern Systems	33,887	34,995	34,288	34,613	35,638
Mildura Trust and Private Diversions	31,925	29,956	31,917	32,013	49,416
Totals	596,662	602,074	606,757	665,244	665,210

APPENDIX F. STATE RIVERS AND WATER SUPPLY COMMISSION.

TOTAL STORAGES IN STATE.

In 1902 the total capacity of storages in the State was 172,000 acre feet. The present capacity of those under the Commission's direct control is 1,975,520 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), now has a capacity of 1,250,000 acre feet. When the final stage of this work has been completed (involving further approval of the interested State Governments), and the Lauriston, Rocklands, and Glenmaggie Reservoirs are completed, the combined capacities of Victoria's storages will be 2,664,020 acre feet.

EXISTING STORAGES.

Storage.										Full Supply Reduced Level.	Capacity.	
										Feet.	Acre feet.	Acre feet.
Goulburn System—												
Eildon										823·00	306,000	
Goulburn Weir										408·00	20,700	
Waranga										398·00	333,400	
												660,100
Murray-Loddon System—												
Hume Reservoir										606·00 (a)	736,420	
Yarrawonga Weir										412·80 (b)		
Torrumbarry										285·00 (c)		
Euston										159·00 (c)		
Mildura										116·00 (c)		
Wentworth										104·15 (c)		
Capacity in Acre feet.												
Hume Reservoir												1,250,000
Yarrawonga Weir												95,120
Torrumbarry												28,900
Euston												31,320
Mildura												29,360
Wentworth												38,140
												1,472,840
River Murray Works. Half share to Victoria.												
Kow Swamp										272·00	40,860	
Laanecoorie										527·00	6,650	
Kerang-North West Lakes—												
Third, Middle, Reedy										244·75	69,400	
Kangaroo, Racecourse, Charm										241·00		
Culleens										240·25		
Lake Boga										226·50	29,650	
Lake Cullulleraine										101·00	2,000	
												884,980
Wimmera-Mallee System—												
Eyans Lake										673·00	17,100	
Lake Lonsdale										618·25	53,300	
Wartook										1,500·00	23,800	
Taylor's Lake										482·33	30,000	
Pine Lake										475·00	52,000	
Green Lake										452·50	6,600	
Dock Lake										442·00	4,800	
Moora										723·50	5,100	
Lower Wimmera Weirs .. .. .										..	2,870	
Batyo Catyo (Avon Regulator)										402·00	5,000	
Lake Whittou										375·00	1,300	
Township Reservoirs and Mallee Tanks .. .. .										..	4,610	
												206,480
Maffra-Sale System—												
Glenmaggie										244·00	104,500	
Service Basins (Stratford, Heyfield) .. .. .										..	40	
												104,540
Coliban System—												
Upper Coliban										1,652·00	25,700	
Mahmsbury										1,477·00	14,400	
Lauriston										1,566·00	12,000	
Spring Gully										899·00	2,000	
Subsidiary Reservoirs .. .. .										..	4,750	
												58,850
Werribee System—												
Pykes Creek										1,306·00	21,000	
Melton										273·00	19,100	
												40,100
Ballarine Peninsula System—												
Wurdee Boluc										441·50	10,000	
Service Basins .. .. .										..	800	
												10,800
Mornington Peninsula System—												
Lysterfield										221·50	3,400	
Beaconsfield										340·00	740	
Frankston										255·00	660	
Mornington										244·00	260	
Bittern										250·00	480	
Service Basins .. .. .										..	260	
												5,800
Otway System—												
Service Basins .. .. .										..	..	1,080
Miscellaneous—												
Eppalock										530·00	1,200	
Wonthaggi										238·00	1,550	
Wonthaggi Service Basins .. .. .										..	10	
Newstead										806·00	30	
												2,790
Total Capacity of Existing Storages										..	..	1,975,520
ADDITIONAL STORAGE BEING PROVIDED BY WORKS IN COURSE OF CONSTRUCTION.												
Wimmera-Mallee System—												
*Rocklands										644·00	..	264,000
FURTHER STORAGE WHICH COULD BE PROVIDED BY COMPLETION OF EXISTING WORKS.												
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	
Coliban System—												
Lauriston to 16,000 acre feet										1,574·20	4,000	
												424,500
TOTAL CAPACITY OF STORAGES WHEN WORKS ARE COMPLETED										..	..	2,664,020

(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.—*Work suspended owing to war conditions

APPENDIX G.
STATE RIVERS AND WATER SUPPLY COMMISSION.
VICTORIAN WATER SUPPLY STATISTICS.

1944-45.

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	20,291 square miles = 12,986,600 acres
Area within Irrigation Districts	2,214,600 acres
Area Irrigated	665,210 acres
Area within Flood Protection Districts	148,910 acres
Area within Drainage Districts	502,700 acres

AVERAGE ANNUAL RAINFALL.

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

Total 87,884 " "

WATERWORKS—**Controlled by Commission—**

Storages—Number of large reservoirs	35
Number of subsidiary reservoirs and service basins	225
Total capacity of storages, 537,000 million gallons = 1,975,520* acre feet.	

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

Channels—Length—

Irrigation	4,377 miles
Domestic and Stock	8,309 miles
Drainage and Flood Protection	2,130 miles
Total	14,816 miles

Pipe Lines—Length—

Mains	258 miles
Reticulation	851 miles
Total	1,109 miles

Tanks—Excavated—

Number in Wimmera-Mallee Waterworks Districts	260 tanks
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Bores—

Number in Waterworks Districts	105 bores
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Water Deliveries—

Quantity water delivered from Commission's Works to water-users (excluding deliveries to Wimmera-Mallee and Other Domestic and Stock Systems)	731,670 acre feet.
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RURAL DISTRICTS—**Administered by Commission—**

	Number of Districts.	Number of Farm Holdings.	Population.
Irrigation Districts	28 ..	12,965 ..	35,340
Waterworks Districts (including rural lands, Coliban System)	31 ..	19,879 ..	54,360
Flood Protection Districts	4 ..	1,353* (41) ..	3,430* (66)
Drainage Districts	14 ..	4,600* (5,404) ..	4,450* (18,687)
Totals	77 districts	38,797 holdings	97,580 persons

* Excluding figures in brackets which show the number of holdings 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	126 ..	131,440 persons
" " Waterworks Trusts	116 ..	233,430 "
" " Local Governing Bodies	16 ..	79,550 "
Totals	258 towns	444,420 persons

SEWERAGE AUTHORITIES—

	Number of Towns.	Population.
Controlled by Local Authorities supervised by Commission	21 (Systems operating) ..	164,300 persons
	6 (Systems partly operating) ..	13,400 "
	11 (Systems not operating) ..	24,950 "
Totals	38 towns	202,650 persons

CAPITAL LIABILITY FOR WATER SUPPLY—

Total to 30th June, 1945—(a) Borne by the State	£25 783,798
(b) Borne by the Districts	£2,484,308
Total	£28,268,106