

1947.  
—  
VICTORIA.

---

STATE RIVERS AND WATER SUPPLY COMMISSION.

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FORTY-SECOND  
ANNUAL REPORT,  
1946-47.

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

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# STATE RIVERS AND WATER SUPPLY COMMISSION.

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

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## ANNUAL REPORT, 1946-47.

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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 1946-47, 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, J.P., Commissioner.

L. DUGGAN, J.P., Secretary.

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# ANNUAL REPORT

OF

## THE STATE RIVERS AND WATER SUPPLY COMMISSION

FOR

### YEAR ENDED 30<sup>TH</sup> JUNE, 1947.

#### 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, 1946 to 30th June, 1947.  |      |

##### RATING.

|   |    |
|---|----|
| The total net annual valuation of properties within irrigation and waterworks districts and urban districts and divisions thereof, including the Coliban System, amounted to £3,755,030, indicating a total capital value of over £75,000,000 | 45 |
| The total number of rating assessments in the districts supplied with water by the Commission is 89,097   | 45 |

##### IRRIGATION DEVELOPMENT.

|  |                      |
|--|----------------------|
| The area irrigated during the year was 708,590 acres   | 14 and<br>Appendix E |
| The area of land irrigated from streams by licence and annual permit has increased from 17,740 acres in 1937 to 43,582 acres in 1947 | 14                   |
| Production from irrigation districts during the 1945-46 season was valued at £12,000,000   | 15                   |

##### WATER SUPPLY.

|  |            |
|--|------------|
| The total capacity of water storages controlled by the Commission is 1,969,970 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 15,376,200 acres | 17         |
| The Commission's storages contained 1,426,160 acre feet at 1st July, 1946, and at the end of the irrigation season they contained 1,005,770 acre feet                    | 17         |
| Total water deliveries for the year from the Commission's irrigation systems were 693,134 acre feet  | Appendix A |
| Authorized diversions from streams issued under long-term licences and annual permits totalled 2,406   | 39         |

**TOWN SUPPLIES.**

|   |    |
|---|----|
| Concrete lining of the Channels of the Coliban System is proceeding. The total length lined is now 19 miles of main and 39 miles of subsidiary channels .. .. . | 34 |
| Portion of the main pipe line supplying the Flinders Naval Base has been re-routed and replaced   | 35 |
| Tenders have been accepted for the replacement of the old Bellarine Pipe Line from Waurin Ponds Basin to the Barwon River crossing near Marshall .. .. .        | 36 |
| A low level storage of 10,000,000 gallons capacity has been excavated to provide an improved supply to the City of Warrnambool .. .. .                          | 36 |

**DOMESTIC AND STOCK SUPPLIES.**

|  |    |
|--|----|
| Seasonal conditions in 1946-47 in the area served by the Wimmera-Mallee System were favourable both for farming and Water Distribution, the latter being carried out satisfactorily over the whole area served by the System .. .. . | 22 |
| The Main Channel serving the newly constituted Wychitella District was completed during the year .. .. .   | 23 |
| Sand drift continues to be a major problem in the Wimmera-Mallee System and to protect its channels from drift the Commission planted 2,250 acres of rye corn .. .. .  | 25 |

**PUMPING.**

|   |    |
|---|----|
| Work on the removal of the pumping station at Coreena to the Soldier Settlement Project at Robinvale is proceeding satisfactorily .. .. . | 26 |
| The replacement of aged boilers at Red Cliffs has been seriously retarded by industrial conditions .. .. .                                | 26 |

**NEW PROPOSALS—INVESTIGATIONS AND DEVELOPMENT.**

|   |       |
|---|-------|
| Exhaustive Investigations into the proposed enlargement of the Eildon Reservoir have been undertaken and the matter has now been referred to the Parliamentary Public Works Committee .. .. . | 27-28 |
| A report covering investigations for the alteration of the existing main channel system for the Torrumbarry System has been prepared .. .. .  | 29    |
| Construction of the Reservoir at Cairn Curran on the Loddon River and the Rocklands Reservoir on the Glenelg has commenced .. .. .  | 30    |
| The general investigations into the Water Resources of the State were continued .. .. .   | 29-32 |

**SOLDIER SETTLEMENT.**

|  |    |
|--|----|
| Sub-division of blocks in the 60,000 acre Soldier Settlement Area in the Murray Valley District is proceeding and the Commission is preparing for the Soldier Settlement Commission approximately 50 acres on each irrigated holding for growing lucerne and mixed pastures .. | 19 |
| Construction of the Robinvale Irrigation Project commenced in January, 1947 .. .. .  | 33 |

**FINANCE.**

|  |     |
|--|-----|
| The total receipts for water rates and charges for the financial year 1946-47 amounted to £735,954, the highest collection being £763,020 in 1942-43. Other receipts amounted to £183,393 ..   | 62  |
| The net Loan Liability of the State for works of water supply and drainage at 30th June, 1947, was £30,352,469, exclusive of equity in National Debt Sinking Fund .. .. .  | 107 |
| Of the net Loan Liability at 30th June, 1947, £1,531,206 is charged to Waterworks Trusts and other Local Governing Bodies, £1,139,931 is debited to districts directly controlled by the Commission, £380,989 is debited to the Plant and Machinery Account, and the balance £27,300,343 is borne by the State .. .. . | 61  |
| The total Interest Charges for 1946-47 amounted to £1,178,976 .. .. .  | 61  |
| Waterworks Trusts and Local Governing Bodies paid to the Treasury as interest on loans the sum of £59,499 .. .. .  | 54  |
| In addition, interest amounting to £32,008 in respect of Districts and Divisions under its control was met by the Commission .. .. .   | 54  |
| In 71 districts, the capital liability of which has been adjusted, the operations for the year resulted in a net surplus of £43,358 after providing for interest, redemption, and depreciation ..  | 61  |

## FINANCE—continued.

Page

|  |       |
|--|-------|
| A loss of £313,485 was incurred in operating districts to which the supply was continued by direction of the Governor in Council. This amount was debited to the "Revenue Expenditure Chargeable to the State Account" .. .. .                 | 61    |
| The net cost of services of a national character and other miscellaneous charges not debited to districts was £30,726 .. .. .  | 62    |
| The net cost to the State for Interest and Exchange, loss on districts supplied by direction of Governor in Council, and services not directly chargeable to water-users was £1,246,931 ..   | 61    |
| The total expenditure during the year on water distribution, maintenance of water supply and drainage works, administration, war damage insurance, and subsidies to Sewerage Authorities, &c., was £1,088,716 .. .. .                          | 60    |
| The value of stores and equipment held in the Stores Suspense Account as at 30th June, 1946, was £221,044 .. .. .  | 55    |
| The value of movable Plant and Machinery held in the Plant and Machinery Account as at 30th June, 1946, was £380,989 .. .. .   | 54    |
| A statement is included showing the details of the Water Supply Works Depreciation Account, and the amounts at credit of the Water Supply Works Depreciation Fund, and Water Supply Plant and Machinery Depreciation Fund respectively .. .. . | 94-97 |
| A sum of £118,701 was paid into Consolidated Revenue in respect of depreciation payments by Commission's Districts for the year 1946-47 .. .. .  | 94-97 |
| The amount at credit of Water Supply Plant and Machinery Depreciation Fund as at 30th June, 1947, was £94,114 .. .. .  | 97    |
| The arrears of water rates and charges outstanding at 30th June, 1947, was £416,104 ..   | 93    |
| The amount included in the Budget Estimate for 1947-48 for Vote Expenditure on works and services under the control of the Commission is £1,261,000. This amount is less by £25,606 than the Commission's estimated requirements .. .. .       | 108   |

## PART II.—GENERAL.

### OUTLINE OF REPORT.

This Report covers the period 1st July, 1946, to 30th June, 1947, 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 from the Commission's works, annual value of the land and tenements supplied and the number of persons living in these districts, the water rates and charges levied, the areas of land under irrigated culture within the State, the quantities of water delivered to districts during the year, and the capacities of the various storages. Financial particulars relating to the Commission's works and districts to the 30th June, 1947, and estimates of revenue and expenditure for the year 1947-48 are also included.

Reference is made to legislation passed by Parliament in 1946-47 affecting the Commission's operations, to inquiries made by the Parliamentary Public Works Committee into matters concerning water supply and to the report of the North-west Mallee Facts Finding Committee. The Report also makes reference to the progress of investigations of the water resources of Victoria and to works in progress.

Further information is given in regard to investigations into the enlargement of the Eildon Reservoir on the Goulburn River, and to other projects. Reference is also made to the position with regard to the removal of drift sand from the domestic and stock water supply channels in the Wimmera-Mallee System.

### LEGISLATION.

The following Act affecting the administration of the Commission was passed by Parliament in the 1946-47 Session.

“Soil Conservation and Land Utilization Act”—No. 5226.

This Act will come into operation on the 1st July, 1947.

This Act provides for a Land Conservation Authority to be set up to take the place of the Soil Conservation Board, but with greater powers than has the Board in regard to preventing misuse of lands. This Act makes special provision for the proclamation of water supply catchment areas, and for the control of the use of land therein. The Act also provides for the formation of a Land Utilization Advisory Council, formed from the Heads of the Departments of Agriculture and Lands and the Chairmen of the Forests and Water Commissions, together with the Chairman of the new Authority. This Council will advise as to policy regarding the use of the lands in catchment areas, the implementation of the policy being the function of the Authority.

### INQUIRIES AND REPORTS.

#### ROYAL COMMISSION TO INQUIRE INTO FOREST GRAZING.

The Legislation referred to above followed upon the report of Judge Stretton, who was appointed as a Royal Commission to inquire into the effect of grazing in forest areas with particular reference to water catchment efficiency and soil erosion. The recommendations contained in his report were :—

- (1) That a land utilization authority, charged with the duty of protecting all land, be created.
- (2) That, subject to the directions of a land utilization authority, or failing the creation of such a body, the control of all forest lands and of activities in the forests be vested in the Forests Commission.
- (3) That in exercising control of grazing the Forests Commission be guided as far as is safely possible by the advice of graziers, preferably to be given by their representative associations.
- (4) That in forest grazing districts in which graziers have shown that they are not to be trusted to protect the forest, a system of agistment of cattle by the Forests Commission be instituted.
- (5) That wherever the forest has been materially injured by fires it be closed to all possibly injurious activities pending its regeneration.

- (6) That the happening, in the assigned area of a lessee or licensee, of injurious fires which cannot be fairly considered to have been lit for a reason not related to the grantee's rights or interest in the area, be sufficient ground upon which to deprive the grantee of his grazing right, without further proof of the causes of the fires.

#### NORTH-WEST MALLEE FACTS FINDING COMMITTEE.

The North-West Mallee Facts Finding Committee was appointed on the 28th March, 1946.

- (1) To recommend the form of occupation most suited for the North-West Mallee areas of Victoria and to indicate the appropriate size of holdings.
- (2) To recommend the tenure on which land should be made available.
- (3) If temporary leasing of land is considered necessary in any instances, to make recommendations as to the terms of such leases.
- (4) Any other relevant recommendations.

In the Report to the Government on the 15th July, 1946, the Committee made comprehensive recommendations for the re-subdivision of the area under conditions which it is considered will enable the settlers who would remain to succeed.

#### PARLIAMENTARY PUBLIC WORKS COMMITTEE.

*Goulburn-Waranga Channel.*—During the year the Parliamentary Public Works Committee completed its investigations concerning the necessity for increasing the intake from the Goulburn River to the Waranga Basin and the best method of achieving such increased intake.

In its report dated 20th November, 1946, the Committee recommended :—

- (1) that the intake of water from the Goulburn Weir to the Waranga Basin be increased ;
- (2) that the existing channel be retained with a capacity of 1,500 cusecs, and that a duplicate channel of a capacity of 1,500 cusecs be constructed to provide for a maximum regulation of the waters of the Goulburn River ;
- (3) that the duplicate channel be constructed as soon as possible.

The Committee is also investigating the following water supply proposals.

*Tullaroop Creek.*—The desirability and practicability of constructing storage 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 supply for domestic and stock, irrigation and other purposes to areas which could be served from these works, and with particular reference to the domestic and industrial development of the towns and townships within these areas.

*Cobbledick's Ford.*—The practicability and cost of safeguarding the water users of the Bacchus Marsh and Werribee Irrigation and Water Supply Districts against various deficiencies in supply during drought periods, by the construction of a reservoir on the Werribee River at or in the vicinity of Cobbledick's Ford.

#### IRRIGATION PRODUCTION ADVISORY COMMITTEE.

In 1938, the Australian Agricultural Council set up a body known as the "Irrigation Production Advisory Committee" to advise on agricultural expansion in irrigation districts supplied from the River Murray. The resolution of the Council was in the following terms :—

"That a body comprising the Commonwealth Department of Commerce, The State Departments of Agriculture and the Irrigation Authorities in the States concerned be formed to investigate and determine what proportion of the increased water acreage shall be allotted to the various primary industries concerned."

This body, which superseded the River Murray Advisory Committee formed in 1928 and disbanded in 1936, advised the Australian Agricultural Council in 1938, that a comprehensive investigation into the various agricultural industries, which it would be possible to develop on irrigated lands, would be necessary for the economic utilization of the River Murray Waters.

The Irrigation Production Advisory Committee did not meet during the war years, but was resuscitated by the Australian Agricultural Council in 1945. The main functions of the Committee are "to prepare for the consideration of the Agricultural Council or any committee of Ministers appointed by the Council, conclusions formed from investigations to be carried out by Commonwealth and State officers into the various agricultural industries, which it is possible to develop on irrigated lands."

The Victorian representatives on the Irrigation Production Advisory Committee are :—

Mr. H. A. Mullett, Director of Agriculture.

Mr. L. R. East, Chairman, State Rivers and Water Supply Commission.

Mr. H. Hanslow, Commissioner, State Rivers and Water Supply Commission.

At meetings of the Committee, which have been held since 1945, matters affecting irrigation generally, such as national policy on expansion of horticultural and viticultural industries and their development for War Service Land Settlement, have been considered.

### REGIONAL PLANNING.

In 1944, the Government of Victoria appointed a State Regional Boundaries Committee "to make inquiries and submit recommendations as to the regional boundaries, which might be adopted within the State of Victoria."

The Government later adopted the recommendation of the Regional Boundaries Committee that "to facilitate the investigations of resources and the planning of future development, the State of Victoria be divided into thirteen regions" and approved the constitution of a Central Planning Authority to control long term planning for the permanent welfare and prosperity of the State.

Commissioner H. W. McCay, B.C.E., M.I.E.Aust., has been appointed a member of the Central Planning Authority, Victoria (with Mr. R. A. Horsfall as Deputy).

This Authority was empowered to constitute Regional Committees, each consisting of twelve members, six representing municipal councils and six being Government nominees.

Mr. S. W. Rogerson, A.M.I.E.Aust., was appointed by the Commission as Liaison Officer, Regional Planning.

During the year, conventions were held to elect municipal representatives for the Goulburn, Upper Murray, Loddon, Mallee, Upper Goulburn, Central Highlands, Glenelg, and Corangamite Regions.

These conventions were attended by the Commission's nominees for the respective regions, and the following were subsequently appointed members of Regional Committees by the Central Planning Authority :—

|  |    |    |                             |
|--|----|----|-----------------------------|
| Mr. E. P. Kendall, B.C.E., A.M.I.E.Aust.             | .. | .. | Goulburn Region             |
| Mr. H. G. Strom, B.C.E.                              | .. | .. | Upper Murray Region         |
| Mr. L. N. Welch, A.M.I.E.Aust.                       | .. | .. | Mallee Region               |
| Mr. R. A. Horsfall, B.C.E., B.Mech.E., A.M.I.E.Aust. |    |    | Central Highlands<br>Region |
| Mr. R. C. Simmons, B.C.E., A.M.I.E.Aust.             | .. | .. | Corangamite Region          |

Following the constitution of Regional Committees, the Commission has been requested to supply a considerable amount of detailed information on water resources and stream erosion, as well as on water supply and sewerage matters generally, but owing to the very great pressure on all officers of official work directly associated with approved developmental projects, soldier settlement, &c., actually in hand, it has not been possible to divert officers to the extent that would be necessary to compile all of the special reports which have been asked for in regard to long range local proposals in all the various regions.

### RIVER MURRAY COMMISSION.

The River Murray Agreement, which was incorporated in the River Murray Waters Acts passed by the Commonwealth and the States of New South Wales, Victoria, and South Australia in 1915, provided for the construction of works to conserve and regulate the flows in the Murray and lower Murrumbidgee Rivers, for the allocation of Murray waters between the three States concerned, and for the appointment of the River Murray Commission to give effect to the Agreement.

The works authorized by the Agreement, as amended in 1934, consist of the Hume Reservoir and Lake Victoria storages, Yarrawonga Weir, thirteen weirs and locks on the River Murray between Blanchetown in South Australia and Torrumbarry, two weirs on the lower Murrumbidgee River and chain of barrages at the Murray Mouth to exclude sea water from the Murray Mouth Lakes. The works were constructed for the River Murray Commission by existing State Authorities—of which the State Rivers and Water Supply Commission has been the constructing authority for Victoria—and were practically completed by 1940, at a total cost of approximately £12,000,000.

The River Murray Commission is not an irrigation authority, its functions being to control the construction and operation of the works and the distribution of water between the three States which, through their respective State Authorities, carry out all works for the utilization of the waters. Except in times of severe drought, the River Murray Commission is required to maintain a navigable depth of 5 feet over the length of river in which the weirs and locks have been installed—this being from the Murray Mouth Lakes to Mildura, a distance of 550 miles.

The River Murray Commission is comprised of representatives of the Commonwealth and the three States, the Victorian representative being Mr. L. R. East, who is the Chairman of the State Rivers and Water Supply Commission.

#### HUME RESERVOIR—INCREASE IN CAPACITY.

Continued efforts have been made by Victoria to expedite the granting of the necessary authority for the River Murray Commission to proceed with the enlargement of Hume Reservoir, but difficulty has been experienced in reaching agreement between the four contracting Governments concerned, and finality has not yet been reached in this regard.

As the enlargement of the reservoir, together with essential ancillary works, will occupy a considerable period of time, it is of paramount importance that the work be authorized at a very early date, in order that the rapidly expanding irrigation districts established along the Murray may be safeguarded against disastrous water restrictions—with consequent serious effects on national economy—when the next severe drought is experienced.

In order to provide as great a reserve as possible in the storage, and so reduce the effect of severe drought, it is considered that this storage should, if possible, be enlarged beyond the 2,000,000 acre feet capacity for which it was originally designed, and to which stage the dam has been largely completed. In this regard, preliminary investigations indicate that it could probably be enlarged to approximately 2,400,000 acre feet at reasonable cost.

#### RIVER IMPROVEMENT AND MAINTENANCE.

The Government has announced its intention of presenting to Parliament a Bill making provision for the carrying out and more efficient maintenance of river improvement and drainage works in other than irrigation districts.

The Commission continues to receive requests from all parts of the State for assistance to carry out river improvement and drainage works, and is hopeful that the projected legislation will become law and thus enable the Commission to deal more effectively with this important problem.

#### DISMAL SWAMP—DRAINAGE.

At the request of the Government of South Australia, a conference between officers representing the State Rivers and Water Supply Commission and the South Australian Land Development Executive and South Eastern Drainage Board was held at Mount Gambier in February, 1947, to discuss the practicability of draining the Dismal Swamp in South Australia to the Glenelg River in Victoria. Dismal Swamp, which is situated approximately 15 miles north of Mount Gambier and embraces an area of approximately 40,000 acres, is regarded by the Government of that State as suitable for soldier and closer settlement, but any such development is contingent on drainage of the swamp.

A preliminary investigation has indicated that it would be practicable to provide an outfall from the swamp to the Glenelg River. The South Australian Government now proposes to carry out preliminary surveys and prepare tentative plans for such an outfall, after which a further conference will be arranged between departmental officers of the two States with a view to making recommendations in regard to the project.

## UTILIZATION OF SNOWY RIVER WATERS.

Alternative proposals for the utilization of the waters of the Snowy River by diversion to either the Murrumbidgee or Murray Rivers have been the subject of a special investigation by the Commonwealth Departments of Works and Housing and Post-War Reconstruction, in accordance with arrangements made at a conference held at Canberra on the 25th June, 1946.

At the Canberra conference, at which Victoria was represented by the Premier, the Honorable J. Cain, M.L.A., the Minister of Water Supply, the Honorable L. W. Galvin, M.L.A., the Chairman of the State Rivers and Water Supply Commission, Mr. L. R. East and the Chief Engineer of the State Electricity Commission, Mr. E. Bate, it was pointed out that diversion into the Murray instead of into the Murrumbidgee, as proposed by New South Wales, would permit the development of a very great amount of hydro-electric power, while leaving all of the water diverted still available for irrigation purposes.

## ADMINISTRATION.

### COMMITTEES UPON WHICH THE COMMISSION IS REPRESENTED.

*Australian National Committee on Large Dams.*—Mr. M. G. Speedie, M.C.E., A.M.I.E.Aust., Assoc.M.Am.Soc.C.E.

*Advisory Committees of Merbein and Tatura Research Stations.*—Mr. J. A. Aird, B.Ag.Sc., B.Sc., Dip.Com.

*Bogong High Plains Advisory Committee.*—Mr. I. G. Forbes.

*Building Industries Congress of Victoria.*—Mr. S. W. Rogerson, A.M.I.E.Aust.

*Central Planning Authority.*—Mr. R. A. Horsfall, B.C.E., B.Mech.E., A.M.I.E.Aust. as Deputy for Mr. Commissioner McCay, B.C.E., M.I.E.Aust.

*Expert Committee on Stream Pollution.*—Messrs. H. G. Strom, B.C.E., and R. H. Richmond, B.C.E.

*Faculty of Agriculture and Board of Study of Public Administration at University of Melbourne.*—Mr. J. A. Aird, B.Ag.Sc., B.Sc., Dip.Com.

*Dismal Swamp Drainage Conference.*—Messrs. A. F. Ronalds, M.C.E., A.M.I.E.Aust., and E. J. Lupson, C.E., L.S., A.M.I.E.Aust.

*Government Motor Transport Committee.*—Mr. J. J. McDougall.

*Directorate of Kyabram Cannery and Goulburn Valley Canneries Pty. Ltd.*—Mr. J. A. Aird, B.Ag.Sc., B.Sc., Dip.Com.

*Metropolitan Domestic Firewood Committee.*—Mr. E. Brown, J.P.

*Murray River Levee Banks Interstate Committee.*—Mr. E. J. Lupson, C.E., L.S., A.M.I.E.Aust.

*Nyah-Woorinen Enquiry Committee.*—Messrs. F. Rogerson, C.E., A.M.I.E.Aust., and J. A. Aird, B.Ag.Sc., B.Sc., Dip.Com.

*River and Streams Committee.*—Mr. H. G. Strom, B.C.E.

*Regional Committees.*—*Upper Murray*—Mr. H. G. Strom, B.C.E. *Goulburn*—Mr. E. P. Kendall, B.C.E., A.M.I.E.Aust. *Mallee*—Mr. L. N. Welch, A.M.I.E.Aust. *Port Phillip*—Mr. S. W. Rogerson, A.M.I.E.Aust.

*Soil Conservation Board.*—Mr. L. N. Welch, A.M.I.E.Aust.

*Standards Association of Australia.*—*Cement Panel*—Mr. J. M. Mathew, B.M.E., A.M.I.E.Aust. *Committee on Statistics of Industrial Accidents*—Mr. E. D. Shaw, M.C.E., M.Inst.C.E., M.I.E.Aust. *Committee on Work in Compressed Air*—Mr. R. G. Knight, M.C.E., M.Inst.C.E., M.I.E.Aust.

*Victorian Committee of National Association of Testing Authorities.*—Mr. J. M. Mathew B.M.E., A.M.I.E.Aust.

*Committee Appointed to Revise Construction Engineering Course at Melbourne Technical College.*—Mr. E. D. Shaw, M.C.E., M.Inst.C.E., M.I.E.Aust.

## HOUSING.

As well as the construction or acquisition of offices in country districts, it is the policy of the Commission to provide residences for those officers whose duties require them to live in rural areas where it is often difficult to rent suitable homes. At the present time the buildings which have been constructed or acquired by the Commission comprise 32 administrative offices with accompanying stores and workshops and 296 residences exclusive of the scores of buildings providing accommodation for staff and workmen on major construction jobs.

The general shortage of dwellings and the persistent lag in the supply of building materials which exists throughout Australia has made it very difficult to provide suitable accommodation for many members of the Commission's staff stationed in country districts and the Commission has an immediate need for the erection of an additional 64 dwellings in various localities throughout the State.

During the past year 14 new dwellings including six prefabricated houses were completed and a further six dwellings are now in course of construction.

In a further endeavour to speed up the provision of residences, the Commission purchased 14 additional dwellings in various country centres, four of which were removed to other locations.

To meet the very urgent need for dwellings and quarters in country districts the Commission during the year purchased 234 buildings from nine disused military camps as they became available through the Disposals Commission. The materials obtained from this source were used to augment the supply of materials available by direct purchase. In this way it was possible to carry out a considerable volume of repair and maintenance work as well as new construction which would otherwise have been impossible.

#### DEATHS AND RETIREMENTS.

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

Mr. J. W. Horridge, Revenue Officer at Cobram; Messrs. P. J. McEniff, F. G. Dobson and O. R. Wills, Clerks; Water Bailiff F. C. Clark; Rangers T. McNamara and J. Galvin; and Mr. R. G. Macey, who retired in 1927.

The Commission wishes to take this opportunity of expressing its appreciation of the loyal and valuable service rendered by the following officers, who retired during the year having attained the statutory retiring age :—

Messrs. L. B. Barwick, Chief Mechanical Engineer; H. S. Conradi, Divisional Engineer; N. S. Chalk, Revenue Officer; A. Berlowitz and O. Steiner, Assistant Engineers; Senior Inspector L. E. G. Cleaver; Inspector J. W. Eagle; Head Water Bailiff A. J. Cooke; Senior Water Bailiff J. A. V. L. Coverdale; Overseer J. Carlyon; Reservoir Keeper W. Stanley; Water Bailiffs G. W. Ritchie, H. Worthington and R. T. Jones; Ranger C. E. Daly; and Messrs. D. W. Bissett and G. A. Holmes, Clerks.

#### PROMOTIONS.

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

Messrs. E. D. Shaw, M.C.E., M.Inst.C.E., M.I.E.Aust., to Chief Constructional Engineer (Class "A1"); R. G. Knight, M.C.E., M.Inst.C.E., M.I.E.Aust., to Chief Designing Engineer (Class "A1"); F. C. Hodgson, A.M.I.E.Aust. to Chief Mechanical Engineer (Class "A1"); E. McD. Walker, B.C.E., A.M.I.E.Aust., to Divisional Engineer (Class "A"); J. H. Standish, B.C.E., A.M.I.E.Aust. to Executive Engineer, Grade I. (Class "A"); H. E. Harding, B.Sc. (Calif.) and M. G. Speedie, M.C.E. A.M.I.E.Aust. Assoc.M.Am.Soc. C.E., to Senior Designing Engineers, Grade I., (Class "A"); K. D. Green, B.C.E., A.M.Inst.C.E., Assoc.M.Am., Soc.C.E., A.M.I.E.Aust. to Senior Designing Engineer, Grade II. (Class "A") A. F. Ronalds, M.C.E., A.M.I.E.Aust., and R. A. Horsfall, B.C.E., B.Mech.E., A.M.I.E.Aust., to Research Engineers (Class "A"); J. Mulvany, B.C.E., A.M.I.E.Aust. to Assistant Divisional Engineer (Class "A"); A. J. Robin, M.V.I.S. to Chief Surveyor (Class "A"); H. L. Boorman, to Estates Officer (Class "A"); H. C. Valentine, A.M.I.E.Aust. to Chief Valuer (Class "A"); S. W. Rogerson, A.M.I.E.Aust. to Executive Engineer, Grade II. (Class "A"); A. R. McConchie, A.M.I.E.Aust., B. W. Rombach-Scharp, B.C.E., A.M.I.E.Aust., N. M. Worner, B.C.E., and T. K. Anderson, B.C.E. to Executive Engineers, Grade III. (Class "A").

## RESIGNATIONS.

During the year 101 officers and employees resigned from the Commission's service, of whom 17 were engineers and surveyors, 19 were draughtsmen or draughtswomen, 25 were clerks, 19 were typists and 21 were bailiffs. Included in the resignations were two senior engineers, Messrs. H. H. C. Williams, Senior Executive Engineer and C. A. J. Inman, Designing Engineer.

## STAFF.

For the purposes of comparison a statement showing the number of officers on the Commission's staff in the years 1926, 1936 and 1947 is set out.

|  | 1926.        |            |        | 1936.       |            |        | 1947.        |            |        |
|--|--------------|------------|--------|-------------|------------|--------|--------------|------------|--------|
|  | Permanent.   | Temporary. | Total. | Permanent.  | Temporary. | Total. | Permanent.   | Temporary. | Total. |
| Professional Officers ..                   | 148          | 10         | 158    | 120         | 3          | 123    | 194          | 99         | 293    |
| Clerical Officers ..                       | 113          | 8          | 121    | 72          | 9          | 81     | 123          | 75         | 198    |
| General ..                                 | 240          | 51         | 291    | 175         | 21         | 196    | 294          | 236        | 530    |
| Totals ..                                  | 501          | 69         | 570    | 367         | 33         | 400    | 611          | 410        | 1,021  |
| Percentage Employees on Temporary basis .. | 12 per cent. |            |        | 8 per cent. |            |        | 40 per cent. |            |        |

## TRANSPORT.

The total mileage travelled by motor vehicles engaged in the service of the Commission for the year under review was 1,743,256. Of this, 1,419,184 miles were covered by 140 vehicles owned by the Commission comprising 10 cars, 90 utilities and 40 other vehicles of various types including four transporters.

Cars used by Commission's officers on official business on a rate per mile basis numbered 120 and travelled 324,072 miles. 54 vehicles were purchased by the Commission during the year including 27 second-hand vehicles procured from the Commonwealth Disposals Commission. Many vehicles are, however, in need of replacement and the increase in the field of the Commission's operations has put a severe strain on the limited transport available.

## IRRIGATION DEVELOPMENT.

## 1946-47 SEASON.

As mentioned in the Annual Report for 1945-46, the quantity of water in storage at the end of that year and consequently at the beginning of this was satisfactory and gave every promise of a good irrigation season. As set out elsewhere in this report this promise was fulfilled, and the area irrigated reached a new record of 708,590 acres exceeding the previous record by 43,346 acres.

A most significant increase in the irrigated areas in the past few years has been in private diversions from streams by licence and annual permit, which have increased in the last ten years from 17,740 acres to 43,582 acres. The area irrigated in the Murray Valley Irrigation District has continued to increase as channels are extended to additional areas. A considerable further increase in the area irrigated in this district will probably take place next year when the first sections of the 60,000 acre soldier settlement will be irrigated.

The various types of irrigated production in the state showed an increase over the previous year although the area of sorghums and summer fodder crops was only half of the 34,326 acres irrigated in 1944-45. Sown pastures continued to increase in area and the total of 326,822 acres is almost half the total irrigated area of 708,590 acres. In 1931-32 the first year that sown pastures were recorded separately the area of sown pastures irrigated was only 43,560 acres out of a total of 418,415 acres irrigated.

Irrigation of old established vineyards at Rutherglen by private diversion caused an increase in the area of vineyards now irrigated and there have been additional plantings in the Goulburn Valley.

## PRODUCTION.

Production from the irrigation districts is believed to be a record although the delay in preparation of returns of various industries and their checking prevents the compilation of a reasonably accurate estimate for same months. The value of production for the season 1945-46 has, however, been estimated and checked and is considered to have been £12,000,000 made up as follows :—

|  |    |    |    |    |    |    | £          |
|--|----|----|----|----|----|----|------------|
| Livestock—   |    |    |    |    |    |    |            |
| Dairying   | .. | .. | .. | .. | .. | .. | 3,200,000  |
| Other cattle   | .. | .. | .. | .. | .. | .. | 250,000    |
| Pigs   | .. | .. | .. | .. | .. | .. | 300,000    |
| Sheep, lambs, and wool                                 |    |    | .. | .. | .. | .. | 1,600,000  |
| Poultry  | .. | .. | .. | .. | .. | .. | 500,000    |
| Horticulture—  |    |    |    |    |    |    |            |
| Dried Vine Fruits                                      | .. | .. | .. | .. | .. | .. | 2,400,000  |
| Deciduous Fruits                                       | .. | .. | .. | .. | .. | .. | 1,300,000  |
| Citrus   | .. | .. | .. | .. | .. | .. | 700,000    |
| Vegetables, including tomatoes                         |    |    | .. | .. | .. | .. | 1,000,000  |
| Farm Products—Cereals, hay, sugarbeet, and grass seeds |    |    |    |    |    | .. | 750,000    |
| Total  | .. | .. | .. | .. | .. | .. | 12,000,000 |

An estimate was made from the statistics available of areas irrigated, stock carried in the districts, and current prices of the value of production for the years 1905-06 and 1925-26.

The comparison with that of the areas irrigated is as follows :—

| Year.   |    |    |    |    | Area Irrigated. | Value of Production. |
|---------|----|----|----|----|-----------------|----------------------|
|         |    |    |    |    | Acres.          | £                    |
| 1905-06 | .. | .. | .. | .. | 198,519         | 500,000              |
| 1925-26 | .. | .. | .. | .. | 343,685         | 5,000,000            |
| 1945-46 | .. | .. | .. | .. | 656,845         | 12,000,000           |

During the period of 40 years there has been a gradual change from irrigation of annual crops such as cereals and sorghums to permanent plantings producing high value crops such as orchards, vineyards, and permanent pastures. In addition there has also been a rise in unit values of primary produce.

Dairying generally probably had a record production during 1946-47 although all factory reports are not yet available. Those already published show the price paid per pound of butter-fat as the highest since the establishment of the Commission.

Including subsidy and additional payments from profits butter-fat realized just over 2s. 1d.

## COMPETITIONS.

The Hanslow Cup Competition for the Best Effort to control Sand Drift on a Mallee Farm was again conducted during the year in conjunction with the Soil Conservation Board. Competitions for the " Farm with the Most Efficient Use and Control of Water " and " Best Areas of Lucerne, of Irrigated Pasture, and of Summer Fodder Crops " were conducted in the Tragowel Plains, Cohuna, Maffra-Sale, and Murray Valley Districts in conjunction with the local agricultural Societies.

## SOIL SURVEYS AND INVESTIGATIONS.

During the year, in conjunction with the Department of Agriculture, a Soil Survey of part of the area reserved for irrigation at Robinvale was carried out in the parishes of Bumbang and Tol Tol, on the River Murray, and an area was selected for soldier settlement. A soil survey of the remainder of the reserve is proceeding.

Field work is also proceeding in the survey (noted in the last report) of lands in Central Gippsland which can be supplied from the Macalister River.

#### RESEARCH AND INVESTIGATION.

The Commission has continued to co-operate with bodies carrying out research work in various phases of irrigated culture. Elsewhere in the report is a statement of the Committees on which the Commission is represented. Water was again made available without charge for experimental and developmental plots at twenty schools in the irrigation districts. Seed of "Sweet Sudan Grass" an improved variety of Sudan Grass was imported from U.S.A. and samples distributed to various schools and Young Farmers' Clubs for testing in small plots.

#### DISTRICT ADVISORY BOARDS.

These Boards again functioned successfully in all irrigation districts and in the drainage districts of Cardinia and Carrum and were of great assistance to the water users and to the Commission in dealing with local water supply and drainage problems.

#### SETTLEMENT OF EX-SERVICEMEN IN IRRIGATION DISTRICTS.

During the year the Commission continued its co-operation with the Soldier Settlement Commission. Plans of subdivisions were prepared of the area of 60,000 acres selected for settlement in the Murray Valley District and as possession of land was obtained, plans for the development of the individual holdings were drawn up and work commenced on grading and general preparation of the land for sowing with lucerne and permanent pasture in the Spring. This work was carried out by the State Rivers and Water Supply Commission for the Soldier Settlement Commission.

At Robinvale the Commission co-operated with the Department of Agriculture in the Soil Survey and when sufficient data was available an area was selected for the settlement of ex-servicemen.

The Joint Departmental Committee mentioned in the last report investigated a number of proposals for soldier settlement in irrigation districts and officers of the Commission reported on applications to the Soldier Settlement Commission for individual settlement.

#### DISTRICT EXTENSIONS AND EXCISIONS.

The Maffra-Sale Irrigation District was extended to include an area of 500 acres benefited by the Commission's works.

An area of 120 acres was excised from the Normanville Waterworks District and added to the Boort Irrigation District from which District it receives a water supply.

Chelsea-Frankston, Dandenong-Springvale, Red Cliffs, Nyah, and Allansford Urban Districts were extended to include lands served by extensions of the respective reticulation systems.

An area of 280 acres, which was too high to receive a satisfactory water supply by gravitation, was excised from the Mornington Urban District.

Several areas which have been subdivided into building lots have been excised from the Walpeup West Waterworks District and the Shepparton and Rodney Irrigation Districts and added to the districts controlled by a Local Governing Body or Waterworks Trust.

#### NEW DISTRICTS.

The townships of Officer, Narre Warren, Nar-Nar-Goon, and Tynong have been proclaimed Urban Districts.

Portion of the Dingee Irrigation District comprising 5,870 acres which will be benefited by a system of drainage works now nearing completion has been constituted the Dingee Drainage District.

### PART III.—WATER SUPPLY.

#### WATER DISTRIBUTION.

In Victoria, the total area of land supplied with water for domestic and stock purposes and for irrigation excluding the metropolitan areas, amounted to 15,376,200 acres.

In several irrigation districts a demand for irrigation supplies was made in mid-August.

Although dry conditions prevailed in the autumn of 1947, all demands made for supplies of water to the land were met from the main Goulburn and Torrumbarry Systems.

The volume of water released from Waranga Reservoir amounted to 665,085 acre feet. Of this quantity 277,158 acre feet was delivered to irrigators and 12,692 acre feet passed on to the Wimmera-Mallee Waterworks District at Loddon Weir.

Water was also released from the Goulburn Weir and Goulburn-Waranga Channel for the eastern portion of the Goulburn System and amounted to 259,856 acre feet; of this quantity 106,275 acre feet was delivered to irrigators.

During the year, a total of 696,109 acre feet of water, including 46,854 acre feet by pumping for Red Cliffs, Merbein, Nyah districts was delivered from Commission's channels to landholders in irrigation districts. In addition a volume of 34,197 acre feet was supplied to lands outside the boundaries of the Commission's districts, making a total delivery for irrigation of 730,036 acre feet. See Appendix A.

This quantity was only 1,364 acre feet less than that delivered during the record season 1944-45 when water deliveries totalled 731,670 acre feet of water.

Of the total volume of water (925,673 acre feet) drawn from the headworks of the Goulburn System, the Commission delivered 383,433 acre feet; this was 9,060 acre feet greater than the previous record delivery in the year 1943-44. In addition 12,692 acre feet were passed to the Mallee.

Returns of water delivered to individual irrigation districts for irrigation and other purposes in the year 1946-47, and all water released from waterworks for supply of Wimmera-Mallee and other waterworks districts for the year under review are included in the Appendices to this report.

The Commission's main water storages with total capacity of 1,879,850 acre feet contained 1,426,160 acre feet of water on the 1st July, 1946, and at the termination of the irrigation season on 15th May, 1947, the volume remaining in all storages amounted to 1,005,770 acre feet, which quantity was increased to 1,243,850 acre feet on 30th June, 1947.

#### GOULBURN DIVISION.

The Goulburn Division comprises the irrigation districts of Shepparton, North Shepparton, South Shepparton, Katandra, Rodney, Tongala-Stanhope, Deakin, Rochester, all supplied from Goulburn River Works; the Campaspe District which obtains water on a sales basis from Campaspe River near Rochester; and Murray Valley District supplied by diversion from the Murray River at Yarrawonga. It includes also the drainage districts of Shepparton, Rodney, Tongala-Stanhope and Rochester, the Flood Protection Districts of Loch Garry and Kanyapella, and the Urban Divisions of Stanhope, Corop, Lockington, and the newly constituted division of Tallygaroopna.

Irrigation commenced on the 1st September, with demand at about half normal, but by the end of the month and from then onward, as a result of the extremely dry weather conditions, the channels were run at full capacity to meet the consistently heavy draw-off for general irrigation. The usage was notably heavy up to the end of November, when approximately 47 per cent. of the aggregate water right of the Division and 5 per cent. of sales quota had been delivered. The lack of seasonal rains necessitated more frequent and apparently heavier waterings in some districts to maintain irrigated culture, and consequently many irrigators of Katandra and Rochester having by the end of February used their full entitlement of water for irrigation, applied for additional sales. The Commission after a careful survey of the water position, agreed that in cases of hardship supplementary sales of water be made available during the remainder of the season, provided (1) that district quotas were not exceeded, and (2) that normal supplies of

water rights and sales quotas to other irrigators were not delayed. The season remained dry to the end of April, and as there was still an appreciable demand for water in several districts, the Commission extended the season to 15th May. Rodney District closed down on 2nd May, after a record delivery of 95,300 acre feet, and Shepparton on 7th, the demand being insufficient to warrant continuance; whilst Rochester with a record delivery of 88,106 acre feet, Tongala-Stanhope and Murray Valley Districts closed down on the 15th May.

Generally labour was sufficient, but cement with other construction material, was in short supply and occasioned some delay in carrying out many works.

Mechanical excavators were used for desilting and reconditioning channels in Rodney District and to a lesser extent in Tongala and Rochester Districts, a total of 16 miles being reconditioned in this way, of which 14 miles, including 11 miles of Kavanagh Channel were in Rodney District. In the Deakin District water weeds were removed from 11 miles of badly infested channels by tractor-drawn hooks. In Rodney District several old timber bridges, culverts and checks which had decayed beyond repair were renewed in reinforced concrete, including three bridges on Cussen Main Channel and a bridge over Old Wilson Channel alongside the New Wilson Channel on the Tatura-Murchison Main Road; other timber structures were suitably repaired.

#### DRAINAGE DISTRICT WORKS.

The maintenance of drainage district works received careful attention. In Rochester, Tongala, and Shepparton Drainage Districts mechanical excavators cleaned out and remodelled 49 miles of main drains; other drains were maintained in clean condition by the removal of weeds and silt-bars by labour gangs and the use of the "chinese rake".

During the year the Rodney, Undera, and Ardmona Main Drains were extended a total distance of six and a half miles, involving 120,000 cubic yards of excavation; with the exception of a 60 chain section of Undera Drain excavated by contract horse teams, the whole of the work was carried out by power excavators and tractor-drawn scoops. Work is proceeding on Ardmona Main Drain.

#### MURRAY VALLEY DISTRICT.

The area of Murray Valley District is 269,334 acres of which 112,485 acres is now supplied with water for irrigation on a one-in-four basis. Channel construction has continued and this will enable a further 5,015 acres of land to be brought under irrigation during the coming year. The purchase of land in Murray Valley District and its subdivision for the settlement of ex-servicemen and the allocation thereto of water rights plus extra water rights on the basis of a maximum of 100 acre feet to mixed farming blocks and 50 acre feet to orchard blocks has necessitated enlargement of some of the existing channels and the construction of additional distributary spurs. Special attention was given to this work so that water would be available for irrigating the blocks of the subdivision as early as possible.

The importance of having their land properly prepared for irrigation culture to obtain the best results with minimum water usage, has been generally recognized by landholders who fully availed themselves of the Commission's services, and in this connexion, 1,164 acres were surveyed and laid out during the year.

The channel system was maintained in good running order; several curves were beached to prevent erosion, and an outfall channel 64 chains long was constructed from Spur 5/3 dead end to Wild Dog Creek. Leakage continued to occur at points along main channels mainly through the unstable ground below embankment seats; the leaks were successfully trenched and backfilled by hand, but this method is slow and costly, and consideration is being given to the employment of power trenching machines for this work.

#### GOULBURN MAIN CHANNELS.

East Goulburn, Goulburn-Waranga and Western Waranga Mains were kept clean and in good running order. On the Goulburn-Waranga Channel several minor leaks were effectively stopped, and at Hammond's Bend at chainage 17 miles, face scours were filled in and beached, and sections of the channel banks were strengthened and beaching placed along the water-line.

#### LAND SUBDIVISIONS.

During the year seventy-seven private subdivisions of land within irrigation districts were submitted for Commission's approval in accordance with the provisions of the Water Acts. These subdivisions necessitated the construction by the Commission of numerous minor works of irrigation and drainage to meet the requirements of the subdivided areas ; the cost of all such works and the capitalized depreciation charges were met by the subdividers. It was noted with some concern that many of these subdivisions resulted in small holdings with water rights far below those needed for full development of the land as " living areas ".

#### FLOOD PROTECTION DISTRICTS.

The works of Loch Garry and Kanyapella Flood Protection Districts were maintained in efficient condition.

#### URBAN DIVISIONS.

These comprise Lockington, Stanhope, Corop, and the newly constituted division of Tallygaroopna, the works for which, and for proposed enlargement and extension of the reticulation at Lockington and Stanhope have not progressed greatly because of the acute shortage of pipes, fittings and plant. At Tallygaroopna the earthen storage tank, inlet structure and filling channel have been completed ; pipes, fittings and machinery are not yet available, and there was no response to advertisements for tenders for the supply and erection of the 25,000 gallon elevated steel tank.

#### SOLDIER SETTLEMENT DEVELOPMENTAL WORKS.

##### MURRAY VALLEY DISTRICT.

The Commission at the request of the Soldier Settlement Commission carried out the works in connexion with the subdivision of the 60,000 acres which are being purchased by the Soldier Settlement Commission in Murray Valley District for the settlement of ex-servicemen. The whole of the area purchased was subjected to a 3-inch contour survey and contour plans were prepared in order that tentative designs for subdivision of the land into farm-unit areas could be made so that the land could be utilized to the best advantage for irrigation and drainage purposes.

The unit areas adopted under the scheme comprise an approximate area of 100 acres commanded and suitable for irrigation under mixed farming, and 40 acres of commandable and suitable land for fruit growing.

The Commission also undertook the work of developing approximately 50 acres in each holding under irrigation for the growing of lucerne and mixed pasture. This work involved the purchase of suitable plant and the organization of camping facilities for the men employed on the works. The opportunity was taken to purchase No. 5 R.A.A.F. Hospital at Barooga and use the buildings as a construction camp for the men employed on these developmental works. While the camp is some distance from the centre of activity, the fact that it was already established enabled work to be commenced with a minimum of delay. The men employed on these works comprise 75 per cent. returned soldiers who will ultimately take up land in the area and are thus gaining a first class training in the preparation of land for irrigation, and at the same time are in a position to know the quality of the land within the area.

Plant purchased for this work comprised 21 tractors, 15 ploughs, 8 graders, 4 sets of harrows, 3 cultivators, 8 drills, a spike roller, 2 concrete mixers, 1 circular saw bench, auto-loggers, 2 delvers, grubbing plant, portable pumping unit, and two motor vehicles ; in addition a number of contractors with complete farming plants were engaged on contract works.

The scheme provides for the preparation, layout, grading, checkbanking and sowing approximately 50 acres on each mixed farming unit area to lucerne and mixed pastures in the proportion three-fifths of the area in lucerne and two-fifths in mixed pastures.

Work was commenced in March, 1947, and by the 30th June, 1947, 3,500 acres of land had been brought under cultivation, and seeding is proceeding.

The complete scheme provides for the preparation of 4,500 acres for orchard planting on approximately 150 blocks, and 33,600 acres for lucerne and mixed pastures on 450 mixed farming blocks, and the construction of the internal distributary channel system for the irrigation of each holding. The work will be extended over a period of from three to five years.

## LODDON DIVISION.

The 1946-47 irrigation season commenced under extremely dry conditions. In all districts administered by the Loddon Division the rainfall was well below the average and the demand for irrigation water remained very keen until March, when beneficial rains resulted in a temporary easing of the supply position. However, a continuation of dry conditions through April, brought about an extension of the season to the 14th May, 1947.

From early spring onwards, the weed growth in all channels showed a marked increase over previous years and the growth during autumn was so prolific in all channels and natural streams used as carriers that weed cutting gangs were engaged continuously throughout this period to maintain supply to irrigators. At the same time the growth of *paspalum distichum* in drainage channels was greater than in previous years.

## BOORT CENTRE.

A total of 18,600 acre feet of water was delivered in the Boort Irrigation District during the season. This total has been exceeded only in the 1940-41 season. In the Normanville and West Loddon Waterworks Districts all requirements for domestic and stock purposes were met and deliveries to the Wimmera-Mallee Districts via the Waranga Western Channel totalled 27,517 acre feet. The difficulties of supply along this channel were considerably lessened by the cleaning out of the section from 14 miles to 19 miles during the season.

The channel distributary works, totalling 38 miles, for the Gredgwin High Level area have been completed and it is anticipated that this area will be incorporated in the Normanville Waterworks District for the 1948 watering season when it is expected that the pump unit and rising main will have been installed.

The construction of a connecting channel from the Waranga Western Channel at about eight miles to the existing North Boort Main Channel has been commenced. The completion of this channel will enable the use of the Kinypanial Creek as a carrier to be discontinued and should materially increase the efficiency of this portion of the district.

Sand drift removal was continued during the year and the channels serving the waterworks districts are now in efficient condition for the first time since the severe drift of the recent drought years.

## PYRAMID CENTRE.

For the twelve months period ending 30th June, 1947, the rainfall throughout the districts administered from the Pyramid Centre was 990 points; this compares with a general average of 1,380 points. These dry conditions brought about a keen demand for water, especially in the spring. Irrigation commenced on the 10th August, 1946, and ended on the 10th May, 1947. During this irrigation season a total of 60,593 acre feet was delivered to users in the districts.

The total area irrigated for this season was 63,782 acres compared with 61,036 acres during the previous season. Good entries were received for the annual competitions held under the auspices of the Pyramid Hill Agriculture Society. The first prize for pastures was won by Mr. M. Bayliss, of Dingee, Mr. W. Sly was successful in the summer-fodder group, and his entry which was a fine millet crop stripped eighteen bags to the acre.

In the proposed Dingee Drainage District, a total of thirteen miles of drains were completed during the year, and altogether sixteen miles of irrigation channels were cleaned out in the Tragowel Plains District.

## COHUNA CENTRE.

Water supply to the district was satisfactory, and throughout the season a total of 84,010 acre feet was supplied to irrigators. Rainfall in the early autumn eased the pressure on the district supply system during the normal peak period, but, owing to a prolonged dry spell towards the end of April, the irrigation season was extended to 14th May, 1947.

During the season, a total of eleven miles of irrigation channels and nine miles of drainage channels were cleaned out by dragline excavators. This year it was possible to hire dragline machines to irrigators on a limited scale for cleaning and improving private channels. A total of 72 miles of channels were treated, and, as well as the irrigators benefiting directly from this work, it was noticeable that, in practically all cases, the full supply of the Commission's channels could be held at appreciably lower levels.

To give a more definite control of flood waters from the River Murray, the gates were replaced and drop bars installed to above full-supply level at the old headworks structure on the National Channel. At Berry's regulator, the gates were cleaned and new sealing rods fitted, also bush timber groynes were installed to prevent scouring downstream of the structure.

An investigation of leakage from the National Channel at certain localities disclosed that water was escaping through local seams of drift sand from 12 to 21 inches in width at depths of from 10 to 12 feet below the natural surface. These have been opened up and are being treated with clay pug.

Early in the year a considerable leakage developed through the Box Creek Weir due to the scouring out of both earthen abutments; this was repaired by placing concrete cutoff walls through both embankments.

In the Cohuna Urban Division a new main was laid along Kirby-street for service to a group of dwellings erected by the Housing Commission. In the Leitchville Urban Division some 19 chains of main were cleaned during the year.

#### KERANG CENTRE.

The demand for water remained firm throughout the year. Supply to the various districts was made difficult by the excessive weed growth in all channels. The condition of the Pyramid Creek is becoming steadily worse due to weed growth and siltation, and this year adequate supplies to the Lakes System and to Swan Hill District were maintained only by continuous cutting of waterways through the weeds. Punts and rafts were necessary for this purpose.

The Macorna Channel also, particularly that section between the Bendigo-road and the Loddon River which controls supply to the western portion of the district, gave continuous trouble from November to March. This section was cleaned following the termination of the watering season and conditions should be considerably improved during the coming year. However, the Macorna Channel which is approaching 60 years old, is badly silted throughout, and requires cleaning over its full length before its condition can be regarded as satisfactory.

The Macorna channel flume over the Pyramid Creek was repaired this season. This work will greatly improve the efficiency of the channel for the coming season. Repairs were also effected to the Koondrook Spillway.

Throughout the year a total of 28 miles of channels and drains were cleaned out in the districts controlled from Kerang Centre.

#### SWAN HILL CENTRE.

The rainfall for the year was 1,081 points, being 630 points less than the previous year. A total of 31,850 acre feet of water was delivered to irrigators within the Swan Hill District as well as 5,652 acre feet to private diverters on Pental Island and 6,567 acre feet to the Tresco and Fish Point districts.

On account of frost damage the dried fruit crop from the Woorinen area was considerably below the average. The totals of the various types handled by the Woorinen Co-operative shed were sultanas 882 tons, currants 58 tons, lexias 80 tons, and prunes 5 tons. The Swan Hill butter factory output totalled 705 tons which was 139 tons above the previous year.

### GIPPSLAND AND SOUTHERN DIVISION.

#### BACCHUS MARSH.

The run-off from the catchment of Pyke's Creek Reservoir was sufficient to permit the storage of 14,863 acre feet, and to allow unrestricted irrigation in Bacchus Marsh, although drought conditions have prevented the complete filling of the reservoir since early in December, 1942.

Distribution of irrigation supplies was effected with the strictest economy under a new delivery schedule with the result that the season closed with a carry-over of some 7,300 acre feet, in the reservoir, sufficient to meet district commitments for the following season should unfavourable weather conditions continue in the catchment.

Four bores, of a total depth of 1,476 feet, were drilled in continuance of investigations into underground water without tapping any adequate supplies.

Although materials were in short supply, it was possible to carry out all urgent repairs to rural and urban reticulations, and 213 large and 262 small-type Dethridge meter wheels were constructed at the local depot for use in other districts.

#### WERRIBEE.

The season opened well, the whole district being irrigated during August and September with water flowing over the spillway at Melton Reservoir. Stored water was sufficient to meet the domestic and stock requirements of the Waterworks and Irrigation Districts, to meet all water rights, and to provide a sales quota of 25 per cent. of all allotted water rights, total deliveries amounting to 10,982 acre feet. Although these deliveries were more than adequate for market gardeners, dairymen could have used even greater quantities on their pastures, but rains in February and March carried the grasses through in good heart to the winter.

One road crossing and three occupation crossings were duplicated to provide better drainage facilities, and maintenance of structures and channels was carried out to the limit of available labour.

#### MAFFRA-SALE.

Rainfall of 22.94 inches was within an inch of average annual fall, but, during the spring and the latter part of the summer, there were heavy demands for irrigation supplies, and total deliveries for the season amounted to 27,758 acre feet, equivalent to 123 per cent. of the allotted water rights of 22,666 acre feet. The area watered was 24,741 acres, including 903 acres outside the district boundaries.

Maintenance of supply channels included topping of banks, beaching scours, and bag-lining concrete channels. Sixty chains at Tinamba were remodelled with a dragline excavator, and Chinese rakes were used to clear a mile of badly weed-infested channel at Myrtlebank. Old wooden-meter outlet doors are being replaced with steel doors, all meter wheels were tarred and flumes and other structures repaired as required.

Prior to the irrigation season No. 24 excavator was in use on the Main Northern channel and on its return to this work at the close of irrigation was joined by No. 52 excavator.

In the Drainage District 17 miles of drains were cleared of weeds by hand cutting, 15 miles were cleaned with chinese rakes and 16 miles with a dragline excavator.

Work on the Serpentine Drain Outfall structure consisting of a timber walled stilling pool with a floor of stone in wire mesh and a steel sheet piling cutoff wall is nearing completion.

In the Heyfield Urban Division 36 meters were installed, bringing the number of metered services to 87. Construction of the Main Southern Channel to serve Nambrook-Denison will necessitate a new means of supply for Heyfield and a scheme has been prepared for the installation of a pumping plant on the Thomson River.

Competitions for the best use and control of water on irrigated farms were held by local Agricultural Societies, prizes being donated by the Commission. Considerable interest was displayed and the standard of entries was high.

Material is coming to hand for new bailiff's house at Boisdale and land was purchased for staff surveyor's quarters in Maffra.

New areas were supplied by the installation of structures on the Heart channels and the District was extended to include small areas in Tinamba to be served by two supply channels now under construction.

Field work on contour surveys of some 17,000 acres and soil surveys of 18,000 acres of additional areas for which irrigation is proposed was completed and preparation of plans is in hand. A site for a proposed low level diversion weir on the Macalister River at Maffra was selected and a survey made of the Main Eastern channel which will supply the south-eastern portion of the District and its possible extensions.

#### WIMMERA MALLEE DIVISION.

The Wimmera-Mallee Domestic and Stock Water Supply System provides supplies of water annually to 12,000 farmers living in the drier areas of the State.

Seasonal conditions in 1946-47, were favourable both for farming and the distribution of water which was carried out satisfactorily over the whole area served by the system. The season brought about a good vegetative cover and as the number of sheep in the Mallee during the drought years was depleted, over-grazing was not apparent.

There are, however, some areas which have been entirely denuded of top soil and it is doubtful if these areas will ever recover.

The good seasonal conditions of 1946 prepared the way for an early commencement of the 1947 watering, and at the end of June this was well in hand and a very short and successful run of water was in sight.

#### WALPEUP WEST DISTRICT.

In this area the majority of farmers obtain their water supply by means of bores, which tap a sub-artesian basin of water of good quality.

Some farmers are still dependent upon a number of Government bores, at which wind-mills, tanks, and troughs are provided, while travelling stock also make use of these watering points.

The Commission has at present under consideration, a proposal for this district to be placed under the control of the Walpeup Shire Council, which body would then accept responsibility for maintenance and upkeep of the mills, troughs and bores in this area.

#### DOMESTIC AND STOCK SYSTEMS SUPPLIED FROM THE RIVER MURRAY.

The annual run for domestic and stock supplies to farmers in the Millewa District was carried out under difficulties which were caused by the aftermath of the drought and the need for replacement of the high lift pumping station at Yarrara which had been in service more than 20 years. This plant will be renewed as soon as delivery can be obtained of equipment already ordered.

The Carwarp domestic and stock watering was carried out in reasonable time.

The Coreena watering was also satisfactorily completed. This district has for many years received its supply by means of a pumping plant on the Murray River. At periods of low flow in that river, a second plant had to be operated to raise the water level to the level of the billabong usually utilized. The main pumping plant has now been moved to Robinvale from which location the water to Coreena District will be supplied through a connecting channel about 14 miles long, the construction of which commenced at the end of May, 1947. Water will then have to be relifted to the level of the Coreena System.

#### SWANWATER WEST DISTRICT.

The Swanwater West Area which is an extension of 60 square miles was added to the Wimmera United Waterworks Districts in 1944. The main channel is  $22\frac{1}{4}$  miles in length the construction of which has now been completed. A branch channel serving the western portion of the new area will be constructed during the coming year.

For the watering season of 1947, water will be supplied to landholders on a sales basis.

Lake Volcano storage, the construction of which was completed by the Borough of St. Arnaud Waterworks Trust, was filled in September, 1946, and water is now being pumped to the Borough of St. Arnaud.

#### WYCHITELLA DISTRICT.

The Wychitella Waterworks District, constituted in 1945, with an area of 220 square miles of good agricultural land situated between the townships of Charlton and Korong Vale, will obtain its domestic and stock supply from the Grampian storages and forms part of the vast Wimmera-Mallee Water Supply Scheme.

The main channel which serves the District and townships of Wedderburn and Korong Vale was completed during the year. The construction of this channel included the building of a 3 feet diameter pipe siphon, 112 chains in length, across the Avoca River Valley. Branch channels to serve the district north of the main channel are now under construction.

For the watering season of 1947, water will be supplied to landholders on a water sales basis.

The Korong Vale Urban storage of 63 million gallons capacity which will serve the townships of Wedderburn and Korong Vale will be completed in July, 1947, and will be filled with water during the 1947 watering season.

During the year a temporary Commission office was established in High-street, Charlton, and a house was purchased in Watson-street, Charlton, as a residence for the Engineer in charge of the works.

#### NYAH IRRIGATION DISTRICT.

During the year, the six regular irrigations were provided and in addition two special waterings were carried out, one being for domestic and stock supplies, during March, and the other for citrus and green manure crops at the end of May.

This District suffered severe damage by frost, which occurred as late as 26th October, 1946, when about 1,200 acres of fruit were destroyed.

As a result, the total yield for the district this year amounted to only 1,773 tons as compared with 2,392 tons in 1946, 2,158 tons in 1945, and 3,352 tons in 1944.

Total quantities of water pumped for the year amounted to 9,545 acre feet as compared with 8,350 acre feet in 1945-46, 10,531 acre feet in 1944-45, and 9,718 acre feet in 1943-44.

#### RED CLIFFS AND MERBEIN DISTRICTS.

Owing to dry conditions, irrigation in both districts commenced in August, 1946, and in addition a "frost" irrigation to reduce the liability of vines to frost damage was given at Red Cliffs from the 18th to 23rd September. A special citrus watering was also given in both districts from the 23rd to 27th June.

Water was made available for six irrigations in both districts, but because of early autumn rains the sixth irrigation was abandoned.

The production of dried fruit in these two districts amounted to 42,313 tons as compared with 48,897 tons produced in 1945-46.

Particulars of the five irrigations given during 1946-47 are :—

| Irrigation Number.              | Period.                                      | Acre Feet Pumped. | Average Depth per Watering. |
|---------------------------------|--|-------------------|-----------------------------|
|                                 |  |                   | Inches.                     |
| RED CLIFFS IRRIGATION DISTRICT. |  |                   |                             |
| 1                               | 19th August, 1946—17th September, 1946 .. .. | 7,691             | 8·3                         |
| 2                               | 21st October, 1946—21st November, 1946 .. .. | 7,913             | 8·4                         |
| 3                               | 4th December, 1946—30th December, 1946 .. .. | 7,509             | 7·8                         |
| 4                               | 5th January, 1947—7th February, 1947 .. ..   | 9,215             | 8·4                         |
| 5                               | 20th April, 1947—9th May, 1947 .. ..         | 4,064             | 8·5                         |
|                                 | Total, Season 1946-47 .. ..                  | 36,392            | 8·3<br>Average.             |

Figures do not include special frost irrigation 18th to 23rd September, 1946 =  $950\frac{1}{2}$  acres = 725·8 acre feet.  
Special citrus watering from 23rd to 27th June, 1947 =  $273\frac{3}{4}$  acres = 355·6 acre feet.

| Irrigation Number.           | Period.                                      | Acre Feet Pumped. | Average Depth per Watering. |
|------------------------------|--|-------------------|-----------------------------|
|                              |  |                   | Inches.                     |
| MERBEIN IRRIGATION DISTRICT. |  |                   |                             |
| 1                            | 26th August, 1946—19th September, 1946 .. .. | 5,886             | 8·7                         |
| 2                            | 28th October, 1946—21st November, 1946 .. .. | 5,816             | 8·8                         |
| 3                            | 9th December, 1946—31st December, 1946 .. .. | 5,603             | 8·4                         |
| 4                            | 13th January, 1947—7th February, 1947 .. ..  | 6,651             | 8·6                         |
| 5                            | 28th April, 1947—13th May, 1947 .. ..        | 3,478             | 8·4                         |
|                              | Total, Season 1946-47 .. ..                  | 27,434            | 8·6<br>Average.             |

Figures do not include special citrus watering from 23rd to 27th June, 1947 = 488·5 acres = 465·5 acre feet.

#### DRAINAGE.

##### RED CLIFFS AND MERBEIN.

Necessary maintenance has been carried out on the underground drainage systems in these districts, in addition to which minor extensions of  $35\frac{1}{2}$  chains of 4-inch earthenware pipe were carried out.

## NYAH.

The sub-surface drainage scheme was further advanced during the year when some 4m24c of Main and Lateral drain were constructed, making a completed total of 11m25c which practically completed System A.

Construction has now been commenced on the Vinifera Section where the surveys and design have been completed, but progress will depend entirely on the supply of pipes.

## URBAN SUPPLIES.

## WIMMERA AND MALLEE.

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

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

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

Essential maintenance was carried out in all urban districts and some renewals and extensions of mains were undertaken at Hopetoun, Jeparit, Piangil, and Red Cliffs.

Repairs to urban storages at Chillingollah and Ultima were also completed.

Difficulties have been experienced in securing pipes and fittings for replacement work which has now become a matter of considerable urgency in other districts.

## SAND DRIFT.

## WIMMERA-MALLEE.

Sand drift which entered the channels in the drought year of 1944-45 but which owing to the shortage of teams and time, had not been removed, was taken out during the year. This accounted for a good part of the cost of cleaning channels in 1946-47.

The Commission took advantage of the favourable season and the unusual amount of natural growth to protect its channels, and has taken the opportunity to plant with rye corn all areas likely to drift into channels. Two thousand two hundred and fifty acres representing about 200 miles of channel, were protected in this way. It is hoped that by this method and with the co-operation of the landholders a considerable reduction in the amount of drift entering the channel will be effected.

In addition to planting rye corn, by-laws preventing clearing and fallowing and the burning of stubble over a strip of land 3 chains in width adjacent to the channel were implemented. It is considered that this will have far reaching results not only in the protection of channels but will serve as an example of how general farming methods throughout the country may be altered to prevent drift.

It must be again emphasized that, unless full co-operation can be obtained from landholders in preventing sand drift from the farm entering the channels, many miles of Commission channels will have to be abandoned, when dry periods are again experienced.

Farmers in areas affected in this way will be forced to leave their holdings solely because of the careless farming methods of their neighbours or themselves.

The soil erosion brought about by the severe drought of 1944-45 caused considerable quantities of soil to drift into the Commission's water supply channels in the Wimmera-Mallee System. Some 12,000,000 cubic yards of soil were removed from the channels, and in all some 6,750 miles were run. Owing however to the impossibility of obtaining sufficient teams the Commission was unable to clean every channel, with the result that some 680

miles could not be run, and certain landholders, through no fault of their own, were unable to receive their usual water supply during 1945-46. In this case the Commission remitted water rates to the extent set out in the following statement—

|   |    |    |    |    |    |    | £     | £     |
|---|----|----|----|----|----|----|-------|-------|
| <i>Birchip Centre—</i>                      |    |    |    |    |    |    |       |       |
| Birchip                                     | .. | .. | .. | .. | .. | .. | 704   |       |
| Sea Lake                                    | .. | .. | .. | .. | .. | .. | 1,826 |       |
| Wycheproof                                  | .. | .. | .. | .. | .. | .. | 2,115 |       |
|   |    |    |    |    |    |    | <hr/> | 4,645 |
| <i>Hopetoun Centre—</i>                     |    |    |    |    |    |    |       |       |
| Karkarooc                                   | .. | .. | .. | .. | .. | .. | 20    |       |
|   |    |    |    |    |    |    | <hr/> | 20    |
| <i>Nyah West Centre—</i>                    |    |    |    |    |    |    |       |       |
| Long Lake                                   | .. | .. | .. | .. | .. | .. | 125   |       |
| Tyntynder                                   | .. | .. | .. | .. | .. | .. | 1,372 |       |
|   |    |    |    |    |    |    | <hr/> | 1,497 |
| <i>Ouyen Centre—</i>                        |    |    |    |    |    |    |       |       |
| Coreena                                     | .. | .. | .. | .. | .. | .. | 159   |       |
| Tyrrell                                     | .. | .. | .. | .. | .. | .. | 457   |       |
| Tyrrell West                                | .. | .. | .. | .. | .. | .. | 724   |       |
|   |    |    |    |    |    |    | <hr/> | 1,340 |
| <i>Werrimull Centre—</i>                    |    |    |    |    |    |    |       |       |
| Millewa                                     | .. | .. | .. | .. | .. | .. | 548   |       |
|   |    |    |    |    |    |    | <hr/> | 548   |
| <i>Murtoa Centre—</i>                       |    |    |    |    |    |    |       |       |
| Upper Wimmera United                        | .. | .. | .. | .. | .. | .. | 584   |       |
| Wimmera United                              | .. | .. | .. | .. | .. | .. | 147   |       |
|   |    |    |    |    |    |    | <hr/> | 731   |
| <i>Red Cliffs Centre—</i>                   |    |    |    |    |    |    |       |       |
| Yelta                                       | .. | .. | .. | .. | .. | .. | 82    |       |
|   |    |    |    |    |    |    | <hr/> | 82    |
| Total amount written off to 30th June, 1947 |    |    |    |    |    |    | ..    | 8,863 |

#### MAIN PUMPING STATIONS.

The Commission's Main Pumping Stations are situated on or near the River Murray and serve the Waterworks Districts of Millewa, Yelta, Carwarp, and Coreena; and the Irrigation Districts of Red Cliffs, Merbein, Nyah, and Tresco. In addition there are numerous other plants for pumping water for domestic and stock supplies to lands above the normal gravitation level in the central and western gravitation supply areas. Water supplies to a considerable number of townships also involve pumping.

Since November, 1946, work has been progressing on the removal of the Pumping Plant from Coreena Bend to Robinvale, to serve the first stage of the new Soldier Settlement Irrigation District there.

Plans are well advanced and tenders have been let for the pumping machinery and boilers to cover the second stage in the development of this area.

The replacement of aged boilers at Red Cliffs has been seriously retarded by industrial conditions, and the erection of two new boilers, for which tenders were let last year, has not been commenced.

Continued difficulty has been experienced in obtaining sufficient briquettes and black coal for a full season's watering provided by Red Cliffs Power Station. It appears that briquettes will not be supplied at all for the coming season; so that, even if black coal supplies can be maintained, the cost of pumping for Red Cliffs and Merbein will be increased by more than £10,000 for the coming year.

The question of the establishment of a central power generating station at Mildura to supply all the power needs of the north-west region, including the pumping stations of the State Rivers and Water Supply Commission and the First Mildura Irrigation Trust, has been the subject of a special investigation by the State Electricity Commission and of conferences between the various authorities concerned.

The investigation is proceeding.

#### INVESTIGATIONS AND DESIGNS BRANCH.

This Branch carried out investigations and designs of water conservation and distribution projects for the development of the water resources of the State, and for the extension of existing supply systems.

New investigations undertaken during the year were restricted mainly because of the increasing number of major projects under construction—for which detailed plans are a first priority—and also because of the loss of skilled staff. During the year, the Assistant Chief Designing Engineer, Mr. T. A. Lang, resigned in order to take up the important appointment of Irrigation Commissioner for Queensland.

The most important phases of the work undertaken during the year are as follows :—

#### EILDON RESERVOIR ENLARGEMENT.

The Goulburn Irrigation System is the largest in Victoria and covers an area of more than 1,270,000 acres of the northern plains with a low rainfall averaging about 18 inches per annum. The land is well suited to irrigation, and water is supplied from the Goulburn River which drains timbered country with a high rainfall on the northern slopes of the Dividing Range between Mt. William and Mt. Howitt.

Early in the history of the colony, consideration was given to the diversion of water from the Goulburn River for water supply purposes, but it was not until 1882 that decisive steps were taken towards this end. In that year the United Echuca-Waranga Waterworks Trust was formed for supply of water for domestic and stock use to settlers on 583,600 acres of plains between the Goulburn and Campaspe Rivers, surplus waters to be used for irrigation. The Trust constructed channels for the distribution of water and installed pumping plant until such time as the Goulburn Weir could be constructed and a gravitation supply become available.

Following completion of the Goulburn Weir in 1893 irrigation developed rapidly and additional storage became necessary. In 1902 construction of the Waranga Basin was commenced to store water diverted from the river at the Weir. It was completed to 201,300 acre feet capacity in 1905. The drought of 1912-16 stimulated the demand for water and led to the enlargement of Waranga Basin to 333,400 acre feet capacity during the years 1915-21 and, following the investigation of a number of reservoir sites on the Goulburn River, construction of the Eildon Reservoir was commenced in 1915. The dam is approximately 3,000 feet long and 140 feet high and the reservoir was first filled to its maximum capacity of 306,000 acre feet in 1927.

The area actually irrigated varies slightly from year to year in accordance with demand and availability of supply. The largest area yet irrigated was 360,369 acres in the season 1943-44, while in 1946-47 the acreage was 346,910. Pastures represent 65 per cent. of the total, cereals 14 per cent., lucerne 10 per cent., orchards, market gardens and vineyards total  $7\frac{1}{2}$  per cent., miscellaneous  $3\frac{1}{2}$  per cent. It has been apparent for many years that unless additional storages are constructed, no further lands can be irrigated from the System without seriously prejudicing existing development by increasing the frequency and severity of water restrictions in times of extreme drought. The threat was so serious that in 1938 the Commission decided to "freeze" water rights. If this had not been done the restrictions which have been unavoidable in the recent sequence of dry years would have been more severe.

The Goulburn is the largest river in Victoria as regards the quantity of water discharged, which at Murchison averaged 2,256,000 acre feet per annum for the period 1882 to 1947, and its flow is more constant than most of the large streams of this State. Experience to date has shown that with existing storages annual diversions average about 765,000 acre feet, or 34 per cent. of the average annual river flow.

Extensive hydrological studies have been made to determine the storage capacity required to provide for the maximum practicable utilization of the waters of the Goulburn River, and the maximum quantities of water which could be diverted on to the land. These investigations have shown that an increase in storage capacity to 2,350,000 acre feet on the Upper Goulburn would enable an average of approximately 1,530,000 acre feet per annum to be diverted at Murchison.

This represents 67 per cent. of the average flow and would enable present irrigation areas to be approximately doubled. A further 2 per cent. of the average discharge would be released at Goulburn Weir to maintain river flow downstream of Murchison, and evaporation from storage reservoirs would represent another 6 per cent., leaving 25 per cent. as unavoidable overflow, which would occur mostly in years of heavy flood.

The river basin has been examined, and many possible new dam sites surveyed, but these investigations have shown conclusively that the additional storage capacity required can be obtained at Eildon for a minimum cost. The cost of providing equivalent storage at the most favourable site upstream of Eildon would be nearly twice that of enlarging Eildon Reservoir.

The enlargement of the Eildon Dam would involve a very large dam unprecedented in Australia as regards size. The engineering and geological aspects of the dam site and its environs have been thoroughly examined, and these field investigations, together with preliminary designs, prepared for alternative types of structure, including both earthen and concrete construction, show that an earth and rock-fill embankment would be the least costly. This dam which is estimated to cost £9,600,000 would rank as one of the largest high-earthen dams in the world.

In 1946 the Commission's Chief Designing Engineer, Mr. R. G. Knight, and the Senior Designing Engineer for Dams, Mr. M. G. Speedie, visited the United States of America, Canada and Mexico to investigate high dam construction. Whilst in the United States they visited Denver and consulted with Dr. J. L. Savage, the world-famous American Engineer who has designed many of the world's largest dams and who had been retained by the Commission as a Consultant in connexion with the proposed enlargement of the Eildon Reservoir. Subsequently Dr. Savage came to Victoria and consultations with him were completed in September, 1946. He has since reported that the project is practicable and that the selected design provides the most satisfactory and economical type of structure.

The Commission recommended the proposals to the Minister of Water Supply, and the Government on the 1st April, 1947, referred the project to the Parliamentary Public Works Committee for enquiry and report in regard to—

- (a) The necessity of increasing the capacity of the Eildon Reservoir on the Goulburn River and the extent to which the capacity should be increased ;
- (b) The most practical and economical method of increasing the capacity of the Reservoir ; and
- (c) The most satisfactory method of carrying out the work.

The investigation is proceeding.

#### CAMPASPE RIVER.

##### EPPALOCK RESERVOIR.

Further preliminary designs and estimates of cost for large dams at the Eppalock site have been prepared and a report outlining the results of all investigations to date has been submitted to the Government. Further investigations of the relation between cost and benefit are proceeding.

#### HUNTLY-ELMORE DOMESTIC AND STOCK SUPPLY.

A report on this project has been completed and copies will be sent to all the landholders concerned for their consideration.

The lands which it is proposed to serve comprise 120,000 acres situated between the Campaspe River, Bendigo Creek, and the Waranga Western Main Channel—in the Goornong, Elmore, and Warragamba area. This proposal involves pumping from the river during winter or early spring when natural flow would be sufficient for requirements. Water would be run once per year to fill landholders dams and storages, which would need to be of sufficient capacity to hold supplies for twelve months as in the Wimmera-Mallee System.

## GOULBURN-WARANGA MAIN CHANNEL.

Boring and shafts have been sunk along the line of the proposed duplication channel and at locations of major structures to determine the nature of the materials which will have to be excavated and to provide data from which the channel slopes and structure foundations can be designed. Preliminary designs for the channel are in progress and a revised estimate of cost has been prepared to cover substantial increases in wages and cost of materials since 1945. This estimate has increased from £1,220,000 (1945), to £1,750,000 (1947), and additional evidence has been submitted in this respect to the Parliamentary Public Works Committee. The work has been approved and will be put in hand as soon as sufficient labour, plant, and material is available for a work of this magnitude.

## LODDON RIVER.

## TULLAROOP CREEK.

Preliminary designs and estimates of cost have been prepared for a dam on the Tullaroop Creek at Rodborough. Alternative capacities were considered and finally a dam to impound 60,000 acre feet was recommended. Evidence was submitted to the Parliamentary Public Works Committee on this project.

## RIVER MURRAY.

## HUME RESERVOIR.

Enlargement of the Hume Reservoir from its present capacity of 1,250,000 acre feet to 2,000,000 acre feet would involve flooding of part of the town of Tallangatta. Consideration has been given to moving the town or alternatively, protecting it by levee banks. In connection with the latter, shafts and bores have been sunk in the vicinity of the town to provide information regarding the foundation conditions along the line of the suggested levee and the nature of the materials available from which a levee could be constructed. Tentative designs and estimates were prepared and more detailed consideration is now in progress.

## TORRUMBARRY IRRIGATION SYSTEM.

A report covering investigations for the alteration of the existing main channel system has been prepared. The investigations included the Cohuna, Koondrook, Kerang, Third Lake, Mystic Park, Fish Point, and Swan Hill Irrigation and Water Supply Districts, with a total of 350,000 acres, and the Kerang North-West Lakes Waterworks District for domestic and stock supply.

The purpose of the proposed alteration is to remedy the present high wastage and loss of water, and to increase the efficiency of distribution.

Proposed works include the enlargement of 67 miles of existing channels, and the construction of 80 miles of new channels at an estimated cost of £1,000,000.

The estimated saving in transmission losses through this new channel system would enable water rights to be increased from 125,000 acre feet to 180,000 acre feet giving an estimated increase of £400,000 in National Income.

Investigations are now in progress to determine the feasibility of constructing a diversion weir and lock in the River Murray near the offtake of the Little Murray River from the main stream.

Such a weir would enable water supplied for Swan Hill, Fish Point, and Tresco Irrigation Districts, and for Pental Island to be diverted from the River Murray at this point, would obviate the necessity for the construction of a long main channel to serve Swan Hill District and still further reduce water losses.

## PIANGIL IRRIGATION SCHEME.

A report outlining investigations for an irrigation project at Piangil has been prepared. The location is adjacent to the River Murray and the area proposed to be served some 7,000 acres of which 4,500 acres could be irrigated. Investigations were based on a proposal to pump water direct from the river. The report indicates that such a project would cost approximately £100,000 or £22 per acre irrigated with an annual cost of £9,100, exclusive of interest and redemption, so that water would cost approximately 31s. 2d. per acre foot exclusive of interest and redemption.

## WERRIBEE RIVER.

### COBBLEDICK'S FORD.

A detail geological survey of the Lower Werribee River, including the Cobbledick's Ford Dam Site, is in progress and a revised estimate of cost, taking into account recent changes in wages and other construction charges, was prepared and submitted to the Parliamentary Public Works Committee. This estimate was £825,000 for a storage of 19,300 acre feet.

### MELTON RESERVOIR.

Investigations into the possibility of increasing the capacity of this storage and enlarging the spillway have been commenced.

## CAIRN CURRAN RESERVOIR.

The Cairn Curran Dam, which is now being constructed on the Loddon River at Baringhup, will be an earthen embankment with a maximum height of 104 feet, length 2,285 feet, containing 1,330,000 cubic yards of earth filling (including supplementary embankments), and will impound 120,000 acre feet of water.

Field investigations, including geological surveys, boring, shaft sinking, sampling, and testing of materials has been practically completed and the final designs and preparation of detail construction drawings is proceeding.

## CENTRAL GIPPSLAND IRRIGATION.

### NAMBROK-DENISON SOLDIER SETTLEMENT.

This comprises an area of 22,570 acres located south-east of Heyfield between the Thomson and Latrobe Rivers in a total district area of approximately 45,000 acres which will be served by the channels of the Central Gippsland Project.

A tentative subdivisional layout has been completed for 130 lots comprising 13,500 acres of which some 10,000 acres might be classified as commanded and suitable for irrigation. A provisional layout of approximately 55 miles of channels to serve 14,500 acres has also been completed.

A specification was prepared for the proposed new Main Southern Channel and the location has since been pegged on the ground. The preparation of final designs and drawings for this work is proceeding.

### MAFFRA-SALE IRRIGATION DISTRICT.

With a view to increase of capacity, the condition of the main Northern Channel and associated structures has been investigated.

Investigations are in progress regarding the possibilities of supplying the Sale area of the District (and extensions thereof) by the construction of a low diversion weir on the Macalister River and a new supply channel from the weir to the Nuntin area lying south and south-east of Stratford.

### GLENMAGGIE RESERVOIR.

Investigations undertaken with a view to increasing the capacity of the storage by means of spillway crest gates have been commenced.

## GLENELG RIVER.

### ROCKLANDS RESERVOIR.

The final designs for the Rocklands Dam now under construction together with the detailed construction drawings have been practically completed. Designs and drawings have been prepared for temporary structures required for the construction.

### ROCKLANDS AND TOOLONDO CHANNELS.

The final designs for these channels and the necessary drawings have been completed. The design of structures, including the Lake Toolondo offtake, is approaching completion.

### BURNT CREEK CHANNEL.

The design for a capacity of 350 cusecs is in progress.

## MURRAY VALLEY IRRIGATION.

### SOLDIER SETTLEMENT AREA.

A tentative subdivisional layout for this area, which comprises 60,000 acres, has been completed, together with final plans for 16,000 acres. Plans have been prepared for the construction of 54 miles of channels including 46 miles of remodelling existing channels, involving some 240,000 cubic yards of earthwork and 120 structures.

### REMAINDER OF THE DISTRICT.

Plans have been prepared for 65 miles of channels, involving 800,000 cubic yards of earthwork and 265 structures. Preliminary designs for a further 125 miles have been completed.

### ROBINVALE IRRIGATION PROJECT.

Following the adoption of proposals submitted to the Government in October, 1946, it was decided, as an immediate objective, to prepare some 3,000 acres of land near Robinvale for irrigation development under vines. The programme of works provided for a number of holdings to be planted and watered in 1947.

After the completion of the necessary topographical and soil survey plans as well as a large number of aerial photograph mosaics and other maps, a tentative subdivisional layout has been completed for 81 lots each containing about 20 acres of commanded and suitable land.

Twenty-nine of these lots will be available for immediate development, distribution of water to be effected by temporary earthen channels.

By arrangement with the Soldier Settlement Commission the internal layout of the blocks is being prepared by the Branch and tentative designs have been prepared for 76 holdings while a number of final designs await approval.

Water supplies for this settlement will be obtained by pumping from the River Murray and to this end the boiler, engine, and pump which served the nearby Coreena Waterworks District have been dismantled and are being re-erected at Robinvale. Designs have accordingly been prepared for the rising main and suction pipe and plans for a new channel to connect with the Coreena District are well advanced.

The design of a reticulation system to replace the temporary channels referred to has been completed, investigations are in progress regarding extensions of the area, and a number of plans has been prepared for the Housing Commission in connexion with development of the township.

## GENERAL.

### HYDRAULIC RESEARCH STATION.

Detailed information has been prepared setting out the requirements for this proposed research station and several possible sites have been examined, none of which would be entirely satisfactory. The Designing Engineer for Hydrology is attending the research conference of the Central Board for Irrigation, India, and following on his return with additional information it is hoped to make more rapid progress with the establishment of this station which is urgently required in order that model tests of spillways may be carried out to furnish data for final designs.

### NYAH SUBSURFACE DRAINAGE.

A tentative layout for the additional drains required has been prepared and the field investigations and final designs are well advanced.

### RED CLIFFS IRRIGATION DISTRICT.

Plans have been prepared for a possible small extension of this District comprising seven additional blocks and a total area of 178 acres of which 152 acres would be commanded and suitable for irrigation.

In order to obtain information to be used as a guide for future works an investigation has been undertaken relating to watering methods and layout of holdings in this District. An interim report setting out the considerations involved has been prepared.

## MALMSBURY RESERVOIR.

Designs were prepared for additional work and modifications to the outlet.

## DEAKIN IRRIGATION AND WATER SUPPLY DISTRICT.

Plans have been prepared showing the location of proposed new channels and existing channels to be remodelled, and a survey specification has been compiled.

## MEASUREMENT OF WATER.

Investigations have been undertaken into possible methods of measuring low irrigation flows and tests have been carried out on a locally made wobble plate meter.

A report on the history and uses of the Dethridge Meter is approaching completion.

Designs and drawings have been prepared for installations of Parshall Flumes in connection with the gauging of channel flow.

## SUMMARY.

Investigation and design work has been carried out on 28 important projects during the year. An additional 78 projects have been listed for investigation but these can be put in hand only as additional surveyors and engineers become available and as other projects in hand are completed.

## NEW WORKS.

## CAIRN CURRAN RESERVOIR.

Work was commenced in August, 1946, on the construction of the camp workshop and other facilities at Baringhup for the construction of the Cairn Curran Reservoir on the Loddon which will have a capacity of 120,000 acre feet.

Although progress has not been all that could be desired owing to difficulty in obtaining essential materials and equipment, the extensive works buildings are now almost complete and some progress has been made in the establishment of the camp.

Plant to the value of £50,000 has been acquired and includes some of the heavier types of earth moving plant.

Tentative proposals for deviation of railway and road in the vicinity of Newstead have been considered by the Railways Department and Country Roads Board.

## NAMBROK-DENISON IRRIGATION PROJECT.

*Central Gippsland.*

Preliminary works in connexion with the provision of accommodation for staff and workmen to be employed on the Nambrok-Denison Irrigation Project are in hand. Sufficient land for this purpose has been acquired adjacent to the township of Heyfield. Materials necessary for the buildings are being collected.

Plant and materials schedules for permanent construction requirements are being prepared and the necessary items obtained.

It is anticipated that preliminary works will be well advanced by December 1947, and that permanent construction will commence in 1948.

## MURRAY AND MAJOR WORKS DIVISION.

*Reservoirs.*

Necessary maintenance was carried out on the Hume Reservoir, the Eildon Reservoir, the Yarrawonga Weir, the Torrumbarry Weir and Loch, the Laanecoorie Reservoir, Pyke's Creek Reservoir, Melton Reservoir, Glenmaggie Reservoir and Malmsbury Reservoir. The completion of the contract for the provision of steel flood gates to increase the capacity of the Lauriston Reservoir from 12,000 to 16,000 acre feet, which was accepted in June, 1946, has been held up by industrial conditions. At Waranga Reservoir remodelling of the outside slope of the bank was carried out in preparation for the establishment of grasses to prevent scouring.

The Commission has under way a program for the further beautification of the environs of all major structures by planting pines, ornamental trees, shrubs and lawns. This work has made necessary the improvement of the water supply facilities at various

works. In some cases initial steps have already been taken to do this. In addition the procurement of power mowers are being obtained for use at Mildura, Torrumbarry, Yarrawonga, Hume, Goulburn Weir, and Coliban Storages.

#### MURRAY VALLEY CHANNEL CONSTRUCTION WORKS.

Channel construction work proceeded throughout the year, earthworks being carried out by day labour teams and contract, approximately 200 horses being employed, channel structures being built by day labour.

Channel earthworks consisted mainly of the enlargement of existing channels to provide for the increased water rights within the area being developed for soldier settlement.

The construction of the channel for supply to the township of Picola commenced in April and earthworks are now completed over most of the route and are proceeding in the vicinity of Picola itself it being estimated that these earthworks will be completed by August next; this work has not interfered with earthworks within the Soldier Settlement Area. Channel earthworks have been commenced within the Soldier Settlement Area and will continue as plans are received.

Work on structures has mainly been concentrated on Nos. 5 and 6 Main Channels and Spur Channel No. 9/6, the former being required for supply to portions of the Soldier Settlement Area being developed this year, the latter for the supply to Picola.

Although the number of men employed on structures has increased it has not been practicable to further increase this number owing to the limitation placed on the construction of various structures due to the necessity of re-design within the Soldier Settlement Area and to the very limited supply of cement, steel, timber and other materials.

A modern camp has been established near Nathalia for the accommodation of workmen who will be employed in the area surrounding this town.

In the whole Murray Valley Channel system the construction has been completed, to date, of approximately 370 miles of main and spur channel earthworks, involving the excavation of nearly 6,500,000 cubic yards of earth, mainly done by horse drawn scoops at contract and fixed piecework rates. Of this total length of channelling 225 miles are complete with structures and in operation, and a further 25 miles are nearing completion.

Expenditure on these works has been approximately £979,000 including £35,000 from Unemployment Relief Funds, and the quantities of cement and steel used in the various structures, all of which are of steel and reinforced concrete design are 7,880 tons and 1,420 tons respectively.

The average number of men employed during the year was 210.

#### ROBINVALE IRRIGATION PROJECT.

Construction commenced in January, 1947, on the new Robinvale Irrigation Project with a view to making water available during the next irrigation season in September, 1947.

Temporary camps were established while plant and materials were being got forward and now a more permanent camp has been practically completed adjacent to the pumping station.

Satisfactory progress has been made with the construction of the pumping unit including timber pile pier in River, rising main, dissipator and channelling for the supply to lands proposed to be watered next season.

A permanent approach roadway embankment above Flood Level has been completed and a levee bank surrounding the pumping unit has been completed as far as practicable at present.

Modern plant has been assembled on the works for earthworks and clearing operations, which are proceeding.

The works carried out this year, with the exception of pumping unit, rising mains and dissipator are all of a temporary nature, it being proposed ultimately to construct reinforced concrete channels and structures.

Six houses have been established for the temporary accommodation of staff and a building in the township is being leased for use as a works construction office.

The number of men employed has increased from 16 at the commencement of works to 111 at the end of the financial year, the average being 72 and the expenditure was £33,500 (including surveys, investigations and designs).

### CONSTRUCTION PLANT AND MACHINERY.

Plant engaged on plant and drainage works has continued to perform satisfactorily, despite difficulties experienced in maintenance due to shortage of skilled staff and in obtaining spare parts. The scarcity of the latter is causing a large percentage of tractors, bulldozers, &c., to be laid up awaiting repairs.

During the year, orders were placed for additional plant to the approximate value of £295,000 bringing the total value of construction and maintenance mechanical equipment to £366,000.

Progress in the construction of the Central Plant Depot at Bendigo has been delayed, owing to shortage of materials. Workshop machinery also is slow in coming forward; and it is anticipated that adequate facilities for servicing Commission's mechanical plant and transport will not be available until well into 1947-48.

### PURCHASE OF ARMY AND R.A.A.F. CAMP BUILDINGS.

During the year the Commission purchased a total of 196 Army and Air Force camp buildings, comprising sleeping huts, stores, workshops, theatres, hangars and utility buildings, together with various services, from the Commonwealth Disposals Commission for a total cost of £26,905.

These buildings are being used to provide accommodation, stores, workshops and offices on major works and in district centres and to provide urgently required building materials for construction of houses for staff in country centres.

### PUBLIC WORKS AND PLANNING.

Following a decision of the National Works Council to maintain a reservoir of public works to be drawn upon as required, the Commission forwarded to the Commonwealth, for inclusion therein, a list of loan and deferred maintenance projects embracing works in hand, works planned but not commenced, and works being or to be investigated.

A number of the projects submitted are tentative only and subject to detailed planning and approval and their inclusion in the reservoir does not necessarily mean that they have been or will be recommended by the Commission for construction. The Commission's recommendations in such cases will depend on the results of investigations not yet completed or commenced.

The submissions made are tentatively estimated to involve an expenditure exceeding £27,000,000.

### TOWN WATER SUPPLIES.

#### COLIBAN SYSTEM.

Except for 1942-43 the rainfall for this year, in the catchment area, has been nearer normal than it has been over the last eight years with the result that the main storages comprising the Upper Coliban, Lauriston, Malmesbury and Spring Gully Reservoirs, with a total capacity of 54,000 acre feet, filled by the end of August, 1946.

Full supplies were made available for all purposes and the requirements for water generally, throughout the district, were satisfactorily met.

During the year, the Commission has continued the policy of consolidating existing works, and minimizing seepage losses by lining with cement concrete the more important channels of the system.

The channels that are receiving attention are the Main Channel between 41½ miles and Crusoe Reservoir, Specimen Hill, Diamond Hill, Lockwood-Marong, Emu Valley, Specimen Gully, Gaol Hill, Ranters Gully and the Main Harcourt Channel where a section of 120 chains of leaky earth channel has been replaced by a 27-in. diameter reinforced concrete pipe laid across a valley 29 chains in length to the west of the channel.

In spite of the difficulty in obtaining sufficient regular supplies of materials for the work and, at the same time, in having to maintain the supply of water for irrigation the results achieved have been satisfactory.

A length of 8 miles 56 chains of channel which includes a number of chutes have been lined in reinforced concrete; timber culverts and worn out steel and earthenware pipe siphons have been replaced by new and in most instances large diameter pipes. The total length of channel lining in the system now completed is 19 miles 26 chains of main, and 38 miles 65 chains of subsidiary channels.

This work has been the means of giving continuous employment to an average number of 160 men.

Further improvements to the reticulations of Bendigo, Eaglehawk and Castlemaine were carried out this year. The more important of these was the replacement of 133 chains of old worn-out cast iron mains by new asbestos cement pipes of greater carrying capacity.

A considerable quantity of pipe-scraping to maintain supplies on the outskirts of the town was also undertaken.

The number of water meters installed during the year was 166. The total now in operation is 5,494 which represents nearly 46 per cent. of the total services in the district.

#### NEWSTEAD.

The two service basins at Newstead have a combined capacity of 35 acre feet and a more normal rainfall over the year provided a flow in the Jim Crow Creek sufficient to maintain supplies for the township without having to impose restriction on the use of the water.

Additional storage for this system is under consideration.

#### MORNINGTON PENINSULA DISTRICT.

The demand for new services during the year from the existing reticulation systems throughout the Peninsula has been extremely high. The enforced lag in construction during the war years, and consequent overloading of these systems as a result thereof is becoming increasingly apparent, particularly during the mid-summer months.

The laying of 107 chains of new 21-in. diameter main from Frankston Reservoir to the town of Frankston, has afforded some improvement in the Frankston-Chelsea section, but generally, the continued shortages of material and labour are preventing manufacturers from fulfilling their contracts with the Commission for the supply of enlargement mains at Dandenong, Springvale, Chelsea and Berwick.

In addition, only very small consignments of reticulation pipes are being received in response to very large orders that have been outstanding for long periods.

The new bulk venturi meter, with electrical by-pass control for wide range recording, installed during year 1945-46, has already yielded valuable data concerning consumption from the Frankston Reservoir.

The replacement and re-routing of a deteriorated and troublesome portion of the Naval Base Pipe Line, 12 inches in diameter, with a new 15-in. diameter main, 118 chains long has just been completed and is now under test.

A new supply main 6 inches diameter and 112 chains long, of larger capacity than the original, has been laid from the above-mentioned Naval Base Line to the Hastings Township Storage. This was necessary to replace an existing main, composed of 6-in. and 4-in. diameter pipes which, through corrosion, had lost much of its efficiency and through increased demand was too small to provide a satisfactory service.

For the replacement of the unlined portion at the Dandenong end of the Berwick-Dandenong Channel, a contract for the supply of 138 chains of 24-in. diameter pipe has been let. These pipes are now being delivered along the new route and the contract, which includes the laying of the pipes, should be completed before the coming summer.

Further raising of the concrete lining of the Toomuc-Beaconsfield portion of the Bunyip Main Race in order to increase its capacity, as was scheduled for this year, was not possible owing to cement shortage. The present capacity of 10 cusecs is to be increased to 30 cusecs to enable additional supply to be passed through this portion when such becomes available.

In accordance with the Commission's policy that all water supply services should be metered where water is used for other than domestic consumption, the installation of meters throughout the district is proceeding as quickly as meters are received.

In connexion with the afforestation of the Lysterfield Catchment Area which is now in course of resumption by the Commission, a site has been selected for the establishment of a nursery at the south-eastern corner of the reserve below the dam. This site has been surveyed and the various buildings and fence positions located in readiness for such

structures when suitable buildings or materials and labour become available. The aim of the Commission is to propagate eucalypt seedlings at the nursery for planting up some 3,000 acres according to a planned programme as soon as the nursery can be established and equipped.

#### BELLARINE PENINSULA DISTRICT.

The replacement of the old 9-in. diameter concrete lined spiral steel pipe, 287 chains long, from the Bellarine Basin to the Queenscliff Service Basin with a 12-in. diameter reinforced concrete pipe has now been satisfactorily completed.

At Birregurra in connexion with the provision of the town water supply, the inlet channel to the storage reservoir from the Wurdee Boluc Main Channel has been completed and this storage reservoir excavated, but before this storage can be filled the whole of the protective stone beaching, which is now being placed on the embankment must be in position, and the outlet fittings installed. That portion of the 6-in. diameter delivery main which has been received has been laid. The ability to bring this scheme into any degree of operation within reasonable time is also dependent upon the receipt of the outlet fittings and the balance of the delivery main. Full service cannot be given until the whole of the reticulation pipes and castings are to hand.

Tenders have been accepted for the replacement of the old Bellarine pipeline from the Wauru Ponds Basin to the Barwon River crossing near Marshall. The existing mains are 24 inches and 16 inches diameter, but the replacement mains are to be 30 inches and 18 inches diameter, in order to provide for the extra Geelong demand and the increasing needs of the District.

The supply channel to the Wauru Ponds Basin, except for some 20 chains of concrete lining which remains to be completed, has been increased in capacity from 7 c.f.s. to 14 c.f.s. by the replacement of a number of 24-in. diameter culverts with 5 feet by 4 feet concrete box culverts.

The increased channel capacity will be drawn upon to satisfy the greater demand which will be made as soon as the new 30-in. and 18-in. mains are laid. The larger Geelong mains have already been installed in readiness for the increased supply to be made available.

In order to reduce maintenance and increase efficiency, portions of the bed of the Wurdee Boluc Inlet Channel from 35M to 35M 31C at its off-take from the East Barwon River near Yaughar have been concrete lined.

A total of 970,542,000 gallons (3,560 acre feet) was supplied to Geelong in bulk during the period 1st July, 1946, to 30th June, 1947.

#### OTWAY WATERWORKS DISTRICT.

As part of the scheme to make increased quantities of water available to the City of Warrnambool during periods of intense demands during the summer, and to assure a supply in case of prolonged stoppage in the Commission's supply main from Tank Hill, a low level auxiliary basin of 10,000,000 gallons capacity has been excavated, adjacent to the supply main, about one mile from the Warrnambool Service Basin.

The intense summer demand, and emergency supplies would be met by means of a booster pump from the delivery main or auxiliary basin. This auxiliary basin, however, cannot be brought into use until the necessary beaching and appurtenant works, including the pumping plant have been completed.

To be able to record the higher rates of flow the former helix meter has been replaced by a venturi meter of greater capacity and in order to keep the flow at a maximum rate and maintain the utmost volume in the Service Basin at all times, automatic control valves are being installed by the Warrnambool Waterworks Trust.

The quantity supplied in bulk to the City of Warrnambool for the year was 264,382,000 gallons.

#### WATERWORKS TRUSTS AND LOCAL GOVERNING BODIES.

The number of local authorities which supply water for domestic and industrial purposes in country towns, under the general supervision of the Commission, has now been increased to 138 by the constitution of five new authorities during the past year. These local authorities now comprise 121 waterworks trusts and 17 local governing bodies.

The Towns for which waterworks trusts were constituted to construct and manage new reticulated water supplies are as follows :—

|                                    |    |    |                                       |
|------------------------------------|----|----|---------------------------------------|
| Edenhope and Goroke                | .. | .. | Shire of Kowree Waterworks Trust      |
| Glen Thompson and Penshurst        | .. | .. | Shire of Mount Rouse Waterworks Trust |
| Bass, Cowes, Newhaven and San Remo |    |    | Westernport Waterworks Trust.         |

In addition, the Murrayville Waterworks Trust was constituted to take over the Murrayville town supply formerly managed by the Walpeup Shire Council under the provisions of the Local Government Acts. The Walpeup Shire Council was constituted a Local Governing Body to construct and manage a new supply to the township of Cowangie.

Expenditure of loan funds by local water authorities for the past 12 months was the highest for many years, totalling £257,079. However, the additional works which have been approved but not yet constructed are estimated to cost approximately £2,200,000. The importance of the extensive current works programme may best be appreciated by comparing the above figures with the whole previous expenditure of £3,214,588 in the past 90 years by local authorities on water supply works for country towns in this State.

The Ballarat Water Commissioners made progress during the year in the initial stages of construction of the White Swan Reservoir Project which is designed to add 3,000 million gallons to the total capacity of the city's water storages thereby more than doubling the supply now available in dry years.

The Bet Bet Shire Council has laid pipelines, constructed service basins, and is now erecting a pumping station on the Loddon River to provide an assured water supply for Dunolly and Tarnagulla.

The Geelong Waterworks and Sewerage Trust completed the installation of a new 24-inch main and subsidiary mains to enable substantially increased quantities to be drawn from the Commission's Bellarine Peninsula System which is now required to supply more water to this city than the Trust obtains from its own Moorabool scheme.

The Kilmore Waterworks Trust completed the construction of a large reservoir and pipelines to utilize the stream flow from a greater catchment area, and is at present reconstructing and enlarging its main pipeline so that the now assured supply from the headworks may be delivered to the town at an adequate rate.

The Moe Waterworks Trust has commenced the installation of reticulation additions and a new 12-in. pipeline to tap the main Narracan Creek to provide adequate supplies for the extensive housing project now under construction.

The Morwell Waterworks Trust constructed a concrete-lined storage basin and is installing new mains to enable the rapidly increasing demand to be met.

The Murchison Waterworks Trust commenced the construction of a new pumping station to enable new pumping plant of increased capacity to be satisfactorily housed.

The Riddell's Creek Waterworks Trust constructed a storage basin near the headworks as the first of a number of improvements designed to overcome recurring shortages of water and poor pressures.

The construction of storages, pumping plant and rising main by the St. Arnaud Borough Waterworks Trust to obtain a supplementary supply from the Commission's Charlton Channel was completed.

At Wangaratta the Commission installed a new bore and pumping plant for use by the Wangaratta Waterworks Trust, thus doubling the supply obtainable from underground sources, and the Trust has commenced the reconstruction of its water treatment plant and the installation of larger pumping units and mains to meet greatly increased demands resulting from the establishment of the silk mills and expansion of the town.

The Warragul Waterworks Trust continued the work of enlargement of its main pipeline and the installation of reticulation mains necessitated by new industrial and housing development.

Works to increase existing storage capacity were commenced by the Waterworks Trusts at Avoca, Drouin and Lismore and by the Creswick Shire Council, while pipe extensions and other works were carried out at Ararat, Benalla, Echuca, Heathcote, Kaniva, Kerang, Kyabram, Maffra, Maryborough, Mooroopna, Rutherglen, Shepparton, Traralgon, Warrnambool and Wodonga.

Towns in which the construction of approved major improvements or new works has been delayed due mainly to shortages of labour and materials include Ballan, Bruthen, Colac, Euroa, Glenrowan, Hamilton, Inglewood, Korong Vale, Mansfield, Mildura, Mirboo North, Nagambie, Stawell, Talbot, Tatura, Tooborac, Tongala Violet Town, Wedderburn, Willaura and Yea.

The installation of new reticulated supplies was approved for the townships of Dennington, Inverloch, Linton, Noojee, Picola and Springhurst.

### SEWERAGE AUTHORITIES.

Sewerage authorities have been constituted in 43 country centres and in 28 of these centres sewerage systems are in operation.

The suspension of normal sewerage construction which became necessary under wartime conditions still applies generally as many of the materials used in sewerage systems and house connexions are now urgently required for housing projects. At Yarrawonga the connexion of houses to the sewers has been commenced and the sewerage system is in partial operation.

At Kyabram, Mornington and Portland, where the main systems are also in partial operation, and at Leongatha, Maffra and Traralgon where the main works are partially completed, but not operating, it has not yet been found practicable to recommence construction. Work has not been commenced at Beechworth, Euroa, Lorne, Sale, Werribee, Wodonga and Yarram, where plans have been prepared.

Detailed survey work was completed at Charlton and Maryborough and the design of sewers is now proceeding in each case.

During the year the Mooroopna Sewerage Authority, the Queenscliffe Sewerage Authority and the Tatura Sewerage Authority were constituted, and these Authorities are now carrying out the detailed surveys of their respective Sewerage Districts.

Proposed sewerage schemes for Camperdown, Moe, Terang and Yea were approved, while many other towns are preparing to take advantage of the liberal system of Government financial assistance now available and have forwarded the necessary preliminary reports for examination.

### PRIVATE WATER USERS.

#### DIVERSION OF WATER.

The use of water in rivers, creeks, streams and watercourses, lakes, lagoons, swamps and marshes, has been strictly controlled by the Commission.

During the earlier summer months seasonal conditions were favourable and with most streams flowing strongly there was a good demand by landholders outside irrigation districts for authority to divert water from the natural sources of supply. On several streams, where the demand for irrigation again exceeded the volume of water available the Commission agreed to the constitution of four additional local Advisory Committees, making a total of thirteen in all. These Committees were of considerable assistance to the Commission and the landholders.

For the year under review the total area watered from these streams amounted to 7,718 acres which were covered by 533 permits approved by the Commission following recommendations of the Advisory Committees. Of these permits nineteen were of a special type where authority was granted to take water for a stated limited period from surplus flows which occurred in some of the streams during early spring months.

Licences and Permits in force at 30th June, 1947, comprised 303 Diversion Licences issued for periods up to fifteen years and authorizing the irrigation of 17,154 acres, and 2,103 annual, and special permits, for the irrigation of 26,428 acres. This made a total of

2,406 licences and permits issued under Section 188 of the Water Acts compared with 2,302 for the previous year. Details of the licences and permits in operation during the year are set out below :—

*Season 1946-47.*

| —   | Industrial. | Vineyards.    |                   | Orchards. | Market Gardens. | Tobacco. | Miscellaneous. | Total. |
|---|-------------|---------------|-------------------|-----------|-----------------|----------|----------------|--------|
|   |             | Dried Fruits. | Table and Spirit. |           |                 |          |                |        |
| Licences—   |             |               |                   |           |                 |          |                |        |
| Number in force .. ..                               | 4           | 10            | 11                | ..        | 278             | ..       | ..             | 303    |
| Area authorized to be irrigated (acres) .. ..       | ..          | 229           | 1,231             | 1,871     | 118             | 52       | 13,653         | 17,154 |
| Permits—  |             |               |                   |           |                 |          |                |        |
| Number in force .. ..                               | 132         | 22            | 11                | 12        | 194             | 27       | 1,705          | 2,103  |
| Area authorized to be irrigated (acres) .. ..       | ..          | 531           | 239               | 375       | 1,682           | 216      | 23,385         | 26,428 |
| Total area authorized to be irrigated (acres) .. .. | ..          | 760           | 1,470             | 2,246     | 1,800           | 268      | 37,038         | 43,582 |

During the year 21 licences were granted by the Governor in Council for periods of fifteen years. No licences are in force for diversion for irrigation purposes other than from the River Murray System.

## DRAINAGE AND FLOOD PROTECTION WORKS.

### KOO-WEE-RUP AND CARDINIA DISTRICTS.

In the Koo-wee-rup District the eastern embankment of the Yallock Outfall has been reformed and regraded for a distance of  $3\frac{1}{4}$  miles from Westernport Bay.

The Southern Boundary Drain and the Catch Drain on the south-east side of the Koo-wee-rup Main Canal have been remodelled and regraded in their lower reaches for distances of two miles and one mile respectively.

Maintenance work in the two districts has comprised extensive repairs and renewals to 27 timber bridges, the removal of growth and obstructions from drains totalling 75 miles in length and the treatment of noxious weeds and vermin along some six miles of main drainage reserves.

Arrangements are in hand to proceed with the construction of the large Yallock Floodways between Bayles and Cora Lynn, early in the coming year. Earth removing plant consisting of caterpillar tractors, carryall scoops, dozers and other equipment has been made available for this work.

Considerable difficulty is being experienced in obtaining deliveries of steel work and sawn timber required for the necessary bridges in connexion with the Yallock works.

Privately owned suction plants, operating under an arrangement with this Commission, have removed 27,000 tons of coarse, clean sand from the Koo-wee-rup Main Canal, during the year. The total output of sand from this source has been approximately 604,000 tons over the period 1925 to 1947.

### CARRUM DISTRICT.

In the Carrum District more regular attention has been given to cleaning out many miles of drains and supply channels, to repairing structures and to cutting furze on the Main Outfall of the Dandenong and Eumemmerring Creeks.

The Seaford Swamp Drain has been remodelled and regraded for 70 chains from the Kananook Creek and additional protective work has been carried out along the north side of the Patterson River at Carrum where wave action was causing serious erosion of the embankment.

## MURRAY LEVEES.

During the year two applications for permission to erect levees on streams adjacent to the river Murray for protection of lands from flooding have been dealt with by the Interstate Committee appointed for the purpose.

## RIVER IMPROVEMENT, CONTROL AND GAUGINGS.

## RIVERS AND STREAMS FUND.

During the year, there was a marked increase in the number of applications for assistance from the Rivers and Streams Fund toward the cost of river improvement work. This increase would undoubtedly have been higher still but for the difficulty of obtaining labour and materials in country areas, and for the fact that frequent changes in the engineering staff of municipal Councils has caused delay. The most notable grants were £2,000 to Bright Shire Council towards the cost of snagging portion of the Ovens River, and £1,000 each to Warrnambool Shire Council towards further snagging of the Merri River, and to Minhamite Shire Council towards the improvement of the Eumeralla.

Sixty grants amounting to £12,595 were allotted from the Fund, to municipalities and other authorities during the year, bringing the total number of grants at 30th June, 1947, to 806 and the amount allotted to £121,353. The revenue received into the fund during the year amounted to £10,712. The credit balance available for allocation at 30th June, 1947, was £46,729.

## CONTROL OF CATCHMENTS.

*Kiewa River Catchment.*

The Bogong High Plains Advisory Committee held its second meeting at Bogong on 20th March, 1947, and summarized the condition of the Plains as follows :—The winter of 1946 was the heaviest snow season for at least twenty years. The number of cattle on the plains, which had previously been very substantially reduced by the Committee, had not damaged the vegetation.

The leasehold boundaries are to be altered in this area to conform more to the topography and to exclude all steep timbered country not normally grazed at any time.

The Cattlemen's Committee at their meeting on 18th June, 1947, was in general agreement with the decisions made by the Advisory Committee at the earlier meeting.

*Werribee River.*

To obtain basic data for future investigations as to means for alleviating the silting of Melton Reservoir, a preliminary investigation is being made of the catchment of the Werribee River above this storage.

*Teddington Catchment.*

Further development work has been suspended, but the automatic recorders are in operation to record flows in the streams as they occur. The preliminary report on this investigation is at present being printed.

## RIVER GAUGINGS.

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

The total flow of the major streams for the year 1946–47 was equal to average. It was a little above average in the north-east and Gippsland where there was a high run-off in July and August, 1946, followed by a well sustained flow for the rest of the year. In other parts of the State the run-off was on the whole a little below normal, starting with fairly high flows in July, 1946, followed by a general decrease during the year until June, 1947, when there was some recovery. The volumes of water held in the Commission's storages at the end of June, 1947, aggregated about two thirds of full capacity.

The following table shows the discharge of some of the principal streams during the year 1946-47, also the average annual discharge and the percentage departure from the average :—

| Stream.  | Discharge for<br>Year 1946-47. | Average Annual Discharge<br>since the Year Indicated. | Percentage Departure<br>from the Average for<br>the Year 1946-47. |
|--|--------------------------------|---|---|
|  | Acre Feet.                     | Acre Feet.  |   |
| River Murray at Jingellic .. .. .                  | 2,207,000                      | 1,833,000 (1891)                                      | + 20  |
| Mitta River at Tallandoon .. .. .                  | 1,193,320                      | 1,097,000 (1887)                                      | + 9   |
| Ovens River at Wangaratta .. .. .                  | 1,209,350                      | 1,146,000 (1887)                                      | + 5   |
| Broken River at Goorambat .. .. .                  | 92,580                         | 201,800 (1887)  | - 54  |
| Goulburn River at Eildon Weir .. .. .              | 1,342,830                      | 1,374,000 (1901)                                      | - 2   |
| Goulburn River at Murchison .. .. .                | 1,805,120                      | 2,256,000 (1882)                                      | - 20  |
| Coliban River at Malmsbury .. .. .                 | 42,390                         | 51,000 (1890)   | - 18  |
| Loddon River at Laanecoorie .. .. .                | 82,360                         | 166,000 (1891)  | - 50  |
| Little Wimmera River at Lake Lonsdale Reservoir .. | 77,520                         | 71,299 (1904)   | + 9   |
| Lerderberg River at Darley .. .. .                 | 17,420                         | 28,500 (1908)   | - 39  |
| Thomson River at Cowwarr .. .. .                   | 317,080                        | 323,100 (1901)  | - 2   |
| Macalister River at Glenmaggie .. .. .             | 448,410                        | 422,200 (1920)  | + 6   |
| Bunyip River at Bunyip .. .. .                     | 85,780                         | 120,700 (1908)  | + 29  |

Seventeen new gauging stations were established as set out in the following table :—

|                                    |                                  |
|------------------------------------|----------------------------------|
| Albert River at Stacey's Bridge    | Loddon River at Newstead         |
| Bass River at Glen Forbes          | Merrimans Creek at Gormandale    |
| Brodribb River at Sardine Creek    | Tambo River at Swift's Creek     |
| Cann River at Weeragua             | Tarwin River at Meeniyan         |
| Dargo River at Dargo               | Toolern Creek at Melton          |
| Delatite River at Tonga Bridge     | Werribee River at Diversion Weir |
| Franklin River at Henwood's Bridge | Wimmera River at Glenorchy Weir  |
| Goulburn River at Jamieson         | Yarra River at Yering.           |
| Howqua River at Glen Esk           |                                  |

Five automatic water level recorders were installed during the year bringing the total now in operation to 36, while 392 stream gauging measurements were made.

The number of stations in operation at 30th June, 1947, was 120.

#### FARM WATER SUPPLIES BRANCH.

The scope of the *Farm Water Supplies Advances Act* 1944 No. 5020 which was originally designed to give farmers an opportunity of establishing or improving existing domestic and stock water supplies on their farms, has been extended by the amending Act, No. 5174, which provided for advances for irrigation and drainage systems on individual holdings.

During the year 60 applications for advances have been dealt with and advice and information given in more than 100 other cases, involving 150 individual inspections covering practically all parts of the State.

The applications dealt with and the advice and information given included such matters as boring for underground water, construction of catchment or gully dams, excavation of earthen tanks, diversions from streams and channels and the installation of windmills and power pumping plants in addition to irrigation proposals which included design of layout and pumping provision.

Three individual proposals involving irrigation which were the subject of applications for loans from the Soldier Settlement Commission were examined and recommendations made.

The handbook "Farm Water Supplies for Domestic and Stock Purposes" mentioned in the last Annual Report as being in course of preparation, has been printed and widely distributed.

This handbook which deals with most aspects of the supply, storage and distribution of water for farm purposes, has been in demand not only by the landholders, but by

Commonwealth Departments and Authorities in other states. A noteworthy request was for 2,000 copies on behalf of the Rural Section of the Commonwealth Reconstruction Training Scheme for sufficient copies for presentation to each ex-serviceman undergoing the course of training.

UNDERGROUND WATER RESOURCES.

The survey of the underground water resources of Victoria is proceeding, and the first progress report is now in the hands of the Government Printer.

The contact previously established with the South Australian Department of Mines has resulted in the mutual exchange of records and ideas regarding that section of the Murray Artesian Basin which passes from Victoria into South Australia. During March a joint inspection of the Basin in Victoria was made with the Assistant Government Geologist of South Australia, who is investigating the underground water resources of that State.

Detailed investigations have been continued in the Bacchus Marsh District, where four new deep exploratory bores were put down for the Commission. These bores disclosed that the greatest thickness of water-bearing sands and gravels in this area occur in the south-eastern corner of the flats, but results have been disappointing.

Another exploratory bore is being put down in the Millewa District. This, although over 850 feet in depth, has failed to strike any water of usable quality.

A 6-in. diameter bore, which is to be equipped with a windmill and storage and used for experimental irrigation, has been put down for the Consolidated School at Murrayville.

In association with the Waterworks Trusts concerned investigations were carried out in connexion with the town water supplies at Goroke, Port Fairy, Phillip Island, Wangaratta, Chiltern and Bright.

Numerous enquiries were received regarding the incidence and quality of underground water in various parts of Victoria.

ENGINEERING RESEARCH BRANCH.

The main activity of this Branch during the year has been the testing of soil samples in regard to the properties which affect the usefulness and reliability of soil in engineering construction.

This, and other phases of the works of the Branch, in particular water analysis, have been hampered by staff depletion.

Efforts to fill vacancies with men of suitable training and experience have generally proved unsuccessful.

The shortage of Portland Cement due to the very restricted supplies of black coal available in Victoria has proved a limiting factor in the quantity of cement concrete and asbestos cement pipes acquired by the Commission for its works tested in this Branch.

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

- 1. Routine Laboratory Tests for Commission and Other Authorities.
- 2. (a) Outdoor Testing of Materials.  
(b) Inspection of Materials supplied by Contractors.
- 3. Water Purification and Analysis.
- 4. Soil Mechanics.

1. ROUTINE LABORATORY TESTS FOR COMMISSION AND OTHER AUTHORITIES.

|                       |    |    |    |    |    |    | Portland Cement. | Concrete Specimens. |
|-----------------------|----|----|----|----|----|----|------------------|---------------------|
|                       |    |    |    |    |    |    | tons.            |                     |
| For the Commission    | .. | .. | .. | .. | .. | .. | 3,758            | 33                  |
| For other authorities | .. | .. | .. | .. | .. | .. | ..               | 730                 |

2. (a) OUTDOOR TESTING OF MATERIALS.

| Material.                     | Length in Feet. |
|-------------------------------|-----------------|
| Cement concrete pipes .. .. . | 36,600          |
| Asbestos cement pipes .. .. . | 53,080          |

These pipes were of various diameters and pressure heads.

In addition a considerable number of other items were tested comprising water meters, sluice valves, cast iron pipes, &c.

2. (b) INSPECTION OF MATERIALS SUPPLIED BY CONTRACTORS.

This category comprises items of such a nature that competent inspection can determine the quality of the material of its fabrication.

Among such were prefabricated building panels (5,700) steel formwork for concrete culverts, timber, Gibault joints, valve and fire-plug covers, tapping saddles, castings, and the like.

3. WATER PURIFICATION AND ANALYSIS.

A total number of 546 water samples were examined representing rivers, reservoirs, urban supplies, and bores, about one quarter of the samples being from underground sources.

To facilitate the measurement of turbidity an absorption meter incorporating a photoelectric cell was designed and constructed.

4. SOIL MECHANICS.

Work was in the main concentrated on samples from Eildon Reservoir and Cairn Curran. The total number of samples received was 615.

On a number of occasions visitors having an interest in Soil Mechanics were afforded the opportunity of inspecting the Soils Laboratory, every State in the Commonwealth being represented in this way, at one time or another.

LAND VALUATIONS.

VALUATIONS FOR RATING.

New valuations for rating in the Rodney Irrigation and Water Supply District and the Western Wimmera Waterworks District are proceeding.

One hundred and nineteen supplementary valuations were made comprising 567 assessments, a total Net Annual Value of £40,314 and an area of 101,093 acres.

VALUATIONS FOR LAND COMPENSATION.

Thirty-two claims for compensation for land required for works have been settled. The total amount claimed was £17,095 and settlements were effected for £11,069. During the past year two additional valuers were appointed.

LIBRARY.

As noted in the last Report, the Library is now established as a separate unit at Head Office, and it is expected that the fittings will shortly be completed, when it will be able to give a more efficient service. The Library's staff has been increased to four.

The Library has been extensively used by the Commission's staff, and numerous loans have also been made to, and inquiries answered from, the libraries and staff of other bodies.

The Library Bulletin is now published separately, instead of as a part of the staff journal; this year it noted 863 articles of special interest to the Commission, as well as 750 accessions to the Library. The distribution list for the Bulletin now comprises 180 persons and bodies. Australian and overseas periodicals taken number 138, besides various series of bulletins.

A large number of inquiries has been received from students and the public in general for the Commission's publications, which are housed in the Library, and over 18,000 of these have been distributed.

A display wall has been erected in the Library, and maps and photographs illustrating the work of the Commission are to be shown.

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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.

The provisions of section 62 of the *Water Act* 1928, as amended by the *Water Act* 1944, whereby lands in certain Rural Districts which could not be supplied with water were exempted from rating, were applied to all Irrigation and Water Supply Districts and Waterworks Districts.

In accordance with the before mentioned section of the *Water Act* 1928, lands in Irrigation and Water Supply Districts, Waterworks Districts, and Flood Protection and Drainage Districts were arranged in not more than four divisions, regard being given in such arrangement to the relative extent of the benefits derived by such lands from the constructed service works. The rates made and levied were in accord with the graduated scale for lands rated in divisions.

A minimum and tapering rate in the urban portion of the Coliban System and a rate on the unimproved capital value of lands within the Carrum Drainage District, with a fixed minimum amount of rate in the latter District as provided by section 5 of the *Water Act* 1928 were made as in previous years.

The Commission fixed minimum annual rates on lands arranged in the first division in twenty Waterworks Districts.

In twenty-six Irrigation and Water Supply Districts the Commission made and levied compulsory irrigation charges and in three Flood Protection Districts charges were 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, 1947. | Compulsory Irrigation Charge per Acre Foot of Water Right, Season 1946-47. | Number of Assessments. | Estimated Number of Persons Dwelling in District, excluding Defence Establishments. |       |        |
|---|----------------------------|--|---|--------------------------------------|--|--|------------------------|---|-------|--------|
| IRRIGATION AND WATER SUPPLY DISTRICTS.  |                            |  |   |                                      |  |  |                        |   |       |        |
| Supplied from Goulburn System.  |                            |  |   | Valuation by Commission.             | Divisions.   |  |                        |   |       |        |
|   |                            |  |   |                                      | 1st.   | 2nd.   | 3rd.                   |   |       |        |
|   |                            |  |   |                                      |  |  |                        |   |       |        |
|   |                            |  |   |                                      | s. d.  | s. d.  | s. d.                  |   |       |        |
| 1. BOORT .. ..  | 80,061                     | 56,722                                 | 11,339  | 18,442                               | 1 0  | 0 6  | ..                     | 7 0   | 279   | 417    |
| 2. CALIVIL .. ..  | 61,140                     | 34,527                                 | 6,505   | 16,478                               | 1 0  | ..   | ..                     | 7 0   | 192   | 417    |
| 3. DEAKIN .. ..   | 160,433                    | 21,202                                 | 5,698   | 45,648                               | 1 8  | 0 10   | 0 5                    | 6 0   | 523   | 1,371  |
| 4. DINGEE .. ..   | 8,859                      | 4,447                                  | 4,447   | 3,329                                | 1 0  | ..   | ..                     | 7 0   | 90    | 203    |
| 5. KATANDRA .. ..   | 13,957                     | 11,173                                 | 7,329   | 9,583                                | 1 0  | ..   | ..                     | 7 0   | 123   | 455    |
| 6. NORTH SHEPPARTON ..  | 121,914                    | 61,444                                 | 13,203  | 56,381                               | 1 0  | 0 6  | 0 3                    | 7 0   | 475   | 1,040  |
| 7. ROCHESTER .. ..  | 181,603                    | 56,995                                 | 57,466  | 67,332                               | 1 0  | 0 6  | 0 3                    | 6 0   | 906   | 2,746  |
| 8. RODNEY .. ..   | 272,683                    | 190,353                                | 60,834  | 135,024                              | 1 0  | 0 6  | ..                     | 6 0   | 1,951 | 5,150  |
| 9. SHEPPARTON .. ..   | 24,432                     | 21,365                                 | 21,365  | 52,322                               | 1 0  | ..   | ..                     | 6 0   | 631   | 2,500  |
| 10. SOUTH SHEPPARTON ..   | 33,714                     | 17,923                                 | 4,404   | 15,910                               | 1 0  | ..   | ..                     | 6 0   | 128   | 361    |
| 11. TONGALA-STANHOPE ..   | 76,158                     | 47,626                                 | 48,052  | 48,839                               | 1 0  | ..   | ..                     | 6 0   | 1,056 | 2,953  |
| 12. TRAGOWEL PLAINS ..  | 218,164                    | 148,763                                | 31,192  | 44,257                               | 1 0  | 0 6  | ..                     | 7 0   | 669   | 839    |
| Totals .. ..  | 1,253,118                  | 672,540                                | 271,834   | 513,545                              |  |  |                        |   | 7,023 | 18,452 |

## 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, 1947. | Compulsory Irrigation Charge per Acre Foot of Water Right, Season 1946-47. | Number of Assessments. | Estimated Number of Persons Dwelling in District, excluding Defence Establishments. |        |        |
|---|----------------------------|--|---|--------------------------------------|--|--|------------------------|---|--------|--------|
| IRRIGATION AND WATER SUPPLY DISTRICTS—continued.  |                            |  |   |                                      |  |  |                        |   |        |        |
| Supplied from Yarrawonga Weir.  |                            |  |   | Valuation by Commission.<br>£        | Divisions.   |  |                        |   |        |        |
|   |                            |  |   |                                      | 1st.<br>s. d.  | 2nd.<br>s. d.  | 3rd.<br>s. d.          |   |        |        |
| 13. MURRAY VALLEY ..  | 269,334                    | 92,610                                 | 25,883  | 48,821                               | 1 0  | 0 6  | 0 3                    | 10 0  | 540    | 1,316  |
| Supplied from Torrumbarry System.   |                            |  |   |                                      |  |  |                        |   |        |        |
| 14. COHUNA ..   | 84,958                     | 44,561                                 | 49,186  | 45,820                               | 1 0  | 0 6  | ..                     | 6 0   | 635    | 1,645  |
| 15. FISH POINT..  | 6,327                      | 3,756                                  | 1,845   | 1,533                                | 1 0  | ..   | ..                     | 6 0   | 44     | 53     |
| 16. KERANG ..   | 88,587                     | 55,435                                 | 19,119  | 17,917                               | 1 0  | 0 6  | 0 3                    | 6 0   | 418    | 682    |
| 17. KOONDROOK ..  | 82,676                     | 24,472                                 | 24,522  | 23,997                               | 1 9  | 0 6  | 0 3                    | 6 0   | 446    | 1,050  |
| 18. MYSTIC PARK ..  | 20,260                     | 7,805                                  | 2,677   | 3,337                                | 1 0  | ..   | ..                     | 6 0   | 84     | 106    |
| 19. SWAN HILL ..  | 37,140                     | 22,275                                 | 25,893  | 30,969                               | 1 0  | ..   | ..                     | 6 0   | 725    | 1,995  |
| 20. THIRD LAKE ..   | 11,483                     | 3,771                                  | 2,513   | 2,156                                | 1 0  | 0 6  | ..                     | 6 0   | 65     | 60     |
| Totals ..   | 331,431                    | 162,075                                | 125,755   | 125,729                              |  |  |                        |   | 2,417  | 5,591  |
| Supplied from Southern State Works.   |                            |  |   |                                      |  |  |                        |   |        |        |
| 21. MAFFRA-SALE ..  | 52,454                     | 22,463                                 | 22,499  | 59,368                               | 1 0  | 0 6  | 0 3                    | 10 0  | 468    | 2,260  |
| 22. BACCHUS MARSH ..  | 6,687                      | 3,331                                  | 3,331   | 15,023                               | 1 0  | 0 6  | ..                     | 22 6  | 256    | 618    |
| 23. WERRIBEE ..   | 10,137                     | 8,148                                  | 8,149   | 21,615                               | 1 0  | 0 6  | ..                     | 12 0  | 246    | 1,519  |
| Totals ..   | 69,278                     | 33,942                                 | 33,979  | 96,006                               |  |  |                        |   | 970    | 4,397  |
| Supplied direct from River Murray.  |                            |  |   |                                      |  |  |                        |   |        |        |
| 24. MERBEIN ..  | 10,380                     | 7,724                                  | 19,311  | 49,532                               | 0 6  | ..   | ..                     | 62 6  | 556    | 2,000  |
| 25. NYAH ..   | 3,840                      | 2,713                                  | 7,304   | 9,530                                | 0 6  | ..   | ..                     | 53 4  | 240    | 830    |
| 26. RED CLIFFS ..   | 30,960                     | 11,291                                 | 28,228  | 81,802                               | 0 6  | 0 3  | 0 1½                   | 70 0  | 983    | 3,300  |
| Totals ..   | 45,180                     | 21,728                                 | 54,843  | 140,864                              |  |  |                        |   | 1,779  | 6,130  |
| Supplied on a Sales of Water Basis.   |                            |  |   |                                      |  |  |                        |   |        |        |
| 27. CAMPASPE ..   | 19,725                     | ..                                     | ..  | 8,871                                | 2 0  | 1 0  | ..                     | 6 0   | 146    | 121    |
| 28. TRESKO ..   | 3,482                      | 2,000                                  | ..  | 3,529                                | 2 6  | 1 3  | ..                     | 20 0  | 214    | 245    |
| Totals ..   | 23,207                     | 2,000                                  | ..  | 12,400                               |  |  |                        |   | 360    | 366    |
| Totals (Irrigation)..   | 1,991,548                  | 984,895                                | 512,294   | 937,365                              |  |  |                        |   | 13,089 | 36,252 |

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, 1947. |                   |                   | 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<br>Wimmera-Mallee System.   | Valuation by Commission.<br><br>£    | Divisions.   |                   |                   | £ s. d.  |                        |   |
|   |                                      | 1st.<br><br>s. d.                                      | 2nd.<br><br>s. d. | 3rd.<br><br>s. d. |  |                        |   |
| 29. BIRCHIP .. .. .   | 41,959                               | 2 1  | 1 0½              | 0 6¼              | 9 12 0   | 663                    | 979   |
| 30. HINDMARSH .. .. .   | 8,542                                | 2 4  | ..                | 0 7               | 10 13 4  | 50                     | 230   |
| 31. KARKAROOC .. .. .   | 128,774                              | 1 11   | 0 11½             | 0 5¾              | 9 12 0   | 1,287                  | 4,500   |
| 32. LONG LAKE .. .. .   | 72,317                               | 2 6½   | 1 3¼              | 0 7½              | 9 12 0   | 807                    | 2,100   |
| 33. SEA LAKE .. .. .  | 63,783                               | 2 5  | ..                | 0 7¼              | 9 12 0   | 701                    | 1,650   |
| 34. TYNTYNDER .. .. .   | 48,142                               | 3 0  | 1 6               | 0 9               | 9 12 0   | 1,015                  | 2,000   |
| 35. TYRRELL .. .. .   | 39,319                               | 3 0  | 1 6               | 0 9               | 9 12 0   | 849                    | 2,390   |
| 36. TYRRELL WEST .. .. .  | 56,514                               | 3 0  | 1 6               | 0 9               | 9 12 0   | 1,671                  | 2,985   |
| 37. UPPER WESTERN WIMMERA   | 61,366                               | 1 4  | ..                | 0 4               | 9 12 0   | 451                    | 1,662   |
| 38. UPPER WIMMERA UNITED ..   | 106,159                              | 1 4  | 0 8               | 0 4               | 9 12 0   | 709                    | 2,225   |
| 39. WESTERN WIMMERA .. .. .   | 233,548                              | 1 0½   | 0 6¼              | 0 3½              | ..   | 2,474                  | 8,456   |
| 40. WIMMERA UNITED .. .. .  | 315,420                              | 1 0  | 0 6               | 0 3               | 9 12 0   | 1,737                  | 6,890   |
| 41. WYCHEPROOF .. .. .  | 76,056                               | 2 1  | 1 0½              | 0 6¼              | 9 12 0   | 1,149                  | 2,100   |
| Totals .. .. .  | 1,251,899                            |  |                   |                   |  | 13,563                 | 38,158  |
| Supplied direct from<br>River Murray.   |                                      |  |                   |                   |  |                        |   |
| 42. CARWARP .. .. .   | 4,545                                | 3 4  | 1 8               | 0 10              | 10 13 4  | 156                    | 380   |
| 43. CARWARP CENTRAL .. .. .   | 784                                  | 3 4  | 1 8               | ..                | 10 13 4  | 18                     | 50  |
| 44. COREENA .. .. .   | 5,225                                | 3 4  | 1 8               | 0 10              | 10 13 4  | 153                    | 200   |
| 45. MILLEWA .. .. .   | 15,731                               | 3 4  | 1 8               | 0 10              | 10 13 4  | 459                    | 870   |
| 46. MILLEWA CENTRAL .. .. .   | 10,238                               | 3 4  | 1 8               | 0 10              | 10 13 4  | 294                    | 440   |
| 47. YELTA .. .. .   | 1,780                                | 3 4  | ..                | 0 10              | 10 13 4  | 41                     | 10  |
| Totals .. .. .  | 38,303                               |  |                   |                   |  | 1,121                  | 1,950   |
| Supplied by Bores.  |                                      |  |                   |                   |  |                        |   |
| 48. WALPEUP WEST .. .. .  | 47,601                               | 0 8  | 0 4               | ..                | 4 16 0   | 1,137                  | 1,780   |
| 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. EAST LODDON .. .. .   | 19,135                               | 0 8  | 0 4               | 0 2               | ..   | 267                    | 191   |
| 52. KERANG NORTH-WEST LAKES   | 7,400                                | 0 5  | ..                | ..                | ..   | 180                    | 274   |
| 53. LODDON .. .. .  | 28,800                               | 0 8  | 0 4               | 0 2               | ..   | 302                    | 300   |
| 54. NORMANVILLE .. .. .   | 25,594                               | 1 6  | 0 9               | 0 4½              | 10 13 4  | 257                    | 336   |
| 55. WERRIBEE .. .. .  | 5,096                                | 2 0  | ..                | ..                | ..   | 64                     | 110   |
| 56. WEST LODDON .. .. .   | 28,292                               | 0 8  | 0 4               | 0 2               | ..   | 290                    | 372   |
| Totals .. .. .  | 114,317                              |  |                   |                   |  | 1,360                  | 1,583   |
| Totals (Waterworks) .. .. .   | 1,460,400                            |  |                   |                   |  | 17,420                 | 44,321  |

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, 1947. | 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 La Jence Establishments. |
|--|--------------------------------------|--|--|---|---------------------------------|------------------------|--|
| URBAN DISTRICTS AND DIVISIONS.   |                                      |  |  |   |                                 |                        |  |
| <i>Supplied from Bellarine Peninsula System.</i>                                     | Municipal Valuation.<br>£            | s. d.  | s. d.  | s. d.   | Rate Allowance.<br>s. d.        | Excess.<br>s. d.       |  |
| 57. ANGLESEA .. ..   | 3,120                                | 1 8  | 33 4   | 10 0  | 1 0                             | 1 0                    | 175 200  |
| 58. BARWON HEADS AND OCEAN GROVE .. ..   | 11,710                               | 1 8  | 33 4   | 10 0  | 1 0                             | 1 0                    | 776 900  |
| 59. DRYSDALE .. ..   | 3,039                                | 1 8  | 33 4   | 10 0  | 1 0                             | 1 0                    | 172 600  |
| 60. PORTARLINGTON .. ..  | 3,694                                | 1 8  | 33 4   | 10 0  | 1 0                             | 1 0                    | 262 650  |
| 61. QUEENSLIFF AND POINT LONSDALE .. ..  | 25,797                               | 1 8  | 33 4   | 10 0  | 1 0                             | 1 0                    | 822 3,100  |
| 62. TORQUAY .. ..  | 5,931                                | 1 8  | 33 4   | 10 0  | 1 0                             | 1 0                    | 364 500  |
| Totals .. ..   | 53,291                               |  |  |   |                                 |                        | 2,571 5,950  |
| <i>Supplied from Mornington Peninsula System.</i>                                    |                                      |  |  |   |                                 |                        |  |
| 63. BERWICK .. ..  | 7,831                                | 1 5  | 20 0   | 7 6   | 1 0                             | 1 0                    | 349 960  |
| 64. BITTERN .. ..  | 621                                  | 2 1  | 20 0   | 7 6   | 1 0                             | 1 0                    | 87 100   |
| 65. BUNYIP .. ..   | 3,762                                | 1 7  | 33 4   | 10 0  | 1 0                             | 1 0                    | 163 450  |
| 66. CHELSEA-FRANKSTON .. ..  | 190,224                              | 1 4  | 20 0   | 7 6   | 1 0                             | 1 0                    | 7,023 15,800   |
| 67. CRANBOURNE .. ..   | 3,624                                | 1 4  | 20 0   | 7 6   | 1 0                             | 1 0                    | 154 300  |
| 68. CRIB POINT .. ..   | 3,492                                | 2 1  | 33 4   | 10 0  | 1 0                             | 1 0                    | 298 650  |
| 69. DANDENONG-SPRINGVALE .. ..   | 45,496                               | 1 3  | 20 0   | 7 6   | 1 0                             | 1 0                    | 4,788 10,492   |
| 70. DROMANA-PORTSEA .. ..  | 60,075                               | 2 2  | 40 0   | 10 0  | 1 0                             | 1 0                    | 2,879 3,300  |
| 71. GARFIELD .. ..   | 2,702                                | 1 7  | 33 4   | 10 0  | 1 0                             | 1 0                    | 87 300   |
| 72. HASTINGS .. ..   | 2,748                                | 2 0  | 26 8   | 10 0  | 1 0                             | 1 0                    | 191 530  |
| 73. LONGWARRY .. ..  | 3,143                                | 1 8  | 33 4   | 10 0  | 1 0                             | 1 0                    | 110 320  |
| 74. MORNINGTON .. ..   | 50,413                               | 1 4  | 20 0   | 7 6   | 1 0                             | 1 0                    | 1,208 2,600  |
| 75. PAKENHAM .. ..   | 6,307                                | 1 5  | 33 4   | 10 0  | 1 0                             | 1 0                    | 188 800  |
| 76. SOMERVILLE .. ..   | 2,796                                | 1 8  | 20 0   | 7 6   | 1 0                             | 1 0                    | 88 320   |
| 77. SOUTH FRANKSTON .. ..  | 22,951                               | 1 6  | 66 8   | 13 4  | 1 0                             | 1 0                    | 441 1,000  |
| Totals .. ..   | 506,185                              |  |  |   |                                 |                        | 18,054 37,922  |
| <i>Supplied from Otway System.</i>   |                                      |  |  |   |                                 |                        |  |
| 78. ALLANSFORD .. ..   | 1,049                                | 2 0  | 40 0   | 10 0  | 1 0                             | 1 0                    | 54 180   |
| 79. CAMPERDOWN .. ..   | 32,044                               | 2 0  | 40 0   | 10 0  | 1 0                             | 1 0                    | 968 3,100  |
| 80. COBDEN .. ..   | 8,893                                | 2 0  | 40 0   | 10 0  | 1 0                             | 1 0                    | 355 1,000  |
| 81. TERANG .. ..   | 22,766                               | 2 0  | 40 0   | 10 0  | 1 0                             | 1 0                    | 667 2,250  |
| Totals .. ..   | 64,752                               |  |  |   |                                 |                        | 2,044 6,530  |
| <i>Supplied from Wimmera-Mallee System.</i>  |                                      |  |  |   |                                 |                        |  |
| 82. ANTWERP .. ..  | 196                                  | 2 4  | 46 8   | 10 0  | 1 4                             | 1 0                    | 24 46  |
| 83. BERRIWILLOCK .. ..   | 1,270                                | 2 4  | 15 0   | ..  | 1 0                             | 1 0                    | 89 160   |
| 84. BEULAH .. ..   | 3,385                                | 2 0  | 15 0   | ..  | 1 0                             | 1 0                    | 192 450  |
| 85. BIRCHIP .. ..  | 5,651                                | 1 4  | 15 0   | ..  | 1 0                             | 1 0                    | 321 720  |
| 86. BRIM .. ..   | 954                                  | 2 4  | 40 0   | 10 0  | 1 0                             | 1 0                    | 68 114   |
| 87. CHILLINGOLLAH .. ..  | 250                                  | 2 4  | 46 8   | 10 0  | 1 4                             | 1 0                    | 31 35  |
| 88. CHINKAPOOK .. ..   | 560                                  | 2 4  | 46 8   | 10 0  | 1 4                             | 1 0                    | 40 100   |
| 89. CULGOA .. ..   | 1,227                                | 2 4  | 15 0   | ..  | 1 0                             | 1 0                    | 61 150   |
| 90. DIMBOOLA .. ..   | 16,317                               | 1 4  | 15 0   | ..  | 1 0                             | 1 0                    | 608 1,696  |
| 91. DOOEN .. ..  | 169                                  | 1 4  | 26 8   | 5 0   | 1 0                             | 1 0                    | 6 22   |
| 92. HOPETOUN .. ..   | 6,640                                | 2 0  | 15 0   | ..  | 1 0                             | 1 0                    | 271 800  |
| 93. JEPARIT .. ..  | 9,046                                | 1 5  | 15 0   | ..  | 1 0                             | 1 0                    | 292 856  |
| 94. JUNG JUNG .. ..  | 889                                  | 2 0  | 20 0   | 7 6   | 1 0                             | 1 0                    | 44 154   |
| Carried forward .. ..  | 46,554                               |  |  |   |                                 |                        | 2,047 5,303  |

## 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, 1947. | 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 ..   | 46,554                               |  |  |   |                                 |                        | 2,047 5,303   |
| 95. LALBERT .. ..  | 719                                  | 2 4  | 46 8   | 10 0  | 1 0                             | 1 0                    | 51 125  |
| 96. LASCELLES .. ..  | 878                                  | 2 4  | 15 0   | ..  | 1 0                             | 1 0                    | 69 150  |
| 97. MANANGATANG .. ..  | 1,961                                | 2 4  | 46 8   | 10 0  | 1 4                             | 1 0                    | 108 290   |
| 98. MARNOO .. ..   | 1,109                                | 2 4  | 33 4   | 10 0  | 1 0                             | 1 0                    | 47 176  |
| 99. MINYIP .. ..   | 6,183                                | 1 10   | 15 0   | ..  | 1 0                             | 1 0                    | 247 560   |
| 100. NANDALY .. ..   | 313                                  | 2 4  | 46 8   | 10 0  | 1 4                             | 1 0                    | 34 100  |
| 101. NATIMUK .. ..   | 3,144                                | 1 4  | 15 0   | ..  | 1 0                             | 1 0                    | 148 536   |
| 102. NULLAWIL .. ..  | 700                                  | 2 4  | 46 8   | 10 0  | 1 4                             | 1 0                    | 45 85   |
| 103. OUYEN .. ..   | 9,255                                | 2 0  | 15 0   | ..  | 1 4                             | 1 0                    | 381 1,000   |
| 104. PATCHEWOLLOCK .. ..   | 700                                  | 2 4  | 46 8   | 10 0  | 1 4                             | 1 0                    | 63 165  |
| 105. PIMPINIO .. ..  | 290                                  | 0 4  | ..   | ..  | ..                              | ..                     | 15 67   |
| 106. QUAMBATOOK .. ..  | 2,801                                | 1 11   | 15 0   | ..  | 1 0                             | 1 0                    | 150 440   |
| 107. RAINBOW .. ..   | 8,890                                | 1 4  | 15 0   | ..  | 1 0                             | 1 0                    | 284 1,004   |
| 108. RUPANYUP .. ..  | 5,703                                | 1 11   | 15 0   | ..  | 1 0                             | 1 0                    | 204 500   |
| 109. SEA LAKE .. ..  | 7,249                                | 1 4  | 15 0   | ..  | 1 0                             | 1 0                    | 277 650   |
| 110. SPEED .. ..   | 418                                  | 2 4  | 46 8   | 10 0  | 1 4                             | 1 0                    | 20 60   |
| 111. TEMPY .. ..   | 263                                  | 2 4  | 46 8   | 10 0  | 1 4                             | 1 0                    | 32 90   |
| 112. ULTIMA .. ..  | 1,833                                | 2 0  | 15 0   | ..  | 1 0                             | 1 0                    | 134 270   |
| 113. WAITCHIE .. ..  | 162                                  | 2 4  | 46 8   | 10 0  | 1 4                             | 1 0                    | 35 30   |
| 114. WALPEUP .. ..   | 853                                  | 2 4  | 46 8   | 10 0  | 1 4                             | 1 0                    | 57 135  |
| 115. WATCHEM .. ..   | 1,863                                | 2 2  | 15 0   | ..  | 1 0                             | 1 0                    | 115 230   |
| 116. WOOMELANG .. ..   | 1,871                                | 2 4  | 15 0   | ..  | 1 0                             | 1 0                    | 137 290   |
| 117. WOORINEN .. ..  | 692                                  | 2 4  | 46 8   | 10 0  | 1 0                             | 1 0                    | 63 156  |
| 118. WYCHEPROOF .. ..  | 6,871                                | 1 4  | 15 0   | ..  | 1 0                             | 1 0                    | 248 650   |
| 119. YAAPEET .. ..   | 293                                  | 2 4  | 46 8   | 10 0  | 1 4                             | 1 0                    | 25 70   |
| Totals .. ..   | 111,568                              |  |  |   |                                 |                        | 5,036 13,132  |
| <i>Supplied from Torrumbarry System.</i>   |                                      |  |  |   |                                 |                        |   |
| 120. COHUNA .. ..  | 11,032                               | 1 4  | 15 0   | ..  | 1 0                             | 1 0                    | 430 1,080   |
| 121. KOONDROOK .. ..   | 2,889                                | 1 10   | 15 0   | ..  | 1 0                             | 1 0                    | 226 580   |
| 122. LEITCHVILLE .. ..   | 1,906                                | 2 4  | 26 8   | 10 0  | 1 0                             | 1 0                    | 111 238   |
| 123. MURRABIT .. ..  | 334                                  | 2 4  | 46 8   | 10 0  | 1 4                             | 1 0                    | 24 55   |
| Totals .. ..   | 16,161                               |  |  |   |                                 |                        | 791 1,953   |
| <i>Supplied direct from River Murray.</i>  |                                      |  |  |   |                                 |                        |   |
| 124. CARWARP .. ..   | 96                                   | 2 4  | 46 8   | 10 0  | 1 4                             | 1 0                    | 14 15   |
| 125. LAKE BOGA .. ..   | 2,268                                | 2 0  | 15 0   | ..  | 1 0                             | 1 0                    | 166 390   |
| 126. MERBEIN .. ..   | 10,803                               | 1 10   | 15 0   | ..  | 1 0                             | 1 0                    | 403 1,500   |
| 127. MERINGUR .. ..  | 277                                  | 2 4  | 46 8   | 10 0  | 1 8                             | 1 0                    | 25 50   |
| 128. NYAH .. ..  | 1,151                                | 1 10   | 36 8   | ..  | 1 0                             | 1 0                    | 66 140  |
| 129. NYAH WEST .. ..   | 4,400                                | 1 10   | 40 0   | 10 0  | 1 0                             | 1 0                    | 163 410   |
| 130. PIANGIL .. ..   | 914                                  | 2 4  | 40 0   | 10 0  | 1 0                             | 1 0                    | 81 125  |
| 131. RED CLIFFS .. ..  | 18,435                               | 1 4  | 20 0   | 10 0  | 1 0                             | 1 0                    | 481 1,900   |
| 132. WERRIMULL .. ..   | 827                                  | 2 4  | 46 8   | 10 0  | 1 8                             | 1 0                    | 59 60   |
| Totals .. ..   | 39,171                               |  |  |   |                                 |                        | 1,458 4,590   |
| <i>Miscellaneous.</i>  |                                      |  |  |   |                                 |                        |   |
| 133. BACCHUS MARSH .. ..   | 16,999                               | 1 4  | 15 0   | ..  | 1 0                             | 1 0                    | 574 1,746   |
| 134. COROP .. ..   | 156                                  | 1 8  | 15 0   | ..  | 1 0                             | 1 0                    | 20 53   |
| 135. DINGEE .. ..  | 353                                  | 2 4  | 26 8   | 10 0  | 1 0                             | 1 0                    | 18 59   |
| 136. HEYFIELD .. ..  | 3,390                                | 1 11   | 33 4   | 10 0  | 1 0                             | 1 0                    | 145 420   |
| 137. LOCKINGTON .. ..  | 1,624                                | 2 0  | 40 0   | 10 0  | 1 0                             | 1 0                    | 92 168  |
| 138. MARONG .. ..  | 779                                  | 2 0  | 26 8   | 10 0  | 1 0                             | 1 0                    | 55 300  |
| 139. MITIAMO .. ..   | 857                                  | 2 8  | 15 0   | ..  | 1 0                             | 1 0                    | 52 141  |
| 140. NEWSTEAD .. ..  | 3,107                                | 2 2  | 40 0   | 10 0  | 1 0                             | 1 0                    | 151 400   |
| Carried forward ..   | 27,265                               |  |  |   |                                 |                        | 1,107 3,287   |

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, 1947. | 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.  |                                      |  |  |   |                                 |                        |   |
| Miscellaneous--continued.  | Municipal Valuation.                 |  |  |   | Rate Allowance.                 | Excess.                |   |
|  | £                                    | s. d.  | s. d.  | s. d.   | s. d.                           | s. d.                  |   |
| Brought forward ..   | 27,265                               |  |  |   |                                 |                        | 1,107 3,287   |
| 141. PYRAMID HILL .. ..  | 3,536                                | 1 6  | 30 0   | 10 0  | 1 0                             | 1 0                    | 152 468   |
| 142. STANHOPE .. ..  | 1,921                                | 1 6  | 30 0   | 10 0  | 1 0                             | 1 0                    | 70 270  |
| 143. WONTHAGGI .. ..   | 43,305                               | 1 4  | 15 0   | ..  | 1 0                             | 1 0                    | 1,708 5,220   |
| Totals ..  | 76,027                               |  |  |   |                                 |                        | 3,037 9,245   |

COLIBAN SYSTEM.

|   | Municipal Valuation. | Rate in the £1 made during year ended 30th June, 1947. | Minimum Amount of Rate for Lands on which there is a Building. |     |     |        |         |
|---|----------------------|--|--|-----|-----|--------|---------|
|   | £                    | s. d.  | s. d.  |     |     |        |         |
| 144. COLIBAN .. ..  | 433,287              | On Valuations up to £300 1 4                           | 15 0   | 1 0 | 1 0 | 14,229 | 61,000  |
| 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) ..   | 1,300,442            |  |  |     |     | 47,220 | 140,322 |

| District. | Annual Value of Lands and Tenements. | Rate in the £1 made during Year ended 30th June, 1947. | Number of Assessments. | Estimated Number of Persons Dwelling in District, excluding Defence Establishments. |
|-----------|--------------------------------------|--|------------------------|---|
|-----------|--------------------------------------|--|------------------------|---|

DRAINAGE DISTRICTS.

|   |                                    | Divisions.        |       |       |       |       |        |
|---|------------------------------------|-------------------|-------|-------|-------|-------|--------|
|   |                                    | 1st.              | 2nd.  | 3rd.  | 4th.  |       |        |
|   |                                    | s. d.             | s. d. | s. d. | s. d. |       |        |
| 145 COHUNA .. ..                                    | Valuation by Commission. £ 35,132  | 1 6               | 1 1½  | 0 9   | 0 4½  | 492   | 1,170  |
| 146 KERANG EAST .. ..                               | 16,910                             | 1 8               | 1 3   | 0 10  | 0 5   | 346   | 500    |
| 147 MAFFRA-SALE .. ..                               | 29,174                             | 1 2               | 0 10½ | 0 7   | 0 3½  | 252   | 1,240  |
| 148 MERBEIN .. ..                                   | 43,304                             | 0 9               | ..    | 0 4½  | ..    | 387   | 1,800  |
| 149 MURRABIT .. ..                                  | 3,364                              | 1 3               | ..    | ..    | ..    | 78    | 268    |
| 150 NYAH .. ..                                      | 7,629                              | 0 9               | ..    | 0 4½  | ..    | 182   | 655    |
| 151 RED CLIFFS .. ..                                | 71,493                             | 0 9               | ..    | 0 4½  | ..    | 626   | 2,900  |
| 152 ROCHESTER .. ..                                 | 27,148                             | 1 6               | 1 1½  | 0 9   | 0 4½  | 456   | 1,583  |
| 153 RODNEY .. ..                                    | 18,184                             | 1 3               | 0 11¼ | 0 7½  | 0 3¾  | 302   | 675    |
| 154 SHEPPARTON .. ..                                | 74,930                             | 1 2               | 0 10½ | 0 7   | 0 3½  | 821   | 3,280  |
| 155 TONGALA-STANHOPE .. ..                          | 51,132                             | 1 6               | 1 1½  | 0 9   | 0 4½  | 940   | 2,498  |
| 156 WERRIBEE .. ..                                  | 22,324                             | 0 8               | 0 6   | 0 4   | 0 2   | 258   | 1,473  |
| 157 WOORINEN .. ..                                  | 10,359                             | 1 2               | ..    | ..    | ..    | 230   | 420    |
| Totals ..   | 411,083                            | ..                | ..    | ..    | ..    | 5,370 | 18,462 |
| 158 CARRUM .. ..                                    | Unimproved Capital Value. £345,726 | 0 3               | 0 2¼  | 0 1½  | 0 0¾  | 4,602 | 4,450  |
| (with a minimum amount of rate of 2s. per tenement) |                                    |                   |       |       |       |       |        |
| Totals (Drainage)                                   |                                    | £411,083 (N.A.V.) |       |       |       | 9,972 | 22,912 |
|   |                                    | £345,726 (U.C.V.) |       |       |       |       |        |

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

| District.                   | Annual Value of<br>Lands and<br>Tenements. | Rate in the £1 made during<br>Year ended 30th June, 1947.  |       |       |       | Number of<br>Assessments. | Estimated<br>Number of<br>Persons dwelling<br>in District,<br>excluding<br>Defence<br>Establishments. |
|-----------------------------|--|--|-------|-------|-------|---------------------------|---|
| FLOOD PROTECTION DISTRICTS. |  |  |       |       |       |                           |   |
|                             |  | Divisions.   |       |       |       |                           |   |
|                             | Valuation by<br>Commission.                | 1st.   | 2nd.  | 3rd.  | 4th.  |                           |   |
|                             | £  | s. d.  | s. d. | s. d. | s. d. |                           |   |
| 159. LOWER KOOWEERUP ..     | 56,823                                     | 2 0  | 1 6   | 1 0   | 0 6   | 978                       | 3,000   |
|                             | Area in Acres.                             | Charge per Acre made during<br>Year ended 30th June, 1947. |       |       |       |                           |   |
|                             |  | s. d.  | s. d. | s. d. | s. d. |                           |   |
| 160. CARDINIA .. ..         | 26,621                                     | 3 2  | 2 4½  | 1 7   | 0 9½  | 268                       | 800   |
| 161. KANYAPELLA .. ..       | 12,604                                     | 0 3  | ..    | 0 1½  | ..    | 41                        | 66  |
| 162. LOCH GARRY .. ..       | 41,678                                     | 0 2  | ..    | ..    | ..    | 109                       | 180   |
| Totals (Flood Protection)   | 80,903<br>(Acres)                          |  |       |       |       | 1,396                     | 4,046   |

## 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<br>per 1,000 Gallons<br>for Water Supplied. | Minimum Charge.<br>per Annum. |
|------------------------------|--|-------------------------------|
|                              | s. d.  | s. d.                         |
| BELLARINE PENINSULA .. ..    | 1 0  | 50 0                          |
| MORNINGTON PENINSULA .. ..   | 1 0  | 50 0                          |
| OTWAY .. ..                  | 1 0  | 50 0                          |

## FINANCE

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

## REVENUE.

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

| Year.              |    |    |    |    | Water Rates and Charges, Diversion and Grazing Fees, Recoups &c. | Interest on Lands Sold, Plant and Machinery Account. | Total.    |
|--------------------|----|----|----|----|--|--|-----------|
|                    |    |    |    |    | £  | £  | £         |
| 1944-45            | .. | .. | .. | .. | 788,688  | 2,339  | 791,027   |
| 1945-46            | .. | .. | .. | .. | 773,423  | 2,593  | 776,016   |
| 1946-47            | .. | .. | .. | .. | 919,347  | 7,629  | 926,976   |
| Grand Totals .. .. |    |    |    |    | 2,481,458  | 12,561   | 2,494,019 |

The amount collected during the current year, including arrears, represented the equivalent of 145 per cent. of the year's assessment (£522,237) for rates and charges. Additional amounts collectable for sales of water, interest on arrears, &c., were £220,926. The total collectable new money for the year, therefore, was £743,163, of which the actual sum collected (£759,896) represented the equivalent of 102 per cent.

An amount of £19,769 was written off the books of the Commission for the financial year 1946-47, as compared with £17,061 for the previous year. The total amount written off for the eleven years ended 30th June, 1947, under the various headings as shown hereunder was £571,291.

|  | £              |
|--|----------------|
| Farmers' Debt Adjustment Act 1935 (No. 4326) .. ..   | 85,250         |
| Adjustment of arrears of rates and charges and irrecoverable amounts—  |                |
| Act No. 4513 .. ..   | 145,614        |
| Remission of Interest accrued on arrears to 30th June, 1940—Act 4740   | 81,517         |
| Reduction in rating classifications (Waterworks Districts) and of water rights—Act No. 5017 .. ..                            | 8,399          |
| Unoccupied or vacated Crown lands .. ..  | 168,482        |
| Reduction in rating classifications other than applicable to Act 5017 ..   | 11,253         |
| Concessions granted to water-users .. ..   | 42,705         |
| Miscellaneous including remission of interest accrued on Consolidated Arrears (Act 4740) subsequent to 30th June, 1940 .. .. | 28,071         |
|  | <u>571,291</u> |

Arrears of rates and charges (excluding interest remitted and excused), subject to the provisions of the Water Act No. 4740 are payable by instalments over periods up to twenty years from and inclusive of 1st January, 1941. The arrears so consolidated amounting to £196,650 as at 30th June, 1947, are not subject to interest conditionally upon the instalment being paid on the due date each year. Interest accrued to the 30th June, 1947, through default in the payment of instalments owing to drought conditions in wheat areas, amounted to £15,345.

The arrears of rates and charges were reduced from £451,245 as at 1st July, 1946, to £416,104 as at 30th June, 1947—this figure includes the balance £196,650 plus accrued interest, of arrears consolidated under Act 4740, mentioned in the preceding paragraph.

**EXPENDITURE.**

The expenditure for the year on maintenance, water distribution, and management, and the comparative figures for 1945-46 are set out hereunder :—

|   | 1946-47   | 1945-46   |
|---|-----------|-----------|
|   | £         | £         |
| From Annual Vote Appropriation .. ..            | 1,036,566 | 1,070,085 |
| From Annual Vote Appropriation (Exceptional) .. | *27,829   | 28,466    |
| From Surplus Revenue, Act 4968 .. ..            | 20,446    | 11,619    |
|   | <hr/>     | <hr/>     |
|   | 1,084,841 | 1,110,170 |

\* Includes £10,894 assistance to Sewerage Authorities ; £16,349 subsidies to Sewerage Authorities ; £586 subsidies to Waterworks Trusts and Local Governing Bodies.

Total expenditure on works carried out or supervised by the Commission for the year 1946-47 was as set out hereunder :—

|  | £         | £         |
|--|-----------|-----------|
| Vote Funds .. .. .   | 1,064,395 |           |
| Special Appropriation .. .. .  | 3,875     |           |
| Surplus Revenue, Act No. 4968 .. .. .  | 20,446    |           |
|  | <hr/>     | 1,088,716 |
| Ordinary Loan Funds—   |           |           |
| Commission Works .. .. .   | 1,209,480 |           |
| Waterworks Trusts and Local Bodies .. .. .   | 256,642   |           |
|  | <hr/>     | 1,466,122 |
| Water Supply Works Depreciation Fund .. .. .   |           | 20,584    |
|  |           | <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. .. .. . |           | 2,575,422 |

Expenditure on Capital construction works was provided from :—

|   | £         |
|---|-----------|
| Water Supply Loans Application Act No. 5099 .. .. . | 509,819   |
| Water Supply Loans Application Act No. 5200 .. .. . | 956,303   |
|   | <hr/>     |
|   | 1,466,122 |

In addition the Capital Loan Liability of the State for works of country Water Supply was increased as a result of loan conversion operations during the year, by an amount of .. 5,159

The total increase in Loan Liability for the year was therefore 1,471,281

The contribution by the Government of Victoria to the River Murray Commission for the maintenance of works under the River Murray Agreement was £14,900 (included in the expenditure from Annual Vote Appropriation as shown above). The actual expenditure by this Commission on the maintenance of these works was £10,170, and on construction of new works £1,970.

**CAPITAL LIABILITY.**

The Capital Loan Liability of the State for Works of Country Water Supply at 30th June, 1947, was £30,352,469, of which amount £27,300,343 is charged to the "Capital Expenditure borne by the State Account". Of the remainder £1,531,206 is charged to Waterworks Trusts and Local Governing Bodies, £380,989 is debited to the Plant and Machinery Account, and the balance £1,139,931, 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 of £3,204,454 in the National Debt Sinking Fund.

In accordance with the provisions of the *Water Act* 1943 No. 4983, section 5, interest debited direct to water-users on the cost of capital works incurred after the 30th June, 1943, is charged at the rate of 3 per cent. per annum. Interest on the Capital Liability for works of Country Water Supply, incurred prior to that date, is reckoned at the average rate of interest per centum (as determined by the Treasury)

payable by the State of Victoria on securities in respect of Water Supply Loan Liabilities as at the thirtieth day of June in the preceding financial year. The average rates per centum of interest so determined are respectively for 1945-46, £3 10s. 2d. and for 1946-47, £3 9s. 4d.

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

|                                       | £                | s.       | d.        |
|---------------------------------------|------------------|----------|-----------|
| Interest .. .. .                      | 1,080,562        | 16       | 2         |
| Exchange on overseas interest .. .. . | 96,947           | 10       | 6         |
| Loan Conversion expenses .. .. .      | 1,466            | 0        | 3         |
|                                       | <u>1,178,976</u> | <u>6</u> | <u>11</u> |

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 1946-47 in relation to the Capital Liability.

| Capital Debited to—   | Capital Liability<br>as at 30th June,<br>1947 | Interest Liability<br>(excluding Exchange and<br>Loan Conversion Expenses). | Interest Paid by<br>Water Users. |
|---|---|---|----------------------------------|
|   | £   | £ s. d.   | £ s. d.                          |
| Districts and Divisions under the direct control of the<br>Commission .. .. . | 1,139,931                                     | 39,960 15 4   | 32,008 9 6                       |
| Waterworks Trusts and Local Governing Bodies ..                               | 1,531,206                                     | 59,078 18 11  | 59,498 13 11                     |
| Plant and Machinery Account .. .. .   | 380,989                                       | 6,962 0 11  | 6,962 0 11                       |
| Capital Expenditure borne by the State Account ..                             | 27,300,343                                    | 974,561 1 0   | ..                               |
|   | <u>30,352,469</u>                             | <u>1,080,562 16 2</u>   | <u>98,469 4 4</u>                |

### DEPRECIATION.

The amount at credit of the Water Supply Works Depreciation Account in the Commission's books at 1st July, 1946, was £333,022 1s. 3d. An amount of £118,700 18s. 4d. was raised during the financial year 1946-47 for purposes of depreciation.

In addition, a sum of £476 10s. 4d. 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 £9,609 8s. 6d. and deducting the expenditure (£20,583 11s. 3d.) from Depreciation for the year, the balance remaining in the Account at at 30th June, 1947, was £441,225 7s. 2d.

The Water Act No. 4513 provides that sums raised in respect of depreciation shall be paid into the consolidated revenue or if the Treasurer so directs, shall to the extent that the Treasurer directs be placed to the credit of the Water Supply Works Depreciation Fund.

Although a sum of approximately £49,490 was included in rates and charges levied for 1946-47, and credited to the respective districts and divisions, no amount was transferred this year to the credit of the Water Supply Works Depreciation Fund. An amount of £48,000 was transferred to the credit of the Fund during the previous year (1945-46).

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 ; also that regular transfers be made to the Fund to avoid fluctuations in the Commission's net revenue each year.

Details of the Water Supply Works Depreciation Account are set out on pages 94-96 of this report.

### PLANT AND MACHINERY ACCOUNT AND STORES SUSPENSE ACCOUNT.

The value of large size movable Plant and Machinery, inclusive of depot and workshops at Bendigo, held in the Plant and Machinery Account as at 30th June, 1947, was £380,988 15s.

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 £41,317.

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 £94,113 13s. 1d., as at 30th June, 1947, as against a credit of £96,117 18s. 9d. 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, 1947, was £221,043 16s. 1d. The net amount charged to the Account is £166,510 6s. 3d.; the difference (£54,533 9s. 10d.) represents the amount at credit of operating account in respect to the major items of plant controlled in the Plant and Machinery Account (£41,316 19s. 7d.) and the amount at credit of operating account in respect to motor vehicles and other minor plant controlled in Stores Suspense Account (£13,216 10s. 3d.).

The net debit for plant and materials held by the Commission as at 30th June, 1947, is £711,180 12s. 8d., and is controlled within funds provided from the following sources:—

|   | £       | s. | d.      | £       | s. | d. |
|---|---------|----|---------|---------|----|----|
| Stores Suspense Account (Act 3341, sec. 8 (1) (c) ) ..            | ..      | .. | 166,510 | 6       | 3  |    |
| Water Supply Loans Application Acts—                              |         |    |         |         |    |    |
| Rocklands Reservoir (Suspense Account)                            | 126,001 | 12 | 5       |         |    |    |
| Glenelg River Works (Suspense Account)                            | 721     | 3  | 9       |         |    |    |
| Eildon Reservoir (Suspense Account) ..                            | 537     | 11 | 10      |         |    |    |
| Cairn Curran Reservoir (Suspense Account)                         | 23,709  | 9  | 9       |         |    |    |
| Nambrok-Denison Irrigation District<br>(Suspense Account) .. .. . | 2,433   | 10 | 0       |         |    |    |
| Robinvale Irrigation District (Suspense<br>Account) .. .. .       | 10,278  | 3  | 8       |         |    |    |
|   |         |    |         | 163,681 | 11 | 5  |
| Plant and Machinery Account (Act 4761 ..                          | 371,252 | 9  | 3       |         |    |    |
| Plant and Machinery Depots (Bendigo and<br>Kerang) .. .. .        | 9,736   | 5  | 9       |         |    |    |
|   |         |    |         | 380,988 | 15 | 0  |
|   |         |    |         | 711,180 | 12 | 8  |

#### REVENUE EXPENDITURE CHARGEABLE TO THE STATE ACCOUNT.

The Commission, by direction of the Governor in Council, has throughout 1946-47 continued the operation of 5 Irrigation Districts, 20 Waterworks Districts, 47 Urban Districts, 6 Urban Divisions, and 13 Drainage Districts, in respect of which Districts and Divisions, the works would not produce sufficient revenue to cover the expenses of maintenance and management. Section 6 of the *Water Act* 1937 (No. 4513) provides that the annual amount of the loss resulting from the maintenance and management of such works shall be transferred in the books of the Commission to the "Revenue Expenditure chargeable to the State Account". The amount so transferred for 1946-47 was £313,485, making a total of £1,423,999 borne by the State since 1st July, 1938.

In 33 of these districts an aggregate cash surplus of revenue over expenditure of £24,967 was obtained. This amount was applied to Interest (£4,377), Redemption (£69) and Depreciation (£10,714), leaving a sum of £9,807 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* 4513, charged to the "Revenue Expenditure chargeable to the State Account".

### FINANCIAL STATEMENTS.

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

#### FINANCIAL OPERATIONS, 1946-47.

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".

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       |
| Calival       | Kerang        | Rochester        | Tongala-Stanhope |
| Campaspe      | Koondrook     | Rodney           | Tragowel Plains  |
| Cohuna        | Maffra-Sale   | Shepparton       | Werribee         |
| Deakin        | Murray Valley | South Shepparton |                  |

##### *Waterworks Districts (12).*

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

##### *Urban Divisions and Districts (35).*

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

##### *Drainage Districts (1).*

Carrum

The surplus Revenue over Expenditure in respect of these Districts after providing for interest, redemption, and depreciation was £43,358.

#### "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 (53).*

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

*Drainage Districts (13).*

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

In districts marked "\*" the operations for 1946-47 resulted in an aggregate cash surplus of £21,777. Of this amount, a sum of £15,159 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 1946-47 by direction of the Governor in Council, in which the Revenue was insufficient to meet operating costs, was .. .. . 313,485

**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 1946-47, and paid from the Commission's Vote Appropriation, was .. .. . 241,787

From this amount may be deducted miscellaneous revenue collected in respect to diversion permits, rents, recoup payments, &c. .. .. . 211,061

Net Cost to State of National Services 1946-47 (page 61) .. 30,726

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

## NET COST TO STATE.

It is indicated in the Auditor-General's Report for 1946-47 that the net cost to the State for the year in connexion with country water supply which has been met from general revenue was £1,246,931. This figure includes the cost of the service referred to earlier. The equivalent figure stated annually is often incorrectly quoted as a "loss" in respect of country water supply, whereas the only amount which, on the existing basis of rates and charges, might be correctly regarded as a cash "loss" is the amount of £313,485, 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 (£1,246,931) to the State for the year is set out hereunder—a more detailed analysis is set out on page 61 of this Report.

|   | £         | £         | £         |
|---|-----------|-----------|-----------|
| Loss on "Non-paying" Districts .. ..  |           | 313,485   |           |
| Cost of "National Services" .. ..   | 241,787   |           |           |
| Less Miscellaneous Revenue Collected .. ..  | 211,061   |           |           |
|   |           | 30,726    |           |
| Interest, Exchange, and Loan Conversion<br>Expenses on Headworks, and Capital borne<br>by State .. ..   | 1,072,974 |           |           |
| Less Interest on Lands sold, &c. .. ..  | 1,086     |           |           |
|   |           | 1,071,888 |           |
|   |           | 1,416,099 |           |
| Deduct amount paid to Revenue in respect<br>of Depreciation (£118,701) and Redemption<br>(£1,678) .. .. |           | 120,379   |           |
|   |           | 1,295,720 |           |
| Deduct Surplus on "Paying Districts" .. ..  | 43,359    |           |           |
| Revenue in excess of operating costs in other<br>("Non-paying") Districts .. ..                         | 5,430     |           |           |
|   |           | 48,789    |           |
|   |           | 1,246,931 |           |
| Add amount transferred from Revenue to<br>Depreciation Fund .. ..                                       |           | Nil       |           |
| Net Total Cost to State .. ..   |           |           | 1,246,931 |

The net cost to the State (£1,246,931) was £264,685 less than the comparable figure for the previous year. The reduced loss is accounted for in the lesser expenditure incurred on removal of sand drift. The favorable year and the effect of preventative measures introduced resulted in a much lower expenditure on sand drift removal. The expenditure incurred during 1946-47 was £188,771, as against the unprecedented amount of £330,066 expended during 1945-46 when extraordinarily severe drought conditions prevailed. With the replenishment of storages following the break of the drought water sales increased from £118,011 in 1945-46 to £170,299 in 1946-47. Allowance also must be made for an amount of approximately £50,000 which has yet to be transferred from the Commission's revenue to the credit of the Water Supply Works Depreciation Fund.

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 (£1,246,931) borne by the community for the year 1946-47 is equivalent to 12s. 7d. per head of the whole population, and represents the contributions of the individual citizen towards the indirect benefits derived from the State enterprise of Country Water Supply.

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## FINANCIAL STATEMENTS

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# RESULTS OF OPERATIONS IN DISTRICTS UNDER CONTROL OF COMMISSION.

Disbursements, 1946-47.

|  | Operating Expenses. | Interest on Capital. Allotted. | Depreciation Paid by Districts. |               | Redemption Paid by Districts. | Total Disbursements. |
|--|---------------------|--------------------------------|---------------------------------|---------------|-------------------------------|----------------------|
|  |                     |                                | On Works.                       | On Buildings. |                               |                      |
|  | £ s. d.             | £ s. d.                        | £ s. d.                         | £ s. d.       | £ s. d.                       | £ s. d.              |
| Coliban Works .. .. .                    | 49,278 16 4         | 10,280 19 9                    | 17,652 15 3                     | 343 0 0       | ..                            | 77,555 11 4          |
| Irrigation Districts .. ..               | 297,886 4 2         | ..                             | 31,093 0 0                      | 4,285 0 0     | ..                            | 333,264 4 2          |
| Irrigation Urban Divisions ..            | 6,042 10 11         | 527 7 8                        | 913 9 9                         | ..            | 60 1 1                        | 7,543 9 5            |
| Waterworks Districts .. ..               | 374,123 12 6        | 8,367 18 5                     | 43,989 0 0                      | 1,031 0 0     | 609 17 4                      | 428,121 8 3          |
| Waterworks Urban Districts ..            | 75,038 13 9         | 20,784 9 6                     | 17,232 11 11                    | 270 0 0       | 1,008 2 7                     | 114,333 17 9         |
| Flood Protection Districts ..            | 8,393 0 8           | ..                             | ..                              | 65 0 0        | ..                            | 8,458 0 8            |
| Drainage Districts .. .. .               | 49,569 0 10         | ..                             | 1,820 1 5                       | 6 0 0         | ..                            | 51,395 2 3           |
|  | 860,331 19 2*       | 39,960 15 4                    | 112,700 18 4                    | 6,000 0 0     | 1,678 1 0                     | 1,020,671 13 10      |
| Expenditure not chargeable to Districts— |                     |                                |                                 |               |                               |                      |
| Free Headworks .. .. .                   | 9,814 2 2†          | ..                             | ..                              | ..            | ..                            | 9,814 2 2            |
| Other .. .. .                            | 214,695 9 4         | ..                             | ..                              | ..            | ..                            | 214,695 9 4          |
|  | 1,084,841 10 8‡     | 39,960 15 4                    | 112,700 18 4                    | 6,000 0 0     | 1,678 1 0                     | 1,245,181 5 4        |

Inclusive of Grant from Surplus Revenue:— \* £20,021 10s 8d.; † £424 18s. 2d.; ‡ Total, £20,446 8s. 10d.  
Exclusive of Redemption paid in respect of Plant and Machinery Account, £555 1s. 11d.

## Receipts, 1946-47.

|  | Total Receipts. | Less Transfer to Depreciation Fund. | Contribution from Irrigation to Drainage Districts. | Total Collections Paid to Consolidated Revenue. | Excess.                      |                              |
|--|-----------------|-------------------------------------|---|---|------------------------------|------------------------------|
|  |                 |                                     |   |   | Receipts over Disbursements. | Disbursements over Receipts. |
|  | £ s. d.         | £ s. d.                             | £ s. d.   | £ s. d.   | £ s. d.                      | £ s. d.                      |
| Coliban Works .. .. .                        | 53,984 17 6     | ..                                  | ..  | 53,984 17 6                                     | ..                           | 23,570 13 10                 |
| Irrigation Districts .. ..                   | 347,033 13 11   | ..                                  | Cr 19,291 0 0                                       | 327,742 13 11                                   | ..                           | 5,521 10 3                   |
| Irrigation Urban Divisions ..                | 6,714 14 7      | ..                                  | ..  | 6,714 14 7                                      | ..                           | 828 14 10                    |
| Waterworks Districts .. ..                   | 194,662 17 3    | ..                                  | ..  | 194,662 17 3                                    | ..                           | 233,458 11 0                 |
| Waterworks Urban Districts ..                | 101,741 0 8     | ..                                  | ..  | 101,741 0 8                                     | ..                           | 12,592 17 1                  |
| Flood Protection Districts ..                | 8,569 3 8       | ..                                  | ..  | 8,569 3 8                                       | 111 3 0                      | ..                           |
| Drainage Districts .. .. .                   | 23,247 18 4     | ..                                  | Dr 19,291 0 0                                       | 42,538 18 4                                     | ..                           | 8,856 3 11                   |
|  | 735,954 5 11    | ..                                  | ..  | 735,954 5 11                                    | 111 3 0                      | 284,828 10 11                |
| Recoups of amounts paid from Revenue .. .. . | 158,965 6 1     | ..                                  | ..  | 158,965 6 1                                     | ..                           | ..                           |
| Free Headworks .. .. .                       | 5,637 7 10      | ..                                  | ..  | 5,637 7 10                                      | ..                           | ..                           |
| Miscellaneous .. .. .                        | 18,790 3 8      | ..                                  | ..  | 18,790 3 8                                      | ..                           | ..                           |
|  | 919,347 3 6     | ..                                  | ..  | 919,347 3 6                                     | 111 3 0                      | 284,828 10 11                |

## SUMMARY OF OPERATIONS FOR YEAR 1946-47.

|   | £ s. d.         | £ s. d.        |   | £ s. d.        | £ s. d.         |
|---|-----------------|----------------|---|----------------|-----------------|
| REVENUE 1946-47—  |                 |                | EXPENDITURE 1946-47—                                      |                |                 |
| From Districts and other activities under the control of the Commission .. .. . | 760,381 17 5    |                | From Annual Vote—Commission's Districts .. .. .           | 840,310 8 6    |                 |
| Recoups of amounts paid from Revenue .. .. .                                    | 158,965 6 1     |                | Services of a National Character and Free Headworks .. .. | 224,084 13 4   |                 |
|   |                 | 919,347 3 6    | Special Appropriation .. ..                               | ..             | 1,064,395 1 10  |
| Grants from Revenue—  |                 |                | Surplus Revenue Act No. 4968—                             |                | 3,874 13 2      |
| Surplus Revenue Act No. 4968 To Assist Sewerage Authorities .. ..               | 20,446 8 10     |                | Commission Districts .. ..                                | 20,021 10 8    |                 |
|   | 27,243 5 5      |                | Free Headworks .. .. .                                    | 424 18 2       | 20,446 8 10     |
| Balance carried down .. .. .  | ..              | 47,689 14 3    |   |                |                 |
|   |                 | 121,679 6 1    |   |                | 1,088,716 3 10  |
|   |                 | 1,088,716 3 10 |   |                |                 |
| Interest paid—  |                 |                | Balance brought down .. ..                                | ..             | 121,679 6 1     |
| By Waterworks Trusts and Local Governing Bodies .. ..                           | 59,498 13 11    |                | Amount debited by Treasury for Gratuities .. .. .         | ..             | 13,402 11 10    |
| On Shepparton Drainage .. ..  | 17 16 10        |                |   |                |                 |
| „ Sale of Land .. .. .  | 648 16 3        |                |   |                |                 |
|   |                 | 60,165 7 0     |   |                |                 |
| Plant and Machinery Account .. ..   | ..              | 6,962 0 11     |   |                |                 |
| Balance carried down .. .. .  | ..              | 67,954 10 0    |   |                |                 |
|   |                 | 135,081 17 11  |   |                | 135,081 17 11   |
|   |                 |                |   |                |                 |
| Balance, being the amount borne by the State .. .. .                            | 1,246,930 16 11 |                | Balance brought down .. ..                                | ..             | 67,954 10 0     |
|   |                 |                | Interest on Total Loan Liability .. ..                    | 1,080,562 16 2 |                 |
|   |                 |                | Exchange on Interest Payments .. ..                       | 96,947 10 6    |                 |
|   |                 |                | Loan Conversion Expenses .. ..                            | 1,466 0 3      |                 |
|   |                 |                |   |                | 1,178,976 6 11  |
|   |                 |                |   |                | 1,246,930 16 11 |

# ANALYSIS OF EXPENDITURE BORNE BY THE STATE, 1946-47.

| Services of a National Character—   |        | £  | s. | d. | £         | s. | d. |
|---|--------|----|----|----|-----------|----|----|
| Maintenance and Management of Free Headworks .. .. .  |        | .. | .. | .. | 9,814     | 2  | 2  |
| Maintenance River Murray Commission Works—Contribution by State of Victoria in accordance with the provisions of the River Murray Waters Acts .. .. .   |        | .. | .. | .. | 14,900    | 0  | 0  |
| Assistance to Sewerage Authorities where suspension of Works is being continued .. .. .   | 10,394 | 0  | 4  |    |           |    |    |
| Subsidies to Sewerage Authorities where interest paid on Capital Liability is in excess of the rate of 3 per cent. .. .. .  | 16,349 | 5  | 1  |    |           |    |    |
| Subsidies to Waterworks Trusts and Local Governing Bodies to enable a reduction of 33½ per cent. to be made in Water Rates .. .. .  | 585    | 17 | 0  |    |           |    |    |
| Farm Water Supplies Advances (Act No. 5020, 1944) Administration .. .. .  |        |    |    |    | 27,829    | 2  | 5  |
| Administration in respect of expenditure from other funds and works carried out for Other Authorities (including Salaries, Pay Roll Tax, &c.) .. .. .   |        |    |    |    | 1,519     | 17 | 9  |
| Rivers and Reclamation Division—River Gaugings, Diversions, Land Leasing, Surveys and Reports, Investigations, Underground Water .. .. .  |        |    |    |    | 129,858   | 0  | 10 |
| Investigation Missions to U.S.A. and India by Commission Engineers .. .. .  |        |    |    |    | 11,529    | 14 | 6  |
| Salaries in connection with purchase of Plant and Machinery for large developmental projects .. .. .  |        |    |    |    | 1,229     | 13 | 8  |
| Investigations and Designs Branch .. .. .   |        |    |    |    | 4,565     | 8  | 10 |
| Irrigation Branch and Library .. .. .   |        |    |    |    | 2,584     | 17 | 8  |
| Waterworks Trusts and Sewerage Authorities .. .. .  |        |    |    |    | 5,268     | 5  | 3  |
| Maintenance of Suspended Works (Rocklands Reservoir, Toolondo Main Channel and Eppalock Reservoir) and Mallee Tanks .. .. .   |        |    |    |    | 2,874     | 19 | 3  |
| Special Appropriation .. .. .   |        |    |    |    | 454       | 9  | 0  |
| Travelling—Minister and Commissioners .. .. .   |        |    |    |    | 3,874     | 13 | 2  |
| Salaries and Pay Roll Tax, Minister's Staff; Commissioners' Cost of Living Allowances and Pay Roll Tax .. .. .  |        |    |    |    | 1,555     | 2  | 0  |
| Transfer of Offices from Treasury Buildings and Spring-street to Centenary Hall, 100-110 Exhibition-street, and to 31 Flinders-lane, Melbourne .. .. .  |        |    |    |    | 1,718     | 2  | 3  |
| Miscellaneous Services, Concessions to Servicemen, Free Water for Research, Free Places Melbourne University, Military Leave, &c. .. .. .   |        |    |    |    | 858       | 3  | 9  |
| Salaries in lieu of Long Service Leave .. .. .  |        |    |    |    | 4,274     | 4  | 9  |
| Total (from Annual Vote, £224,084 13s. 4d., Special Appropriation, £3,874 13s. 2d., and from Surplus Revenue, £424 18s. 2d.) .. .. .  |        |    |    |    | 3,375     | 7  | 5  |
| Amount debited by Treasury for Pensions and Gratuities .. .. .  |        |    |    |    | 228,384   | 4  | 8  |
| Less Revenue received from Free Headworks, £5,637 7s. 10d.; Diversion Permits, &c., £18,790 3s. 8d.; Oncost on Expenditure from Other funds and Recoups, £158,965 6s. 1d.; Grants by State in respect of Subsidies and Assistance to Sewerage Authorities, £27,243 5s. 5d., and from Surplus Revenue, £424 18s. 2d. .. .. . |        |    |    |    | 13,402    | 11 | 10 |
| Interest on Capital Expenditure on Free Headworks and other Capital Expenditure borne by the State .. .. .  |        |    |    |    | 241,786   | 16 | 6  |
| Exchange on Overseas Interest Payments .. .. .  |        |    |    |    | 30,725    | 15 | 4  |
| Loan Conversion Expenses .. .. .  |        |    |    |    |           |    |    |
|   |        |    |    |    | 974,561   | 1  | 0  |
|   |        |    |    |    | 96,947    | 10 | 6  |
|   |        |    |    |    | 1,466     | 0  | 3  |
|   |        |    |    |    | 1,072,974 | 11 | 9  |
| Less Interest on Lands Sold, &c. .. .. .  |        |    |    |    | 666       | 13 | 1  |
| „ Interest paid by Waterworks Trusts in excess of amount charged 1946-47 .. .. .  |        |    |    |    | 419       | 15 | 0  |
|   |        |    |    |    | 1,086     | 8  | 1  |
|   |        |    |    |    | 1,071,888 | 3  | 8  |
|   |        |    |    |    | 1,102,613 | 19 | 0  |
| Commission Districts—   |        |    |    |    |           |    |    |
| 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, £17,564, and Redemption, £1,608 12s. 5d. .. .. .   |        |    |    |    | 72,405    | 0  | 3  |
| Less Current Interest—  |        |    |    |    |           |    |    |
| Paid .. .. .  | 27,088 | 18 | 0  |    |           |    |    |
| Forward Unpaid .. .. .  | 1,957  | 14 | 6  |    |           |    |    |
|   |        |    |    |    | 29,046    | 12 | 6  |
|   |        |    |    |    | 43,358    | 7  | 9  |
| Districts supplied by direction of Governor in Council, but which show excess Revenue over Operating Costs after allowing for Depreciation £10,713 14s. 2d., and Redemption, £69 8s. 7d.—   |        |    |    |    |           |    |    |
| Surplus .. .. .   | 9,807  | 1  | 6  |    |           |    |    |
| Less Current Interest paid .. .. .  | 4,376  | 11 | 6  |    |           |    |    |
|   |        |    |    |    | 5,430     | 10 | 0  |
| Total Surplus .. .. .   |        |    |    |    | 48,788    | 17 | 9  |
| Deduct Excess Expenditure in Districts supplied by direction of the Governor in Council and showing excess Expenditure over Revenue inclusive of Interest £6,537 11s. 4d. and Depreciation £84,423 4s. 2d. .. .. .  |        |    |    |    | 313,484   | 15 | 0  |
| Net Deficit .. .. .   |        |    |    |    | 264,695   | 17 | 3  |
| Deduct amounts paid to Revenue in respect of Depreciation on Works £112,700 18s. 4d. and Buildings, £6,000, and Redemption, £1,678 1s. 0d. .. .. .  |        |    |    |    | 120,378   | 19 | 4  |
|   |        |    |    |    | 144,316   | 17 | 11 |
| Net Expenditure borne by the State .. .. .  |        |    |    |    | 1,246,930 | 16 | 11 |

## CAPITAL EXPENDITURE 1946-47.

Expenditure during the year on Capital Works of Water Supply—

## LOAN CAPITAL LIABILITY.

Net Loan Liability of State for Works of Country Water Supply at 30th June, 1947 .. .. .

Represented by—

Works at Debit of Authorities—

Commission Districts .. .. . 1,139,931 1 8  
Water Supply Plant and Machinery Account .. .. . 380,988 15 0  
Waterworks Trusts and Local Governing Bodies .. .. . 1,531,206 6 5

3,052,126 3 1

Capital Expenditure Borne by the State—

Free Headworks .. .. . 1,240,920 7 8  
Capital Works and Charges not apportionable to Districts .. .. . 1,685,959 4 4  
Headworks and Distributory Works .. .. . 22,455,904 4 8  
Waterworks Trusts and Local Governing Bodies .. .. . 1,775,203 2 8  
Free Grants to Local Authorities in early years .. .. . 142,356 4 11

27,300,343 4 3

Net Loan Capital Liability of Commission's Districts, Divisions, and Works under Control of the Commission .. .. .

30,352,469 7 4

Less Amount from National Debt Sinking Fund, being the difference between redemption recoup contributions paid by Districts, Waterworks Trusts, &c. (£444,110 1s.) and the amount (£3,204,453 19s. 9d.) contributed from Consolidated Revenue to the National Debt Sinking Fund (page 107) .. .. .

2,760,343 18 9

Add Cash on Hand at Treasury .. .. .

27,592,125 8 7

Net Liability Country Water Supply Capital Account in Treasury .. .. .

27,271 19 2

27,619,397 7 9

## INTEREST AND EXCHANGE.

The Total Interest on the Loan Liability for 1946-47 is .. .. . 1,080,562 16 2

To which is to be added—

Exchange payable on Overseas Interest .. .. . 96,947 10 6

Loan Conversion Expenses .. .. . 1,466 0 3

1,178,976 6 11

Interest Debitable to—

Works at Debit of Authorities—

Commission Districts .. .. . 39,960 15 4  
Trusts .. .. . 59,078 18 11  
Water Supply Plant and Machinery Account .. .. . 6,962 0 11

106,001 15 2

Capital Expenditure Borne by the State—

Free Headworks .. .. . 44,298 1 2  
Capital Works and Charges not apportionable to Districts .. .. . 60,184 19 2  
Headworks and Distributory Works not debited to Districts .. .. . 801,625 9 6  
Waterworks Trusts and Local Governing Bodies .. .. . 63,370 15 4  
Free Grants to Local Authorities in early years .. .. . 5,081 15 10

974,561 1 0

Exchange, £96,947 10s. 6d., and Loan Conversion Expenses, £1,466 0s. 3d., not apportioned .. .. .

1,080,562 16 2

98,413 10 9

1,178,976 6 11

## RECEIPTS AND DISBURSEMENTS.

STATEMENT of Moneys Received and Disbursed during the Year Ended 30th June, 1947.

| Works.  | Receipts.           |                            |                               | Disbursements (Exclusive of Interest, Redemption and Depreciation Charges). |                                    |                       |
|---|---------------------|----------------------------|-------------------------------|---|------------------------------------|-----------------------|
|   | Total.              | Paid to Depreciation Fund. | Paid to Consolidated Revenue. | From Annual Vote and (a) Special Appropriation.                             | From Surplus Revenue Act No. 4968. | Total.                |
|   | £ s. d.             | £ s. d.                    | £ s. d.                       | £ s. d.   | £ s. d.                            | £ s. d.               |
| <b>Commission's Districts—</b>  |                     |                            |                               |   |                                    |                       |
| Coliban Works .. ..   | 53,984 17 6         | ..                         | 53,984 17 6                   | 49,278 16 4   | ..                                 | 49,278 16 4           |
| Irrigation Districts .. ..  | 347,033 13 11       | ..                         | 347,033 13 11                 | 297,409 9 6   | 476 14 8                           | 297,886 4 2           |
| Irrigation Urban Divisions ..   | 6,714 14 7          | ..                         | 6,714 14 7                    | 6,042 10 11   | ..                                 | 6,042 10 11           |
| Waterworks Districts .. ..  | 194,662 17 3        | ..                         | 194,662 17 3                  | 369,146 12 10   | 4,976 19 8                         | 374,123 12 6          |
| Waterworks Urban Districts ..   | 101,741 0 8         | ..                         | 101,741 0 8                   | 62,806 0 1  | 12,232 13 8                        | 75,038 13 9           |
| Flood Protection Districts ..   | 8,569 3 8           | ..                         | 8,569 3 8                     | 8,393 0 8   | ..                                 | 8,393 0 8             |
| Drainage Districts .. ..  | 23,247 18 4         | ..                         | 23,247 18 4                   | 47,233 18 2   | 2,335 2 8                          | 49,569 0 10           |
| <b>Total—Commission's Districts</b>   | <b>735,954 5 11</b> | <b>..</b>                  | <b>735,954 5 11</b>           | <b>840,310 8 6</b>  | <b>20,021 10 8</b>                 | <b>860,331 19 2*</b>  |
| <b>Other works and services, (not directly apportionable to Districts)—</b>   |                     |                            |                               |   |                                    |                       |
| <b>Free Headworks—</b>  |                     |                            |                               |   |                                    |                       |
| Broken River Works .. ..  | ..                  | ..                         | ..                            | 5 12 0  | 424 18 2                           | 430 10 2              |
| Goulburn River Works .. ..  | 826 7 2             | ..                         | 826 7 2                       | 5,466 15 5  | ..                                 | 5,466 15 5            |
| Kerang North-West Lakes Works .. ..   | 1,011 18 2          | ..                         | 1,011 18 2                    | 451 12 7  | ..                                 | 451 12 7              |
| Kow Swamp Works .. ..   | 3,114 0 3           | ..                         | 3,114 0 3                     | 2,707 6 8   | ..                                 | 2,707 6 8             |
| Lake Lonsdale Reservoir .. ..   | 319 6 8             | ..                         | 319 6 8                       | ..  | ..                                 | ..                    |
| Loddon River Works .. ..  | 365 15 7            | ..                         | 365 15 7                      | 757 17 4  | ..                                 | 757 17 4              |
| <b>Total—Free Headworks ..</b>  | <b>5,637 7 10</b>   | <b>..</b>                  | <b>5,637 7 10</b>             | <b>9,389 4 0</b>  | <b>424 18 2</b>                    | <b>9,814 2 2</b>      |
| <b>River Murray Commission—</b>   |                     |                            |                               |   |                                    |                       |
| State Contribution towards River Murray Works .. ..   | ..                  | ..                         | ..                            | 14,900 0 0  | ..                                 | 14,900 0 0            |
| Special Appropriation—Act No. 3801, Sections 19 and 20 ..   | ..                  | ..                         | ..                            | (a)3,874 13 2   | ..                                 | 3,874 13 2            |
| Administration in respect of expenditure from other funds (including Salaries, Pay Roll Tax, &c.) ..  | 158,965 6 1         | ..                         | 158,965 6 1                   | 129,858 0 10  | ..                                 | 129,858 0 10          |
| Exceptional—Assistance to Sewerage Authorities, Trusts, &c. ..  | ..                  | ..                         | ..                            | 27,829 2 5  | ..                                 | 27,829 2 5            |
| Miscellaneous Expenditure and Services .. ..  | ..                  | ..                         | ..                            | 42,108 6 1  | ..                                 | 42,108 6 1            |
| Miscellaneous Collections—  |                     |                            |                               |   |                                    |                       |
| Diversion Permits, Rents, &c. ..  | 18,790 3 8          | ..                         | 18,790 3 8                    | ..  | ..                                 | ..                    |
| <b>Total .. ..</b>  | <b>177,755 9 9</b>  | <b>..</b>                  | <b>177,755 9 9</b>            | <b>(a)3,874 13 2</b><br><b>214,695 9 4</b>                                  | <b>..</b>                          | <b>218,570 2 6</b>    |
| <b>Total—Other Works and Services .. ..</b>   | <b>183,392 17 7</b> | <b>..</b>                  | <b>183,392 17 7</b>           | <b>(a)3,874 13 2</b><br><b>224,084 13 4</b>                                 | <b>424 18 2</b>                    | <b>228,384 4 8</b>    |
| <b>Grand Totals .. ..</b>   | <b>919,347 3 6</b>  | <b>..</b>                  | <b>919,347 3 6</b>            | <b>1,068,269 15 0</b>   | <b>20,446 8 10</b>                 | <b>1,088,716 3 10</b> |
| * Total of Operating Costs on pages 79 and 80 includes £6,000 Depreciation on Buildings.  |                     |                            |                               |   |                                    |                       |
| Total Disbursements from Votes, Special Appropriation, and Surplus Revenue ..   | £ s. d.             | £ s. d.                    | £ s. d.                       | £ s. d.   | £ s. d.                            | £ s. d.               |
| Net Receipts paid to Consolidated Revenue .. ..   | ..                  | ..                         | ..                            | ..  | 919,347 3 6                        | 1,088,716 3 10        |
| Grants from Revenue—  |                     |                            |                               |   |                                    |                       |
| Surplus Revenue .. ..   | ..                  | ..                         | ..                            | 20,446 8 10   |                                    |                       |
| To Assist Sewerage Authorities .. ..  | ..                  | ..                         | ..                            | 27,243 5 5  |                                    |                       |
|   |                     |                            |                               |   | 47,689 14 3                        | 967,036 17 9          |
| Deficiency from Commission's Operations .. ..   | ..                  | ..                         | ..                            | ..  | ..                                 | 121,679 6 1           |
| Less Surplus from other debits and credits .. ..  | ..                  | ..                         | ..                            | ..  | ..                                 | 53,724 16 1           |
| Deficiency chargeable to State exclusive of Interest, Exchange, and Loan Conversion Expenses (page 60) ..   | ..                  | ..                         | ..                            | ..  | ..                                 | 67,954 10 0           |
| NOTE.—No transfer from Revenue to Depreciation Fund was made in respect of the year 1946–47. In 1945–46 the amount transferred was £48,000.   |                     |                            |                               |   |                                    |                       |
| Services of a National Character. For details see Analysis of Expenditure Borne by the State (page 61) ..   | ..                  | ..                         | ..                            | ..  | ..                                 | 228,384 4 8           |
| Pensions and Gratuities—Amount debited by Treasury not included in above statement .. ..  | ..                  | ..                         | ..                            | ..  | ..                                 | 13,402 11 10          |
|   |                     |                            |                               |   |                                    | 241,786 16 6          |
| Against the foregoing Expenditure there may be set off Revenue from sources other than from the Commission's Districts. For details see Analysis of Expenditure Borne by the State (page 61) .. | ..                  | ..                         | ..                            | ..  | ..                                 | 211,061 1 2           |
| Net Cost to the State for Services of a National Character .. ..  | ..                  | ..                         | ..                            | ..  | ..                                 | 30,725 15 4           |

COLIBAN SYSTEM.

CASH ACCOUNT.

STATEMENTS of Moneys received and disbursed from 1st July, 1905, to 30th June, 1947; also of Interest charged at the rates of 3·508 per cent. on Capital Debts as at 30th June, 1943, and 3 per cent. on Capital Debts subsequent to 30th June, 1943, and of Depreciation and Redemption charged for Financial Year 1946-47.

| District.   | Receipts.                                     |   | Expenditure.                |             |               |         |              |                | Total<br>1905 to<br>30th June,<br>1947. | Excess<br>Receipts<br>over<br>Expenditure,<br>1946-47. | Excess<br>Expenditure<br>over<br>Receipts,<br>1946-47. | Accumulated—  |  |   |
|---|---|---|-----------------------------|-------------|---------------|---------|--------------|----------------|---|--|--|---|--|---|
|   | Receipts<br>year ended<br>30th June,<br>1947. | Total<br>1905 to<br>30th June,<br>1947. | Year ended 30th June, 1947. |             |               |         | Redemption.  | Total.         |   |  |  | Surplus<br>Credited to<br>District<br>Account at<br>30th June,<br>1947. | Deficiency<br>Chargeable to<br>District<br>Account at<br>30th June,<br>1947. | Deficiency<br>Chargeable to<br>State<br>Account at<br>30th June, 1947<br>(Inclusive of<br>Column 11). |
|   |   |   | Operating<br>Costs.         | Interest.   | Depreciation. |         |              |                |   |  |  |   |  |   |
| 1.  | 2.  | 3.                                      | 4.                          | 5.          | 6.            | 7.      | 8.           | 9.             | 10.                                     | 11.  | 12.  | 13.   | 14.  |   |
|   | £ s. d.                                       | £ s. d.                                 | £ s. d.                     | £ s. d.     | £ s. d.       | £ s. d. | £ s. d.      | £ s. d.        | £ s. d.                                 | £ s. d.  | £ s. d.  | £ s. d.   | £ s. d.  |   |
| 1. Harcourt ..  | 2,233 15 11                                   | 48,805 7 0                              | 1,814 14 6                  | ..          | 25 0 0        | ..      | 1,839 14 6   | 49,945 7 11    | 394 1 5                                 | ..   | ..   | 1,140 0 11  | ..   |   |
| Totals ..   | 2,233 15 11                                   | 48,805 7 0                              | 1,814 14 6                  | ..          | 25 0 0        | ..      | 1,839 14 6   | 49,945 7 11    | 394 1 5                                 | ..   | ..   | 1,140 0 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 8th November, 1943, 18th December, 1944, and 26th February, 1946, respectively, under the provisions of Section 6, <i>Water Act</i> 1937, No. 4513.) |   |   |                             |             |               |         |              |                |   |  |  |   |  |   |
| 2. Axe Creek ..   | 502 16 7                                      | 11,154 7 1                              | 426 15 1                    | ..          | ..            | ..      | 426 15 1     | 12,364 3 11    | 76 1 6                                  | ..   | ..   | 983 8 1   | 226 8 9  |   |
| 3. Coliban ..   | 51,133 12 10                                  | 1,730,972 14 10                         | 47,244 14 7                 | 10,280 4 2  | 17,588 15 3   | ..      | 75,113 14 0  | 2,631,556 7 4  | ..                                      | 23,980 1 2   | ..   | 13,729 8 9  | 877,854 3 9  |   |
| 4. Marong ..  | 114 12 2                                      | 3,004 5 2                               | 135 12 2                    | 0 15 7      | 39 0 0        | ..      | 175 7 9      | 3,355 12 1     | ..                                      | 60 15 7  | ..   | 210 8 10  | 140 18 1   |   |
| Totals ..   | 51,751 1 7                                    | 1,754,131 7 1                           | 47,807 1 10                 | 10,280 19 9 | 17,627 15 3   | ..      | 75,715 16 10 | 2,647,276 3 4  | 76 1 6                                  | 24,040 16 9  | ..   | 14,923 5 8  | 878,221 10 7   |   |
| Grand Totals ..   | 53,984 17 6                                   | 1,802,936 14 1                          | 49,621 16 4                 | 10,280 19 9 | 17,652 15 3   | ..      | 77,555 11 4  | 2,697,221 11 3 | 470 2 11                                | 24,040 16 9  | ..   | 16,063 6 7  | 878,221 10 7   |   |

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

COLIBAN SYSTEM.

PROFIT AND LOSS ACCOUNT FOR FINANCIAL YEAR 1946-47.

STATEMENT of Revenue Assessment (inclusive of Rates, Water Sales, Interest, and Miscellaneous) and Expenditure, 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 1946-47. (A) Loss. (B) Gain. | Interest and Other Losses prior to 30th June, 1938, Borne by State (Act No. 5017). | Loss since 30th June, 1938. | Gain as at 30th June, 1947. |
| 1. Harcourt  | £ s. d.<br>2,208 15 1 | £ s. d.<br>1,814 14 6 | £ s. d.<br>.. | £ s. d.<br>25 0 0 | £ s. d.<br>.. | £ s. d.<br>..        | £ s. d.<br>1,839 14 6 | £ s. d.<br>369 0 7                  | £ s. d.<br>..                       | £ s. d.<br>..                               | £ s. d.<br>..  | £ s. d.<br>..  | £ s. d.<br>1,115 8 9        | £ s. d.<br>..               |
| Total ..   | 2,208 15 1            | 1,814 14 6            | ..            | 25 0 0            | ..            | ..                   | 1,839 14 6            | 369 0 7                             | ..                                  | ..  | ..   | ..   | 1,115 8 9                   | ..                          |
| The Districts set out hereunder are those whose works will not produce sufficient revenue to cover the expense of maintenance and management thereof, and where water supplies are being continued by direction of the Governor in Council. The annual amount of loss resulting from the maintenance and management of these districts has been transferred to the "Revenue Expenditure Chargeable to the State Account". (By authority of Orders in Council, dated 8th November, 1943, 18th December, 1944, and 26th February, 1946, respectively, under the provisions of Section 6, <i>Water Act</i> 1937, No. 4513.) |                       |                       |               |                   |               |                      |                       |                                     |                                     |   |  |  |                             |                             |
| 2. Axe Creek   | .. .. 514 0 0         | 426 15 1              | .. ..         | .. ..             | .. ..         | .. ..                | 426 15 1              | 87 4 11                             | .. ..                               | .. ..                                       | .. ..  | .. ..  | 1,188 14 4                  | .. ..                       |
| 3. Coliban ..  | .. .. 52,909 9 7      | 47,244 14 7           | 10,280 4 2    | 7,691 0 0         | 733 0 0       | .. ..                | 65,948 18 9           | .. ..                               | 13,039 9 2                          | 136 3 8                                     | (A) 3 17 2   | 828,373 18 10  | 63,409 10 9                 | .. ..                       |
| 4. Marong ..   | .. .. 105 9 1         | 135 12 2              | 0 15 7        | 39 0 0            | 0 1 10        | .. ..                | 175 9 7               | .. ..                               | 70 0 6                              | .. ..                                       | .. ..  | .. ..  | 298 7 7                     | .. ..                       |
| Totals ..  | .. .. 53,528 18 8     | 47,807 1 10           | 10,280 19 9   | 7,730 0 0         | 733 1 10      | .. ..                | 66,551 3 5            | 87 4 11                             | 13,109 9 8                          | 136 3 8                                     | (A) 3 17 2   | 828,373 18 10  | 64,806 12 8                 | .. ..                       |
| Grand Totals ..  | .. .. 55,737 13 9     | 49,621 16 4           | 10,280 19 9   | 7,755 0 0         | 733 1 10      | .. ..                | 68,390 17 11          | 456 5 6                             | 13,109 9 8                          | 136 3 8                                     | (A) 3 17 2   | 828,373 18 10  | 66,012 1 5                  | .. ..                       |

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

IRRIGATION AND WATER SUPPLY DISTRICTS.

CASH ACCOUNT.

STATEMENT of Moneys received and disbursed from 1st May, 1906, to 30th June, 1947; also of Depreciation charged for Financial Year 1946-47 (Free Headworks excluded).

| Districts.              | Receipts.                              |                                |           | Expenditure.                |         |       |        |     |       |        | Excess Receipts over Expenditure, 1946-47. | Excess Expenditure over Receipts, 1946-47. | Accumulated.   |   |  |       |        |        |         |      |
|-------------------------|--|--------------------------------|-----------|-----------------------------|---------|-------|--------|-----|-------|--------|--|--|--|---|--|-------|--------|--------|---------|------|
|                         | Receipts, Year ended, 30th June, 1947. | Total 1906 to 30th June, 1947. |           | Year ended 30th June, 1947. |         |       | Total. |     |       |        |  |  | Surplus credited to District Account at 30th June, 1947. | Deficiency chargeable to District Account at 30th June, 1947. | Deficiency chargeable to State Account 30th June, 1947 (Inclusive of column 10.) |       |        |        |         |      |
|                         |  | 2.                             | 3.        | 4.                          | 5.      | 6.    | 7.     | 8.  | 9.    | 10.    |  |  |  |   |  | 11.   | 12.    | 13.    |         |      |
|                         |  |                                |           |                             |         |       |        |     |       |        |  |  |  |   |  |       |        |        |         |      |
| 1.                      | £                                      | s.                             | d.        | £                           | s.      | d.    | £      | s.  | d.    | £      | s.   | d.   | £  | s.  | d.   | £     | s.     | d.     |         |      |
| 1. Bacchus Marsh ..     | 6,259                                  | 2 10                           | 180,507   | 6 3                         | 5,278   | 14 8  | ..     | 18  | 0 0   | 5,296  | 14 8                                       | 211,747                                    | 1 0  | 962   | 8 2  | ..    | 10,069 | 6 6    |         |      |
| 2. Boort ..             | 7,705                                  | 18 0                           | 164,110   | 17 8                        | 11,602  | 0 2   | ..     | 27  | 0 0   | 11,629 | 0 2  | 179,083                                    | 10 2   | ..  | ..   | ..    | 13,351 | 17 3   |         |      |
| 3. Calivil ..           | 5,331                                  | 9 0                            | 64,936    | 13 10                       | 3,109   | 11 1  | ..     | 13  | 0 0   | 3,122  | 11 1                                       | 75,292                                     | 13 3   | 2,208   | 17 11  | ..    | 9,579  | 9 9    |         |      |
| 4. Campaspe ..          | 891                                    | 6 2                            | 30,919    | 15 2                        | 611     | 14 5  | ..     | ..  | ..    | 611    | 14 5                                       | 32,966                                     | 14 6   | 279   | 11 9   | ..    | 1,648  | 7 6    |         |      |
| 5. Cohuna ..            | 22,295                                 | 6 10                           | 647,496   | 19 10                       | 16,008  | 16 10 | 3,689  | 0 0 | ..    | 19,697 | 16 10                                      | 635,307                                    | 9 11   | 2,597   | 10 0   | ..    | 26,810 | 13 1   |         |      |
| 6. Deakin ..            | 6,025                                  | 6 9                            | 179,810   | 3 8                         | 5,560   | 15 0  | ..     | ..  | ..    | 5,560  | 15 0                                       | 173,538                                    | 2 1  | 464   | 11 9   | ..    | 8,449  | 6 3    |         |      |
| 7. Dingee ..            | 2,421                                  | 8 1                            | 61,930    | 11 4                        | 1,535   | 13 5  | ..     | 10  | 0 0   | 1,545  | 13 5                                       | 64,107                                     | 7 6  | 875   | 14 8   | ..    | 2,589  | 15 3   |         |      |
| 8. Katandra ..          | 4,238                                  | 12 6                           | 47,665    | 8 10                        | 2,615   | 4 6   | 641    | 0 0 | 12    | 0 0    | 3,268                                      | 4 6  | 71,496   | 6 6   | 970  | 8 0   | ..     | 3,978  | 16 3    |      |
| 9. Kerang ..            | 11,035                                 | 6 3                            | 264,305   | 11 8                        | 9,127   | 17 0  | 1,434  | 0 0 | ..    | 10,561 | 17 0                                       | 260,070                                    | 2 0  | 473   | 9 3  | ..    | 7,814  | 18 5   |         |      |
| 10. Koondrook ..        | 11,730                                 | 6 2                            | 343,026   | 7 7                         | 9,856   | 0 1   | ..     | ..  | ..    | 9,856  | 0 1  | 696,142                                    | 0 8  | 1,874   | 6 1  | ..    | ..     | ..     |         |      |
| 11. Maffra-Sale ..      | 18,114                                 | 3 7                            | 271,453   | 13 0                        | 16,705  | 8 5   | 2,839  | 0 0 | 130   | 0 0    | 19,674                                     | 8 5  | 263,346  | 0 0   | ..   | 1,560 | 4 10   |        |         |      |
| 12. Murray Valley ..    | 16,894                                 | 3 1                            | 78,381    | 5 0                         | 13,726  | 5 8   | ..     | ..  | ..    | 13,726 | 5 8  | 67,481                                     | 13 6   | 3,167   | 17 5   | ..    | 11,820 | 14 5   |         |      |
| 13. Mystic Park ..      | 1,104                                  | 2 6                            | 27,404    | 3 9                         | 2,122   | 8 2   | ..     | ..  | ..    | 2,122  | 8 2  | 36,148                                     | 4 7  | ..  | ..   | ..    | 10,899 | 11 6   |         |      |
| 14. North Shepparton .. | 9,083                                  | 7 0                            | 107,272   | 17 9                        | 6,456   | 3 2   | ..     | 26  | 0 0   | 6,482  | 3 2  | 143,149                                    | 11 4   | 2,601   | 3 10   | ..    | 6,631  | 4 2    |         |      |
| 15. Rochester ..        | 29,396                                 | 3 3                            | 664,718   | 7 2                         | 18,433  | 5 6   | 4,310  | 0 0 | 117   | 0 0    | 22,800                                     | 5 6  | 81,567   | 7 6   | 6,535  | 17 9  | ..     | 6,706  | 5 8     |      |
| 16. Rodney ..           | 34,340                                 | 19 3                           | 1,013,768 | 12 2                        | 32,501  | 13 2  | 913    | 0 0 | 128   | 0 0    | 33,542                                     | 13 2                                       | 1,093,314  | 19 0  | 798  | 6 1   | ..     | 17,134 | 19 5    |      |
| 17. Shepparton ..       | 10,025                                 | 11 11                          | 259,165   | 0 9                         | 8,502   | 8 3   | 1,602  | 0 0 | 47    | 0 0    | 10,151                                     | 8 3  | 325,548  | 0 5   | ..   | 125   | 16 4   | 6,288  | 4 6     |      |
| 18. South Shepparton .. | 2,734                                  | 1 5                            | 53,724    | 10 3                        | 2,570   | 8 3   | ..     | 10  | 0 0   | 2,580  | 8 3  | 356,742                                    | 18 7   | 153   | 13 2   | ..    | 5,647  | 10 8   |         |      |
| 19. Swan Hill ..        | 11,014                                 | 3 3                            | 316,945   | 13 10                       | 16,135  | 7 6   | ..     | 340 | 0 0   | 16,475 | 7 6  | 335,297                                    | 3 8  | ..  | ..   | ..    | 282    | 11 7   |         |      |
| 20. Third Lake ..       | 1,147                                  | 17 3                           | 22,273    | 7 1                         | 1,311   | 15 1  | ..     | ..  | ..    | 1,311  | 15 1                                       | 25,663                                     | 3 10   | 163   | 17 10  | ..    | 950    | 14 7   |         |      |
| 21. Tongala-Stanhope .. | 23,928                                 | 16 10                          | 460,416   | 18 4                        | 13,330  | 12 0  | 3,604  | 0 0 | 106   | 0 0    | 17,040                                     | 12 0                                       | 526,127  | 9 7   | 6,888  | 4 10  | ..     | 7,470  | 6 3     |      |
| 22. Tragowel Plains ..  | 18,447                                 | 16 9                           | 483,358   | 18 2                        | 18,242  | 13 1  | ..     | ..  | 69    | 0 0    | 18,311                                     | 13 1                                       | 532,404  | 5 8   | 136  | 3 8   | ..     | ..     | ..      |      |
| 23. Werribee ..         | 8,112                                  | 4 2                            | 198,584   | 17 11                       | 5,401   | 8 10  | 259    | 0 0 | 82    | 0 0    | 5,742                                      | 8 10                                       | 227,569  | 19 0  | 2,369  | 15 4  | ..     | ..     | ..      |      |
| Totals ..               | 262,277                                | 12 10                          | 5,942,178 | 1 0                         | 220,746 | 4 3   | 19,291 | 0 0 | 1,135 | 0 0    | 241,172                                    | 4 3  | 6,414,112  | 4 3   | 33,357   | 19 8  | 12,252 | 11 1   | 121,191 | 8 3  |
|                         |  |                                |           |                             |         |       |        |     |       |        |  |  |  |   |  |       | 69,768 | 12 0   | 523,356 | 19 6 |

IRRIGATION AND WATER SUPPLY DISTRICTS—continued.

CASH ACCOUNT—continued.

STATEMENT of Moneys received and disbursed from 1st May, 1906, to 30th June, 1947; also of Depreciation charged for Financial Year 1946-47 (Free Headworks excluded)—continued.

| District.      | Receipts.                                  |                                      |                | Expenditure.                |   |               |               |                                      |              | ACCUMULATED.  |   |  |   |   |
|----------------|--|--------------------------------------|----------------|-----------------------------|---|---------------|---------------|--------------------------------------|--------------|---|---|--|---|---|
|                | Receipts<br>Year ended<br>30th June, 1947. | Total 1906<br>to 30th June,<br>1947. | £ s. d.        | Year ended 30th June, 1947. |   |               |               |                                      |              | Excess<br>Receipts<br>over<br>Expenditure<br>1946-47. | Excess<br>Expenditure<br>over<br>Receipts<br>1946-47. | Surplus<br>credited to<br>District<br>Account at<br>30th June, 1947. | Deficiency<br>chargeable to<br>District<br>Account at<br>30th June, 1947. | Deficiency<br>chargeable to<br>State Account,<br>30th June, 1947.<br>(Inclusive of<br>column 10.) |
|                |  |                                      |                | Operating<br>Costs.         | Contribution<br>to Drainage<br>Districts. | Depreciation. | Total.        | Total 1906<br>to 30th June,<br>1947. | £ s. d.      |   |   |  |   |   |
|                |  |                                      |                |                             |   |               |               |                                      |              |   |   |  |   |   |
| 1.             | 2.   | 3.                                   | £ s. d.        | £ s. d.                     | £ s. d.                                   | £ s. d.       | £ s. d.       | £ s. d.                              | £ s. d.      | £ s. d.   | £ s. d.   | £ s. d.  | £ s. d.   | £ s. d.   |
|                |  |                                      |                | 5.                          | 6.  | 7.            | 8.            | 9.                                   | 10.          | 11.   | 12.   | 13.  |   |   |
| 24. Fish Point | 862 9 1                                    | 16,626 7 8                           | £ 1,030 14 6   | ..                          | ..  | 1,030 14 6    | 21,097 15 1   | ..                                   | 168 5 5      | ..  | 654 5 10  | 3,817 1 7  |   |   |
| 25. Merbein    | 26,069 11 11                               | 771,044 13 0                         | £ 26,455 1 10  | ..                          | 12,616 5 1                                | 39,071 6 11   | 864,059 14 10 | ..                                   | 12,401 15 0  | ..  | 18,888 18 10  | 74,126 3 0   |   |   |
| 26. Nyah       | 9,000 13 7                                 | 242,789 16 6                         | £ 11,241 19 4  | ..                          | 672 0 0                                   | 11,913 19 4   | 292,164 4 0   | ..                                   | 2,913 5 9    | ..  | 11,264 15 0   | 38,109 12 6  |   |   |
| 27. Red Cliffs | 45,376 13 11                               | 915,721 2 1                          | £ 36,197 14 5  | ..                          | 13,750 14 11                              | 49,948 9 4    | 971,453 0 3   | ..                                   | 4,571 15 5   | ..  | 27,894 4 8  | 27,887 13 6  |   |   |
| 28. Treaco     | 2,846 12 7                                 | 54,822 11 7                          | £ 6,499 9 10   | ..                          | 2,919 0 0                                 | 9,418 9 10    | 145,350 11 1  | ..                                   | 6,571 17 3   | ..  | 46 8 9  | 90,481 10 9  |   |   |
| Totals         | 84,756 1 1                                 | 2,001,004 10 10                      | £ 81,424 19 11 | ..                          | 29,958 0 0                                | 111,382 19 11 | 2,294,125 5 3 | ..                                   | 26,626 18 10 | ..  | 58,748 13 1   | 234,372 1 4  |   |   |
| Grand Totals   | 347,033 13 11                              | 7,943,182 11 10                      | £ 302,171 4 2  | 19,291 0 0                  | 31,093 0 0                                | 352,555 4 2   | 8,708,287 9 6 | 33,357 19 8                          | 38,879 9 11  | 121,191 8 3   | 128,517 5 1   | 757,729 0 10   |   |   |

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

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.)

IRRIGATION AND WATER SUPPLY DISTRICTS.

PROFIT AND LOSS ACCOUNT FOR FINANCIAL YEAR 1946-47.  
STATEMENT of Revenue Assessment (inclusive of Rate, Charge, Water Sales, Interest, Miscellaneous and Credits for Urban Water), and Expenditure and Depreciation Charged and Amounts Written Off.

| District.  | Expenditure.        |                  |               |                                     | Profit and Loss.     |              |             |                                     |                                     |   |  |              |  |              | Loss since 30th June, 1938. | Gain as at 30th June, 1947. |    |
|--|---------------------|------------------|---------------|-------------------------------------|----------------------|--------------|-------------|-------------------------------------|-------------------------------------|---|--|--------------|--|--------------|-----------------------------|-----------------------------|----|
|  | Revenue Assessment. | Operating Costs. | Depreciation. | Contribution to Drainage Districts. | Amounts Written Off. |              | Total.      | Excess Assessment over Expenditure. | Excess Expenditure over Assessment. | Revenue Due for previous Years Written Off. | Adjustments to Revenue for Years prior to 1946-47. |              | Interest and Other Losses Prior to 30th June, 1938 Borne by State. (Act No. 5017). |              |                             |                             |    |
|  |                     |                  |               |                                     | £                    | s.           |             |                                     |                                     |   | d.   | £            |  | s.           |                             |                             | d. |
| 1. Bacchus Marsh   | 6,430 19 6          | 5,278 14 8       | 18 0 0        | ..                                  | ..                   | 5,296 14 8   | 1,184 4 10  | 4,203 13 4                          | 6 0 0                               | 10 2 2                                      | ..   | 21,170 8 3   | 3 7 6  | 21,170 8 3   | 9,807 17 7                  | ..                          | .. |
| 2. Boort   | 7,425 6 10          | 11,602 0 2       | 27 0 0        | ..                                  | 0 1 2                | 11,629 0 2   | 1,679 15 7  | ..                                  | 0 17 7                              | ..  | ..   | 1,620 15 3   | ..   | 1,620 15 3   | 10,345 14 7                 | ..                          | .. |
| 3. Calivil   | 4,802 7 10          | 3,109 11 5       | 13 0 0        | ..                                  | ..                   | 3,122 12 3   | 280 9 9     | ..                                  | ..                                  | ..  | ..   | 19,935 0 2   | ..   | 19,935 0 2   | ..                          | ..                          | .. |
| 4. Carnarpe  | 892 4 2             | 611 14 5         | ..            | ..                                  | ..                   | 611 14 5     | 2,805 3 2   | ..                                  | ..                                  | ..  | ..   | 3,695 6 10   | ..   | 3,695 6 10   | ..                          | ..                          | .. |
| 5. Colurna   | 22,528 12 5         | 16,008 16 10     | ..            | 3,689 0 0                           | 25 12 5              | 19,723 9 3   | 2,805 3 2   | ..                                  | 31 9 11                             | ..  | ..   | 14,621 3 2   | ..   | 14,621 3 2   | ..                          | ..                          | .. |
| 6. Deakin  | 5,581 15 9          | 5,590 15 0       | ..            | ..                                  | 4 16 4               | 5,565 11 4   | 16 4 5      | ..                                  | 138 19 0                            | ..  | ..   | 2,177 4 8    | ..   | 2,177 4 8    | ..                          | ..                          | .. |
| 7. Dingee  | 2,235 0 11          | 1,535 13 5       | 10 0 0        | ..                                  | 4 13 8               | 1,550 7 1    | 684 13 10   | ..                                  | ..                                  | ..  | ..   | 4,766 11 5   | ..   | 4,766 11 5   | ..                          | ..                          | .. |
| 8. Kallandra   | 3,684 10 7          | 2,615 4 6        | 12 0 0        | ..                                  | 24 0 0               | 3,292 4 6    | 392 6 1     | ..                                  | ..                                  | ..  | ..   | 27,809 13 11 | ..   | 27,809 13 11 | ..                          | ..                          | .. |
| 9. Kerang  | 11,108 1 7          | 9,127 17 0       | ..            | 641 0 0                             | 52 11 0              | 9,908 11 1   | 546 4 7     | ..                                  | 46 15 7                             | ..  | ..   | 3,579 8 9    | ..   | 3,579 8 9    | ..                          | ..                          | .. |
| 10. Koondrook  | 11,767 0 5          | 9,856 0 1        | ..            | 1,434 0 0                           | 58 0 0               | 10,561 17 0  | 1,261 9 4   | ..                                  | 8 6 6                               | ..  | ..   | 52,221 12 1  | ..   | 52,221 12 1  | ..                          | ..                          | .. |
| 11. Madra-Sale   | 17,767 1 0          | 16,705 8 5       | 130 0 0       | 2,839 0 0                           | 389 11 3             | 19,732 16 5  | 4,923 8 1   | ..                                  | 2 17 3                              | ..  | ..   | 3,713 1 5    | ..   | 3,713 1 5    | ..                          | ..                          | .. |
| 12. Murrumbidgee   | 19,089 5 0          | 13,726 5 8       | ..            | ..                                  | ..                   | 14,115 16 11 | ..          | ..                                  | ..                                  | ..  | ..   | ..           | ..   | ..           | ..                          | ..                          | .. |
| 13. Mystic Park  | 1,104 12 4          | 2,122 8 2        | ..            | ..                                  | 0 7 0                | 2,122 8 2    | 2,025 19 10 | ..                                  | 1,017 15 10                         | ..  | ..   | ..           | ..   | ..           | ..                          | ..                          | .. |
| 14. North Shepparton   | 8,508 10 0          | 6,456 3 2        | 26 0 0        | ..                                  | 0 7 0                | 6,482 10 2   | 2,025 19 10 | ..                                  | ..                                  | ..  | ..   | 42,582 19 3  | ..   | 42,582 19 3  | ..                          | ..                          | .. |
| 15. Rochester  | 29,809 12 2         | 18,433 5 6       | 117 0 0       | 4,310 0 0                           | 5 0 0                | 22,860 5 6   | 6,049 6 8   | ..                                  | 295 2 1                             | ..  | ..   | 33,983 19 9  | ..   | 33,983 19 9  | ..                          | ..                          | .. |
| 16. Rodney   | 36,129 19 0         | 32,501 13 2      | 128 0 0       | 913 0 0                             | 3 18 0               | 33,547 13 2  | 2,582 5 10  | ..                                  | 20 15 10                            | ..  | ..   | 85,834 11 4  | ..   | 85,834 11 4  | ..                          | ..                          | .. |
| 17. Shepparton   | 9,731 12 8          | 8,502 8 3        | 47 0 0        | 1,602 0 0                           | ..                   | 10,155 6 3   | ..          | 423 13 7                            | 21 7 4                              | ..  | ..   | 60,735 9 0   | ..   | 60,735 9 0   | ..                          | ..                          | .. |
| 18. South Shepparton   | 2,482 7 0           | 2,570 8 3        | 10 0 0        | ..                                  | ..                   | 2,580 8 3    | ..          | 98 1 3                              | ..                                  | ..  | ..   | 2,735 16 9   | ..   | 2,735 16 9   | ..                          | ..                          | .. |
| 19. Swan Hill  | 11,856 10 6         | 16,135 7 6       | 340 0 0       | ..                                  | 9 1 0                | 16,484 8 6   | ..          | 4,627 18 0                          | ..                                  | ..  | ..   | 6,236 10 6   | ..   | 6,236 10 6   | ..                          | ..                          | .. |
| 20. Third Lake   | 986 1 11            | 1,311 15 1       | ..            | ..                                  | 1 19 0               | 1,313 14 1   | ..          | 327 12 2                            | ..                                  | ..  | ..   | 2,439 2 2    | ..   | 2,439 2 2    | ..                          | ..                          | .. |
| 21. Tongala-Stanhope   | 21,607 9 1          | 13,330 12 0      | 106 0 0       | 3,604 0 0                           | 119 7 3              | 17,159 19 3  | 4,447 9 10  | ..                                  | 6 10 3                              | ..  | ..   | 73,180 17 6  | ..   | 73,180 17 6  | ..                          | ..                          | .. |
| 22. Tragowel Plains  | 17,608 13 11        | 18,242 13 1      | 69 0 0        | ..                                  | 1 3 7                | 18,312 16 8  | ..          | 704 2 9                             | 126 15 2                            | ..  | ..   | 42,772 7 8   | ..   | 42,772 7 8   | ..                          | ..                          | .. |
| 23. Werribee   | 8,333 5 0           | 5,401 8 10       | 82 0 0        | 259 0 0                             | 1 7 0                | 5,743 15 10  | 2,589 9 2   | ..                                  | ..                                  | ..  | ..   | 15,431 14 0  | ..   | 15,431 14 0  | ..                          | ..                          | .. |
| Totals   | 260,873 19 7        | 220,746 4 3      | 1,135 0 0     | 19,291 0 0                          | 701 16 8             | 241,874 0 11 | 32,368 11 0 | 13,368 12 4                         | 1,012 15 6                          | ..  | ..   | 523,356 19 6 | { (A) 17 6 9 }<br>{ (B) 75 12 4 }  | 523,356 19 6 | 49,776 6 4                  | 217,914 17 7                | 7  |
| The Districts set out hereunder are those whose works will not produce sufficient revenue to cover the expense of maintenance and management thereof, and where water supplies are being continued by direction of the Governor in Council. The annual amount of loss resulting from the maintenance and management of these districts has been transferred to the "Revenue Expenditure Chargeable to the State Account". (By authority of Orders in Council, dated 30th July, 1938, and 16th November, 1942, respectively, under the provisions of Section 6, <i>Water Act</i> 1937, No. 4513.) |                     |                  |               |                                     |                      |              |             |                                     |                                     |   |  |              |  |              |                             |                             |    |
| 24. Fish Point   | 683 0 2             | 1,030 14 6       | ..            | ..                                  | 6 3 11               | 1,036 18 5   | ..          | 353 18 3                            | ..                                  | ..  | ..   | 2,479 7 4    | ..   | 2,479 7 4    | ..                          | ..                          | .. |
| 25. Merbein  | 26,303 11 10        | 26,455 1 10      | 3,223 0 0     | ..                                  | 0 13 0               | 29,678 14 10 | ..          | 3,375 3 0                           | ..                                  | ..  | ..   | 35,437 11 8  | ..   | 35,437 11 8  | ..                          | ..                          | .. |
| 26. Nyah   | 8,640 6 6           | 11,241 19 4      | 672 0 0       | ..                                  | ..                   | 11,913 19 4  | ..          | 3,273 12 10                         | 6 15 0                              | ..  | ..   | 30,297 7 11  | ..   | 30,297 7 11  | ..                          | ..                          | .. |
| 27. Red Cliffs   | 43,615 8 9          | 36,197 14 5      | 8,929 0 0     | ..                                  | 17 8 2               | 45,144 2 7   | ..          | 1,528 13 10                         | ..                                  | ..  | ..   | 11,787 0 11  | { (A) 2 11 9 }<br>{ (B) 5 13 9 }   | 11,787 0 11  | 31,283 19 9                 | ..                          | .. |
| 28. Tresco   | 2,848 5 11          | 6,499 9 10       | 417 0 0       | ..                                  | ..                   | 6,916 9 10   | ..          | 4,068 3 11                          | ..                                  | ..  | ..   | 65,026 4 5   | ..   | 65,026 4 5   | 25,524 10 6                 | ..                          | .. |
| Totals   | 82,090 13 2         | 81,424 19 11     | 13,241 0 0    | ..                                  | 24 5 1               | 94,690 5 0   | ..          | 12,599 11 10                        | 6 15 0                              | ..  | ..   | 145,027 12 3 | { (A) 2 11 9 }<br>{ (B) 5 13 9 }   | 145,027 12 3 | 126,650 19 5                | ..                          | .. |
| Grand Totals..   | 342,964 12 9        | 302,171 4 2      | 14,376 0 0    | 19,291 0 0                          | 726 1 9              | 336,564 5 11 | 32,368 11 0 | 25,968 4 2                          | 1,019 10 6                          | ..  | ..   | 668,384 11 9 | { (A) 19 18 6 }<br>{ (B) 81 6 1 }  | 668,384 11 9 | 176,427 5 9                 | 217,914 17 7                | 7  |

The Districts set out hereunder are those whose works will not produce sufficient revenue to cover the expense of maintenance and management thereof, and where water supplies are being continued by direction of the Governor in Council. The annual amount of loss resulting from the maintenance and management of these districts has been transferred to the "Revenue Expenditure Chargeable to the State Account". (By authority of Orders in Council, dated 30th July, 1938, and 16th November, 1942, 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, 1947; also of Interest charged at the rates of 3·508 per cent. on Capital Debits as at 30th June, 1943, and 3 per cent. on Capital Debits subsequent to 30th June, 1943, and of Redemption and Depreciation Charged for Financial Year 1946-47.

| Division.  | Receipts.                                      |                                      |             | Expenditure.                |           |             |               |             |                                      | Accumulated.                                       |  |   |  |
|--|--|--------------------------------------|-------------|-----------------------------|-----------|-------------|---------------|-------------|--------------------------------------|--|--|---|--|
|  | Receipts.<br>year ended<br>30th June,<br>1947. | Total 1906<br>to 30th June,<br>1947. |             | Year ended 30th June, 1947. |           |             |               |             |                                      | Excess<br>Receipts over<br>Expenditure<br>1946-47. | Excess<br>Expenditure<br>over Receipts<br>1946-47. | Surplus<br>Credited to<br>District<br>Account at<br>30th June,<br>1947. | Deficiency<br>Chargeable<br>to District<br>Account at<br>30th June,<br>1947. |
|  |  | £                                    | s. d.       | Operating<br>Costs.         | Interest. | Redemption. | Depreciation. | Total.      | Total 1906<br>to 30th June,<br>1947. |  |  |   |  |
| 1.   | 2.   | 3.                                   | 4.          | 5.                          | 6.        | 7.          | 8.            | 9.          | 10.                                  | 11.  | 12.  | 13.   | 14.  |
| 1. Bacchus Marsh ..  | 2,209 19 6                                     | 58,883 8 10                          | 1,557 4 10  | 355 7 0                     | 51 13 5   | 126 0 0     | 2,090 5 3     | 58,498 6 10 | 119 14 3                             | ..   | 1,313 16 10  | ..  | 928 14 10  |
| 2. Cobuna ..   | 1,161 12 7                                     | 30,942 17 0                          | 831 8 7     | 112 0 9                     | 8 7 8     | 99 0 0      | 1,050 17 0    | 29,349 10 7 | 110 15 7                             | ..   | 1,593 6 5  | ..  | ..   |
| 3. Lockington ..   | 198 13 7                                       | 6,571 5 7                            | 179 0 2     | 4 4 7                       | ..        | 61 0 0      | 244 4 9       | 6,019 4 9   | ..                                   | 45 11 2  | 552 0 10   | ..  | ..   |
| 4. Red Cliffs ..   | 1,968 0 2                                      | 43,853 9 6                           | 2,031 15 11 | 55 15 4                     | ..        | 193 0 0     | 2,280 11 3    | 40,575 18 0 | ..                                   | 312 11 1   | 3,277 11 6   | ..  | ..   |
| Totals ..  | 5,538 5 10                                     | 140,251 0 11                         | 4,599 9 6   | 527 7 8                     | 60 1 1    | 479 0 0     | 5,665 18 3    | 134,443 0 2 | 230 9 10                             | 358 2 3  | 6,736 15 7   | ..  | 928 14 10  |
| The Divisions set out hereunder are those whose works will not produce sufficient revenue to cover the expense of the maintenance and management, thereof and where water supplies are being continued by direction of the Governor in Council. The annual amount of loss resulting from the maintenance and management of these divisions has been transferred to the "Revenue Expenditure Chargeable to the State Account". (By authority of Orders in Council, dated 30th July, 1936, and 18th December, 1944, respectively, under the provisions of Section 6, <i>Water Act</i> 1937, No. 4513.) |  |                                      |             |                             |           |             |               |             |                                      |  |  |   |  |
| 5. Corop ..  | 12 4 3   | 998 2 3                              | 25 10 1     | ..                          | ..        | 6 0 0       | 31 10 1       | 1,049 17 3  | ..                                   | 19 5 10  | 10 13 1  | ..  | 62 8 1   |
| 6. Dungee ..   | 134 3 4  | 1,907 0 5                            | 81 8 0      | ..                          | ..        | 28 0 0      | 109 8 0       | 2,308 9 5   | 24 15 4                              | ..   | ..   | 167 2 10  | 234 6 2  |
| 7. Heyfield ..   | 438 10 10                                      | 8,429 19 5                           | 610 16 3    | ..                          | ..        | 115 0 0     | 725 16 3      | 9,406 15 11 | ..                                   | 287 5 5  | ..   | ..  | 676 16 6   |
| 8. Leitchville ..  | 347 11 1                                       | 8,425 18 11                          | 416 8 0     | ..                          | ..        | 45 0 0      | 461 8 0       | 8,014 4 1   | ..                                   | 113 16 11  | 411 14 10  | ..  | ..   |
| 9. Murrabit ..   | 49 3 9   | 1,190 10 9                           | 110 11 6    | ..                          | ..        | 205 9 9     | 316 1 3       | 2,076 16 10 | ..                                   | 266 17 6   | ..   | 30 16 2   | 855 9 11   |
| 10. Stanhope ..  | 194 15 6                                       | 5,523 15 5                           | 198 7 7     | ..                          | ..        | 35 0 0      | 233 7 7       | 4,561 4 6   | ..                                   | 38 12 1  | 962 10 11  | ..  | ..   |
| Totals ..  | 1,176 8 9                                      | 26,475 7 2                           | 1,443 1 5   | ..                          | ..        | 434 9 9     | 1,877 11 2    | 27,417 8 0  | 24 15 4                              | 725 17 9   | 1,384 18 10  | 197 19 0  | 2,129 0 8  |
| Grand Totals ..  | 6,714 14 7                                     | 166,726 8 1                          | 6,042 10 11 | 527 7 8                     | 60 1 1    | 913 9 9     | 7,543 9 5     | 161,860 8 2 | 255 5 2                              | 1,084 0 0  | 8,121 14 5   | 197 19 0  | 3,057 15 6   |

URBAN DIVISIONS.

PROFIT AND LOSS ACCOUNT FOR FINANCIAL YEAR 1946-47.  
STATEMENT of Revenue Assessment (inclusive of Rate, Water Sales, Interest, and Miscellaneous), and Expenditure (inclusive of Debits for Rural Water) Interest, Depreciation, and Redemption charged, and Amounts Written Off.

| Division.  | Expenditure.          |                        |                    |                    |                    |                      | Profit and Loss.      |   |   |  |  |                             |                             |
|--|-----------------------|------------------------|--------------------|--------------------|--------------------|----------------------|-----------------------|---|---|--|--|-----------------------------|-----------------------------|
|  | Revenue Assessment.   | Operating Costs.       | Interest.          | Depreciation.      | Redemption.        | Amounts Written Off. | Total.                | Excess—<br>(Cr.) Assessment<br>(Dr.) Expenditure<br>for Year. | Revenue Due for Previous Years Written Off. | Adjustments to Revenue for Years Prior to 1946-47.<br>(A) Loss;<br>(B) Gain. | Interest and Other Losses Prior to 30th June, 1938, Borne by State.<br>(Act No. 5917.) | Loss since 30th June, 1938. | Gain as at 30th June, 1947. |
|  |                       |                        |                    |                    |                    |                      |                       |   |   |  |  |                             |                             |
| 1. Bacchus Marsh   | £ s. d.<br>2,221 2 7  | £ s. d.<br>1,557 4 10  | £ s. d.<br>355 7 0 | £ s. d.<br>126 0 0 | £ s. d.<br>25 16 8 | £ s. d.<br>..        | £ s. d.<br>2,064 8 6  | £ s. d.<br>(Cr.) 156 14 1                                     | £ s. d.<br>..                               | £ s. d.<br>(B) 12 12 0   | £ s. d.<br>928 14 10   | £ s. d.<br>..               | £ s. d.<br>1,545 15 1       |
| 2. Cohuna  | £ s. d.<br>1,132 8 3  | £ s. d.<br>831 8 7     | £ s. d.<br>112 0 9 | £ s. d.<br>99 0 0  | £ s. d.<br>8 7 8   | £ s. d.<br>..        | £ s. d.<br>1,050 17 0 | £ s. d.<br>(Cr.) 81 11 3                                      | £ s. d.<br>..                               | £ s. d.<br>..  | £ s. d.<br>..  | £ s. d.<br>..               | £ s. d.<br>1,794 7 3        |
| 3. Lockington  | £ s. d.<br>209 8 7    | £ s. d.<br>179 0 2     | £ s. d.<br>4 4 7   | £ s. d.<br>61 0 0  | £ s. d.<br>0 7 10  | £ s. d.<br>..        | £ s. d.<br>244 12 7   | £ s. d.<br>(Dr.) 35 4 0                                       | £ s. d.<br>..                               | £ s. d.<br>(B) 0 2 0   | £ s. d.<br>..  | £ s. d.<br>..               | £ s. d.<br>652 9 3          |
| 4. Red Cliffs  | £ s. d.<br>1,962 6 1  | £ s. d.<br>2,031 15 11 | £ s. d.<br>55 15 4 | £ s. d.<br>193 0 0 | £ s. d.<br>4 13 2  | £ s. d.<br>3 11 2    | £ s. d.<br>2,283 15 7 | £ s. d.<br>(Dr.) 326 9 6                                      | £ s. d.<br>6 11 3                           | £ s. d.<br>(B) 12 13 6   | £ s. d.<br>..  | £ s. d.<br>..               | £ s. d.<br>3,847 10 5       |
| Totals   | £ s. d.<br>5,525 5 6  | £ s. d.<br>4,599 9 6   | £ s. d.<br>527 7 8 | £ s. d.<br>479 0 0 | £ s. d.<br>39 5 4  | £ s. d.<br>3 11 2    | £ s. d.<br>5,648 13 8 | £ s. d.<br>(Cr.) 238 5 4<br>(Dr.) 361 13 6                    | £ s. d.<br>6 11 3                           | £ s. d.<br>(B) 25 7 6  | £ s. d.<br>928 14 10   | £ s. d.<br>..               | £ s. d.<br>7,840 2 0        |
| The Divisions set out hereunder are those whose works will not produce sufficient revenue to cover the expense of maintenance and management thereof, and where water supplies are being continued by direction of the Governor in Council. The annual amount of loss resulting from the maintenance and management of these divisions has been transferred to the "Revenue Expenditure Chargeable to the State" Account. (By authority of Orders in Council, dated 30th July, 1938, and 18th December, 1944, respectively, under the provisions of Section 6, <i>Water Act</i> 1937, No. 4513.) |                       |                        |                    |                    |                    |                      |                       |   |   |  |  |                             |                             |
| 5. Corop   | £ s. d.<br>15 15 10   | £ s. d.<br>25 10 1     | £ s. d.<br>..      | £ s. d.<br>6 0 0   | £ s. d.<br>..      | £ s. d.<br>..        | £ s. d.<br>31 10 1    | £ s. d.<br>(Dr.) 15 14 3                                      | £ s. d.<br>..                               | £ s. d.<br>(B) 0 11 8  | £ s. d.<br>62 8 1  | £ s. d.<br>..               | £ s. d.<br>24 6 0           |
| 6. Dingee  | £ s. d.<br>54 6 9     | £ s. d.<br>81 8 0      | £ s. d.<br>..      | £ s. d.<br>14 0 0  | £ s. d.<br>..      | £ s. d.<br>0 0 3     | £ s. d.<br>95 8 3     | £ s. d.<br>(Dr.) 41 1 6                                       | £ s. d.<br>2 12 9                           | £ s. d.<br>..  | £ s. d.<br>93 10 6   | £ s. d.<br>303 0 5          | £ s. d.<br>..               |
| 7. Heyfield  | £ s. d.<br>445 16 8   | £ s. d.<br>610 16 3    | £ s. d.<br>..      | £ s. d.<br>115 0 0 | £ s. d.<br>..      | £ s. d.<br>..        | £ s. d.<br>725 16 3   | £ s. d.<br>(Dr.) 279 19 7                                     | £ s. d.<br>..                               | £ s. d.<br>..  | £ s. d.<br>160 19 2  | £ s. d.<br>768 6 2          | £ s. d.<br>..               |
| 8. Leitchville   | £ s. d.<br>290 14 4   | £ s. d.<br>416 8 0     | £ s. d.<br>..      | £ s. d.<br>45 0 0  | £ s. d.<br>..      | £ s. d.<br>..        | £ s. d.<br>461 8 0    | £ s. d.<br>(Dr.) 170 13 8                                     | £ s. d.<br>..                               | £ s. d.<br>..  | £ s. d.<br>..  | £ s. d.<br>..               | £ s. d.<br>450 17 8         |
| 9. Murrabit  | £ s. d.<br>57 10 3    | £ s. d.<br>110 11 6    | £ s. d.<br>..      | £ s. d.<br>33 0 0  | £ s. d.<br>..      | £ s. d.<br>..        | £ s. d.<br>143 11 6   | £ s. d.<br>(Dr.) 86 1 3                                       | £ s. d.<br>..                               | £ s. d.<br>..  | £ s. d.<br>92 1 10   | £ s. d.<br>779 6 9          | £ s. d.<br>..               |
| 10. Stanhope   | £ s. d.<br>186 13 11  | £ s. d.<br>198 7 7     | £ s. d.<br>..      | £ s. d.<br>35 0 0  | £ s. d.<br>..      | £ s. d.<br>7 14 6    | £ s. d.<br>241 2 1    | £ s. d.<br>(Dr.) 54 8 2                                       | £ s. d.<br>..                               | £ s. d.<br>(B) 0 1 1   | £ s. d.<br>..  | £ s. d.<br>..               | £ s. d.<br>969 7 11         |
| Totals   | £ s. d.<br>1,050 17 9 | £ s. d.<br>1,443 1 5   | £ s. d.<br>..      | £ s. d.<br>248 0 0 | £ s. d.<br>..      | £ s. d.<br>7 14 9    | £ s. d.<br>1,698 16 2 | £ s. d.<br>(Dr.) 647 18 5                                     | £ s. d.<br>2 12 9                           | £ s. d.<br>(B) 0 12 9  | £ s. d.<br>408 19 7  | £ s. d.<br>1,840 13 4       | £ s. d.<br>1,444 11 7       |
| Grand Totals   | £ s. d.<br>6,576 3 3  | £ s. d.<br>6,042 10 11 | £ s. d.<br>527 7 8 | £ s. d.<br>727 0 0 | £ s. d.<br>39 5 4  | £ s. d.<br>11 5 11   | £ s. d.<br>7,347 9 10 | £ s. d.<br>(Cr.) 238 5 4<br>(Dr.) 1,099 11 11                 | £ s. d.<br>9 4 0                            | £ s. d.<br>(B) 26 0 3  | £ s. d.<br>1,337 14 5  | £ s. d.<br>1,840 13 4       | £ s. d.<br>9,284 13 7       |

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. 4013.)

WATERWORKS DISTRICTS.

CASH ACCOUNT.

STATEMENT of Moneys received and disbursed from 1st May, 1903, to 30th June, 1947; also of Interest charged at the rates of 3·508 per cent. on Capital Debits, as at 30th June, 1943, and 3 per cent. on Capital Debits subsequent to 30th June, 1943, and of Redemption and Depreciation charged for Financial Year 1946-47. (Free Headworks excluded.)

| District.   | Receipts.                   |                                |              | Expenditure.                |          |            |              |                |             |              | Accumulated—                              |   |  |   |  |    |    |    |
|---|-----------------------------|--------------------------------|--------------|-----------------------------|----------|------------|--------------|----------------|-------------|--------------|---|---|--|---|--|----|----|----|
|   | Year ended 30th June, 1947. | Total 1906 to 30th June, 1947. |              | Year ended 30th June, 1947. |          |            |              |                |             |              | Excess Receipts over Expenditure 1946-47. | Excess Expenditure over Receipts 1946-47. | Surplus Credited to District Account at 30th June, 1947. | Deficiency Chargeable to District Account at 30th June, 1947. | Deficiency Chargeable to State Account at 30th June, 1947. (Inclusive of Column 11.) |    |    |    |
|   |                             | Interest.                      | Redemption.  | Depreciation.               | Total.   | £          | s.           | d.             | £           | s.           |   |   |  |   |  | d. | £  | s. |
| 1.  | £                           | s.                             | d.           | £                           | s.       | d.         | £            | s.             | d.          | £            | s.  | d.  | £  | s.  | d.   | £  | s. | d. |
| 1. Bellarine Peninsula ..   | 14,612 18 0                 | 106,777 2 8                    | 7,032 11 8   | 2,920 13 10                 | 212 13 9 | ..         | 10,165 19 3  | 100,727 19 10  | 4,446 18 9  | ..           | 15,976 12 6                               | ..  | 9,927 9 8  | ..  | ..   | .. | .. | .. |
| 2. East Loddon ..   | 939 17 11                   | 1,641 6 3                      | 687 15 7     | ..                          | ..       | ..         | 687 15 7     | 1,494 2 2      | 252 2 4     | ..           | 147 4 1                                   | ..  | ..   | ..  | ..   | .. | .. | .. |
| 3. Loddon ..  | 538 6 9                     | 1,224 5 6                      | 1,224 5 6    | 2,261 9 7                   | 165 0 1  | ..         | 1,001 4 3    | 2,991 8 4      | 3,663 7 0   | 462 17 6     | ..  | 1,767 2 10                                | ..   | ..  | ..   | .. | .. | .. |
| 4. Mornington Peninsula ..  | 11,119 9 2                  | 139,066 17 3                   | 4,129 12 6   | ..                          | ..       | ..         | 7,456 2 2    | 107,399 7 10   | 3,663 7 0   | ..           | 32,745 1 8                                | ..  | 1,077 12 3   | ..  | ..   | .. | .. | .. |
| 5. Newstead ..  | 27 5 0                      | 247 10 0                       | ..           | ..                          | ..       | ..         | 2,306 2 7    | 101 10 0       | 27 5 0      | ..           | 146 0 0                                   | ..  | ..   | ..  | ..   | .. | .. | .. |
| 6. Normanville ..   | 2,510 5 4                   | 15,848 3 9                     | 2,306 2 7    | 3,185 15 0                  | 232 3 6  | ..         | 2,306 2 7    | 22,106 5 1     | 204 2 9     | ..           | ..  | ..  | ..   | ..  | ..   | .. | .. | .. |
| 7. Orway ..   | 10,197 14 1                 | 65,530 18 6                    | 4,242 3 1    | ..                          | ..       | ..         | 9,584 1 7    | 69,413 8 4     | 613 12 6    | ..           | 1,219 12 8                                | ..  | ..   | ..  | ..   | .. | .. | .. |
| 8. Werribee ..  | 563 9 9                     | 17,603 4 6                     | 426 1 4      | ..                          | ..       | ..         | 426 1 4      | 18,605 2 8     | 137 8 5     | ..           | ..  | ..  | ..   | ..  | ..   | .. | .. | .. |
| 9. Western Wimmera ..   | 19,370 0 4                  | 517,448 7 10                   | 22,156 17 5  | ..                          | ..       | ..         | 22,751 17 5  | 557,663 4 10   | 718 7 5     | ..           | ..  | ..  | ..   | ..  | ..   | .. | .. | .. |
| 10. West Loddon ..  | 1,765 16 1                  | 2,502 7 0                      | 1,047 8 8    | ..                          | ..       | ..         | 1,047 8 8    | 3,402 6 4      | 5,097 6 0   | ..           | ..  | ..  | ..   | ..  | ..   | .. | .. | .. |
| 11. Wimmera United ..   | 22,559 9 11                 | 565,291 5 2                    | 17,429 3 11  | ..                          | ..       | ..         | 17,462 3 11  | 573,908 11 10  | ..          | ..           | ..  | ..  | ..   | ..  | ..   | .. | .. | .. |
| Totals ..   | 84,204 12 4                 | 1,433,181 8 5                  | 60,459 1 0   | 8,367 18 5                  | 609 17 4 | 3,452 0 0  | 72,888 16 9  | 1,457,813 7 3  | 15,160 10 2 | 3,844 14 7   | 50,234 10 11                              | 48,211 11 11                              | 26,654 17 10   | ..  | ..   | .. | .. | .. |
| The Districts set out hereunder are those whose works will not produce sufficient revenue to cover the expense of the maintenance and management thereof, and where water supplies are being continued by direction of the Governor in Council 21st October, 1941, respectively, under the provisions of Section 6, <i>Water Act</i> 1937, No. 4513.) |                             |                                |              |                             |          |            |              |                |             |              |   |   |  |   |  |    |    |    |
| 12. Birchip ..  | 5,192 10 0                  | 148,943 16 7                   | 6,707 9 11   | ..                          | ..       | 1,680 0 0  | 6,707 9 11   | 192,259 13 6   | ..          | 1,514 19 11  | ..  | 5,334 11 0                                | 37,981 5 11  | ..  | ..   | .. | .. | .. |
| 13. Carwarp ..  | 858 12 9                    | 26,697 4 6                     | 4,655 9 3    | ..                          | ..       | 1,680 0 0  | 6,335 9 3    | 114,295 1 3    | ..          | 5,476 16 6   | ..  | 3,539 8 8                                 | 84,058 8 1   | ..  | ..   | .. | .. | .. |
| 14. Carwarp Central ..  | 134 0 2                     | 3,623 1 7                      | 725 6 3      | ..                          | ..       | 140 0 0    | 865 6 3      | 8,724 3 10     | ..          | 731 6 1      | ..  | 763 19 2                                  | 4,337 3 1  | ..  | ..   | .. | .. | .. |
| 15. Coreena ..  | 704 2 10                    | 10,633 9 1                     | 4,430 19 2   | ..                          | ..       | 5,565 0 0  | 9,995 19 2   | 74,219 4 0     | ..          | 9,291 16 4   | ..  | 2,922 13 10                               | 60,663 1 1   | ..  | ..   | .. | .. | .. |
| 16. Hindmarsh ..  | 1,136 7 2                   | 22,654 11 0                    | 1,068 13 3   | ..                          | ..       | 139 0 0    | 1,207 13 3   | 22,956 4 1     | ..          | 71 6 1       | ..  | ..  | 301 13 1   | ..  | ..   | .. | .. | .. |
| 17. Karkaroc ..   | 16,246 16 3                 | 396,706 11 3                   | 23,800 2 2   | ..                          | ..       | ..         | 23,800 2 2   | 520,193 7 5    | ..          | 7,553 5 11   | ..  | 13,179 4 6                                | 110,307 11 8   | ..  | ..   | .. | .. | .. |
| 18. Kerang - North-West Lakes ..  | 208 0 4                     | 5,722 11 0                     | 244 19 7     | ..                          | ..       | ..         | 244 19 7     | 7,191 14 2     | ..          | 36 19 3      | ..  | 83 3 9                                    | 1,385 19 5   | ..  | ..   | .. | .. | .. |
| 19. Long Lake ..  | 13,424 18 11                | 290,068 8 5                    | 21,122 12 8  | ..                          | ..       | 1,225 0 0  | 22,347 12 8  | 407,274 4 5    | ..          | 8,922 13 9   | ..  | 29,289 10 10                              | 87,916 5 2   | ..  | ..   | .. | .. | .. |
| 20. Milawa ..   | 3,295 12 4                  | 56,783 12 6                    | 30,587 6 11  | ..                          | ..       | 20,916 0 0 | 51,503 6 11  | 337,314 5 3    | ..          | 48,207 14 7  | ..  | 9,567 8 2                                 | 270,963 4 7  | ..  | ..   | .. | .. | .. |
| 21. Milawa Central ..   | 2,013 2 10                  | 31,106 17 9                    | 20,307 4 11  | ..                          | ..       | 8,568 0 0  | 28,875 4 11  | 204,710 3 5    | ..          | 26,862 2 1   | ..  | 5,625 2 2                                 | 167,978 3 6  | ..  | ..   | .. | .. | .. |
| 22. Sea Lake ..   | 10,112 4 10                 | 272,025 1 1                    | 18,351 9 2   | ..                          | ..       | ..         | 18,351 9 2   | 343,193 1 5    | ..          | 8,239 4 4    | ..  | 8,185 14 11                               | 62,982 5 5   | ..  | ..   | .. | .. | .. |
| 23. Tyntynder ..  | 10,035 4 9                  | 192,910 16 10                  | 30,479 2 9   | ..                          | ..       | 147 0 0    | 30,926 2 9   | 452,482 10 3   | ..          | 20,590 18 0  | ..  | 29,188 7 1                                | 230,383 6 4  | ..  | ..   | .. | .. | .. |
| 24. Tyrell ..   | 8,157 9 1                   | 246,898 10 2                   | 36,171 7 6   | ..                          | ..       | 301 0 0    | 36,472 7 6   | 474,313 14 5   | ..          | 28,314 18 5  | ..  | 16,456 5 8                                | 210,958 18 7   | ..  | ..   | .. | .. | .. |
| 25. Tyrell West ..  | 13,868 19 6                 | 138,084 13 10                  | 82,744 12 8  | ..                          | ..       | 1,506 0 0  | 84,340 5 5   | 593,689 9 7    | ..          | 70,471 5 11  | ..  | 26,991 3 4                                | 428,613 12 5   | ..  | ..   | .. | .. | .. |
| 26. Upper Western Wimmera ..  | 4,921 15 2                  | 141,895 17 1                   | 4,638 12 8   | ..                          | ..       | ..         | 4,638 12 8   | 139,919 11 10  | 283 2 6     | ..           | 1,976 5 3                                 | ..  | ..   | ..  | ..   | .. | .. | .. |
| 27. Upper Wimmera ..  | 7,946 9 8                   | 229,531 5 1                    | 10,666 2 7   | ..                          | ..       | ..         | 10,666 2 7   | 249,324 6 10   | ..          | 2,719 12 11  | ..  | 4,639 13 10                               | 15,153 7 11  | ..  | ..   | .. | .. | .. |
| 28. Walpeup West ..   | 2,130 0 3                   | 51,722 2 1                     | 1,537 13 8   | ..                          | ..       | 260 0 0    | 1,797 13 8   | 64,011 14 1    | 332 6 7     | ..           | ..  | 3,321 0 10                                | 8,968 11 2   | ..  | ..   | .. | .. | .. |
| 29. Wycheproof ..   | 9,584 5 2                   | 240,341 12 10                  | 15,585 12 11 | ..                          | ..       | ..         | 15,585 12 11 | 309,688 1 11   | ..          | 6,001 7 9    | ..  | 4,295 19 5                                | 65,050 9 8   | ..  | ..   | .. | .. | .. |
| 30. Yelta ..  | 487 12 11                   | 11,780 4 2                     | 871 0 9      | ..                          | ..       | ..         | 871 0 9      | 23,296 10 11   | ..          | 383 7 10     | ..  | 1,488 7 10                                | 10,027 18 11   | ..  | ..   | .. | .. | .. |
| Totals ..   | 110,458 4 11                | 2,518,130 6 10                 | 314,695 11 6 | ..                          | ..       | 40,537 0 0 | 355,232 11 6 | 4,539,057 2 7  | 615 9 1     | 245,389 15 8 | 1,976 5 3                                 | 164,871 15 0                              | 1,858,031 6 0  | ..  | ..   | .. | .. | .. |
| Grand Totals ..   | 194,662 17 3                | 3,951,311 15 3                 | 375,154 12 6 | 8,367 18 5                  | 609 17 4 | 43,989 0 0 | 428,121 8 3  | 5,996,870 9 10 | 15,775 19 3 | 249,234 10 3 | 52,210 16 2                               | 213,083 6 11                              | 1,884,686 3 10   | ..  | ..   | .. | .. | .. |

WATERWORKS DISTRICTS.

PROFIT AND LOSS ACCOUNT FOR FINANCIAL YEAR 1946-47

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

| District. | Expenditure.        |    |    |   |    |                  |   |    |    |   | Profit and Loss. |    |   |    |    |               |    |    |   |    |             |   |    |    |   |                      |    |   |    |    |        |    |    |   |    |  |   |    |    |   |   |    |   |    |    |  |    |    |   |    |  |   |    |    |   |                             |    |   |    |    |                             |    |    |   |    |    |   |    |    |   |    |    |   |    |    |   |    |    |   |    |    |   |    |    |   |    |    |   |    |    |   |    |    |   |    |    |   |    |    |   |    |    |   |    |    |   |    |    |   |    |    |   |    |    |   |    |    |   |    |    |   |    |    |   |    |    |   |    |    |   |    |    |   |    |    |   |    |    |   |    |    |   |    |    |   |    |    |   |    |    |   |    |    |   |    |    |   |    |    |   |    |    |   |    |    |   |    |    |   |    |    |   |    |    |   |    |    |   |    |    |   |    |    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|-----------|---------------------|----|----|---|----|------------------|---|----|----|---|------------------|----|---|----|----|---------------|----|----|---|----|-------------|---|----|----|---|----------------------|----|---|----|----|--------|----|----|---|----|--|---|----|----|---|---|----|---|----|----|--|----|----|---|----|--|---|----|----|---|-----------------------------|----|---|----|----|-----------------------------|----|----|---|----|----|---|----|----|---|----|----|---|----|----|---|----|----|---|----|----|---|----|----|---|----|----|---|----|----|---|----|----|---|----|----|---|----|----|---|----|----|---|----|----|---|----|----|---|----|----|---|----|----|---|----|----|---|----|----|---|----|----|---|----|----|---|----|----|---|----|----|---|----|----|---|----|----|---|----|----|---|----|----|---|----|----|---|----|----|---|----|----|---|----|----|---|----|----|---|----|----|---|----|----|---|----|----|---|----|----|---|----|----|---|----|----|---|----|----|---|----|----|---|----|----|---|----|----|---|----|----|---|----|----|---|----|----|---|----|----|---|----|----|---|----|----|---|----|----|---|----|----|---|----|----|---|----|----|---|----|----|---|----|----|---|----|----|---|----|----|---|----|----|---|----|----|---|----|----|---|----|----|---|----|----|---|----|----|---|----|----|---|----|----|---|----|----|---|----|----|---|----|----|---|----|----|---|----|----|---|----|----|---|----|----|---|----|----|---|----|----|---|----|----|---|----|----|---|----|----|---|----|----|---|----|----|---|----|----|---|----|----|---|----|----|---|----|----|---|----|----|---|----|----|---|----|----|---|----|----|---|----|----|---|----|----|---|----|----|---|----|----|---|----|----|---|----|----|---|----|----|---|----|----|---|----|----|---|----|----|---|----|----|---|----|----|---|----|----|---|----|----|---|----|----|---|----|----|---|----|----|---|----|----|---|----|----|---|----|----|---|----|----|---|----|----|---|----|----|---|----|----|---|----|----|---|----|----|---|----|----|---|----|----|---|----|----|---|----|----|---|----|----|---|----|----|---|----|----|---|----|----|---|----|----|---|----|----|---|----|----|---|----|----|---|----|----|---|----|----|---|----|----|---|----|----|---|----|----|---|----|----|---|----|----|---|----|----|---|----|----|---|----|----|---|----|----|---|----|----|---|----|----|---|----|----|---|----|----|---|----|----|---|----|----|---|----|----|---|----|----|---|----|----|---|----|----|---|----|----|---|----|----|---|----|----|---|----|----|---|----|----|---|----|----|---|----|----|---|----|----|---|----|----|---|----|----|---|----|----|---|----|----|---|----|----|---|----|----|---|----|----|---|----|----|---|----|----|---|----|----|---|----|----|---|----|----|---|----|----|---|----|----|---|----|----|---|----|----|---|----|----|---|----|----|---|----|----|---|----|----|---|----|----|---|----|----|---|----|----|---|----|----|---|----|----|---|----|----|---|----|----|---|----|----|---|----|----|---|----|----|---|----|----|---|----|----|---|----|----|---|----|----|---|----|----|---|----|----|---|----|----|---|----|----|---|----|----|---|----|----|---|----|----|---|----|----|---|----|----|---|----|----|---|----|----|---|----|----|---|----|----|---|----|----|---|----|----|---|----|----|---|----|----|---|----|----|---|----|----|---|----|----|---|----|----|---|----|----|---|----|----|---|----|----|---|----|----|---|----|----|---|----|----|---|----|----|---|----|----|---|----|----|---|----|----|---|----|----|---|----|----|---|----|----|---|----|----|---|----|----|---|----|----|---|----|----|---|----|----|---|----|----|---|----|----|---|----|----|---|----|----|---|----|----|---|----|----|---|----|----|---|----|----|---|----|----|---|----|----|---|----|----|---|----|----|---|----|----|---|----|----|---|----|----|---|----|----|---|----|----|---|----|----|---|----|----|---|----|----|---|----|----|---|----|----|---|----|----|---|----|----|---|----|----|---|----|----|---|----|----|---|----|----|---|----|----|---|----|----|---|----|----|---|----|----|---|----|----|---|----|----|---|----|----|---|----|----|---|----|----|---|----|----|---|----|----|---|----|----|---|----|----|---|----|----|---|----|----|---|----|----|---|----|----|---|----|----|---|----|----|---|----|----|---|----|----|---|----|----|---|----|----|---|----|----|---|----|----|---|----|----|---|----|----|---|----|----|---|----|----|---|----|----|---|----|----|---|----|----|---|----|----|---|----|----|---|----|----|---|----|----|---|----|----|---|----|----|---|----|----|---|----|----|---|----|----|---|----|----|---|----|----|---|----|----|---|----|----|---|----|----|---|----|----|---|----|----|---|----|----|---|----|----|---|----|----|---|----|----|---|----|----|---|----|----|---|----|----|---|----|----|---|----|----|---|----|----|---|----|----|---|----|----|---|----|----|---|----|----|---|----|----|---|----|----|---|----|----|---|----|----|---|----|----|---|----|----|---|----|----|---|----|----|---|----|----|---|----|----|---|----|----|---|----|----|---|----|----|---|----|----|---|----|----|---|----|----|---|----|----|---|----|----|---|----|----|---|----|----|---|----|----|---|
|           | Revenue Assessment. |    |    |   |    | Operating Costs. |   |    |    |   | Interest.        |    |   |    |    | Depreciation. |    |    |   |    | Redemption. |   |    |    |   | Amounts Written Off. |    |   |    |    | Total. |    |    |   |    | Excess—<br>(Cr.) Assessment;<br>(Dr.) Expenditure<br>for Year. |   |    |    |   | Revenue Due for Previous Years Written Off. |    |   |    |    | Adjustments to Revenue prior to 1946-47.<br>(A) Loss.<br>(B) Gain. |    |    |   |    | Interest and Other Losses prior to 30th June, 1938, Borne by State.<br>(Act No. 5017.) |   |    |    |   | Loss since 30th June, 1938. |    |   |    |    | Gain as at 30th June, 1947. |    |    |   |    |    |   |    |    |   |    |    |   |    |    |   |    |    |   |    |    |   |    |    |   |    |    |   |    |    |   |    |    |   |    |    |   |    |    |   |    |    |   |    |    |   |    |    |   |    |    |   |    |    |   |    |    |   |    |    |   |    |    |   |    |    |   |    |    |   |    |    |   |    |    |   |    |    |   |    |    |   |    |    |   |    |    |   |    |    |   |    |    |   |    |    |   |    |    |   |    |    |   |    |    |   |    |    |   |    |    |   |    |    |   |    |    |   |    |    |   |    |    |   |    |    |   |    |    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£ | s. | d. | £ | s. | d. | £ | s. | d. | £ | s. | d. | £ | s. | d. | £ | s. | d. | £ | s. | d. | £ | s. | d. | £ | s. | d. | £ | s. | d. | £ | s. | d. | £ | s. | d. | £ |

The Districts set out hereunder are those whose works will not produce sufficient revenue to cover the expense of the maintenance and management thereof, and where water supplies are being continued by direction of the Governor in Council. The annual amount of 1944, 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, 1947; also of Interest charged at the rates of 3·508 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 1946-47 (Free Headworks excluded).

| District.                             | Receipts.                   |       |        | Expenditure.                |           |             |               |        |        | Total 1906 to 30th June, 1947. | Excess Receipts over Expenditure, 1946-47. | Excess Expenditure over Receipts, 1946-47. | Accumulated. |        |  | Deficiency Chargeable to State Account at 30th June, 1947. (Inclusive of Column 11.) |   |        |    |
|---------------------------------------|-----------------------------|-------|--------|-----------------------------|-----------|-------------|---------------|--------|--------|--------------------------------|--|--|--------------|--------|--|--|---|--------|----|
|                                       | Year ended 30th June, 1947. |       |        | Year ended 30th June, 1947. |           |             |               |        |        |                                |  |  |              |        |  |  |   |        |    |
|                                       | £                           | s.    | d.     | Operating Costs.            | Interest. | Redemption. | Depreciation. | Total. | £      |                                |  |  | s.           | d.     | Surplus Credited to District Account at 30th June, 1947. |  | Deficiency Chargeable to District Account at 30th June, 1947. | £      | s. |
| I.                                    | 2.                          | 3.    | 4.     | 5.                          | 6.        | 7.          | 8.            | 9.     | 10.    | 11.                            | 12.  | 13.  | 14.          |        |  |  |   |        |    |
| 1. Allansford ..                      | 159                         | 8 8   | 75     | 12 0                        | 28        | 4 0         | 4 3 10        | 20     | 0 0    | 127                            | 19 10                                      | 820  | 13 5         | 25     | 6 8  | ..   | ..  | ..     |    |
| 2. Antwerp ..                         | 44                          | 2 0   | 52     | 0 11                        | 9         | 0 10        | ..            | 2      | 0 0    | 63                             | 1 9  | 1,178                                      | 10 4         | 173    | 1 0  | ..   | ..  | ..     |    |
| 3. Barwon Heads and Ocean Grove ..    | 1,755                       | 10 5  | 1,237  | 17 2                        | 281       | 15 5        | ..            | 279    | 0 0    | 1,798                          | 12 7                                       | 23,995                                     | 11 6         | 772    | 19 2   | ..   | ..  | 216    |    |
| 4. Berrillock ..                      | 1,197                       | 3 7   | 236    | 5 5                         | 0         | 2 5         | 8 1 3         | 263    | 0 0    | 1,027                          | 13 9                                       | 18,172                                     | 1 9          | 378    | 1 3  | ..   | ..  | 18     |    |
| 5. Berwick ..                         | 1,149                       | 11 11 | 648    | 7 8                         | 108       | 4 10        | ..            | 263    | 0 0    | 1,027                          | 13 9                                       | 18,172                                     | 1 9          | 1,669  | 1 3  | ..   | ..  | ..     |    |
| 6. Brim ..                            | 191                         | 6 6   | 201    | 19 3                        | 11        | 11 5        | ..            | 31     | 0 0    | 244                            | 10 8                                       | 6,021                                      | 19 4         | 535    | 14 3   | ..   | ..  | ..     |    |
| 7. Camperdown ..                      | 4,061                       | 16 9  | 41,488 | 10 5                        | 2,580     | 8 7         | 344 12 2      | 638    | 0 0    | 5,152                          | 15 9                                       | 40,231                                     | 11 9         | 53     | 4 2  | ..   | ..  | ..     |    |
| 8. Chelsea-Frankston ..               | 18,613                      | 12 5  | 9,132  | 11 7                        | 4,710     | 1 7         | ..            | 3,458  | 0 0    | 17,645                         | 5 4  | 318,349                                    | 12 11        | 1,256  | 18 8   | ..   | ..  | 9,188  |    |
| 9. Cobden ..                          | 1,302                       | 3 11  | 810    | 10 3                        | 452       | 19 1        | 1 12 10       | 155    | 0 0    | 1,418                          | 9 4  | 11,001                                     | 18 2         | 12,697 | 5 2  | ..   | ..  | 12     |    |
| 10. Cranbourne ..                     | 403                         | 12 8  | 203    | 4 0                         | 20        | 17 10       | 1 12 10       | 101    | 0 0    | 326                            | 14 8                                       | 12,238                                     | 10 5         | 42     | 13 3   | ..   | ..  | 3      |    |
| 11. Cullgoa ..                        | 236                         | 16 7  | 232    | 5 4                         | 78        | 11 5        | ..            | 18     | 0 0    | 328                            | 16 9                                       | 9,011                                      | 1 2          | 1,176  | 12 4   | ..   | ..  | ..     |    |
| 12. Dandenong-Springvale ..           | 21,588                      | 2 5   | 8,516  | 10 0                        | 5,729     | 17 1        | 416 6 2       | 2,320  | 0 0    | 16,982                         | 13 3                                       | 238,241                                    | 17 9         | 34     | 339  | ..   | ..  | 18     |    |
| 13. Dumbolia ..                       | 1,729                       | 13 10 | 1,484  | 6 2                         | 381       | 16 9        | ..            | 541    | 0 0    | 2,407                          | 2 11                                       | 66,865                                     | 17 11        | 1,559  | 17 5   | ..   | ..  | 7      |    |
| 14. Dromana-Portsea ..                | 8,183                       | 13 11 | 3,561  | 10 3                        | 150       | 15 10       | 12 1 1        | 1,535  | 0 0    | 5,259                          | 7 2  | 43,366                                     | 9 7          | 8,062  | 12 2   | ..   | ..  | 5      |    |
| 15. Jeparit ..                        | 782                         | 10 3  | 694    | 16 0                        | 200       | 8 0         | ..            | 39     | 0 0    | 934                            | 4 0  | 28,437                                     | 5 7          | 898    | 0 4  | ..   | ..  | ..     |    |
| 16. Longwarry ..                      | 1,061                       | 4 8   | 306    | 10 7                        | 324       | 10 7        | 23 14 9       | 113    | 0 0    | 767                            | 15 11                                      | 8,603                                      | 17 5         | 1,144  | 19 2   | ..   | ..  | ..     |    |
| 17. Maroo ..                          | 258                         | 2 11  | 132    | 5 2                         | 47        | 15 2        | 10 13 0       | 33     | 0 0    | 223                            | 13 4                                       | 6,677                                      | 12 2         | 387    | 7 0  | ..   | ..  | ..     |    |
| 18. Merbein ..                        | 1,582                       | 0 2   | 38,838 | 5 9                         | 146       | 11 1        | ..            | 137    | 0 0    | 1,904                          | 16 6                                       | 39,876                                     | 5 0          | 778    | 2 3  | ..   | ..  | ..     |    |
| 19. Minyip ..                         | 754                         | 6 8   | 658    | 5 11                        | 107       | 3 11        | ..            | 75     | 0 0    | 840                            | 9 10                                       | 28,518                                     | 8 6          | 11,121 | 12 3   | ..   | ..  | ..     |    |
| 20. Mornington ..                     | 4,463                       | 0 7   | 2,472  | 15 6                        | 1,852     | 14 9        | ..            | 848    | 0 0    | 5,173                          | 10 3                                       | 94,016                                     | 10 8         | 314    | 19 7   | ..   | ..  | ..     |    |
| 21. Natimuk ..                        | 306                         | 10 10 | 288    | 15 8                        | 142       | 6 6         | ..            | 50     | 0 0    | 481                            | 2 2  | 17,823                                     | 10 1         | 1,887  | 9 4  | ..   | ..  | ..     |    |
| 22. Pakenham ..                       | 1,401                       | 15 6  | 566    | 2 5                         | 338       | 10 0        | 24 19 1       | 231    | 0 0    | 1,160                          | 11 6                                       | 20,431                                     | 1 7          | 4      | 0  | ..   | ..  | ..     |    |
| 23. Pimplico ..                       | 4                           | 10 5  | ..     | ..                          | ..        | ..          | ..            | ..     | ..     | ..                             | ..   | ..   | ..           | 4      | 10 5   | ..   | ..  | ..     |    |
| 24. Pyramind Hill ..                  | 455                         | 18 1  | 286    | 3 8                         | 45        | 6 7         | 3 9 0         | 39     | 0 0    | 373                            | 19 3                                       | 11,433                                     | 9 5          | 1,170  | 5 0  | ..   | ..  | ..     |    |
| 25. Queenscliff and Point Lonsdale .. | 3,259                       | 18 2  | 11,799 | 16 7                        | 573       | 4 7         | 514           | 0 0    | 12,887 | 1 2                            | 60,448                                     | 1 4  | 9,627        | 3 0    | 4,031  | 3 6  | ..  | ..     | .. |
| 26. Rainbow ..                        | 1,651                       | 5 4   | 668    | 19 4                        | 266       | 2 9         | 19 10 6       | 48     | 0 0    | 1,002                          | 12 7                                       | 32,509                                     | 12 0         | 181    | 15 3   | ..   | ..  | ..     |    |
| 27. Rupanyup ..                       | 625                         | 4 8   | 602    | 18 2                        | 147       | 1 9         | ..            | 57     | 0 0    | 806                            | 19 11                                      | 25,976                                     | 8 4          | 113    | 6 4  | ..   | ..  | ..     |    |
| 28. Somerville ..                     | 8,464                       | 17 11 | 179    | 4 1                         | 161       | 2 11        | ..            | 59     | 0 0    | 399                            | 7 0  | 7,705                                      | 3 1          | 759    | 14 10  | ..   | ..  | ..     |    |
| 29. South Frankston ..                | 2,617                       | 6 4   | 1,269  | 9 3                         | 904       | 3 2         | 66 8 10       | 312    | 0 0    | 2,552                          | 1 3  | 42,437                                     | 12 7         | 4,703  | 16 5   | ..   | ..  | ..     |    |
| 30. Terang ..                         | 2,508                       | 18 0  | 1,587  | 17 5                        | 991       | 11 4        | ..            | 506    | 0 0    | 3,085                          | 8 9  | 26,074                                     | 7 9          | 765    | 16 11  | ..   | ..  | ..     |    |
| 31. Watchem ..                        | 363                         | 19 1  | 337    | 13 7                        | 4         | 7 8         | ..            | 35     | 0 0    | 377                            | 1 3  | 10,969                                     | 15 2         | 13     | 2 2  | ..   | ..  | ..     |    |
| Totals                                | 81,407                      | 12 11 | 52,466 | 7 4                         | 20,151    | 6 5         | 935 12 6      | 12,473 | 0 0    | 86,026                         | 6 3  | 1,260,214                                  | 19 4         | 90,132 | 2 6  | 12,404   | 13 10   | 14,197 |    |
|                                       |                             |       |        |                             |           |             |               |        |        |                                |  |  |              |        |  |  |   | 5      |    |



URBAN DISTRICTS

PROFIT AND LOSS ACCOUNT FOR FINANCIAL YEAR 1946-47.

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

| District.                                  | Expenditure.        |       |                  |       |           |       |               |       |             |       | Profit and Loss.     |       |        |       |  |             |   |                              |  |       |  |        |                             |       |                             |       |
|--|---------------------|-------|------------------|-------|-----------|-------|---------------|-------|-------------|-------|----------------------|-------|--------|-------|--|-------------|---|------------------------------|--|-------|--|--------|-----------------------------|-------|-----------------------------|-------|
|  | Revenue Assessment. |       | Operating Costs. |       | Interest. |       | Depreciation. |       | Redemption. |       | Amounts Written Off. |       | Total. |       | Excess—<br>(Cr.) Assessment;<br>(Dr.) Expenditure<br>for Year. |             | Revenue Due for Previous Years Written Off. |                              | Adjustments to Revenue for Years prior to 1946-47.<br>(a) Loss.<br>(b) Gain. |       | Interest and other Losses prior to 30th June, 1938, Borne by State.<br>(Act No. 5017.) |        | Loss since 30th June, 1938. |       | Gain as at 30th June, 1947. |       |
|  | £                   | 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 .. .. .                      | 151                 | 16 2  | 75               | 12 0  | 28        | 4 0   | 20            | 0 0   | 2           | 1 11  | ..                   | ..    | 125    | 17 11 | (Cr.)  | 25 18 3     | ..  | ..                           | ..   | ..    | ..   | ..     | 69                          | 16 1  |                             |       |
| 2. Antwerp .. .. .                         | 53                  | 13 9  | 52               | 0 11  | 9         | 0 10  | 2             | 0 0   | 0           | 13 6  | ..                   | ..    | 63     | 15 3  | (Dr.)  | 10 1 6      | ..  | ..                           | ..   | ..    | ..   | ..     | 195                         | 4 0   |                             |       |
| 3. Barwon Heads and Ocean Grove .. .. .    | 1,757               | 2 4   | 1,237            | 17 2  | 281       | 15 5  | 279           | 0 0   | 20          | 15 8  | ..                   | ..    | 1,819  | 8 3   | (Dr.)  | 62 5 11     | ..  | ..                           | ..   | ..    | ..   | ..     | 1,267                       | 1 6   |                             |       |
| 4. Berrillock .. .. .                      | 209                 | 6 9   | 256              | 5 5   | 0         | 2 5   | 16            | 0 0   | 0           | 1 5   | 0 16 3               | ..    | 272    | 9 3   | (Dr.)  | 63 2 6      | 48 9 0                                      | ..                           | 216  | 18 8  | ..   | ..     | 403                         | 18 5  |                             |       |
| 5. Berwick .. .. .                         | 1,130               | 2 10  | 648              | 7 8   | 108       | 4 10  | 263           | 0 0   | 8           | 1 3   | 0 16 3               | ..    | 1 028  | 10 0  | (Cr.)  | 101 12 10   | ..  | ..                           | ..   | ..    | ..   | 1,887  | 11 1                        |       |                             |       |
| 6. Birn .. .. .                            | 209                 | 11 0  | 201              | 19 3  | 11        | 11 5  | 31            | 0 0   | 0           | 18 7  | 2 6 8                | ..    | 247    | 15 11 | (Dr.)  | 38 4 11     | 2 6 8                                       | ..                           | ..   | ..    | ..   | 1,840  | 14 3                        |       |                             |       |
| 7. Camperdown .. .. .                      | 4,049               | 5 5   | 2,580            | 8 7   | 1,934     | 7 2   | 638           | 0 0   | 140         | 2 8   | ..                   | ..    | 5,292  | 18 5  | (Dr.)  | 1,243 13 0  | ..  | ..                           | ..   | ..    | ..   | 1,030  | 1 8                         |       |                             |       |
| 8. Chelsea-Frankston .. .. .               | 19,126              | 1 0   | 9,132            | 11 7  | 4,710     | 1 7   | 3,458         | 0 0   | 344         | 12 2  | 39 2 4               | ..    | 17,684 | 7 8   | (Cr.)  | 1,441 13 4  | 23 15 4                                     | (B)                          | 0 4 0  | 9,188 | 12 3   | ..     | 16,195                      | 1 5   |                             |       |
| 9. Cobden .. .. .                          | 1,267               | 1 1   | 810              | 10 3  | 432       | 19 1  | 155           | 0 0   | 32          | 17 4  | ..                   | ..    | 1,451  | 6 8   | (Dr.)  | 184 5 7     | ..  | ..                           | ..   | ..    | ..   | 1,298  | 2 4                         |       |                             |       |
| 10. Cranbourne .. .. .                     | 452                 | 15 3  | 263              | 4 0   | 20        | 17 10 | 101           | 0 0   | 1           | 12 10 | 0 2 4                | ..    | 326    | 14 8  | (Cr.)  | 126 0 7     | 0 7 8                                       | ..                           | 538  | 9 1   | ..   | ..     | 1,926                       | 3 4   |                             |       |
| 11. Gulgong .. .. .                        | 232                 | 14 5  | 232              | 5 4   | 78        | 11 5  | 18            | 0 0   | 5           | 15 2  | ..                   | ..    | 334    | 14 3  | (Dr.)  | 101 19 10   | 17 5 8                                      | (A)                          | 171 7 6  | 3,601 | 18 7   | ..     | 155                         | 15 3  |                             |       |
| 12. Dandenong-Springvale .. .. .           | 10,057              | 15 2  | 8,516            | 10 0  | 5,729     | 17 1  | 2,320         | 0 0   | 416         | 6 2   | ..                   | ..    | 16,982 | 13 3  | (Cr.)  | 2,074 11 11 | ..  | ..                           | ..   | ..    | ..   | 38,663 | 14 5                        |       |                             |       |
| 13. Dumbulla .. .. .                       | 2,278               | 19 10 | 1,484            | 6 2   | 381       | 16 9  | 541           | 0 0   | 27          | 19 9  | 26 18 4              | ..    | 2,435  | 2 8   | (Dr.)  | 156 2 10    | ..  | ..                           | ..   | ..    | ..   | 2,275  | 5 6                         |       |                             |       |
| 14. Dromana-Portsea .. .. .                | 8,525               | 13 1  | 3,561            | 10 3  | 150       | 15 10 | 1,535         | 0 0   | 12          | 1 1   | 0 7 1                | ..    | 5,286  | 5 6   | (Cr.)  | 3,239 7 7   | 1 5 6                                       | (A)                          | 67 11 6  | ..    | ..   | 9,304  | 0 6                         |       |                             |       |
| 15. Epsom .. .. .                          | 969                 | 18 9  | 684              | 16 0  | 324       | 10 7  | 39            | 0 0   | 14          | 17 0  | ..                   | ..    | 949    | 8 1   | (Cr.)  | 20 10 8     | ..  | ..                           | ..   | ..    | ..   | 1,167  | 10 7                        |       |                             |       |
| 16. Fingert .. .. .                        | 1,027               | 11 2  | 306              | 10 7  | 47        | 15 2  | 113           | 0 0   | 23          | 14 9  | 0 7 1                | ..    | 767    | 15 11 | (Cr.)  | 259 15 3    | 0 7 1                                       | ..                           | ..   | ..    | ..   | 1,224  | 8 0                         |       |                             |       |
| 17. Maroo .. .. .                          | 1,257               | 0 5   | 132              | 5 2   | 146       | 11 1  | 33            | 0 0   | 3           | 11 0  | ..                   | ..    | 216    | 11 4  | (Cr.)  | 10 9 1      | 2 6 3                                       | ..                           | ..   | ..    | ..   | 455    | 13 9                        |       |                             |       |
| 18. Merbein .. .. .                        | 1,357               | 6 7   | 1,621            | 5 5   | 107       | 3 11  | 75            | 0 0   | 10          | 17 0  | 1 0 0                | ..    | 1,915  | 13 6  | (Dr.)  | 368 6 11    | ..  | ..                           | ..   | ..    | ..   | 969    | 2 11                        |       |                             |       |
| 19. Minyip .. .. .                         | 752                 | 10 11 | 658              | 5 11  | 1,352     | 14 9  | 848           | 0 0   | 135         | 15 0  | ..                   | ..    | 549    | 11 6  | (Cr.)  | 97 0 7      | 1 5 8                                       | (B)                          | 0 9 0  | ..    | ..   | 12,757 | 13 5                        |       |                             |       |
| 20. Mornington .. .. .                     | 5,771               | 15 1  | 2,472            | 15 6  | 1,852     | 14 0  | 50            | 0 0   | 10          | 7 2   | 121 4 9              | ..    | 5,430  | 10 0  | (Dr.)  | 341 5 1     | ..  | (A)                          | 31 1 0   | ..    | ..   | 438    | 11 5                        |       |                             |       |
| 21. Nairn .. .. .                          | 386                 | 18 5  | 288              | 15 8  | 142       | 6 6   | 50            | 0 0   | 24          | 19 1  | ..                   | ..    | 491    | 9 4   | (Cr.)  | 104 10 11   | ..  | ..                           | ..   | ..    | ..   | 2,035  | 18 6                        |       |                             |       |
| 22. Pakenham .. .. .                       | 1,332               | 14 8  | 566              | 2 5   | 338       | 10 0  | 231           | 0 0   | 2           | 19 1  | ..                   | ..    | 1,160  | 11 6  | (Cr.)  | 172 2 7     | ..  | ..                           | ..   | ..    | ..   | 4      | 19 8                        |       |                             |       |
| 23. Pimpino .. .. .                        | 444                 | 5 4   | 286              | 3 8   | 45        | 6 7   | 39            | 0 0   | 3           | 9 0   | ..                   | ..    | 373    | 19 3  | (Cr.)  | 4 19 8      | 18 2 6                                      | ..                           | ..   | ..    | ..   | 1,314  | 18 9                        |       |                             |       |
| 24. Pyramid Hill .. .. .                   | 3,398               | 2 1   | 11,799           | 16 7  | 573       | 4 7   | 514           | 0 0   | 42          | 2 8   | ..                   | ..    | 12,929 | 3 10  | (Cr.)  | 70 6 1      | 0 7 9                                       | ..                           | 10,638   | 3 1   | ..   | ..     | ..                          | ..    |                             |       |
| 25. Queenscliff and Point Lonsdale .. .. . | 1,090               | 7 7   | 668              | 19 4  | 266       | 2 9   | 48            | 0 0   | 19          | 10 6  | ..                   | ..    | 1,002  | 12 7  | (Dr.)  | 87 15 0     | ..  | (B)                          | 0 2 6  | ..    | ..   | 4,204  | 17 7                        |       |                             |       |
| 26. Rainbow .. .. .                        | 652                 | 12 2  | 602              | 18 2  | 147       | 1 9   | 57            | 0 0   | 10          | 17 2  | ..                   | ..    | 817    | 17 1  | (Dr.)  | 165 4 11    | 1 17 0                                      | (B)                          | 6 6 0  | ..    | ..   | 246    | 12 2                        |       |                             |       |
| 27. Rupanyup .. .. .                       | 2,855               | 16 0  | 1,269            | 9 3   | 161       | 2 11  | 59            | 0 0   | 11          | 15 11 | ..                   | ..    | 411    | 2 11  | (Dr.)  | 125 6 11    | ..  | (B)                          | 23 13 9  | ..    | ..   | 774    | 6 3                         |       |                             |       |
| 28. Somerville .. .. .                     | 2,817               | 18 0  | 1,269            | 9 3   | 904       | 3 2   | 312           | 0 0   | 66          | 8 10  | ..                   | ..    | 2,552  | 1 3   | (Cr.)  | 265 16 9    | ..  | (A)                          | 13 3 6   | ..    | ..   | 5,220  | 3 4                         |       |                             |       |
| 29. South Frankston .. .. .                | 2,591               | 3 10  | 1,587            | 17 5  | 991       | 11 4  | 506           | 0 0   | 72          | 5 8   | ..                   | ..    | 3,157  | 14 5  | (Dr.)  | 566 10 7    | ..  | (B)                          | 1 4 0  | 722   | 18 6   | ..     | 52                          | 11 4  |                             |       |
| 30. Terang .. .. .                         | 262                 | 13 0  | 337              | 13 7  | 4         | 7 8   | 35            | 0 0   | 0           | 8 0   | ..                   | ..    | 377    | 9 3   | (Dr.)  | 124 16 3    | ..  | ..                           | 140  | 17 2  | ..   | ..     | ..                          | ..    |                             |       |
| 31. Watchem .. .. .                        | 82,065              | 1 2   | 52,466           | 7 4   | 20,151    | 6 5   | 12,473        | 0 0   | 1,472       | 19 11 | 191 17 9             | ..    | 86,755 | 11 5  | {(Cr.) 8,242 4 8;<br>(Dr.) 12,932 14 11}                       | ..          | 117 16 1                                    | {(A) 318 18 2;<br>(B) 8 5 6} | 14,197   | 5 10  | 11,710   | 10 2   | 104,289                     | 3 8   |                             |       |
| Total .. .. .                              | ..                  | ..    | ..               | ..    | ..        | ..    | ..            | ..    | ..          | ..    | ..                   | ..    | ..     | ..    | ..   | ..          | ..  | ..                           | ..   | ..    | ..   | ..     | ..                          | ..    | ..                          | ..    |



FLOOD PROTECTION DISTRICTS.

CASH ACCOUNT.

STATEMENT of Moneys received and disbursed from 1st July, 1920, to 30th June, 1947, also of Interest and Redemption charged for Financial Year 1946-47.

| District.             | Receipts.                                     |   |                             | Expenditure. |           |            |              |          |   | Accumulated.  |   |  |        |       |
|-----------------------|---|---|-----------------------------|--------------|-----------|------------|--------------|----------|---|---|---|--|--------|-------|
|                       | Receipts<br>Year Ended<br>30th June,<br>1947. | Total<br>1920 to<br>30th June,<br>1947. | Year ended 30th June, 1947. |              |           |            |              |          | Excess<br>Receipts<br>over<br>Expenditure<br>1946-47. | Excess<br>Expenditure<br>over<br>Receipts<br>1946-47. | Surplus<br>as at<br>30th June,<br>1947. | Deficiency<br>chargeable<br>to State<br>Account as at<br>30th June,<br>1947. |        |       |
|                       |   |   | Operating<br>Costs.         |              | Interest. |            | Redemption.  |          |   |   |   |  | Total. |       |
|                       |   |   | £                           | s. d.        | £         | s. d.      | £            | s. d.    |   |   |   |  | £      | s. d. |
| 1. Cardinia ..        | 2,065 12 3                                    | 52,978 14 0                             | 2,671 12 9                  | ..           | ..        | 2,671 12 9 | 50,314 19 6  | 283 19 6 | ..  | 5,967 13 8  | 3,303 19 2                              |  |        |       |
| 2. Kanyapella ..      | 184 10 7                                      | 5,774 12 5                              | 41 9 4                      | ..           | ..        | 41 9 4     | 4,761 13 10  | 98 1 3   | ..  | 1,012 18 7  | ..                                      |  |        |       |
| 3. Loch Garry ..      | 602 1 3                                       | 19,274 16 3                             | 172 14 6                    | ..           | ..        | 172 14 6   | 16,454 13 4  | 429 6 9  | ..  | 2,820 2 11  | ..                                      |  |        |       |
| 4. Lower Kooweerup .. | 4,876 19 7                                    | 103,648 12 9                            | 5,572 4 1                   | ..           | ..        | 5,572 4 1  | 107,485 9 11 | ..       | 695 4 6   | 4,112 4 6   | 7,949 1 8                               |  |        |       |
| Totals ..             | 8,569 3 8                                     | 181,676 15 5                            | 8,458 0 8                   | ..           | ..        | 8,458 0 8  | 179,016 16 7 | 806 7 6  | 695 4 6   | 13,912 19 8   | 11,253 0 10                             |  |        |       |

PROFIT AND LOSS ACCOUNT FOR FINANCIAL YEAR 1946-47.

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

| District.             | Expenditure.         |                       |               |               |                      | Profit and Loss.     |                                     |                                     |   |  |  |
|-----------------------|----------------------|-----------------------|---------------|---------------|----------------------|----------------------|-------------------------------------|-------------------------------------|---|--|--|
|                       | Revenue Assessment.  | Operating Costs.      | Interest.     | Redemption.   | Amounts Written Off. | Total.               | Excess Assessment over Expenditure. | Excess Expenditure over Assessment. | Revenue Due for Previous Years Written Off. | Adjustments of Revenue for Years Prior to 1946-47. (A) Loss. (B) Gain. | Interest and Other Losses Prior to 30th June, 1938 Borne by State. (Act No. 5017). |
|                       |                      |                       |               |               |                      |                      |                                     |                                     |   |  |  |
| 1. Cardinia ..        | £ s. d.<br>2,716 3 6 | £ s. d.<br>2,671 12 9 | £ s. d.<br>.. | £ s. d.<br>.. | £ s. d.<br>10 12 3   | £ s. d.<br>2,682 5 0 | £ s. d.<br>33 18 6                  | £ s. d.<br>..                       | £ s. d.<br>7 16 5                           | £ s. d.<br>..  | £ s. d.<br>3,303 19 2  |
| 2. Kanyapella ..      | £ s. d.<br>122 8 5   | £ s. d.<br>41 9 4     | £ s. d.<br>.. | £ s. d.<br>.. | £ s. d.<br>..        | £ s. d.<br>41 9 4    | £ s. d.<br>80 19 1                  | £ s. d.<br>..                       | £ s. d.<br>..                               | £ s. d.<br>..  | £ s. d.<br>..  |
| 3. Loch Garry ..      | £ s. d.<br>363 10 0  | £ s. d.<br>172 14 6   | £ s. d.<br>.. | £ s. d.<br>.. | £ s. d.<br>2 8       | £ s. d.<br>172 17 2  | £ s. d.<br>190 12 10                | £ s. d.<br>..                       | £ s. d.<br>..                               | £ s. d.<br>..  | £ s. d.<br>..  |
| 4. Lower Kooweerup .. | £ s. d.<br>4,742 2 1 | £ s. d.<br>5,572 4 1  | £ s. d.<br>.. | £ s. d.<br>.. | £ s. d.<br>1 5 0     | £ s. d.<br>5,573 9 1 | £ s. d.<br>..                       | £ s. d.<br>831 7 0                  | £ s. d.<br>9 4 6                            | £ s. d.<br>..  | £ s. d.<br>7,949 1 8   |
| Totals ..             | £ s. d.<br>7,944 4 0 | £ s. d.<br>8,458 0 8  | £ s. d.<br>.. | £ s. d.<br>.. | £ s. d.<br>11 19 11  | £ s. d.<br>8,470 0 7 | £ s. d.<br>305 10 5                 | £ s. d.<br>831 7 0                  | £ s. d.<br>17 0 11                          | £ s. d.<br>..  | £ s. d.<br>11,253 0 10   |

DRAINAGE DISTRICTS.

CASH ACCOUNT.

STATEMENT of Moneys received and disbursed from 1st July, 1937, to 30th June, 1947; also of Depreciation charged for Financial Year 1946-47.

| District.    | Receipts.                  |         |   |            |            | Expenditure.                     |                  |               |            |                                 | Accumulated.                              |  |  |   |   |
|--------------|----------------------------|---------|---|------------|------------|----------------------------------|------------------|---------------|------------|---------------------------------|---|--|--|---|---|
|              | Year Ended 30th June, 1947 |         |   |            |            | Year Ended 30th June, 1947       |                  |               |            |                                 | Excess Receipts over Expenditure 1946-47. | Excess Expenditure over Receipts, 1946-47. | Surplus Credited to District Account at 30th June, 1947. | Deficiency Chargeable to District Account at 30th June, 1947. | Deficiency Chargeable to State Account at 30th June, 1947 (Inclusive of Column 11). |
|              | Receipts                   | 2.      | Contribution from Irrigation Districts. | 3.         | Total.     | Total, 1937, to 30th June, 1947. | Operating Costs. | Depreciation. | Total.     | Total, 1937 to 30th June, 1947. |   |  |  |   |   |
|              |                            |         |   |            |            |                                  |                  |               |            |                                 |   |  |  |   |   |
| 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.   |   |
| 1. Carrum .. | 2,658 14 5                 | ..      | ..                                      | 2,658 14 5 | 15,091 1 9 | 2,797 19 4                       | ..               | 2,797 19 4    | 14,082 8 0 | 139 4 11                        | £ s. d.                                   | £ s. d.                                    | 1,008 13 9   | £ s. d.   |   |
| Total ..     | 2,658 14 5                 | ..      | ..                                      | 2,658 14 5 | 15,091 1 9 | 2,797 19 4                       | ..               | 2,797 19 4    | 14,082 8 0 | 139 4 11                        | £ s. d.                                   | £ s. d.                                    | 1,008 13 9   | £ s. d.   |   |

The Districts set out hereunder are those whose works will not produce sufficient revenue to cover the expense of the maintenance and management thereof. The annual amount of loss resulting from the maintenance and management of these districts has been transferred to the "Revenue Expenditure Chargeable to the State Account." (By authority of Order in Council, dated 14th June, 1943, under the provisions of section 6, *Water Act 1937*, No. 4513.)

|                      |             |            |    |    |             |              |              |           |              |              |            |            |             |
|----------------------|-------------|------------|----|----|-------------|--------------|--------------|-----------|--------------|--------------|------------|------------|-------------|
| 2. Cobuna ..         | 1,923 18 0  | 3,689 0 0  | .. | .. | 5,612 18 0  | 23,797 11 0  | 4,771 19 3   | ..        | 4,771 19 3   | 27,982 12 11 | ..         | ..         | 4,185 1 11  |
| 3. Kerang East ..    | 1,301 4 10  | 1,434 0 0  | .. | .. | 2,735 4 10  | 12,760 10 0  | 1,549 18 9   | ..        | 1,549 18 9   | 10,275 5 9   | 1,185 6 1  | ..         | 424 14 0    |
| 4. Mafrá-Sale ..     | 1,332 4 3   | 2,839 0 0  | .. | .. | 4,171 4 3   | 16,303 13 1  | 4,729 5 10   | ..        | 4,729 5 10   | 24,622 10 1  | ..         | 2,505 4 11 | 5,813 12 1  |
| 5. Merbein..         | 1,613 8 10  | ..         | .. | .. | 1,613 8 10  | 15,256 13 9  | 1,648 15 5   | 568 16 1  | 2,217 11 6   | 17,688 17 7  | ..         | 396 12 8   | 2,035 11 2  |
| 6. Murrabit ..       | 231 15 9    | ..         | .. | .. | 231 15 9    | 1,020 7 9    | 1,410 0 5    | ..        | 1,410 0 5    | 4,480 19 9   | ..         | ..         | 3,469 12 0  |
| 7. Nyah ..           | 171 10 0    | ..         | .. | .. | 171 10 0    | 809 16 10    | 114 0 7      | 159 5 4   | 273 5 11     | 997 18 11    | ..         | ..         | 188 2 1     |
| 8. Red Cliffs ..     | 2,731 19 8  | ..         | .. | .. | 2,731 19 8  | 25,621 4 3   | 2,697 10 11  | 879 0 0   | 3,576 10 11  | 27,292 6 2   | ..         | ..         | 1,671 1 11  |
| 9. Rochester ..      | 1,801 18 9  | 4,310 0 0  | .. | .. | 6,111 18 9  | 24,632 8 10  | 7,779 4 8    | ..        | 7,779 4 8    | 36,650 16 4  | ..         | 947 0 1    | 11,071 7 5  |
| 10. Rodney ..        | 1,041 4 11  | 913 0 0    | .. | .. | 1,954 4 11  | 10,209 9 5   | 1,516 8 9    | ..        | 1,516 8 9    | 10,924 11 4  | ..         | 389 17 8   | 325 4 3     |
| 11. Shepparton ..    | 3,909 19 11 | 2,243 0 0  | .. | .. | 6,152 19 11 | 31,606 11 4  | 5,263 1 1    | ..        | 5,263 1 1    | 39,594 11 0  | ..         | 1,003 5 6  | 6,984 14 2  |
| 12. Tongala-Stanhope | 3,342 16 10 | 3,604 0 0  | .. | .. | 6,946 16 10 | 36,186 4 8   | 13,318 13 11 | ..        | 13,318 13 11 | 67,331 6 1   | ..         | 2,527 9 9  | 28,617 11 8 |
| 13. Werrabee ..      | 696 18 2    | 259 0 0    | .. | .. | 955 18 2    | 6,722 15 1   | 990 13 3     | ..        | 990 13 3     | 6,021 15 2   | 744 16 2   | ..         | 43 16 3     |
| 14. Woodreen ..      | 490 4 0     | ..         | .. | .. | 490 4 0     | 4,105 2 4    | 987 8 8      | 213 0 0   | 1,200 8 8    | 6,659 19 11  | ..         | ..         | 2,554 17 7  |
| Totals ..            | 20,589 3 11 | 19,291 0 0 | .. | .. | 39,880 3 11 | 209,022 8 4  | 46,777 1 6   | 1,820 1 5 | 48,597 2 11  | 280,532 11 0 | 3,644 14 5 | 7,769 10 7 | 67,385 6 6  |
| Grand Totals         | 23,247 18 4 | 19,291 0 0 | .. | .. | 42,538 18 4 | 234,113 10 1 | 49,575 0 10  | 1,820 1 5 | 51,395 2 3   | 294,614 19 0 | 4,653 8 2  | 7,769 10 7 | 67,385 6 6  |

DRAINAGE DISTRICTS.

PROFIT AND LOSS ACCOUNT FOR FINANCIAL YEAR 1946-47.

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

| District.       | Expenditure.         |                       |               |                      |                       | Profit and Loss.                    |                                     |   |  |  |                             |                             |
|-----------------|----------------------|-----------------------|---------------|----------------------|-----------------------|-------------------------------------|-------------------------------------|---|--|--|-----------------------------|-----------------------------|
|                 | Revenue Assessment.  | 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 1945-46. (A) Loss. (B) Gain. | Interest and Other Losses Prior to 30th June, 1938 Borne by State. (Act No. 5017.) | Loss since 30th June, 1938. | Gain as at 30th June, 1947. |
| 1. Carrum .. .. | £ s. d.<br>2,364 7 5 | £ s. d.<br>2,797 19 4 | £ s. d.<br>.. | £ s. d.<br>..        | £ s. d.<br>2,797 19 4 | £ s. d.<br>..                       | £ s. d.<br>433 11 11                | £ s. d.<br>17 6 11                          | £ s. d.<br>..  | £ s. d.<br>..  | £ s. d.<br>..               | £ s. d.<br>1,891 14 6       |
| Total .. ..     | 2,364 7 5            | 2,797 19 4            | ..            | ..                   | 2,797 19 4            | ..                                  | 433 11 11                           | 17 6 11                                     | ..   | ..   | ..                          | 1,891 14 6                  |

The Districts set out hereunder, are those whose works will not produce sufficient revenue to cover the expense of the maintenance and management thereof. The annual amount of loss resulting from the maintenance of these districts has been transferred to the "Revenue Expenditure Chargeable to the State Account". (By authority of Order in Council dated 14th June, 1943, under the provisions of Section 6, *Water Act* 1937, No. 4513.)

|                            |               |              |           |         |              |            |              |         |                             |            |              |             |
|----------------------------|---------------|--------------|-----------|---------|--------------|------------|--------------|---------|-----------------------------|------------|--------------|-------------|
| 2. Cohuna .. ..            | *5,560 14 1   | 4,771 19 3   | ..        | 0 11 2  | 4,772 10 5   | 788 3 8    | ..           | 12 1 6  | ..                          | 523 17 8   | 3,600 15 6   | ..          |
| 3. Kerang East .. ..       | *2,615 18 2   | 1,549 18 9   | ..        | ..      | 1,549 18 9   | 1,065 19 5 | ..           | ..      | ..                          | 424 14 0   | ..           | 3,609 19 11 |
| 4. Maffra-Sale .. ..       | *4,159 11 8   | 4,729 5 10   | ..        | 0 2 11  | 4,729 8 9    | ..         | 569 17 1     | ..      | ..                          | ..         | 8,285 12 9   | ..          |
| 5. Merbein .. ..           | 1,619 11 10   | 1,648 15 5   | 535 0 0   | 0 1 6   | 2,183 16 11  | ..         | 564 5 1      | ..      | ..                          | 236 2 10   | 2,185 18 6   | ..          |
| 6. Murrabit .. ..          | 213 19 9      | 1,410 0 5    | ..        | 1 16 3  | 1,411 16 8   | ..         | 1,197 16 11  | ..      | ..                          | ..         | 3,428 9 1    | ..          |
| 7. Nyah .. ..              | 183 17 4      | 114 0 7      | 95 0 0    | ..      | 209 0 7      | ..         | 25 3 3       | ..      | ..                          | ..         | 173 10 5     | ..          |
| 8. Red Cliffs .. ..        | 2,699 11 0    | 2,697 10 11  | 879 0 0   | 0 17 2  | 3,577 8 1    | ..         | 877 17 1     | 6 10 0  | (A) 1 0 0                   | 153 7 2    | 1,492 0 6    | ..          |
| 9. Rochester .. ..         | *6,077 3 8    | 7,779 4 8    | ..        | ..      | 7,779 4 8    | ..         | 1,702 1 0    | 21 14 3 | ..                          | 1,178 16 9 | 10,224 7 6   | ..          |
| 10. Rodney .. ..           | *1,838 4 5    | 1,516 8 9    | ..        | 0 1 2   | 1,516 9 11   | 321 14 6   | ..           | 2 11 2  | ..                          | 325 4 3    | 57 6 6       | ..          |
| 11. Shepparton .. ..       | *6,136 7 11   | 5,263 1 1    | ..        | 2 16 0  | 5,265 17 1   | 870 10 10  | ..           | 6 4 1   | ..                          | 402 11 8   | 7,512 1 4    | ..          |
| 12. Tongala-Stanhope .. .. | *6,759 17 1   | 13,318 13 11 | ..        | 4 12 2  | 13,323 6 1   | ..         | 6,563 9 0    | 10 2 4  | (B) 2 13 2                  | 520 0 9    | 29,987 8 11  | ..          |
| 13. Werribee .. ..         | *919 19 1     | 990 13 3     | ..        | ..      | 990 13 3     | ..         | 70 14 2      | ..      | ..                          | 43 16 3    | ..           | 749 8 0     |
| 14. Woorhen .. ..          | 610 15 5      | 987 8 8      | 213 0 0   | ..      | 1,200 8 8    | ..         | 589 13 3     | ..      | ..                          | ..         | 2,416 3 10   | ..          |
| Totals .. ..               | 39,395 11 5   | 46,777 1 6   | 1,722 0 0 | 10 18 4 | 48,509 19 10 | 3,046 8 5  | 12,160 16 10 | 59 3 4  | {(A) 1 0 0}<br>{(B) 2 13 2} | 3,808 11 4 | 69,363 14 10 | 4,449 7 11  |
| Grand Totals .. ..         | *41,759 18 10 | 49,575 0 10  | 1,722 0 0 | 10 18 4 | 51,307 19 2  | 3,046 8 5  | 12,594 8 9   | 76 10 3 | {(A) 1 0 0}<br>{(B) 2 13 2} | 3,808 11 4 | 69,363 14 10 | 6,341 2 5   |

\* Includes Contributions from Irrigation Districts—Cohuna £3,689, Kerang East £1,434, Maffra-Sale £2,389, Rochester £4,310, Rodney £913, Shepparton £2,243, Tongala-Stanhope £3,604, Werribee £259. Total £19,291.

SUMMARY OF CASH ACCOUNTS, 1946-47.

| Works.                           | Receipts.                   |  |                          |  | Expenditure.                |  |   |                          |                            |  |   | Accumulated Surplus or Deficiency<br>at 30th June, 1947. |  |
|----------------------------------|-----------------------------|--|--------------------------|--|-----------------------------|--|---|--------------------------|----------------------------|--|---|--|--|
|                                  | Year Ended 30th June, 1947. |  |                          |  | Year Ended 30th June, 1947. |  |   |                          |                            |  |   |  |  |
|                                  | Receipts.                   | Contribution<br>from<br>Irrigation<br>Districts. | Total.                   | Total, 1906,<br>to<br>30th June, 1947. | Operating<br>Costs.         | Contribution<br>to<br>Drainage<br>Districts. | (A) Interest ;<br>(B) Redemption.                   | Depreciation.            | Total.                     | Total, 1906,<br>to<br>30th June, 1947. | (s) Excess Receipts<br>over Expenditure ;<br>(D) Excess Expen-<br>diture over<br>Receipts, 1946-47. |  | (D) Chargeable, or<br>(s) Credited to<br>District Account. |
| 1.                               | 2.                          | 3.   | 4.                       | 5.                                     | 6.                          | 7.   | 8.  | 9.                       | 10.                        | 11.                                    | 12.   | 13.  | 14.  |
| Colban System ..                 | £ s. d.<br>53,984 17 6      | £ s. d.<br>..                                    | £ s. d.<br>53,984 17 6   | £ s. d.<br>1,802,936 14 1              | £ s. d.<br>49,621 16 4      | £ s. d.<br>..                                | £ s. d.<br>(A)10,280 19 9                           | £ s. d.<br>17,652 15 3   | £ s. d.<br>77,555 11 4     | £ s. d.<br>2,697,221 11 3              | £ s. d.<br>{ (s) 470 2 11 }<br>{ (D) 24,040 16 9 }  | £ s. d.<br>(D) 16,063 6 7                                | £ s. d.<br>(D) 878,221 10 7                                |
| Irrigation Districts ..          | £ s. d.<br>347,033 13 11    | £ s. d.<br>..                                    | £ s. d.<br>347,033 13 11 | £ s. d.<br>7,943,182 11 10             | £ s. d.<br>302,171 4 2      | £ s. d.<br>19,291 0 0                        | £ s. d.<br>..                                       | £ s. d.<br>31,093 0 0    | £ s. d.<br>352,555 4 2     | £ s. d.<br>8,708,237 9 6               | £ s. d.<br>{ (s) 33,357 19 8 }<br>{ (D) 38,879 9 11 }   | £ s. d.<br>(s) 121,191 8 3<br>(D) 128,517 5 1            | £ s. d.<br>(s) 757,729 0 10                                |
| Irrigation<br>Divisions Urban    | £ s. d.<br>6,714 14 7       | £ s. d.<br>..                                    | £ s. d.<br>6,714 14 7    | £ s. d.<br>166,726 8 1                 | £ s. d.<br>6,042 10 11      | £ s. d.<br>..                                | £ s. d.<br>{ (A) 527 7 8 }<br>{ (B) 60 1 1 }        | £ s. d.<br>913 9 9       | £ s. d.<br>7,543 9 5       | £ s. d.<br>161,860 8 2                 | £ s. d.<br>{ (s) 255 5 2 }<br>{ (D) 1,084 0 0 }   | £ s. d.<br>(s) 8,121 14 5<br>(D) 197 19 0                | £ s. d.<br>(s) 3,057 15 6                                  |
| Waterworks Districts             | £ s. d.<br>194,662 17 3     | £ s. d.<br>..                                    | £ s. d.<br>194,662 17 3  | £ s. d.<br>3,951,311 15 3              | £ s. d.<br>375,154 12 6     | £ s. d.<br>..                                | £ s. d.<br>{ (A) 8,367 18 5 }<br>{ (B) 609 17 4 }   | £ s. d.<br>43,989 0 0    | £ s. d.<br>428,121 8 3     | £ s. d.<br>5,996,870 9 10              | £ s. d.<br>{ (s) 15,775 19 3 }<br>{ (D) 249,234 10 3 }  | £ s. d.<br>(s) 52,210 16 2<br>(D) 213,083 6 11           | £ s. d.<br>(s) 1,884,686 3 10                              |
| Waterworks<br>Districts Urban    | £ s. d.<br>101,741 0 8      | £ s. d.<br>..                                    | £ s. d.<br>101,741 0 8   | £ s. d.<br>1,913,544 17 1              | £ s. d.<br>75,308 13 9      | £ s. d.<br>..                                | £ s. d.<br>{ (A)20,784 9 6 }<br>{ (B) 1,068 2 7 }   | £ s. d.<br>17,232 11 11  | £ s. d.<br>114,333 17 9    | £ s. d.<br>1,871,948 19 9              | £ s. d.<br>{ (s) 10,162 5 3 }<br>{ (D) 22,755 2 4 }   | £ s. d.<br>(s) 103,127 17 4<br>(D) 17,252 10 10          | £ s. d.<br>(s) 44,279 9 2                                  |
| Flood<br>Protection<br>Districts | £ s. d.<br>8,569 3 8        | £ s. d.<br>..                                    | £ s. d.<br>8,569 3 8     | £ s. d.<br>181,676 15 5                | £ s. d.<br>8,458 0 8        | £ s. d.<br>..                                | £ s. d.<br>..                                       | £ s. d.<br>..            | £ s. d.<br>8,458 0 8       | £ s. d.<br>179,016 16 7                | £ s. d.<br>{ (s) 806 7 6 }<br>{ (D) 695 4 6 }   | £ s. d.<br>(s) 13,912 19 8                               | £ s. d.<br>(s) 11,253 0 10                                 |
| Drainage Districts ..            | £ s. d.<br>23,247 18 4      | £ s. d.<br>19,291 0 0                            | £ s. d.<br>42,538 18 4   | £ s. d.<br>224,113 10 1                | £ s. d.<br>49,575 0 10      | £ s. d.<br>..                                | £ s. d.<br>..                                       | £ s. d.<br>1,820 1 5     | £ s. d.<br>51,395 2 3      | £ s. d.<br>294,614 19 0                | £ s. d.<br>{ (s) 3,353 19 10 }<br>{ (D) 12,210 3 9 }  | £ s. d.<br>(s) 4,653 8 2<br>(D) 7,769 10 7               | £ s. d.<br>(s) 67,385 6 6                                  |
| Totals ..                        | £ s. d.<br>735,954 5 11     | £ s. d.<br>19,291 0 0                            | £ s. d.<br>755,245 5 11  | £ s. d.<br>16,188,492 11 10            | £ s. d.<br>866,331 19 2     | £ s. d.<br>19,291 0 0                        | £ s. d.<br>{ (A)39,960 15 4† }<br>{ (B) 1,678 1 0 } | £ s. d.<br>112,700 18 4* | £ s. d.<br>1,039,962 13 10 | £ s. d.<br>19,909,770 14 1             | £ s. d.<br>{ (s) 64,181 19 7 }<br>{ (D) 343,899 7 6 }   | £ s. d.<br>{ (s) 303,218 4 0 }<br>{ (D) 382,883 19 0 }   | £ s. d.<br>(s) 3,646,612 7 3<br>(D) 3,046,612 7 3          |

\* Excludes direct contributions to Depreciation Fund—£476 10s. 4d.

(s) Surplus.

† Excludes Redemption paid in Respect of Plant and Machinery Account—£555 1s. 11d.

(D) Deficiency.

## SUMMARY OF PROFIT AND LOSS ACCOUNTS FOR FINANCIAL YEAR 1946-47.

| Works.                     | Expenditure.           |                        |                        |                      |   |                      | Profit and Loss.        |   |                    |   |  |                       |   |                             |                             |
|----------------------------|------------------------|------------------------|------------------------|----------------------|---|----------------------|-------------------------|---|--------------------|---|--|-----------------------|---|-----------------------------|-----------------------------|
|                            | Revenue Assessment.    | Operating Costs.       | Interest.              | Depreciation.        | (A) Redemption ;<br>(B) Contribution to Drainage Districts. | Amounts Written Off. | Total.                  | Excess--<br>(Cr.) Assessment ;<br>(Dr.) Expenditure for Year. |                    | Revenue Due for Previous Years Written Off. | Adjustments to Revenue for Years prior to 1946-47.<br>(A) Loss.<br>(B) Gain. |                       | Interest and Other Losses prior to 30th June, 1938, Borne by State. (Act No. 5017.) | Loss since 30th June, 1938. | Gain as at 30th June, 1947. |
|                            |                        |                        |                        |                      |   |                      |                         | £   | s.                 |   | d.   | £                     |   |                             |                             |
| Coliban System ..          | £ s. d.<br>55,737 13 9 | £ s. d.<br>49,621 16 4 | £ s. d.<br>10,280 19 9 | £ s. d.<br>7,755 0 0 | £ s. d.<br>(A) 733 1 10                                     | £ s. d.<br>..        | £ s. d.<br>68,390 17 11 | £ s. d.<br>{(Cr.) 456 5 6<br>(Dr.) 13,109 9 8}                | £ s. d.<br>136 3 8 | £ s. d.<br>(A) 3 17 2                       | £ s. d.<br>828,373 18 10   | £ s. d.<br>66,012 1 5 | £ s. d.<br>..   |                             |                             |
| Irrigation Districts ..    | 342,964 12 9           | 302,171 4 2            | ..                     | 14,376 0 0           | (B)19,291 0 0   | 726 1 9              | 336,564 5 11            | {(Cr.) 32,368 11 0<br>(Dr.) 25,968 4 2}                       | 1,019 10 6         | {(A) 19 18 6<br>(B) 81 6 1}                 | 668,384 11 9   | 176,427 5 9           | 217,914 17 7  |                             |                             |
| Irrigation Divisions Urban | 6,576 3 3              | 6,042 10 11            | 527 7 8                | 727 0 0              | (A) 39 5 4  | 11 5 11              | 7,347 9 10              | {(Cr.) 238 5 4<br>(Dr.) 1,009 11 11}                          | 9 4 0              | (B) 26 0 3                                  | 1,337 14 5   | 1,840 13 4            | 9,284 13 7  |                             |                             |
| Waterworks Districts       | 180,616 4 1            | 375,154 12 6           | 8,367 18 5             | 9,585 0 0            | (A) 609 17 4  | 1,995 1 1            | 395,712 9 4             | {(Cr.) 11,558 7 7<br>(Dr.) 226,654 12 10}                     | 13,957 17 1        | {(A) 4 11 10<br>(B) 345 18 7}               | 677,688 8 2  | 1,203,364 1 3         | 57,704 17 1   |                             |                             |
| Waterworks Districts Urban | 102,018 7 1            | 75,308 13 9            | 20,784 9 6             | 15,325 0 0           | (A) 1,520 0 7   | 264 4 0              | 113,202 7 10            | {(Cr.) 8,628 1 10<br>(Dr.) 19,812 2 7}                        | 418 16 10          | {(A) 384 18 8<br>(B) 15 4 3}                | 26,603 15 7  | 27,169 9 9            | 123,391 8 5   |                             |                             |
| Flood Protection Districts | 7,944 4 0              | 8,458 0 8              | ..                     | ..                   | ..  | 11 19 11             | 8,470 0 7               | {(Cr.) 305 10 5<br>(Dr.) 831 7 0}                             | 17 0 11            | ..  | 11,253 0 10  | ..                    | 18,762 12 4   |                             |                             |
| Drainage Districts ..      | 41,759 18 10*          | 49,575 0 10            | ..                     | 1,722 0 0            | ..  | 10 18 4              | 51,307 19 2             | {(Cr.) 3,046 8 5<br>(Dr.) 12,594 8 9}                         | 76 10 3            | {(A) 1 0 0<br>(B) 2 13 2}                   | 3,808 11 4   | 69,363 14 10          | 6,341 2 5   |                             |                             |
| Totals ..                  | 737,617 3 9*           | 866,331 19 2           | 39,960 15 4            | 49,490 0 0           | {(A) 2,902 5 1<br>(B)19,291 0 0}                            | 3,019 11 0           | 980,995 10 7            | {(Cr.) 56,601 10 1<br>(Dr.) 299,979 16 11}                    | 15,635 3 3         | {(A) 414 6 2<br>(B) 471 2 4}                | 2,217,450 0 11   | 1,544,177 6 4         | 433,399 11 5  |                             |                             |

\* Includes contributions from Irrigation Districts, £19,291.

DISTRICT BALANCE SHEETS AS AT 30TH JUNE, 1947.

| District.       | Liabilities.                                     |  |                       |                   |  |                          | Assets.        |                                       |                 |   |                             |   |       |           |    |    |        |    |    |       |    |    |       |        |    |    |               |
|-----------------|--|--|-----------------------|-------------------|--|--------------------------|----------------|---------------------------------------|-----------------|---|-----------------------------|---|-------|-----------|----|----|--------|----|----|-------|----|----|-------|--------|----|----|---------------|
|                 | Capital borne by—<br>(A) State.<br>(B) District. | Redemption Account.                          | Depreciation Account. | Sundry Creditors. | Accumulated Deficiency Chargeable to—<br>(A) State Account.<br>(B) District 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.    |   |       |           |    |    |        |    |    |       |    |    |       |        |    |    |               |
|                 |  |  |                       |                   |  |                          |                |                                       |                 |   | Loss since 30th June, 1938. | Interest and Other Losses prior to 30th June, 1938, Borne by State.<br>(Act No. 5017) |       |           |    |    |        |    |    |       |    |    |       |        |    |    |               |
|                 |  |  |                       |                   |  |                          |                |                                       |                 |   |                             |   |       |           |    |    |        |    |    |       |    |    |       |        |    |    |               |
| £               | s.   | d.   | £                     | s.                | d.   | £                        | s.             | d.                                    | £               | s.  | d.                          | £   | s.    | d.        |    |    |        |    |    |       |    |    |       |        |    |    |               |
| 1. Harcourt     | ..   | (A)  | 17,022                | 9                 | 3  | 232                      | 18             | 6                                     | 50              | 13  | 11                          | ..  | ..    | 17,255    | 7  | 9  | 50     | 13 | 11 | 24    | 12 | 2  | ..    | 1,115  | 8  | 9  | ..            |
| Totals          | ..   | (A)  | 17,022                | 9                 | 3  | 232                      | 18             | 6                                     | 50              | 13  | 11                          | ..  | ..    | 17,255    | 7  | 9  | 50     | 13 | 11 | 24    | 12 | 2  | ..    | 1,115  | 8  | 9  | ..            |
| COLIBAN SYSTEM. |  |  |                       |                   |  |                          |                |                                       |                 |   |                             |   |       |           |    |    |        |    |    |       |    |    |       |        |    |    |               |
| 2. Axe Creek    | ..   | (A)  | 4,908                 | 18                | 4  | ..                       | ..             | ..                                    | ..              | {(A) 226 8 9 }<br>{(B) 983 8 1 }                  | ..                          | ..  | 4,908 | 18        | 4  | .. | ..     | 21 | 2  | 6     | .. | .. | 1,188 | 14     | 4  | .. |               |
| 3. Coliban      | ..   | {(A) 1,473,997 12 2 }<br>{(B) 293,199 19 6 } | 7,743                 | 12                | 3  | 60,811                   | 6              | 10                                    | 55              | 5   | 2                           | ..  | ..    | 1,767,197 | 11 | 8  | 60,811 | 6  | 10 | 7,599 | 0  | 4  | ..    | 63,409 | 10 | 9  | 828,373 18 10 |
| 4. Marong       | ..   | {(A) 2,076 19 9 }<br>{(B) 22 18 10 }         | 14                    | 9                 | 2  | 432                      | 1              | 0                                     | 0               | 0   | 6                           | ..  | ..    | 2,114     | 0  | 8  | 432    | 1  | 0  | 53    | 6  | 11 | ..    | 298    | 7  | 7  | ..            |
| Totals          | ..   | (A) 1,480,983 10 3                           | 7,758                 | 1                 | 5  | 61,243                   | 7              | 10                                    | 55              | 5   | 8                           | ..  | ..    | 1,774,220 | 10 | 8  | 61,243 | 7  | 10 | 7,673 | 9  | 9  | ..    | 64,896 | 12 | 8  | 828,373 18 10 |
| Grand Totals    | ..   | {(A) 1,498,005 19 6 }<br>{(B) 293,222 18 4 } | 7,990                 | 19                | 11   | 61,294                   | 1              | 9                                     | 55              | 5   | 8                           | ..  | ..    | 1,791,475 | 18 | 5  | 61,294 | 1  | 9  | 7,698 | 1  | 11 | ..    | 66,012 | 1  | 5  | 828,373 18 10 |

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

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

DISTRICT BALANCE SHEETS AS AT 30TH JUNE, 1947.

| District.                       | Liabilities.            |                     |                       |                   |  |                          | Assets.        |                                       |                 |   |                             |  |   |         |    |        |     |    |         |     |    |         |        |       |        |        |        |         |        |    |    |    |    |
|---------------------------------|-------------------------|---------------------|-----------------------|-------------------|--|--------------------------|----------------|---------------------------------------|-----------------|---|-----------------------------|--|---|---------|----|--------|-----|----|---------|-----|----|---------|--------|-------|--------|--------|--------|---------|--------|----|----|----|----|
|                                 | Capital borne by State. | Redemption Account. | Depreciation Account. | Sundry Creditors. | Accumulated Deficiency Chargeable to—<br>(A) State Account.<br>(B) District 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.    |  |   |         |    |        |     |    |         |     |    |         |        |       |        |        |        |         |        |    |    |    |    |
|                                 |                         |                     |                       |                   |  |                          |                |                                       |                 |   | Loss since 30th June, 1938. | Interest and Other Losses prior to 30th June, 1938, Borne by State.<br>(Act No. 5017.) |   |         |    |        |     |    |         |     |    |         |        |       |        |        |        |         |        |    |    |    |    |
|                                 |                         |                     |                       |                   |  |                          |                |                                       |                 |   |                             |  | £   | s.      | d. |        |     |    |         |     |    |         |        |       |        |        |        |         |        |    |    |    |    |
| £                               | s.                      | d.                  | £                     | s.                | d.   | £                        | s.             | d.                                    | £               | s.  | d.                          |  |   |         |    |        |     |    |         |     |    |         |        |       |        |        |        |         |        |    |    |    |    |
| IRRIGATION DISTRICTS.           |                         |                     |                       |                   |  |                          |                |                                       |                 |   |                             |  |   |         |    |        |     |    |         |     |    |         |        |       |        |        |        |         |        |    |    |    |    |
| 1. Bacchus Marsh                | 179,122                 | 4                   | 7                     | 968               | 9  | 4                        | 217            | 17                                    | 8               | 10  | 2                           | 10   | {(A) 21,170 8 3<br>(B) 10,069 6 6<br>(C) 1,620 15 3<br>(D) 13,351 17 3<br>(E) 19,935 9 2<br>(F) 3,695 6 10<br>(G) 14,621 3 2<br>(H) 2,177 4 8<br>(I) 4,766 11 5<br>(J) 27,809 13 11<br>(K) 3,579 8 9<br>(L) 52,221 12 1<br>(M) 894 1 0<br>(N) 3,713 1 5<br>(O) ..<br>(P) 2,112 16 8<br>(Q) 6,631 4 2<br>(R) ..<br>(S) 42,582 19 3<br>(T) 33,983 19 9<br>(U) 85,834 11 4<br>(V) 60,735 9 0<br>(W) 5,647 10 8<br>(X) 2,735 16 9<br>(Y) 282 11 7<br>(Z) 6,236 10 6<br>(A) 12,114 19 4<br>(B) 2,439 2 2<br>(C) 950 14 7<br>(D) 73,180 17 6<br>(E) 42,772 7 8<br>(F) 6,272 19 10<br>(G) 15,431 14 0<br>(H) 13,553 7 1<br>(I) 523,856 19 6<br>(J) 69,768 12 0 | 180,090 | 13 | 11     | 217 | 17 | 8       | 271 | 11 | 9       | ..     | 9,807 | 17     | 7      | 21,170 | 8       | 3      |    |    |    |    |
| 2. Boort                        | 251,022                 | 7                   | 4                     | 215               | 13   | 8                        | 324            | 0                                     | 10              | 1   | 0                           | 6  | 251,238   | 1       | 0  | 324    | 0   | 10 | 3,007   | 3   | 2  | ..      | 10,345 | 14    | 7      | 1,620  | 15     | 3       |        |    |    |    |    |
| 3. Callvil                      | 194,092                 | 12                  | 9                     | 153               | 7  | 2                        | 145            | 12                                    | 7               | 2   | 5                           | 4  | 194,845   | 19      | 11 | 145    | 12  | 7  | 2,594   | 14  | 2  | 9,579   | 9      | 9     | ..     | 19,935 | 9      | 2       |        |    |    |    |    |
| 4. Campaspe                     | 18,140                  | 0                   | 8                     | ..                | ..   | ..                       | ..             | ..                                    | ..              | 2   | 0                           | 69   | 18,140  | 0       | 8  | ..     | ..  | .. | 422     | 3   | 7  | 1,648   | 7      | 6     | ..     | 3,695  | 6      | 10      |        |    |    |    |    |
| 5. Cohuna                       | 827,176                 | 18                  | 4                     | 4,025             | 5  | 5                        | 319            | 6                                     | 8               | 6   | 12                          | 7  | 831,202   | 3       | 9  | 319    | 6   | 8  | 8,295   | 19  | 3  | 26,810  | 13     | 1     | ..     | 14,621 | 3      | 2       |        |    |    |    |    |
| 6. Deakin                       | 95,269                  | 17                  | 3                     | 506               | 14   | 4                        | ..             | ..                                    | ..              | 16  | 2                           | 1  | 95,776  | 11      | 7  | ..     | ..  | .. | 3,180   | 4   | 3  | 8,449   | 6      | 3     | ..     | 2,177  | 4      | 8       |        |    |    |    |    |
| 7. Dingee                       | 73,742                  | 16                  | 5                     | 198               | 0  | 9                        | 112            | 7                                     | 10              | 3   | 19                          | 8  | 73,940  | 17      | 2  | 112    | 7   | 10 | 599     | 13  | 4  | 2,589   | 15     | 3     | ..     | 4,766  | 11     | 5       |        |    |    |    |    |
| 8. Katandra                     | 180,711                 | 7                   | 0                     | 220               | 9  | 5                        | 134            | 8                                     | 7               | ..  | ..                          | ..   | 180,931   | 16      | 5  | 134    | 8   | 7  | 2,000   | 1   | 9  | 3,978   | 16     | 3     | ..     | 27,809 | 13     | 11      |        |    |    |    |    |
| 9. Kerang                       | 382,703                 | 6                   | 2                     | 1,110             | 12   | 9                        | 66             | 18                                    | 7               | 6   | 10                          | 7  | 383,813   | 18      | 11 | 66     | 18  | 7  | 6,345   | 1   | 8  | 7,814   | 18     | 5     | ..     | 3,579  | 8      | 9       |        |    |    |    |    |
| 10. Koondrook                   | 470,140                 | 2                   | 9                     | 1,307             | 4  | 9                        | ..             | ..                                    | ..              | 8   | 5                           | 0  | 471,447   | 7       | 6  | ..     | ..  | .. | 6,653   | 16  | 2  | ..      | ..     | ..    | ..     | 52,221 | 12     | 1       |        |    |    |    |    |
| 11. Maffra-Sale                 | 1,274,100               | 2                   | 0                     | 2,447             | 15   | 0                        | 1,551          | 1                                     | 6               | 9   | 0                           | 9  | 1,276,547   | 17      | 0  | 1,551  | 1   | 6  | 4,100   | 1   | 9  | 11,820  | 14     | 5     | ..     | 3,713  | 1      | 5       |        |    |    |    |    |
| 12. Murray Valley               | 1,835,067               | 1                   | 0                     | 136               | 0  | 0                        | 432            | 2                                     | 0               | 219   | 4                           | 1  | 1,835,203   | 1       | 0  | 432    | 2   | 0  | 5,687   | 13  | 5  | 10,899  | 11     | 6     | ..     | ..     | ..     | ..      |        |    |    |    |    |
| 13. Mystic Park                 | 57,087                  | 5                   | 2                     | 101               | 8  | 8                        | ..             | ..                                    | ..              | ..  | ..                          | ..   | 57,788  | 13      | 10 | ..     | ..  | .. | 375     | 16  | 4  | ..      | ..     | ..    | 6,255  | 7      | 10     | 2,112   | 16     | 8  |    |    |    |
| 14. Nambrook-Denison (proposed) | 10,293                  | 2                   | 5                     | ..                | ..   | ..                       | ..             | ..                                    | ..              | ..  | ..                          | ..   | 10,293  | 2       | 5  | ..     | ..  | .. | ..      | ..  | .. | ..      | ..     | ..    | ..     | ..     | ..     | ..      | ..     |    |    |    |    |
| 15. North Shepparton            | 358,387                 | 13                  | 8                     | 1,052             | 13   | 5                        | 315            | 18                                    | 7               | ..  | ..                          | ..   | 359,440   | 7       | 1  | 315    | 18  | 7  | 1,943   | 11  | 5  | 6,706   | 5      | 8     | ..     | 42,582 | 19     | 3       | ..     | .. |    |    |    |
| 16. Robinvale (proposed)        | 27,651                  | 10                  | 6                     | ..                | ..   | ..                       | ..             | ..                                    | ..              | ..  | ..                          | ..   | 27,651  | 10      | 6  | ..     | ..  | .. | ..      | ..  | .. | ..      | ..     | ..    | ..     | ..     | ..     | ..      | ..     | .. |    |    |    |
| 17. Rochester                   | 1,187,825               | 11                  | 2                     | 3,408             | 12   | 1                        | 1,562          | 14                                    | 10              | 29  | 14                          | 7  | 1,191,294   | 3       | 3  | 1,562  | 14  | 10 | 20,857  | 19  | 11 | 17,134  | 19     | 5     | ..     | 33,983 | 19     | 9       | ..     | .. |    |    |    |
| 18. Rodney                      | 1,490,127               | 18                  | 5                     | 2,342             | 14   | 3                        | 1,847          | 6                                     | 8               | 6   | 4                           | 8  | 1,492,470   | 12      | 8  | 1,847  | 6   | 8  | 11,379  | 18  | 8  | 6,288   | 4      | 6     | ..     | 85,834 | 11     | 4       | ..     | .. |    |    |    |
| 19. Shepparton                  | 486,400                 | 19                  | 10                    | 899               | 3  | 8                        | 999            | 5                                     | 10              | ..  | ..                          | ..   | 487,300   | 3       | 6  | 999    | 5   | 10 | 1,987   | 19  | 9  | ..      | ..     | ..    | 3,659  | 10     | 11     | 60,735  | 9      | 0  | .. | .. |    |
| 20. South Shepparton            | 118,475                 | 7                   | 7                     | 309               | 12   | 3                        | 111            | 14                                    | 10              | ..  | ..                          | ..   | 118,784   | 19      | 10 | 111    | 14  | 10 | 198     | 15  | 2  | ..      | ..     | ..    | 83     | 16     | 5      | 2,795   | 16     | 9  | .. | .. |    |
| 21. Swan Hill                   | 479,434                 | 6                   | 9                     | 1,033             | 7  | 8                        | 4,578          | 12                                    | 0               | 24  | 14                          | 5  | 480,467   | 14      | 5  | 4,578  | 12  | 0  | 4,756   | 12  | 11 | ..      | ..     | ..    | 7,383  | 0      | 10     | 6,236   | 10     | 6  | .. | .. |    |
| 22. Third Lake                  | 50,977                  | 12                  | 5                     | 82                | 3  | 11                       | ..             | ..                                    | ..              | 2   | 2                           | 9  | 51,059  | 16      | 4  | ..     | ..  | .. | 1,050   | 1   | 11 | ..      | ..     | ..    | ..     | 2,439  | 2      | 2       | 2,439  | 2  | 2  | .. | .. |
| 23. Tongala-Stanhope            | 942,946                 | 17                  | 7                     | 2,562             | 12   | 6                        | 1,332          | 3                                     | 6               | 40  | 9                           | 10   | 945,509   | 10      | 1  | 1,332  | 3   | 6  | 17,115  | 16  | 0  | 7,470   | 6      | 3     | ..     | 73,180 | 17     | 6       | 73,180 | 17 | 6  | .. | .. |
| 24. Tragowel Plains             | 770,055                 | 13                  | 4                     | 1,461             | 1  | 9                        | 768            | 0                                     | 7               | 2   | 2                           | 8  | 771,516   | 15      | 1  | 768    | 0   | 7  | 12,968  | 5   | 2  | ..      | ..     | ..    | ..     | 42,772 | 7      | 8       | 42,772 | 7  | 8  | .. | .. |
| 25. Werribee                    | 300,241                 | 8                   | 6                     | 1,491             | 5  | 10                       | 1,001          | 18                                    | 10              | 14  | 14                          | 6  | 301,732   | 14      | 4  | 1,001  | 18  | 10 | 1,327   | 3   | 5  | ..      | ..     | ..    | 12,240 | 18     | 2      | 15,431  | 14     | 0  | .. | .. |    |
| Totals                          | 12,062,394              | 3                   | 7                     | 26,034            | 8  | 7                        | 15,821         | 11                                    | 11              | 404   | 9                           | 11   | 12,088,428  | 12      | 2  | 15,821 | 11  | 11 | 117,120 | 4   | 11 | 121,101 | 8      | 3     | 49,776 | 6      | 4      | 523,356 | 19     | 6  | .. | .. |    |

The Districts set out hereunder are those whose works will not produce sufficient revenue to cover the expense of the maintenance and management thereof, and where water supplies are being continued by direction of the Governor in Council. The annual amount of loss resulting from the maintenance and management of these districts has been transferred to the "Revenue Expenditure Chargeable to the State Account." (By authority of Orders in Council, dated 30th July, 1936, and 16th November, 1942, respectively, under the provisions of Section 6, *Water Act 1937*, No. 4313.)

|                 |    |    |                 |            |    |              |              |              |                 |                     |             |              |             |             |              |             |             |              |              |
|-----------------|----|----|-----------------|------------|----|--------------|--------------|--------------|-----------------|---------------------|-------------|--------------|-------------|-------------|--------------|-------------|-------------|--------------|--------------|
| 26. Fish Point  | .. | .. | 37,780 10 1     | ..         | .. | 34,721 13 4  | ..           | ..           | 37,780 10 1     | ..                  | ..          | 34,721 13 4  | ..          | ..          | 856 10 8     | ..          | ..          | 1,138 7 6    | 2,479 7 4    |
| 27. Merbein     | .. | .. | 470,769 9 1     | ..         | .. | 470,769 9 1  | ..           | ..           | 470,769 9 1     | ..                  | ..          | 470,769 9 1  | ..          | ..          | 3,182 5 3    | ..          | ..          | 54,397 9 11  | 35,437 11 8  |
| 28. Nyah ..     | .. | .. | 205,078 1 5     | 54 19 10   | .. | 7,274 4 8    | ..           | ..           | 205,133 1 3     | ..                  | ..          | 7,274 4 8    | ..          | ..          | 4,781 5 2    | ..          | ..          | 14,306 11 9  | 30,297 7 11  |
| 29. Red Cliffs  | .. | .. | 1,078,080 6 2   | ..         | .. | 69,905 14 1  | ..           | ..           | 1,078,080 6 2   | ..                  | ..          | 69,905 14 1  | ..          | ..          | 12,671 19 1  | ..          | ..          | 31,283 19 9  | 11,787 0 11  |
| 30. Tresco      | .. | .. | 118,100 3 1     | ..         | .. | 4,296 3 0    | ..           | ..           | 118,100 3 1     | ..                  | ..          | 4,296 3 0    | ..          | ..          | 9 0 10       | ..          | ..          | 25,524 10 6  | 65,026 4 5   |
| Totals          | .. | .. | 1,909,808 9 10  | 54 19 10   | .. | 116,197 15 1 | ..           | ..           | 1,909,863 9 8   | ..                  | ..          | 116,197 15 1 | ..          | ..          | 21,500 1 0   | ..          | ..          | 126,650 19 5 | 145,027 12 3 |
| Grand Totals .. | .. | .. | 13,972,202 13 5 | 26,089 8 5 | .. | 132,019 7 0  | 217,914 17 7 | 217,914 17 7 | 13,998,292 1 10 | 132,019 7 0         | 132,019 7 0 | 132,019 7 0  | 121,191 8 3 | 121,191 8 3 | 138,620 5 11 | 176,427 5 9 | 176,427 5 9 | 668,384 11 9 | 668,384 11 9 |
|                 |    |    |                 |            |    |              |              |              |                 | £15,234,935 Os. 6d. |             |              |             |             |              |             |             |              |              |
|                 |    |    |                 |            |    |              |              |              |                 | £15,234,935 Os. 6d. |             |              |             |             |              |             |             |              |              |

DISTRICT BALANCE SHEETS AS AT 30TH JUNE, 1947.

| District.   | Liabilities.                                     |                                      |                         |                      |   |                                   | Assets.                     |                   |  |                    |   |   |  |            |           |
|---|--|--------------------------------------|-------------------------|----------------------|---|-----------------------------------|-----------------------------|-------------------|--|--------------------|---|---|--|------------|-----------|
|   | Capital borne by—<br>(A) State.<br>(B) District. | Redemption<br>Account.               | Depredation<br>Account. | Sundry<br>Creditors. | Accumulated<br>Deficiency<br>Chargeable to—       |                                   | Profit and<br>Loss Account. | Works<br>at Cost. | Water Supply<br>Works<br>Depreciation<br>Fund. | Sundry<br>Debtors. | Accumulated<br>Surplus<br>Credited to<br>District<br>Account. | Profit and Loss Account.                          |  |            |           |
|   |  |                                      |                         |                      | (A) State<br>Account.<br>(B) District<br>Account. | Gain.                             |                             |                   |  |                    |   | Loss since<br>30th June, 1938.<br>(Act No. 5017.) | Interest and<br>Other Losses<br>prior to<br>30th June, 1938,<br>Borne by<br>State. |            |           |
|   |  |                                      |                         |                      |   |                                   |                             |                   |  |                    |   |   |  | £          | s.        |
|   | £  | s.                                   | d.                      | £                    | s.  | d.                                | £                           | s.                | d.   | £                  | s.  | d.  | £  | s.         | d.        |
| URBAN DIVISIONS.  |  |                                      |                         |                      |   |                                   |                             |                   |  |                    |   |   |  |            |           |
| 1. Bacchus Marsh  | ..   | {(A) 3,822 3 8<br>(B) 10,078 0 9 }   | 256 0 3                 | 1,407 0 11           | 0 13 10   | (A) 928 14 10                     | 1,545 15 1                  | 14,156 4 8        | 1,407 0 11                                     | 232 12 1           | 1,313 16 10   | ..  | ..   | ..         | 928 14 10 |
| 2. Cohuna   | ..   | {(A) 5,989 17 4<br>(B) 3,185 6 8 }   | 168 12 8                | 758 12 4             | 1 4 11  | ..                                | 1,794 7 3                   | 9,343 16 8        | 758 12 4                                       | 202 5 9            | 1,593 6 5   | ..  | ..   | ..         | ..        |
| 3. Lockington   | ..   | {(A) 2,126 15 9<br>(B) 121 11 9 }    | 35 0 8                  | 508 8 10             | 3 0 0   | ..                                | 652 9 3                     | 2,283 0 4         | 508 8 10                                       | 103 16 3           | 552 0 10  | ..  | ..   | ..         | ..        |
| 4. Red Cliffs   | ..   | {(A) 15,167 19 6<br>(B) 1,624 2 5 }  | 243 1 6                 | 1,512 16 8           | 5 5 8   | ..                                | 3,847 10 5                  | 17,030 10 3       | 1,512 16 8                                     | 579 17 9           | 3,277 11 6  | ..  | ..   | ..         | ..        |
| 5. Tallygaroopna  | ..   | {(A) 1,027 8 1<br>(B) .. }           | ..                      | ..                   | ..  | ..                                | ..                          | 1,027 8 1         | ..   | ..                 | ..  | ..  | ..   | ..         | ..        |
| Totals  | ..   | {(A) 28,134 4 4<br>(B) 15,009 1 7 }  | 702 15 1                | 4,186 18 9           | 10 4 5  | (A) 928 14 10                     | 7,840 2 0                   | 43,841 0 0        | 4,186 18 9                                     | 1,118 11 10        | 6,736 15 7  | ..  | ..   | ..         | 928 14 10 |
| The Divisions set out hereunder are those whose works will not produce sufficient revenue to cover the expense of the maintenance, and management thereof, and where water supplies are being continued by direction of the Governor in Council. The annual amount of loss resulting from the maintenance and management of these divisions has been transferred to the "Revenue Expenditure Chargeable to the State Account." (By authority of Orders in Council, dated 30th July, 1938, and 18th December, 1944, respectively, under the provisions of Section 6 <i>Water Act 1937</i> , No. 4513.) |  |                                      |                         |                      |   |                                   |                             |                   |  |                    |   |   |  |            |           |
| 6. Corop  | ..   | {(A) 231 15 6<br>(B) .. }            | ..                      | 67 8 8               | 0 8 5   | (A) 62 8 1                        | 24 6 0                      | 231 15 6          | 67 8 8   | 14 1 4             | 10 13 1   | ..  | ..   | 62 8 1     | ..        |
| 7. Dingee   | ..   | {(A) 1,579 12 0<br>(B) .. }          | ..                      | 74 10 10             | 0 2 0   | {(A) 234 6 2<br>(B) 167 2 10 }    | ..                          | 1,579 12 0        | 74 10 10                                       | 5 0 1              | ..  | 303 0 5   | 303 0 5  | 93 10 6    | ..        |
| 8. Heyfield   | ..   | {(A) 12,945 5 1<br>(B) .. }          | ..                      | 1,287 19 0           | 1 0 4   | (A) 976 16 6                      | ..                          | 12,945 5 1        | 1,287 19 0                                     | 58 11 6            | ..  | 758 6 2   | 758 6 2  | 160 19 2   | ..        |
| 9. Lettichville   | ..   | {(A) 3,876 11 3<br>(B) .. }          | 23 19 8                 | 504 11 0             | 1 4 3   | ..                                | 450 17 8                    | 3,900 10 11       | 504 11 0                                       | 40 7 1             | 411 14 10   | ..  | ..   | ..         | ..        |
| 10. Murrabit  | ..   | {(A) 1,030 18 3<br>(B) .. }          | ..                      | 313 16 8             | ..  | {(A) 855 9 11<br>(B) 30 16 2 }    | ..                          | 1,030 18 3        | 313 16 8                                       | 14 17 6            | ..  | 779 6 9   | 779 6 9  | 92 1 10    | ..        |
| 11. Stanhope  | ..   | {(A) 1,492 14 6<br>(B) .. }          | 21 4 4                  | 307 18 3             | 0 12 11   | ..                                | 969 7 11                    | 1,513 18 10       | 307 18 3                                       | 7 9 11             | 962 10 11   | ..  | ..   | ..         | ..        |
| Totals  | ..   | {(A) 21,156 16 7<br>(B) .. }         | 45 4 0                  | 2,556 4 5            | 3 7 11  | {(A) 2,129 0 8<br>(B) 197 19 0 }  | 1,444 11 7                  | 21,202 0 7        | 2,556 4 5                                      | 140 7 5            | 1,384 18 10   | 1,840 13 4  | 1,840 13 4   | 408 19 7   | ..        |
| Grand Totals  | ..   | {(A) 49,291 0 11<br>(B) 15,009 1 7 } | 747 19 1                | 6,743 3 2            | 13 12 4   | {(A) 3,057 15 6<br>(B) 197 19 0 } | 9,284 13 7                  | 65,043 0 7        | 6,743 3 2                                      | 1,258 19 3         | 8,121 14 5  | 1,840 13 4  | 1,840 13 4   | 1,337 14 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 *Water Act* 1937, No. 4513.)

DISTRICT BALANCE SHEETS AS AT 30TH JUNE, 1947.

| District.                 | Liabilities.                                     |                        |                          |                      |   |                             | Assets.        |                   |   |                   |   |  |  |    |    |
|---------------------------|--|------------------------|--------------------------|----------------------|---|-----------------------------|----------------|-------------------|---|-------------------|---|--|--|----|----|
|                           | Capital borne by—<br>(A) State.<br>(B) District. | Redemption<br>Account. | Depreciation<br>Account. | Sundry<br>Creditors. | Accumulated<br>Deficiency<br>Chargeable to—<br>(A) State Account.<br>(B) District<br>Account. | Profit and<br>Loss Account. |                | Works<br>at Cost. | Water<br>Supply<br>Works<br>Depreciation<br>Fund. | Sundry<br>Debtors | Accumulated<br>Surplus<br>Credited to<br>District<br>Account. | Profit and Loss Account.   |  |    |    |
|                           |  |                        |                          |                      |   | £                           | s. d.          |                   |   |                   |   | Loss since<br>30th June, 1938.<br>Borne by State.<br>(Act No. 5017.) | Interest and<br>Other Losses<br>prior to<br>30th June, 1938. |    |    |
|                           | £  | s.                     | d.                       | £                    | s.  | d.                          | £              | s.                | d.  | £                 | s.  | d.   | £  | s. | d. |
| WATERWORKS DISTRICTS.     |  |                        |                          |                      |   |                             |                |                   |   |                   |   |  |  |    |    |
| 1. Bellarine Peninsula    | {(A) 219,243 17 4 }<br>{(B) 83,187 4 2 }         | 1,887 5 1              | ..                       | 64 10 0              | (A) 9,927 9 8   | 16,393 12 6                 | 304,318 6 7    | ..                | 481 10 0  | 15,976 12 6       | ..  | 9,927 9 8  |  |    |    |
| 2. East Loddon ..         | (A) 2,227 13 8                                   | 3,281 9 1              | ..                       | 1 3 5                | ..  | 257 6 5                     | 5,509 2 9      | ..                | 111 5 9   | 147 4 1           | ..  | ..   |  |    |    |
| 3. Loddon ..              | (A) 2,933 13 7                                   | 4,320 17 6             | ..                       | 0 0 10               | (B) 1,767 2 10  | ..                          | 7,254 11 1     | ..                | 141 19 0  | ..                | 1,625 4 8   | ..   |  |    |    |
| 4. Mornington Peninsula   | {(A) 253,001 9 8 }<br>{(B) 64,725 9 11 }         | 1,276 12 11            | ..                       | 14 15 8              | (A) 1,077 12 3  | 33,470 4 5                  | 319,003 12 6   | ..                | 739 18 5  | 32,745 1 8        | ..  | 1,077 12 3   |  |    |    |
| 5. Newstead ..            | (A) 4,636 6 10                                   | ..                     | ..                       | ..                   | ..  | 146 0 0                     | 4,636 6 10     | ..                | ..  | 146 0 0           | ..  | ..   |  |    |    |
| 6. Normansville ..        | (A) 26,948 9 9                                   | 222 1 11               | ..                       | 0 0 6                | (B) 6,258 1 4   | ..                          | 27,170 11 8    | ..                | 3,640 3 4   | ..                | 2,617 18 6  | ..   |  |    |    |
| 7. Otway ..               | {(A) 89,055 10 7 }<br>{(B) 90,632 15 0 }         | 2,187 8 11             | 16,676 9 11              | 23 6 7               | (B) 3,882 9 10  | ..                          | 181,925 14 6   | 16,676 9 11       | 373 7 2   | ..                | 3,532 9 3   | ..   |  |    |    |
| 8. Werribee ..            | (A) 11,513 6 0                                   | 82 12 10               | ..                       | ..                   | (A) 2,221 10 10   | 1,319 15 9                  | 11,595 18 10   | ..                | 100 3 1   | 1,219 12 8        | ..  | 2,221 10 10  |  |    |    |
| 9. Western Wimmera        | (A) 359,854 2 5                                  | 177 10 2               | 6,135 13 2               | 38 13 9              | {(A) 13,428 5 1 }<br>{(B) 26,786 11 11 }  | ..                          | 360,081 12 7   | 6,135 13 2        | 2,267 18 10                                       | ..                | 24,557 6 10   | 13,428 5 1   |  |    |    |
| 10. West Loddon ..        | (A) 8,576 9 4                                    | 3,764 7 3              | ..                       | 6 15 7               | (B) 899 19 4  | 106 2 5                     | 12,340 16 7    | ..                | 1,012 17 4  | ..                | ..  | ..   |  |    |    |
| 11. Wimmera United        | (A) 293,760 7 10                                 | 965 12 11              | 355 11 9                 | 144 2 0              | (B) 8,617 6 8   | ..                          | 294,726 0 9    | 355 11 9          | 6,936 10 7  | ..                | 1,824 18 1  | ..   |  |    |    |
| 12. Wychitella (proposed) | (A) 90,997 1 6                                   | ..                     | ..                       | ..                   | ..  | ..                          | 90,997 1 6     | ..                | ..  | ..                | ..  | ..   |  |    |    |
| Totals                    | {(A) 1,371,748 8 6 }<br>{(B) 238,595 9 1 }       | 18,165 18 7            | 23,167 14 10             | 293 8 4              | {(A) 26,654 17 10 }<br>{(B) 48,211 11 11 }  | 51,693 1 6                  | 1,628,509 16 2 | 23,167 14 10      | 15,805 13 6                                       | 50,234 10 11      | 34,157 17 4   | 26,654 17 10   |  |    |    |

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

|                     |                   |          |            |          |   |         |               |            |            |    |             |              |
|---------------------|-------------------|----------|------------|----------|---|---------|---------------|------------|------------|----|-------------|--------------|
| 13. Birchlip        | (A) 141,982 3 10  | 381 13 5 | ..         | 255 16 8 | {(A) 37,981 5 11 }<br>{(B) 5,334 11 0 } | ..      | 142,363 17 3  | ..         | 4,099 19 4 | .. | 14,710 14 6 | 24,760 19 9  |
| 14. Carwarp         | (A) 41,470 7 5    | ..       | 2,453 6 4  | ..       | {(A) 84,058 8 1 }<br>{(B) 3,539 8 8 }   | ..      | 41,470 7 5    | 2,453 6 4  | 3,307 7 8  | .. | 30,743 10 3 | 53,546 18 10 |
| 15. Carwarp Central | (A) 2,363 1 10    | ..       | 213 0 7    | ..       | {(A) 4,337 3 1 }<br>{(B) 763 19 2 }     | ..      | 2,363 1 10    | 213 0 7    | 697 1 11   | .. | 2,977 15 4  | 1,426 5 0    |
| 16. Coreena         | (A) 47,347 18 2   | ..       | 8,190 10 0 | 37 7 4   | {(A) 60,663 1 1 }<br>{(B) 2,922 13 10 } | ..      | 47,347 18 2   | 8,190 10 0 | 8,908 12 4 | .. | 29,262 13 5 | 25,451 16 6  |
| 17. Hindmarsh       | (A) 19,874 13 10  | 103 4 3  | 1,739 8 3  | 0 8 1    | {(A) 301 13 1 }<br>{(B) 110,307 11 8 }  | 730 2 4 | 19,977 18 1   | 1,739 8 3  | 1,032 3 6  | .. | ..          | ..           |
| 18. Karkaroc        | (A) 317,154 17 10 | ..       | ..         | 5 6 7    | {(A) 13,179 4 6 }                       | ..      | 317,154 17 10 | ..         | 7,691 1 8  | .. | 74,536 4 0  | 41,264 17 1  |

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

DISTRICT BALANCE SHEETS AS AT 30TH JUNE, 1947.

| District.                       | Liabilities.                                     |                        |                          |                      |  |                          | Assets.                        |                   |   |                    |   |  |  |       |    |
|---------------------------------|--|------------------------|--------------------------|----------------------|--|--------------------------|--------------------------------|-------------------|---|--------------------|---|--|--|-------|----|
|                                 | Capital borne by—<br>(A) State.<br>(B) District. | Redemption<br>Account. | Depreciation<br>Account. | Sundry<br>Creditors. | Accumulated<br>Deficiency<br>Chargeable to—    |                          | Profit and<br>Loss<br>Account. | Works<br>at Cost. | Water<br>Supply<br>Works<br>Depreciation<br>Fund. | Sundry<br>Debtors. | Accumulated<br>Surplus<br>Credited to<br>District<br>Account. | Profit and Loss Account.   |  |       |    |
|                                 |  |                        |                          |                      | (A) State<br>Account.                          | (B) District<br>Account. |                                |                   |   |                    |   | Loss since<br>30th June, 1938.<br>Borne by State.<br>(Act No. 5017.) | Interest and<br>Other Losses<br>prior to<br>30th June, 1938.<br>Borne by State.<br>(Act No. 5017.) |       |    |
|                                 |  |                        |                          |                      |  |                          |                                |                   |   |                    |   |  |  | Gain. |    |
|                                 | £  | s.                     | d.                       | £                    | s.   | d.                       | £                              | s.                | d.  | £                  | s.  | d.   | £  | s.    | d. |
| WATERWORKS DISTRICTS—continued. |  |                        |                          |                      |  |                          |                                |                   |   |                    |   |  |  |       |    |
| 19. Kerang North-West Lakes     | (A) 3,905 19 0                                   | ..                     | ..                       | ..                   | { (A) 1,385 19 5 }<br>{ (B) 83 3 9 }           | ..                       | ..                             | 3,905 19 0        | ..  | 171 1 4            | ..  | 466 11 5   | 831 10 5   |       |    |
| 20. Long Lake ..                | (A) 172,175 6 4                                  | ..                     | 1,802 18 9               | 37 0 10              | { (A) 87,916 5 2 }<br>{ (B) 29,289 10 10 }     | ..                       | ..                             | 172,175 6 4       | 1,802 18 9  | 25,062 7 11        | ..  | 69,277 3 1   | 22,303 5 10  |       |    |
| 21. Millewa ..                  | (A) 484,463 9 0                                  | ..                     | 30,043 13 10             | 4 8 9                | { (A) 270,963 4 7 }<br>{ (B) 9,567 8 2 }       | ..                       | ..                             | 484,463 9 0       | 30,043 13 10                                      | 18,302 16 5        | ..  | 169,941 18 6   | 92,290 6 7   |       |    |
| 22. Millewa Central ..          | (A) 170,647 0 0                                  | ..                     | 11,956 7 3               | 0 17 4               | { (A) 167,978 3 6 }<br>{ (B) 5,625 2 2 }       | ..                       | ..                             | 170,647 0 0       | 11,956 7 3  | 11,927 11 9        | ..  | 111,398 4 7  | 50,278 6 8   |       |    |
| 23. Sea Lake ..                 | (A) 193,160 5 1                                  | ..                     | ..                       | 826 1 6              | { (A) 62,982 5 5 }<br>{ (B) 8,185 14 11 }      | ..                       | ..                             | 193,160 5 1       | ..  | 8,370 16 10        | ..  | 34,000 2 9   | 29,623 2 3   |       |    |
| 24. Tyntynder ..                | (A) 377,416 3 3                                  | ..                     | 216 18 1                 | 89 6 11              | { (A) 230,383 6 4 }<br>{ (B) 29,188 7 1 }      | ..                       | ..                             | 377,416 3 3       | 216 18 1  | 39,643 12 10       | ..  | 114,224 11 0   | 105,792 16 6   |       |    |
| 25. Tyrell ..                   | (A) 252,954 3 3                                  | ..                     | 443 0 1                  | 35 19 8              | { (A) 210,958 18 7 }<br>{ (B) 16,456 5 8 }     | ..                       | ..                             | 252,954 3 3       | 443 0 1   | 23,278 4 11        | ..  | 146,842 13 2   | 57,330 5 10  |       |    |
| 26. Tyrell West ..              | (A) 430,144 6 9                                  | ..                     | 2,348 19 5               | 81 2 8               | { (A) 428,613 12 5 }<br>{ (B) 26,991 3 4 }     | ..                       | ..                             | 430,144 6 9       | 2,348 19 5  | 33,580 17 4        | ..  | 334,679 6 10   | 97,425 14 3  |       |    |
| 27. Upper Western Wimmera       | (A) 87,454 7 6                                   | ..                     | 169 1 2                  | 2 11 2               | ..   | 3,804 17 9               | ..                             | 87,454 7 6        | 169 1 2   | 1,631 3 8          | 1,976 5 3   | ..   | ..   |       |    |
| 28. Upper Wimmera United        | (A) 120,368 8 3                                  | 1,005 14 11            | ..                       | 170 3 2              | { (A) 15,153 7 11 }<br>{ (B) 4,639 13 10 }     | ..                       | ..                             | 121,874 3 2       | ..  | 4,812 19 3         | ..  | 15,150 5 8   | ..   |       |    |
| 29. Waipeup West ..             | (A) 35,940 4 0                                   | ..                     | 2,737 9 7                | 11 2 7               | { (A) 8,968 11 2 }<br>{ (B) 3,321 0 10 }       | 1,676 15 6               | ..                             | 35,940 4 0        | 2,737 9 7   | 5,780 3 2          | ..  | ..   | 8,197 6 11   |       |    |
| 30. Wycheproof ..               | (A) 233,295 9 1                                  | 1,173 11 10            | ..                       | 753 9 9              | { (A) 65,050 9 8 }<br>{ (B) 4,295 19 5 }       | ..                       | ..                             | 234,469 0 11      | ..  | 8,983 16 3         | ..  | 24,271 3 7   | 36,844 19 0  |       |    |
| 31. Yelta ..                    | (A) 6,148 17 1                                   | ..                     | ..                       | ..                   | { (A) 10,027 18 11 }<br>{ (B) 1,488 7 10 }     | ..                       | ..                             | 6,148 17 1        | ..  | 1,128 2 0          | ..  | 6,723 5 10   | 3,664 18 11  |       |    |
| Totals ..                       | (A) 3,138,767 1 6                                | 2,664 4 5              | 62,314 13 4              | 2,311 3 0            | { (A) 1,853,031 6 0 }<br>{ (B) 164,871 15 0 }  | 6,011 15 7               | ..                             | 3,141,431 5 11    | 62,314 13 4                                       | 209,010 0 1        | 1,976 5 3   | 1,169,206 3 11   | 651,033 10 4   |       |    |
| Grand Totals ..                 | { (A) 4,510,515 10 0 }<br>{ (B) 238,595 9 1 }    | 20,830 3 0             | 85,482 8 2               | 2,604 11 4           | { (A) 1,884,686 3 10 }<br>{ (B) 213,083 6 11 } | 57,704 17 1              | ..                             | 4,769,941 2 1     | 85,482 8 2  | 224,815 13 7       | 52,210 16 2   | 1,208,364 1 3  | 677,688 8 2  |       |    |

DISTRICT BALANCE SHEETS AS AT 30TH JUNE, 1947.

| District.                             | Liabilities.                                     |                        |                          |                      |   | Assets.                        |              |                   |   |                    |   |                          |            |   |       |
|---------------------------------------|--|------------------------|--------------------------|----------------------|---|--------------------------------|--------------|-------------------|---|--------------------|---|--------------------------|------------|---|-------|
|                                       | Capital borne by—<br>(A) State.<br>(B) District. | Redemption<br>Account. | Depreciation<br>Account. | Sundry<br>Creditors. | Accumulated<br>Deficiency<br>Chargeable to—<br>(A) State Account.<br>(B) District<br>Account. | Profit and<br>Loss<br>Account. |              | Works<br>at Cost. | Water<br>Supply<br>Works<br>Depreciation<br>Fund. | Sundry<br>Debtors. | Accumulated<br>Surplus<br>Credited to<br>District<br>Account. | Profit and Loss Account. |            |   |       |
|                                       |  |                        |                          |                      |   | £                              | s. d.        |                   |   |                    |   | £                        | s. d.      | £ | s. d. |
|                                       |  |                        |                          |                      |   |                                |              |                   |   |                    |   |                          |            |   |       |
| £                                     | s. d.  | £                      | s. d.                    | £                    | s. d.   | £                              | s. d.        | £                 | s. d.   | £                  | s. d.   | £                        | s. d.      |   |       |
| URBAN DISTRICTS                       |  |                        |                          |                      |   |                                |              |                   |   |                    |   |                          |            |   |       |
| 1. Allansford ..                      | { (A) 1,845 2 2<br>(B) 819 18 10 }               | 18 12 2                | 115 15 0                 | 0 4 3                | ..  | 69 16 1                        | 2,683 13 2   | 115 15 0          | 44 13 8   | 25 6 8             | ..  | ..                       | ..         |   |       |
| 2. Antwerp ..                         | { (A) 444 18 4<br>(B) 257 15 4 }                 | 13 11 8                | 27 10 0                  | 0 9 8                | ..  | 195 4 0                        | 714 18 4     | 27 10 0           | 23 19 8   | 173 1 0            | ..  | ..                       | ..         |   |       |
| 3. Barwon Heads and Ocean<br>Grove .. | { (A) 34,358 18 3<br>(B) 8,048 1 4 }             | 327 6 10               | 1,790 7 3                | 4 0 0                | ..  | 1,267 1 6                      | 42,672 2 5   | 1,790 7 3         | 560 6 4   | 772 19 2           | ..  | ..                       | ..         |   |       |
| 4. Berrillock ..                      | { (A) 5,168 9 7<br>(B) 3 9 8 }                   | 24 15 1                | 179 16 9                 | 1 5 6                | (A) 216 18 8  | 403 18 5                       | 5,196 12 11  | 179 16 9          | 27 4 1  | 378 1 3            | ..  | ..                       | 216 18 8   |   |       |
| 5. Berwick ..                         | { (A) 20,368 13 7<br>(B) 3,120 11 0 }            | 104 15 3               | 2,324 12 1               | 1 2 9                | ..  | 1,887 11 1                     | 23,593 19 10 | 2,324 12 1        | 219 12 2  | 1,669 1 8          | ..  | ..                       | ..         |   |       |
| 6. Birregurra ..                      | { (A) 18,987 14 7<br>(B) .. }                    | ..                     | ..                       | ..                   | ..  | ..                             | 18,987 14 7  | ..                | ..  | ..                 | ..  | ..                       | ..         |   |       |
| 7. Brim ..                            | { (A) 3,191 17 5<br>(B) 332 8 6 }                | 41 17 2                | 365 18 6                 | 0 1 1                | ..  | 649 14 3                       | 3,564 5 10   | 365 18 6          | 115 18 4  | 535 14 3           | ..  | ..                       | ..         |   |       |
| 8. Camperdown ..                      | { (A) 40,970 3 11<br>(B) 55,182 13 5 }           | 1,430 7 2              | 5,426 13 4               | 11 17 9              | ..  | 1,030 1 8                      | 97,023 15 4  | 5,426 13 4        | 344 9 11  | 1,256 18 8         | ..  | ..                       | ..         |   |       |
| 9. Chelsea-Frankston ..               | { (A) 204,582 13 8<br>(B) 134,604 5 6 }          | 3,237 16 11            | 28,459 14 8              | 8 16 3               | (A) 9,188 12 3  | 16,195 1 5                     | 342,424 16 1 | 28,459 14 8       | 3,506 12 6  | 12,697 5 2         | ..  | ..                       | 9,188 12 3 |   |       |
| 10. Cobden ..                         | { (A) 12,374 6 6<br>(B) 12,912 1 2 }             | 359 16 5               | 1,307 17 4               | 6 3 7                | ..  | 98 2 7                         | 25,519 19 6  | 1,307 17 4        | 187 17 6  | 42 13 3            | ..  | ..                       | ..         |   |       |
| 11. Cranbourne ..                     | { (A) 8,893 19 4<br>(B) 698 9 11 }               | 58 13 3                | 1,111 19 9               | ..                   | (A) 538 9 1   | 1,226 3 4                      | 9,551 2 6    | 1,111 19 9        | 49 11 0   | 1,176 12 4         | ..  | ..                       | 538 9 1    |   |       |
| 12. Culgoa ..                         | { (A) 2,163 9 2<br>(B) 2,239 16 5 }              | 74 2 9                 | 204 17 8                 | 1 15 4               | ..  | 155 15 3                       | 4,465 18 0   | 204 17 8          | 96 12 4   | 72 8 7             | ..  | ..                       | ..         |   |       |
| 13. Dandenong-Springvale ..           | { (A) 102,394 2 8<br>(B) 163,115 10 10 }         | 3,407 16 0             | 23,903 10 3              | 29 18 11             | (A) 3,601 18 7  | 38,663 14 5                    | 268,917 9 6  | 23,903 10 3       | 4,353 14 8  | 34,339 18 8        | ..  | ..                       | 3,601 18 7 |   |       |
| 14. Dimboola ..                       | { (A) 7,115 5 7<br>(B) 10,886 1 0 }              | 337 0 2                | 1,460 1 11               | 3 4 7                | ..  | 2,275 5 6                      | 18,310 7 0   | 1,460 1 11        | 746 12 5  | 1,559 17 5         | ..  | ..                       | ..         |   |       |
| 15. Dromana-Portsea ..                | { (A) 177,521 1 4<br>(B) 4,327 8 3 }             | 494 0 8                | 9,526 6 11               | 11 1 3               | ..  | 9,304 0 6                      | 182,342 10 3 | 9,526 6 11        | 1,252 9 7   | 8,062 12 2         | ..  | ..                       | ..         |   |       |
| 16. Jeparit ..                        | { (A) 7,568 17 10<br>(B) 5,712 13 8 }            | 242 5 6                | 337 15 6                 | 3 19 0               | ..  | 1,167 16 7                     | 13,509 0 0   | 337 15 6          | 288 12 3  | 898 0 4            | ..  | ..                       | ..         |   |       |
| 17. Longwarry ..                      | { (A) 2,454 19 4<br>(B) 9,229 9 6 }              | 264 14 2               | 1,028 15 7               | ..                   | ..  | 1,224 8 0                      | 11,949 3 0   | 1,028 15 7        | 79 8 10   | 1,144 19 2         | ..  | ..                       | ..         |   |       |
| 18. Marnoo ..                         | { (A) 2,768 11 2<br>(B) 1,351 4 2 }              | 68 6 3                 | 529 1 7                  | 0 16 5               | ..  | 455 13 9                       | 4,188 1 7    | 529 1 7           | 69 3 2  | 387 7 0            | ..  | ..                       | ..         |   |       |
| 19. Merbein ..                        | { (A) 14,470 5 4<br>(B) 4,178 13 7 }             | 288 9 0                | 1,471 4 7                | 2 17 11              | { (A) 510 10 1<br>(B) 527 9 2 }   | ..                             | 18,810 8 0   | 1,471 4 7         | 307 18 5  | ..                 | ..  | 349 8 7                  | 510 10 1   |   |       |
| 20. Minyip ..                         | { (A) 7,236 17 0<br>(B) 3,060 18 6 }             | 187 16 11              | 518 7 4                  | 0 0 6                | ..  | 969 2 11                       | 10,469 9 5   | 518 7 4           | 207 4 2   | 778 2 3            | ..  | ..                       | ..         |   |       |
| 21. Mornington ..                     | { (A) 24,352 15 9<br>(B) 53,077 6 6 }            | 1,858 14 4             | 6,371 15 7               | 27 5 1               | ..  | 12,757 13 5                    | 78,653 1 7   | 6,371 15 7        | 1,799 1 3   | 11,121 12 3        | ..  | ..                       | ..         |   |       |
| 22. Nar-Nar-Goon and Tynong ..        | { (A) 836 11 0<br>(B) 4,057 19 0 }               | 105 2 3                | 561 19 2                 | 1 17 4               | ..  | 438 11 5                       | 4,979 17 9   | 561 19 2          | 145 3 8   | 314 19 7           | ..  | ..                       | ..         |   |       |
| 23. Natimuk ..                        | { (A) 8,973 19 6<br>(B) 9,661 12 5 }             | 320 9 0                | 2,488 3 7                | 0 12 7               | ..  | 2,035 18 6                     | 18,956 0 11  | 2,488 3 7         | 149 1 9   | 1,887 9 4          | ..  | ..                       | ..         |   |       |
| 24. Pakenham ..                       | { (A) ..<br>(B) .. }                             | ..                     | ..                       | 2 9 2                | ..  | 4 19 8                         | ..           | ..                | 2 18 5  | 4 10 5             | ..  | ..                       | ..         |   |       |
| 25. Pimpingo ..                       | { (A) 5,312 19 4<br>(B) 1,288 15 10 }            | 90 9 6                 | 378 0 0                  | 1 0 9                | ..  | 1,314 18 9                     | 6,692 4 8    | 378 0 0           | 145 14 6  | 1,170 5 0          | ..  | ..                       | ..         |   |       |
| 26. Pyramid Hill ..                   | { (A) 72,869 2 5<br>(B) 16,382 19 1 }            | 637 10 2               | 5,451 6 5                | 4 19 2               | (B) 11,111 7 9  | ..                             | 89,722 3 1   | 5,451 6 5         | 645 12 5  | ..                 | ..  | 10,638 3 1               | ..         |   |       |
| 27. Queenscliff and<br>Lonsdale ..    | { (A) 3,890 8 4<br>(B) 7,574 4 4 }               | 235 14 7               | 504 8 9                  | 10 5 10              | ..  | 4,204 17 7                     | 11,700 7 3   | 504 8 9           | 183 19 11   | 4,031 3 6          | ..  | ..                       | ..         |   |       |
| 28. Rainbow ..                        | { (A) 6,605 12 9<br>(B) 4,202 15 7 }             | 172 15 4               | 507 12 3                 | 1 12 4               | ..  | 246 12 2                       | 10,948 14 3  | 507 12 3          | 131 18 9  | 148 15 2           | ..  | ..                       | ..         |   |       |
| 29. Rupanyup ..                       | { (A) ..<br>(B) .. }                             | ..                     | ..                       | ..                   | ..  | ..                             | ..           | ..                | ..  | ..                 | ..  | ..                       | ..         |   |       |

Note—Urban Districts Balance Sheets continued on next page.

DISTRICT BALANCE SHEETS AS AT 30TH JUNE, 1947.

| District.           | Liabilities.                                     |  |                          |                      |   |                          | Assets.                     |                   |  |                    |   |                                |   |       |    |
|---------------------|--|--|--------------------------|----------------------|---|--------------------------|-----------------------------|-------------------|--|--------------------|---|--------------------------------|---|-------|----|
|                     | Capital borne by—<br>(A) State.<br>(B) District. | Redemption<br>Account.                     | Depreciation<br>Account. | Sundry<br>Creditors. | Accumulated<br>Deficiency<br>Chargeable to— |                          | Profit and<br>Loss Account. | Works<br>at Cost. | Water<br>Supply Works<br>Depreciation<br>Fund. | Sundry<br>Debtors. | Accumulated<br>Surplus<br>Credited to<br>District<br>Account. | Profit and Loss Account.       |   |       |    |
|                     |  |  |                          |                      | (A) State<br>Account.                       | (B) District<br>Account. |                             |                   |  |                    |   | Loss since<br>30th June, 1938. | Interest and<br>Other Losses<br>prior to<br>30th June, 1938,<br>Borne by<br>State.<br>(Act No. 5017). |       |    |
|                     |  |  |                          |                      |   |                          |                             |                   |  |                    |   |                                |   | Gain. |    |
|                     | £  | s.   | d.                       | £                    | s.  | d.                       | £                           | s.                | d.   | £                  | s.  | d.                             | £   | s.    | d. |
| 30. Somerville      | ..   | { (A) 2,963 0 5 }<br>{ (B) 4,595 8 4 }     | 133 12 3                 | 641 5 2              | ..  | 774 6 3                  | 7,880 5 1                   | 641 5 2           | 26 16 4  | 759 14 10          | ..  | ..                             | ..  | ..    | .. |
| 31. South Frankston | ..   | { (A) 21,224 3 9 }<br>{ (B) 25,793 1 1 }   | 783 3 11                 | 2,446 17 3           | ..  | 5,220 3 4                | 47,800 8 9                  | 2,446 17 3        | 519 0 1  | 4,703 16 5         | ..  | ..                             | ..  | ..    | .. |
| 32. Terang          | ..   | { (A) 26,334 2 11 }<br>{ (B) 28,280 2 5 }  | 849 5 0                  | 4,325 17 7           | (B) 765 16 11                               | ..                       | 58,247 0 7                  | 4,325 17 7        | 269 15 8                                       | ..                 | 722 18 6  | ..                             | ..  | ..    | .. |
| 33. Watchem         | ..   | { (A) 4,940 8 3 }<br>{ (B) 125 6 10 }      | 36 9 5                   | 424 1 4              | (A) 140 17 2                                | 52 11 4                  | 5,101 0 3                   | 424 1 4           | 35 18 0  | 18 17 0            | ..  | 140 17 2                       | ..  | ..    | .. |
| Totals              | ..   | { (A) 856,324 0 3 }<br>{ (B) 575,021 2 0 } | 15,705 9 1               | 104,191 13 1         | { (A) 14,197 5 10 }<br>{ (B) 12,404 13 10 } | 104,289 3 8              | 1,445,517 0 6               | 104,191 13 1      | 16,537 1 9                                     | 90,132 2 6         | 11,710 10 2   | 14,197 5 10                    | ..  | ..    | .. |

URBAN DISTRICTS—continued.

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, 23rd October, 1945, and 24th April, 1946, respectively, under the provisions of Section 6, *Water Act 1937*, No. 4513.)

|                   |    |  |          |             |         |           |             |             |          |             |            |            |
|-------------------|----|--|----------|-------------|---------|-----------|-------------|-------------|----------|-------------|------------|------------|
| 34. Anglesea.     | .. | { (A) 19,124 17 9 }<br>{ (B) 29 10 1 }   | 1 12 7   | 627 3 11    | ..      | ..        | 19,155 16 6 | 627 3 11    | 79 15 11 | ..          | 312 11 1   | 1,638 15 9 |
| 35. Beulah        | .. | { (A) 7,593 8 7 }<br>{ (B) 2 13 2 }      | 10 5 8   | 180 8 10    | 2 8 5   | 1,066 6 7 | 7,606 7 5   | 180 8 10    | 230 13 6 | 838 1 6     | ..         | 96 18 2    |
| 36. Birchlip      | .. | { (A) 12,430 2 1 }                       | 12 12 3  | 920 8 8     | 3 2 2   | ..        | 12,442 14 4 | 920 8 8     | 141 7 9  | ..          | 1,670 13 0 | 873 6 5    |
| 37. Blttern       | .. | { (A) 2,874 6 8 }<br>{ (B) 15 13 3 }     | 3 16 1   | 275 7 10    | 0 8 0   | 221 11 5  | 2,893 15 0  | 275 7 10    | 198 5 0  | 23 15 5     | ..         | ..         |
| 38. Bunyip        | .. | { (A) 11,450 9 8 }<br>{ (B) 26 4 11 }    | 2 7 0    | 1,347 15 11 | 8 12 11 | 1,441 4 9 | 11,479 1 7  | 1,347 15 11 | 222 3 10 | 1,227 13 10 | ..         | 474 1 9    |
| 39. Carwarp       | .. | { (A) 635 19 0 }                         | ..       | 113 16 0    | ..      | 297 15 4  | 635 19 0    | 113 16 0    | 828 11 2 | ..          | ..         | ..         |
| 40. Chillingollah | .. | { (A) 2,580 18 3 }                       | 8 14 5   | 109 10 11   | 0 0 6   | ..        | 2,589 12 8  | 109 10 11   | 659 1 3  | ..          | 61 3 0     | 218 18 1   |
| 41. Chinkapook    | .. | { (A) 2,551 11 7 }                       | ..       | 145 9 4     | 0 1 0   | ..        | 2,551 11 7  | 145 9 4     | 52 17 11 | ..          | 643 17 10  | 157 15 3   |
| 42. Orb Point     | .. | { (A) 9,571 18 6 }<br>{ (B) 2,340 12 3 } | 105 11 2 | 724 15 4    | ..      | 132 2 0   | 11,977 14 8 | 724 15 4    | 587 0 3  | ..          | ..         | ..         |
| 43. Dooen         | .. | { (A) 681 4 0 }<br>{ (B) 17 2 0 }        | 0 1 5    | 123 10 3    | ..      | 128 1 10  | 698 7 5     | 123 10 3    | 29 19 4  | 98 2 6      | ..         | 130 4 9    |
| 44. Drysdale      | .. | { (A) 14,219 6 1 }<br>{ (B) 38 9 8 }     | 8 1 2    | 929 16 0    | 1 16 3  | 941 12 7  | 14,265 13 1 | 929 16 0    | 213 14 7 | 729 18 1    | ..         | 326 16 1   |
| 45. Garfield      | .. | { (A) 8,772 13 8 }<br>{ (B) 27 7 5 }     | 12 2 2   | 1,019 9 6   | 3 17 6  | 633 14 0  | 8,812 3 3   | 1,019 9 6   | 76 13 5  | 560 18 1    | ..         | 381 5 7    |
| 46. Hastings      | .. | { (A) 14,090 15 9 }<br>{ (B) 6 5 0 }     | 12 1 0   | 1,453 4 6   | 2 19 7  | ..        | 14,109 1 7  | 1,453 4 6   | 31 15 1  | ..          | 119 13 1   | 448 13 9   |
| 47. Hopetoun      | .. | { (A) 10,586 3 2 }<br>{ (B) 24 0 0 }     | 30 2 5   | 611 6 11    | ..      | 1,831 8 9 | 10,640 4 5  | 611 6 11    | 426 2 10 | 1,405 7 1   | ..         | 580 2 10   |
| 48. Jung Jung     | .. | { (A) 3,379 12 4 }<br>{ (B) 1 12 6 }     | ..       | 436 7 1     | ..      | ..        | 3,381 4 10  | 436 7 1     | 52 19 10 | ..          | 408 13 8   | 540 2 11   |
| 49. Koondrook     | .. | { (A) 6,165 6 11 }                       | ..       | 641 7 11    | 0 0 6   | ..        | 6,165 6 11  | 641 7 11    | 370 12 3 | ..          | 2,618 16 1 | 408 17 3   |
| 50. Lake Boga     | .. | { (A) 5,815 1 11 }<br>{ (B) 95 11 3 }    | 0 11 11  | 786 8 3     | 4 12 2  | ..        | 5,910 13 2  | 786 8 3     | 298 5 3  | ..          | 1,349 11 8 | 558 14 5   |

|                   |    |                |             |              |          |              |             |               |              |            |              |             |             |
|-------------------|----|----------------|-------------|--------------|----------|--------------|-------------|---------------|--------------|------------|--------------|-------------|-------------|
| 51. Lalbert       | .. | 4,543 2 9      | 34 11 7     | 308 6 4      | ..       | 1,009 11 6   | ..          | 4,677 6 5     | 308 6 4      | 134 5 10   | ..           | 1,242 11 9  | 43 8 7      |
| 52. Lascelles     | .. | 4,255 13 11    | 5 10 7      | 220 9 9      | 0 2 2    | 350 14 8     | ..          | 4,278 5 6     | 220 9 9      | 61 4 10    | ..           | 145 8 4     | 411 15 11   |
| 53. Manangatang   | .. | 3,512 13 5     | 94 2 9      | 289 15 6     | 0 0 6    | 588 1 2      | 602 15 3    | 5,242 2 5     | 289 15 6     | 279 11 4   | 323 4 5      | ..          | ..          |
| 54. Meritgur      | .. | 1,635 6 3      | 0 0 1       | 184 15 11    | 0 2 6    | 310 11 6     | 20 16 8     | 1,761 8 0     | 184 15 11    | 463 6 3    | ..           | ..          | ..          |
| 55. Mitiamo       | .. | 1,757 1 4      | 2,982 17 4  | 441 11 8     | 0 0 10   | 1,290 6 5    | ..          | 5,055 13 6    | 441 11 8     | 63 7 0     | ..           | 1,227 0 3   | ..          |
| 56. Nandaly       | .. | 1,749 13 11    | ..          | 55 16 5      | 0 0 9    | 410 19 7     | ..          | 1,752 18 11   | 55 16 5      | 29 0 3     | ..           | 433 4 3     | ..          |
| 57. Newstead      | .. | 5,800 5 2      | 106 3 0     | 569 3 4      | 0 3 4    | 51 4 2       | ..          | 7,622 4 8     | 569 3 4      | 17 0 5     | ..           | 1,255 16 11 | ..          |
| 58. Nullawil      | .. | 1,763 13 10    | 38 9 8      | 36 10 10     | 0 0 6    | 1,188 1 0    | ..          | 3,686 18 2    | 36 10 10     | 40 9 8     | ..           | 1 13 2      | ..          |
| 59. Nyah ..       | .. | 3,370 15 4     | 2 8 10      | 291 0 9      | 0 1 10   | 38 15 8      | 138 17 3    | 689 15 6      | 291 0 9      | 76 7 10    | 62 11 3      | ..          | 48 2 10     |
| 60. Nyah West     | .. | 280 16 6       | 0 8 10      | 1,302 15 10  | 2 19 10  | 48 2 10      | 1,123 5 7   | 5,904 4 8     | 1,302 15 10  | 435 8 7    | 690 16 10    | ..          | ..          |
| 61. Ouyen         | .. | 687 6 8        | 87 7 6      | 877 8 3      | 2 4 1    | ..           | 1,124 12 2  | 21,317 16 3   | 877 8 3      | 728 7 2    | 398 13 8     | ..          | ..          |
| 62. Patchewollock | .. | 21,169 4 4     | 0 1 4       | 99 14 5      | ..       | ..           | 711 9 10    | 3,660 9 11    | 99 14 5      | 438 12 0   | 272 17 10    | ..          | ..          |
| 63. Piangil       | .. | 3,658 16 1     | ..          | 242 7 8      | 4 3 8    | ..           | 129 16 1    | 6,100 16 10   | 242 7 8      | 508 9 3    | ..           | ..          | ..          |
| 64. Portarlinton  | .. | 6,100 16 10    | 1 7 8       | 2,124 8 3    | ..       | 374 9 6      | ..          | 27,360 3 8    | 2,124 8 3    | 121 0 3    | ..           | 2,196 0 11  | 1,724 12 7  |
| 65. Quambatook    | .. | 27,281 11 1    | 19 18 1     | 482 15 9     | 3 16 2   | 3,939 14 8   | 547 1 11    | 4,839 14 11   | 482 15 9     | 78 12 10   | 472 5 3      | ..          | ..          |
| 66. Sea Lake      | .. | 77 14 6        | 132 19 11   | 617 9 5      | 1 16 8   | 101 9 6      | 936 11 5    | 7,823 5 3     | 617 9 5      | 227 11 1   | 733 1 6      | ..          | ..          |
| 67. Speed         | .. | 4,816 11 11    | ..          | 311 11 1     | 0 2 8    | ..           | ..          | 2,843 5 9     | 311 11 1     | 78 9 4     | ..           | 271 18 11   | ..          |
| 68. Tempy         | .. | 3 4 11         | 0 1 5       | 272 19 2     | 0 6 3    | 132 13 2     | 74 5 3      | 2,643 7 7     | 272 19 2     | 277 12 6   | ..           | ..          | ..          |
| 69. Torquay       | .. | 6,179 6 6      | 41 5 0      | 1,084 6 11   | 0 0 6    | 217 12 5     | ..          | 33,183 0 8    | 1,084 6 11   | 206 17 5   | ..           | 101 15 11   | 1,755 7 7   |
| 70. Ultima        | .. | 1,533 3 4      | 0 1 5       | 229 8 8      | 0 0 6    | 155 6 10     | ..          | 6,690 10 3    | 229 8 8      | 609 12 7   | ..           | 514 14 7    | ..          |
| 71. Watchie       | .. | 2,625 13 7     | ..          | 195 0 4      | ..       | 47 13 2      | 204 8 4     | 2,520 14 4    | 195 0 4      | 955 4 4    | ..           | 70 18 7     | 498 8 2     |
| 72. Walpeup       | .. | 32,997 4 6     | 6 7 0       | 144 6 7      | ..       | 2,063 1 5    | ..          | 2,042 2 3     | 144 6 7      | 176 19 3   | 27 9 1       | ..          | ..          |
| 73. Werrimull     | .. | 145 10 2       | 3 3 6       | 363 14 0     | 0 2 6    | 878 15 0     | 171 4 1     | 4,853 9 8     | 363 14 0     | 743 14 8   | ..           | 284 19 8    | ..          |
| 74. Wonthaggi     | .. | 17 6 8         | 325 14 5    | 4,493 11 11  | 38 10 4  | 245 10 3     | 5,976 13 0  | 73,721 9 5    | 4,493 11 11  | 1,491 4 10 | 4,547 10 7   | ..          | ..          |
| 75. Woomelang     | .. | 2,011 11 10    | 36 19 10    | 730 11 7     | 3 5 9    | 150 10 8     | ..          | 9,283 3 11    | 730 11 7     | 66 9 6     | 583 7 11     | ..          | 805 1 5     |
| 76. Woorinen      | .. | 9,162 13 2     | 27 14 3     | 214 5 10     | ..       | 805 1 5      | 646 10 8    | 2,012 7 8     | 214 5 10     | 256 11 7   | ..           | 105 8 11    | ..          |
| 77. Wycheproof    | .. | 1,397 13 6     | 16 12 0     | 1,785 11 10  | 2 18 3   | 56 17 5      | ..          | 10,988 13 3   | 1,785 11 10  | 184 18 1   | ..           | 609 19 1    | ..          |
| 78. Yaapeet       | .. | 586 19 11      | 3 16 8      | 86 4 8       | 0 1 4    | 640 15 8     | ..          | 2,305 6 9     | 86 4 8       | 149 17 7   | ..           | 97 8 7      | ..          |
|                   | .. | 10,972 1 3     | ..          | ..           | ..       | 151 3 3      | ..          | ..            | ..           | ..         | ..           | ..          | ..          |
|                   | .. | 2,297 15 9     | ..          | ..           | ..       | 151 18 5     | ..          | ..            | ..           | ..         | ..           | ..          | ..          |
|                   | .. | 3 14 4         | ..          | ..           | ..       | ..           | ..          | ..            | ..           | ..         | ..           | ..          | ..          |
| Totals            | .. | 378,057 15 6   | 4,176 1 11  | 28,552 9 10  | 88 19 11 | 30,082 3 4   | 19,102 4 9  | 400,176 3 6   | 28,552 9 10  | 13,400 5 5 | 12,995 14 10 | 15,458 19 7 | 12,406 9 9  |
| Grand Totals      | .. | 1,234,381 15 9 | 19,881 11 0 | 132,744 2 11 | 241 6 0  | 44,279 9 2   | 123,391 8 5 | 1,845,693 4 0 | 132,744 2 11 | 29,937 7 2 | 103,127 17 4 | 27,169 9 9  | 26,603 15 7 |
|                   | .. | 583,163 12 8   | ..          | ..           | ..       | 17,252 10 10 | ..          | ..            | ..           | ..         | ..           | ..          | ..          |

£2,165,275 16s. 9d.

£2,165,275 16s. 9d.

DISTRICT BALANCE SHEETS AS AT 30TH JUNE, 1947.

| District.                  | Liabilities.            |                       |                   |  |            | Assets.                           |                |                                       |                 |   |                             |   |
|----------------------------|-------------------------|-----------------------|-------------------|--|------------|-----------------------------------|----------------|---------------------------------------|-----------------|---|-----------------------------|---|
|                            | Capital Borne by State. | Depreciation Account. | Sundry Creditors. | Accumulated Deficiency Chargeable to—<br>(A) State Account.<br>(B) District Account.   |            | Profit and Loss Account.<br>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.           | £ s. d.  | £ s. d.    | £ s. d.                           | £ s. d.        | £ s. d.                               | £ s. d.         | £ s. d.   | Loss since 30th June, 1938. | Interest and Other Losses prior to 30th June, 1938, Borne by State. (Act No. 5017.) |
| 1. Carrum .. ..            | 24,288 5 1              | ..                    | 6 2 7             | ..   | 1,891 14 6 | ..                                | 24,288 5 1     | ..                                    | 889 3 4         | 1,008 13 9  | ..                          | ..  |
| 2. Diagee (proposed) .. .. | 7,056 2 0               | ..                    | ..                | ..   | ..         | ..                                | 7,056 2 0      | ..                                    | ..              | ..  | ..                          | ..  |
| 3. Tresco (proposed) .. .. | 182 9 3                 | ..                    | ..                | ..   | ..         | ..                                | 182 9 3        | ..                                    | ..              | ..  | ..                          | ..  |
| Totals .. ..               | 31,526 16 4             | ..                    | 6 2 7             | ..   | 1,891 14 6 | ..                                | 31,526 16 4    | ..                                    | 889 3 4         | 1,008 13 9  | ..                          | ..  |
| DRAINAGE DISTRICTS.        |                         |                       |                   |  |            |                                   |                |                                       |                 |   |                             |   |
| 4. Cohuna .. ..            | 10,256 14 10            | ..                    | 5 3 10            | (A) 4,185 1 11<br>(A) 424 14 0   | ..         | ..                                | 10,256 14 10   | ..                                    | 65 12 7         | ..  | 3,600 15 6                  | 523 17 8  |
| 5. Kerang East.. ..        | 1,184 14 4              | ..                    | ..                | (A) 5,813 12 1<br>{(A) 2,505 4 11<br>{(B) 2,035 11 2<br>{(A) 396 12 8<br>{(B) 3,469 12 0   | ..         | ..                                | 1,184 14 4     | ..                                    | 800 1 8         | 2,899 18 3  | ..                          | 424 14 0  |
| 6. Maffra-Sale .. ..       | 1,523 16 10             | ..                    | ..                | ..   | ..         | ..                                | 1,523 16 10    | ..                                    | 33 4 3          | ..  | 8,285 12 9                  | ..  |
| 7. Merbein .. ..           | 747 13 6                | 5,633 2 6             | 0 6 9             | ..   | ..         | ..                                | 747 13 6       | 5,633 2 6                             | 10 9 3          | ..  | 2,185 18 6                  | 236 2 10  |
| 8. Murrabit .. ..          | 2,449 7 8               | ..                    | 0 12 6            | (A) 188 2 1<br>(A) 1,671 1 11  | ..         | ..                                | 2,449 7 8      | ..                                    | 41 15 5         | ..  | 3,428 9 1                   | ..  |
| 9. Nyah .. ..              | 20,445 15 8             | 494 5 8               | ..                | (A) 11,071 7 5<br>{(B) 947 0 1<br>{(A) 325 4 3<br>{(H) 389 17 8<br>{(A) 6,984 14 2<br>{(B) 1,003 5 6<br>{(A) 28,617 11 8<br>{(B) 2,527 9 9<br>{(A) 43 16 3 | ..         | ..                                | 20,445 15 8    | 494 5 8                               | 14 11 8         | ..  | 173 10 5                    | ..  |
| 10. Red Cliffs .. ..       | 1,675 16 3              | 9,207 4 1             | 0 2 3             | (A) 1,675 16 3<br>(A) 1,985 16 5   | ..         | ..                                | 1,675 16 3     | 9,207 4 1                             | 25 16 6         | ..  | 1,492 0 6                   | 153 7 2   |
| 11. Rochester .. ..        | 1,985 16 5              | ..                    | 1 3 3             | ..   | ..         | ..                                | 1,985 16 5     | ..                                    | 616 6 6         | ..  | 10,224 7 6                  | 1,178 16 9  |
| 12. Rodney .. ..           | 19,138 5 7              | ..                    | ..                | ..   | ..         | ..                                | 19,138 5 7     | ..                                    | 332 11 2        | ..  | 57 6 6                      | 325 4 3   |
| 13. Shepparton .. ..       | 17,751 6 5              | ..                    | ..                | ..   | ..         | ..                                | 17,751 6 5     | ..                                    | 73 6 8          | ..  | 7,512 1 4                   | 402 11 8  |
| 14. Tongala-Stanhope .. .. | 4,142 7 10              | ..                    | 5 15 8            | ..   | ..         | ..                                | 4,142 7 10     | ..                                    | 643 7 5         | ..  | 29,987 8 11                 | 520 0 9   |
| 15. Werribee .. ..         | 168 19 2                | ..                    | 3 5 2             | ..   | 749 8 0    | ..                                | 168 19 2       | ..                                    | 7 17 0          | 744 16 2  | ..                          | 43 16 3   |
| 16. Woorinen .. ..         | 1,034 5 6               | 1,607 11 11           | 0 9 2             | (A) 2,554 17 7   | ..         | ..                                | 1,034 5 6      | 1,607 11 11                           | 139 2 11        | ..  | 2,416 3 10                  | ..  |
| Totals .. ..               | 88,505 0 0              | 16,942 4 2            | 16 18 7           | {(A) 67,385 6 6<br>{(B) 7,769 10 7   | 4,449 7 11 | ..                                | 88,505 0 0     | 16,942 4 2                            | 2,304 3 0       | 3,644 14 5  | 69,363 14 10                | 3,808 11 4  |
| Grand Totals .. ..         | 120,031 16 4            | 16,942 4 2            | 23 1 2            | {(A) 67,385 6 6<br>{(B) 7,769 10 7   | 6,341 2 5  | ..                                | 120,031 16 4   | 16,942 4 2                            | 3,693 6 4       | 4,653 8 2   | 69,363 14 10                | 3,808 11 4  |

£218,493 1s. 2d.

£218,493 1s. 2d.

The Districts set out hereunder are those whose works will not produce sufficient revenue to cover the expense of the maintenance and management thereof. The annual amount of loss resulting from the maintenance and management of these districts has been transferred to the "Revenue Expenditure Chargeable to the State Account." (By authority of Order in Council, dated 14th June, 1943, under the provisions of Section 6, Water Act 1937, No. 4313.)

DISTRICT BALANCE SHEETS AS AT 30TH JUNE, 1947.

| District.             | Liabilities.            |                     |                       |                   |   |                          | Assets.        |                                       |                 |   |                             |  |                  |    |       |                  |    |       |        |    |    |
|-----------------------|-------------------------|---------------------|-----------------------|-------------------|---|--------------------------|----------------|---------------------------------------|-----------------|---|-----------------------------|--|------------------|----|-------|------------------|----|-------|--------|----|----|
|                       | Capital borne by State. | Redemption Account. | Depreciation Account. | Sundry Creditors. | Accumulated Deficiency Chargeable to 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.    |  |                  |    |       |                  |    |       |        |    |    |
|                       |                         |                     |                       |                   |   |                          |                |                                       |                 |   | Loss since 30th June, 1938. | Interest and Other Losses prior to 30th June, 1938, Borne by State.<br>(Act No. 5017.) |                  |    |       |                  |    |       |        |    |    |
|                       |                         |                     |                       |                   |   |                          |                |                                       |                 |   |                             |  |                  |    |       |                  |    |       |        |    |    |
| £                     | s.                      | d.                  | £                     | s.                | d.  | £                        | s.             | d.                                    | £               | s.  | d.                          | £  | s.               | d. |       |                  |    |       |        |    |    |
| 1. Cardinia ..        | 105,293                 | 11                  | 11                    | ..                | ..  | ..                       | 105,293        | 11                                    | 11              | ..  | ..                          | 1,370  | 1                | 7  | 5,967 | 13               | 8  | 3,303 | 19     | 2  |    |
| 2. Kanyapella ..      | 3,885                   | 1                   | 5                     | 64                | 4   | 2                        | 3,049          | 5                                     | 7               | 1,012   | 18                          | 7  | 623              | 15 | 8     | 1,012            | 18 | 7     | ..     | .. |    |
| 3. Loch Garry ..      | 18,021                  | 18                  | 11                    | ..                | ..  | ..                       | 18,021         | 18                                    | 11              | 2,820   | 2                           | 11   | 780              | 1  | 7     | 2,820            | 2  | 11    | ..     | .. |    |
| 4. Lower Kooweerup .. | 282,635                 | 17                  | 9                     | ..                | ..  | ..                       | 282,635        | 17                                    | 9               | 4,112   | 4                           | 6  | 2,089            | 10 | 0     | 4,112            | 4  | 6     | 7,949  | 1  | 8  |
| Totals ..             | 410,436                 | 10                  | 0                     | 64                | 4   | 2                        | 410,500        | 14                                    | 2               | 13,912  | 19                          | 8  | 4,863            | 8  | 10    | 13,912           | 19 | 8     | 11,253 | 0  | 10 |
|                       |                         |                     |                       |                   |   |                          |                |                                       |                 |   |                             |  | £440,530 3s. 6d. |    |       | £440,530 3s. 6d. |    |       |        |    |    |

FLOOD PROTECTION DISTRICTS.



STATEMENT OF REVENUE SETTING OUT ARREARS AS AT 1ST JULY, 1946, AND AS AT 30TH JUNE, 1947.

|   | Total.    | Water Act 1940<br>(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, 1946 ..   | 451,245   | 228,958                               | 14,937    | 119,764       | 17,249    | 21,126             | 1,365     | 2,864          | 484       | 1,287                    | 177       | 36,620          | 605       | ..          | 5,809          |
| Assessments 1946-47 ..  | 522,237   | ..                                    | ..        | 266,343       | ..        | 226,317            | ..        | 22,216         | ..        | 7,361                    | ..        | ..              | ..        | ..          | ..             |
| Additional Water Sales, Meter Rents, and Interest Charges to 30th June, 1947 .. | 220,926   | ..                                    | 3,481     | ..            | 7,261     | ..                 | 1,364     | ..             | 193       | ..                       | 108       | 170,299         | 393       | ..          | 37,827         |
| Total Amount Collectable, 1946-47 ..  | 1,194,408 | 228,958                               | 18,418    | 386,107       | 24,510    | 247,443            | 2,729     | 25,080         | 677       | 8,648                    | 285       | 206,919         | 998       | ..          | 43,636         |
| Deduct—   |           |                                       |           |               |           |                    |           |                |           |                          |           |                 |           |             |                |
| (i) Revenue Collected 1946-47   | 759,896   | 31,024                                | 866       | 272,146       | 6,193     | 229,847            | 1,456     | 22,605         | 268       | 7,455                    | 92        | 150,442         | 400       | ..          | 37,102         |
| (ii) Credits Absorbed ..  | 3,595     | 24                                    | 1         | 640           | 12        | 1,122              | ..        | 27             | ..        | 10                       | ..        | 284             | ..        | ..          | 1,475          |
| Balance ..  | 430,917   | 197,910                               | 17,551    | 113,321       | 18,305    | 16,474             | 1,273     | 2,448          | 409       | 1,183                    | 193       | 56,193          | 598       | ..          | 5,059          |
| Add—Amounts Overpaid ..   | 4,955     | 3                                     | 17        | 2,808         | 12        | 229                | 1         | 15             | ..        | 7                        | ..        | 293             | ..        | ..          | 1,570          |
| Total = Gross Arrears at 30th June, 1947 ..                                     | 435,872   | 197,913                               | 17,568    | 116,129       | 18,317    | 16,703             | 1,274     | 2,463          | 409       | 1,190                    | 193       | 56,486          | 598       | ..          | 6,629          |
| Deduct—Amounts recommended for Writing off 1946-47 ..                           | 19,768    | 1,263                                 | 2,223     | 12,608        | 636       | 1,157              | 15        | 46             | 18        | 12                       | ..        | 653             | 16        | ..          | 1,121          |
| Balance = Net Arrears as at 30th June, 1947 ..                                  | 416,104   | 196,650                               | 15,345    | 103,521       | 17,681    | 15,546             | 1,259     | 2,417          | 391       | 1,178                    | 193       | 55,833          | 582       | ..          | 5,508          |

This Statement is subject to Audit and minor adjustments.

# WATER SUPPLY WORKS DEPRECIATION ACCOUNTS AS AT 30TH JUNE, 1947.

| District.                              | Balance at<br>1st July, 1946. | Amounts Paid<br>into Account<br>1946-47. | Interest<br>Credited<br>1946-47. | Total.       | Expenditure<br>1946-47. | Balance in<br>Account at<br>30th June, 1947. |
|--|-------------------------------|--|----------------------------------|--------------|-------------------------|--|
|  | £ s. d.                       | £ s. d.                                  | £ s. d.                          | £ s. d.      | £ s. d.                 | £ s. d.                                      |
| IRRIGATION AND WATER SUPPLY DISTRICTS. |                               |  |                                  |              |                         |  |
| Bacchus Marsh .. ..                    | 195 0 2                       | 18 0 0                                   | 4 17 6                           | 217 17 8     | ..                      | 217 17 8                                     |
| Boort .. ..                            | 289 16 0                      | 27 0 0                                   | 7 4 10                           | 324 0 10     | ..                      | 324 0 10                                     |
| Calivil .. ..                          | 129 7 11                      | 13 0 0                                   | 3 4 8                            | 145 12 7     | ..                      | 145 12 7                                     |
| Cohuna-Leitchville .. ..               | 306 14 8                      | *9 15 2                                  | 2 16 10                          | 319 6 8      | ..                      | 319 6 8                                      |
| Dingee .. ..                           | 99 17 10                      | 10 0 0                                   | 2 10 0                           | 112 7 10     | ..                      | 112 7 10                                     |
| Katandra .. ..                         | 119 8 10                      | 12 0 0                                   | 2 19 9                           | 134 8 7      | ..                      | 134 8 7                                      |
| Kerang .. ..                           | 49 8 8                        | *16 5 2                                  | 1 4 9                            | 66 18 7      | ..                      | 66 18 7                                      |
| Maffra-Sale .. ..                      | 1,365 5 6                     | *151 13 4                                | 34 2 8                           | 1,551 1 6    | ..                      | 1,551 1 6                                    |
| Merbein .. ..                          | 21,442 14 4                   | 12,616 5 1                               | 770 10 1                         | 34,829 9 6   | 107 16 2                | 34,721 13 4                                  |
| Murray Valley .. ..                    | 341 13 1                      | *81 18 1                                 | 8 10 10                          | 432 2 0      | ..                      | 432 2 0                                      |
| North Shepparton .. ..                 | 282 17 2                      | 26 0 0                                   | 7 1 5                            | 315 18 7     | ..                      | 315 18 7                                     |
| Nyah .. ..                             | 6,441 4 1                     | 672 0 0                                  | 161 0 7                          | 7,274 4 8    | ..                      | 7,274 4 8                                    |
| Red Cliffs .. ..                       | 56,357 15 1                   | 13,750 14 11                             | 1,487 4 9                        | 71,595 14 9  | 1,690 0 8               | 69,905 14 1                                  |
| Rochester .. ..                        | 1,377 9 8                     | *150 16 5                                | 34 8 9                           | 1,562 14 10  | ..                      | 1,562 14 10                                  |
| Rodney .. ..                           | 1,582 10 4                    | *225 5 1                                 | 39 11 3                          | 1,847 6 8    | ..                      | 1,847 6 8                                    |
| Shepparton .. ..                       | 767 15 4                      | *212 6 7                                 | 19 3 11                          | 999 5 10     | ..                      | 999 5 10                                     |
| South Shepparton .. ..                 | 99 5 2                        | 10 0 0                                   | 2 9 8                            | 111 14 10    | ..                      | 111 14 10                                    |
| Swan Hill .. ..                        | 4,147 11 5                    | 340 0 0                                  | 91 0 7                           | 4,578 12 0   | ..                      | 4,578 12 0                                   |
| Tongala-Stanhope .. ..                 | 1,157 4 5                     | *146 0 6                                 | 28 18 7                          | 1,332 3 6    | ..                      | 1,332 3 6                                    |
| Tragowel Plains .. ..                  | 681 19 7                      | 69 0 0                                   | 17 1 0                           | 768 0 7      | ..                      | 768 0 7                                      |
| Tresco .. ..                           | 1,282 10 9                    | 2,919 0 0                                | 94 12 3                          | 4,296 3 0    | ..                      | 4,296 3 0                                    |
| Werribee .. ..                         | 887 5 2                       | *92 10 0                                 | 22 3 8                           | 1,001 18 10  | ..                      | 1,001 18 10                                  |
| Totals .. ..                           | 99,404 15 2                   | *31,569 10 4                             | 2,842 18 4                       | 133,817 3 10 | 1,797 16 10             | 132,019 7 0                                  |

\* Direct Contributions to Depreciation Fund—Cohuna-Leitchville, £9 15s. 2d.; Kerang, £16 5s. 2d.; Maffra-Sale, £21 13s. 4d.; Murray Valley, £81 18s. 1d.; Rochester, £33 16s. 5d.; Rodney, £97 5s. 1d.; Shepparton, £165 6s. 7d.; Tongala-Stanhope, £40 0s. 6d.; Werribee, £10 10s.; Total, £476 10s. 4d.

## URBAN DIVISIONS OF IRRIGATION AND WATER SUPPLY DISTRICTS.

|                     |            |         |         |            |          |            |
|---------------------|------------|---------|---------|------------|----------|------------|
| Bacchus Marsh .. .. | 1,249 16 0 | 126 0 0 | 31 4 11 | 1,407 0 11 | ..       | 1,407 0 11 |
| Cohuna .. ..        | 643 10 7   | 99 0 0  | 16 1 9  | 758 12 4   | ..       | 758 12 4   |
| Corop .. ..         | 59 18 8    | 6 0 0   | 1 10 0  | 67 8 8     | ..       | 67 8 8     |
| Dingee .. ..        | 45 1 4     | 28 0 0  | 1 9 6   | 74 10 10   | ..       | 74 10 10   |
| Heyfield .. ..      | 1,144 6 10 | 115 0 0 | 28 12 2 | 1,287 19 0 | ..       | 1,287 19 0 |
| Leitchville .. ..   | 448 7 0    | 45 0 0  | 11 4 0  | 504 11 0   | ..       | 504 11 0   |
| Lockington .. ..    | 436 10 7   | 61 0 0  | 10 18 3 | 508 8 10   | ..       | 508 8 10   |
| Murrabit .. ..      | 101 9 11   | 205 9 9 | 6 17 0  | 313 16 8   | ..       | 313 16 8   |
| Red Cliffs .. ..    | 1,468 1 4  | 193 0 0 | 36 14 0 | 1,697 15 4 | 184 18 8 | 1,512 16 8 |
| Stanhope .. ..      | 266 5 1    | 35 0 0  | 6 13 2  | 307 18 3   | ..       | 307 18 3   |
| Totals .. ..        | 5,863 7 4  | 913 9 9 | 151 4 9 | 6,928 1 10 | 184 18 8 | 6,743 3 2  |

## WATERWORKS DISTRICTS.

|                            |              |            |            |             |           |              |
|----------------------------|--------------|------------|------------|-------------|-----------|--------------|
| Carwarp .. ..              | 738 3 0      | 1,680 0 0  | 53 19 8    | 2,472 2 8   | 18 16 4   | 2,453 6 4    |
| Carwarp Central .. ..      | 68 9 10      | 140 0 0    | 4 10 9     | 213 0 7     | ..        | 213 0 7      |
| Coreena .. ..              | 2,445 2 5    | 5,565 0 0  | 180 7 7    | 8,190 10 0  | ..        | 8,190 10 0   |
| Harcourt .. ..             | 25 1 5       | 25 0 0     | 0 12 6     | 50 13 11    | ..        | 50 13 11     |
| Hindmarsh .. ..            | 1,566 2 10   | 139 0 0    | 34 5 5     | 1,739 8 3   | ..        | 1,739 8 3    |
| Long Lake .. ..            | 538 4 8      | 1,225 0 0  | 39 14 1    | 1,802 18 9  | ..        | 1,802 18 9   |
| Millewa .. ..              | 8,471 12 7   | 20,916 0 0 | 659 18 0   | 30,047 10 7 | 3 16 9    | 30,043 13 10 |
| Millewa Central .. ..      | 3,126 11 11  | 8,568 0 0  | 261 15 4   | 11,956 7 3  | ..        | 11,956 7 3   |
| Mornington Peninsula .. .. | 3,632 6 8    | 900 0 0    | ..         | 4,532 6 8   | 4,532 6 8 | ..           |
| Otway .. ..                | 14,392 13 7  | 1,924 0 0  | 359 16 4   | 16,676 9 11 | ..        | 16,676 9 11  |
| Tyntynder .. ..            | 65 2 6       | 147 0 0    | 4 15 7     | 216 18 1    | ..        | 216 18 1     |
| Tyrrell .. ..              | 132 5 0      | 301 0 0    | 9 15 1     | 443 0 1     | ..        | 443 0 1      |
| Tyrrell West .. ..         | 701 4 10     | 1,596 0 0  | 51 14 7    | 2,348 19 5  | ..        | 2,348 19 5   |
| Upper West Wimmera .. ..   | 169 1 2      | ..         | ..         | 169 1 2     | ..        | 169 1 2      |
| Walpeup West .. ..         | 2,426 8 7    | 260 0 0    | 60 8 6     | 2,746 17 1  | 9 7 6     | 2,737 9 7    |
| Western Wimmera .. ..      | 5,405 10 5   | 595 0 0    | 135 2 9    | 6,135 13 2  | ..        | 6,135 13 2   |
| Wimmera United .. ..       | 314 14 5     | 33 0 0     | 7 17 4     | 355 11 9    | ..        | 355 11 9     |
| Totals .. ..               | 44,218 15 10 | 44,014 0 0 | 1,864 13 6 | 90,097 9 4  | 4,564 7 3 | 85,533 2 1   |

## URBAN DISTRICTS OF WATERWORKS DISTRICTS.

|                                    |             |           |          |            |             |             |
|------------------------------------|-------------|-----------|----------|------------|-------------|-------------|
| Allansford .. ..                   | 93 8 3      | 20 0 0    | 2 6 9    | 115 15 0   | ..          | 115 15 0    |
| Anglesea .. ..                     | 557 5 3     | 56 0 0    | 13 18 8  | 627 3 11   | ..          | 627 3 11    |
| Antwerp .. ..                      | 25 0 0      | 2 0 0     | 0 10 0   | 27 10 0    | ..          | 27 10 0     |
| Barwon Heads and Ocean Grove .. .. | 1,474 10 0  | 279 0 0   | 36 17 3  | 1,790 7 3  | ..          | 1,790 7 3   |
| Berriwillock .. ..                 | 159 16 9    | 16 0 0    | 4 0 0    | 179 16 9   | ..          | 179 16 9    |
| Berwick .. ..                      | 2,174 5 1   | 263 0 0   | 50 5 8   | 2,487 10 9 | 162 18 8    | 2,324 12 1  |
| Beulah .. ..                       | 153 12 0    | 23 0 0    | 3 16 10  | 180 8 10   | ..          | 180 8 10    |
| Birchip .. ..                      | 648 0 8     | 252 0 0   | 20 8 0   | 920 8 8    | ..          | 920 8 8     |
| Bittern .. ..                      | 243 2 5     | 34 0 0    | 5 17 9   | 283 0 2    | 7 12 4      | 275 7 10    |
| Brim .. ..                         | 327 3 9     | 31 0 0    | 7 14 9   | 365 18 6   | ..          | 365 18 6    |
| Bunyip .. ..                       | 1,206 14 2  | 144 0 0   | 29 6 9   | 1,380 0 11 | 32 5 0      | 1,347 15 11 |
| Camperdown .. ..                   | 4,671 17 4  | 638 0 0   | 116 16 0 | 5,426 13 4 | ..          | 5,426 13 4  |
| Carwarp .. ..                      | 88 2 4      | 24 4 8    | 1 9 0    | 113 16 0   | ..          | 113 16 0    |
| Chelsea-Frankston .. ..            | 26,284 11 6 | 3,458 0 0 | 609 16 0 | 30,352 7 6 | 1,892 12 10 | 28,459 14 8 |

## WATER SUPPLY WORKS DEPRECIATION ACCOUNTS AS AT 30TH JUNE, 1947—continued.

| District.  | Balance at<br>1st July, 1946. | Amounts Paid<br>into Account<br>1946-47. | Interest<br>Credited<br>1946-47. | Total.       | Expenditure<br>1946-47. | Balance in<br>Account at<br>30th June, 1947. |
|--|-------------------------------|--|----------------------------------|--------------|-------------------------|--|
|  | £ s. d.                       | £ s. d.                                  | £ s. d.                          | £ s. d.      | £ s. d.                 | £ s. d.                                      |
| URBAN DISTRICTS OF WATERWORKS DISTRICTS—continued. |                               |  |                                  |              |                         |  |
| Chillingollah .. ..                                | 99 12 5                       | 8 0 0                                    | 1 18 6                           | 109 10 11    | ..                      | 109 10 11                                    |
| Chinkapook .. ..                                   | 87 13 0                       | 56 0 0                                   | 1 16 4                           | 145 9 4      | ..                      | 145 9 4                                      |
| Cobden .. ..                                       | 1,124 15 0                    | 155 0 0                                  | 28 2 4                           | 1,307 17 4   | ..                      | 1,307 17 4                                   |
| Coliban .. ..                                      | 50,336 10 5                   | 17,588 15 3                              | 1,505 17 2                       | 69,431 2 10  | 8,619 16 0              | 60,811 6 10                                  |
| Cranbourne .. ..                                   | 1,008 19 0                    | 101 0 0                                  | 24 13 2                          | 1,134 12 2   | 22 12 5                 | 1,111 19 9                                   |
| Crib Point .. ..                                   | 481 2 7                       | 258 0 0                                  | 14 10 7                          | 753 13 2     | 28 17 10                | 724 15 4                                     |
| Culgoa .. ..                                       | 182 7 8                       | 18 0 0                                   | 4 10 0                           | 204 17 8     | ..                      | 204 17 8                                     |
| Dandenong-Springvale .. ..                         | 21,653 18 5                   | 2,320 0 0                                | 526 8 7                          | 24,500 7 0   | 596 16 9                | 23,903 10 3                                  |
| Dimboola .. ..                                     | 922 1 11                      | 541 0 0                                  | 22 8 4                           | 1,485 10 3   | 25 8 4                  | 1,460 1 11                                   |
| Dooen .. ..  | 109 15 4                      | 11 0 0                                   | 2 14 11                          | 123 10 3     | ..                      | 123 10 3                                     |
| Dromana-Portsea .. ..                              | 8,140 4 3                     | 1,535 0 0                                | 194 18 2                         | 9,870 2 5    | 343 15 6                | 9,526 6 11                                   |
| Drysdale .. ..                                     | 826 3 0                       | 83 0 0                                   | 20 13 0                          | 929 16 0     | ..                      | 929 16 0                                     |
| Garfield .. ..                                     | 911 3 6                       | 111 0 0                                  | 22 3 2                           | 1,044 6 8    | 24 17 2                 | 1,019 9 6                                    |
| Hastings .. ..                                     | 1,296 15 3                    | 161 0 0                                  | 31 10 4                          | 1,489 5 7    | 36 1 1                  | 1,453 4 6                                    |
| Hopetoun .. ..                                     | 536 18 5                      | 61 0 0                                   | 13 8 6                           | 611 6 11     | ..                      | 611 6 11                                     |
| Jeparit .. ..                                      | 291 9 9                       | 39 0 0                                   | 7 5 9                            | 337 15 6     | ..                      | 337 15 6                                     |
| Jung Jung .. ..                                    | 303 4 10                      | 172 7 0                                  | 10 15 3                          | 486 7 1      | ..                      | 486 7 1                                      |
| Koondrook .. ..                                    | 196 16 9                      | 430 9 6                                  | 14 1 8                           | 641 7 11     | ..                      | 641 7 11                                     |
| Lake Boga .. ..                                    | 294 19 8                      | 476 0 0                                  | 15 8 7                           | 786 8 3      | ..                      | 786 8 3                                      |
| Lalbert .. ..                                      | 248 6 5                       | 53 9 11                                  | 6 10 0                           | 308 6 4      | ..                      | 308 6 4                                      |
| Lascelles .. ..                                    | 194 12 5                      | 21 0 0                                   | 4 17 4                           | 220 9 9      | ..                      | 220 9 9                                      |
| Longwarry .. ..                                    | 921 1 8                       | 113 0 0                                  | 22 6 9                           | 1,056 8 5    | 27 12 10                | 1,028 15 7                                   |
| Manangatang .. ..                                  | 250 10 3                      | 33 0 0                                   | 6 5 3                            | 289 15 6     | ..                      | 289 15 6                                     |
| Marong .. ..                                       | 383 9 3                       | 39 0 0                                   | 9 11 9                           | 432 1 0      | ..                      | 432 1 0                                      |
| Marnoo .. ..                                       | 487 16 9                      | 33 0 0                                   | 8 4 10                           | 529 1 7      | ..                      | 529 1 7                                      |
| Merbein .. ..                                      | 1,301 13 9                    | 137 0 0                                  | 32 10 10                         | 1,471 4 7    | ..                      | 1,471 4 7                                    |
| Meringur .. ..                                     | 142 12 6                      | 39 0 0                                   | 3 3 5                            | 184 15 11    | ..                      | 184 15 11                                    |
| Minyip .. ..                                       | 432 11 1                      | 75 0 0                                   | 10 16 3                          | 518 7 4      | ..                      | 518 7 4                                      |
| Mitiamo .. ..                                      | 587 18 9                      | 39 0 0                                   | 9 16 5                           | 636 15 2     | 195 3 6                 | 441 11 8                                     |
| Mornington .. ..                                   | 5,855 16 11                   | 848 0 0                                  | 134 14 6                         | 6,838 11 5   | 466 15 10               | 6,371 15 7                                   |
| Nandaly .. ..                                      | 45 13 7                       | 9 0 0                                    | 1 2 10                           | 55 16 5      | ..                      | 55 16 5                                      |
| Natimuk .. ..                                      | 499 9 5                       | 50 0 0                                   | 12 9 9                           | 561 19 2     | ..                      | 561 19 2                                     |
| Newstead .. ..                                     | 454 10 8                      | 102 0 0                                  | 12 12 8                          | 569 3 4      | ..                      | 569 3 4                                      |
| Nullawill .. ..                                    | 25 17 11                      | 10 0 0                                   | 0 12 11                          | 36 10 10     | ..                      | 36 10 10                                     |
| Nyah .. ..   | 253 17 9                      | 31 0 0                                   | 6 3 0                            | 291 0 9      | ..                      | 291 0 9                                      |
| Nyah West .. ..                                    | 1,234 3 2                     | 116 0 0                                  | 30 12 0                          | 1,380 15 2   | 77 19 4                 | 1,302 15 10                                  |
| Ouyen .. ..  | 767 2 5                       | 111 0 0                                  | 18 13 10                         | 896 16 3     | 19 8 0                  | 877 8 3                                      |
| Pakenham .. ..                                     | 2,254 3 10                    | 231 0 0                                  | 55 1 1                           | 2,540 4 11   | 52 1 4                  | 2,488 3 7                                    |
| Patchewollock .. ..                                | 80 14 1                       | 17 0 0                                   | 2 0 4                            | 99 14 5      | ..                      | 99 14 5                                      |
| Piangil .. ..                                      | 352 6 10                      | 164 4 1                                  | 4 12 11                          | 521 3 10     | 278 16 2                | 242 7 8                                      |
| Portarlington .. ..                                | 1,572 19 10                   | 504 7 3                                  | 47 1 2                           | 2,124 8 3    | ..                      | 2,124 8 3                                    |
| Pyramid Hill .. ..                                 | 330 14 8                      | 39 0 0                                   | 8 5 4                            | 378 0 0      | ..                      | 378 0 0                                      |
| Quambatook .. ..                                   | 429 2 2                       | 43 0 0                                   | 10 13 7                          | 482 15 9     | ..                      | 482 15 9                                     |
| Queenscliff and Point Lonsdale .. ..               | 4,816 18 0                    | 514 0 0                                  | 120 8 5                          | 5,451 6 5    | ..                      | 5,451 6 5                                    |
| Rainbow .. ..                                      | 445 6 1                       | 48 0 0                                   | 11 2 8                           | 504 8 9      | ..                      | 504 8 9                                      |
| Rupanyup .. ..                                     | 439 12 5                      | 57 0 0                                   | 10 19 10                         | 507 12 3     | ..                      | 507 12 3                                     |
| Sea Lake .. ..                                     | 529 4 10                      | 75 0 0                                   | 13 4 7                           | 617 9 5      | ..                      | 617 9 5                                      |
| Somerville .. ..                                   | 583 8 9                       | 59 0 0                                   | 14 4 0                           | 656 12 9     | 15 7 7                  | 641 5 2                                      |
| South Frankston .. ..                              | 2,103 16 0                    | 312 0 0                                  | 52 1 5                           | 2,467 17 5   | 21 0 2                  | 2,446 17 3                                   |
| Speed .. ..  | 287 17 4                      | 19 0 0                                   | 4 13 9                           | 311 11 1     | ..                      | 311 11 1                                     |
| Tempy .. ..  | 251 14 7                      | 17 0 0                                   | 4 4 7                            | 272 19 2     | ..                      | 272 19 2                                     |
| Terang .. ..                                       | 3,726 14 3                    | 506 0 0                                  | 93 3 4                           | 4,325 17 7   | ..                      | 4,325 17 7                                   |
| Torquay .. ..                                      | 963 5 4                       | 97 0 0                                   | 24 1 7                           | 1,084 6 11   | ..                      | 1,084 6 11                                   |
| Ultima .. ..                                       | 80 5 1                        | 144 9 3                                  | 4 14 4                           | 229 8 8      | ..                      | 229 8 8                                      |
| Waitchie .. ..                                     | 154 14 0                      | 36 0 0                                   | 4 6 4                            | 195 0 4      | ..                      | 195 0 4                                      |
| Walpeup .. ..                                      | 128 2 6                       | 13 0 0                                   | 3 4 1                            | 144 6 7      | ..                      | 144 6 7                                      |
| Watchem .. ..                                      | 380 6 6                       | 35 0 0                                   | 8 14 10                          | 424 1 4      | ..                      | 424 1 4                                      |
| Werrimull .. ..                                    | 472 3 5                       | 48 0 3                                   | 9 6 11                           | 529 10 7     | 165 16 7                | 363 14 0                                     |
| Wonthaggi .. ..                                    | 4,822 16 8                    | 414 0 0                                  | 116 10 11                        | 5,353 7 7    | 859 15 8                | 4,493 11 11                                  |
| Woomelang .. ..                                    | 649 6 11                      | 65 0 0                                   | 16 4 8                           | 730 11 7     | ..                      | 730 11 7                                     |
| Woorinen .. ..                                     | 194 7 8                       | 16 0 0                                   | 3 18 2                           | 214 5 10     | ..                      | 214 5 10                                     |
| Wycheproof .. ..                                   | 1,663 2 11                    | 143 0 0                                  | 37 3 2                           | 1,843 6 1    | 57 14 3                 | 1,785 11 10                                  |
| Yaapect .. ..                                      | 71 14 8                       | 18 0 0                                   | 1 13 4                           | 91 8 0       | 5 3 4                   | 86 4 8                                       |
| Totals .. ..                                       | 168,784 4 8                   | 34,860 7 2                               | 4,379 7 5                        | 208,023 19 3 | 14,036 8 6              | 193,987 10 9                                 |

## DRAINAGE DISTRICTS.

|                  |             |           |          |             |    |             |
|------------------|-------------|-----------|----------|-------------|----|-------------|
| Merbein .. ..    | 4,939 19 6  | 568 16 1  | 124 6 11 | 5,633 2 6   | .. | 5,633 2 6   |
| Nyah .. ..       | 325 5 7     | 159 5 4   | 9 14 9   | 494 5 8     | .. | 494 5 8     |
| Red Cliffs .. .. | 8,125 1 7   | 879 0 0   | 203 2 6  | 9,207 4 1   | .. | 9,207 4 1   |
| Woorinen .. ..   | 1,360 11 7  | 213 0 0   | 34 0 4   | 1,607 11 11 | .. | 1,607 11 11 |
| Totals .. ..     | 14,750 18 3 | 1,820 1 5 | 371 4 6  | 16,942 4 2  | .. | 16,942 4 2  |

## BUILDINGS.

|                    |             |             |           |              |             |             |
|--------------------|-------------|-------------|-----------|--------------|-------------|-------------|
| Buildings .. ..    | ..          | 6,000 0 0   | ..        | 6,000 0 0    | ..          | 6,000 0 0   |
| Totals .. ..       | ..          | 6,000 0 0   | ..        | 6,000 0 0    | ..          | 6,000 0 0   |
| Grand Totals .. .. | 333,022 1 3 | 119,177 8 8 | 9,609 8 6 | 461,808 18 5 | 20,583 11 3 | 441,225 7 2 |

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

| <i>Water Supply Works Depreciation Account.</i> |         |       |         | <i>Water Supply Works Depreciation Fund (in Treasury).</i> |  |         |       |
|---|---------|-------|---------|--|--|---------|-------|
|   | £       | s. d. | £       | s. d.  |  | £       | s. d. |
| Balance from 1945-46 .. ..                      |         |       | 333,022 | 1 3  | Credit Balance as at 30th June, 1946 .. ..   | 52,031  | 19 0  |
| Paid into Account 1946-47 ..                    | 118,700 | 18 4  |         |  | Less Expenditure 1946-47 ..  | 20,583  | 11 3  |
| Paid by Commission direct to Fund 1946-47 .. .. | 476     | 10 4  |         |  |  | 31,448  | 7 9   |
|   |         |       | 119,177 | 8 8  | Paid by Commission direct to Fund 1946-47 .. ..  | 476     | 10 4  |
|   |         |       | 452,199 | 9 11   |  | 31,924  | 18 1  |
| Interest credited 1946-47 .. ..                 |         |       | 9,609   | 8 6  | Amount transferred to Fund by Treasury 1946-47 .. ..   |         |       |
|   |         |       | 461,808 | 18 5   |  | 31,924  | 18 1  |
| Less Expenditure 1946-47 .. ..                  |         |       | 20,583  | 11 3   | Less Amount Invested by Treasury 1946-47 .. ..   | 30,000  | 0 0   |
|   |         |       | 441,225 | 7 2  |  | 1,924   | 18 1  |
|   |         |       |         |  | Interest earned in Investment Account 1946-47 .. ..  | 7,220   | 11 8  |
|   |         |       |         |  |  | 9,145   | 9 9   |
|   |         |       |         |  | Amount at credit of Sundry Investment Account  | 301,341 | 8 11  |
|   |         |       |         |  | Amount credited to Account in Commission books — not credited to Fund by Treasury at 30th June, 1946 .. .. | 811     | 13 8  |
|   |         |       |         |  | Add amount paid to Revenue 1946-47 .. ..   | 118,700 | 18 4  |
|   |         |       |         |  |  | 119,512 | 12 0  |
|   |         |       |         |  | Less Amount transferred to Fund by Treasury 1946-47 .. ..  |         |       |
|   |         |       |         |  |  | 119,512 | 12 0  |
|   |         |       |         |  | Add—   |         |       |
|   |         |       |         |  | Total Interest credited to Account in Commission books at 30th June, 1947 ..                               | 37,292  | 15 1  |
|   |         |       |         |  | Less Amount credited to Fund by Treasury at 30th June, 1947 ..   | 26,066  | 18 7  |
|   |         |       |         |  |  | 11,225  | 16 6  |
|   |         |       |         |  | Amount not credited to Fund by Treasury at 30th June, 1947 .. ..   | 130,738 | 8 6   |
|   |         |       | 441,225 | 7 2  |  | 441,225 | 7 2   |

**WATER SUPPLY PLANT AND MACHINERY ACCOUNT (ACT 4761).  
SUMMARY OF OPERATING TRANSACTIONS FOR YEAR ENDED 30TH JUNE, 1947.**

|   | £ | 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, 1947 .. ..      |        |       | * 6,813 | 8 0   |
| Interest with respect to Capital Liability of—  |   |       |         |       | Redemption paid to Revenue No. 9, Miscellaneous, to 30th June, 1947 .. .. |        |       | 555     | 1 11  |
| As at 30th June, 1947, £371,252 9 3 ..  |   |       | 7,303   | 18 7  | Water Supply Plant and Machinery Depreciation Fund (in Treasury)          | 31,867 | 10 8  |         |       |
| Redemption .. ..  |   |       | 561     | 16 10 | Interest on Fund Investment .. ..   | 1,511  | 12 0  | 33,379  | 2 8   |
| Depreciation .. ..  |   |       | 31,867  | 10 8  | Cost of Operation, Maintenance, and Repairs                               |        |       | 21,934  | 15 9  |
| Cost of Operation, Maintenance and Repairs .. ..  |   |       | 51,282  | 3 4   | Stores Suspense Account Reserve .. ..                                     |        |       | 41,316  | 19 7  |
|   |   |       | 91,015  | 9 5   |   |        |       |         |       |
| Interest—Depreciation Fund Investment   |   |       | 1,511   | 12 0  |   |        |       | 103,999 | 7 11  |
| Balance from 1945-46 .. ..  |   |       | 11,472  | 6 6   |   |        |       |         |       |
|   |   |       | 103,999 | 7 11  |   |        |       |         |       |

\* Excludes the sum of £148 12 11 for interest credited in respect to Capital Liability of Plant and Machinery Depots and Workshops as at 30th June, 1947, of £29,736 5 9.

## WATER SUPPLY PLANT AND MACHINERY ACCOUNT (ACT 4761).

## SUMMARY OF CAPITAL TRANSACTIONS FOR YEAR ENDED 30TH JUNE, 1947.

|   | £  | s. | d. | £   | s. | d. | £       | s.      | d. | £       | s.      | d.     |    |   |
|---|----|----|----|-----|----|----|---------|---------|----|---------|---------|--------|----|---|
| Plant and Machinery—  |    |    |    |     |    |    |         |         |    |         |         |        |    |   |
| Debit Balance in Account as at 30th June, 1946 .. ..  | .. | .. | .. | ..  | .. | .. | 72,195  | 19      | 6  |         |         |        |    |   |
| Add—Purchases of Plant during year 1946–47 .. ..  | .. | .. | .. | ..  | .. | .. | 294,854 | 15      | 11 |         |         |        |    |   |
| Deduct—   |    |    |    |     |    |    |         |         |    |         |         |        |    |   |
| Redemption paid to Treasury 30th June, 1947 .. ..   | .. | .. | .. | 555 | 1  | 11 |         |         |    |         |         |        |    |   |
| Repayment of Capital .. ..  | .. | .. | .. | 633 | 16 | 6  |         |         |    |         |         |        |    |   |
|   |    |    |    |     |    |    | 1,188   | 18      | 5  |         |         |        |    |   |
|   |    |    |    |     |    |    | 293,665 | 17      | 6  |         |         |        |    |   |
| Add—Purchase of Building on site (Barooga, N.S.W.) .. ..  | .. | .. | .. |     |    |    | 5,390   | 12      | 3  |         |         |        |    |   |
|   |    |    |    |     |    |    |         | 299,056 | 9  | 9       |         |        |    |   |
|   |    |    |    |     |    |    |         |         |    | 371,252 | 9       | 3      |    |   |
| Plant and Machinery Depots and Workshops—   |    |    |    |     |    |    |         |         |    |         |         |        |    |   |
| Bendigo—  |    |    |    |     |    |    |         |         |    |         |         |        |    |   |
| Debit Balance in Account as at 30th June, 1946 .. ..  | .. | .. | .. |     |    |    | 402     | 0       | 0  |         |         |        |    |   |
| Add—Establishment Expenditure during year 1946–47 .. ..   | .. | .. | .. |     |    |    | 9,009   | 5       | 9  |         |         |        |    |   |
|   |    |    |    |     |    |    |         | 9,411   | 5  | 9       |         |        |    |   |
| Kerang—   |    |    |    |     |    |    |         |         |    |         |         |        |    |   |
| Establishment Expenditure during year 1946–47 .. ..   | .. | .. | .. | ..  | .. | .. |         | 325     | 0  | 0       |         |        |    |   |
|   |    |    |    |     |    |    |         |         |    | 9,736   | 5       | 9      |    |   |
| Total Capital Liability .. ..   | .. | .. | .. | ..  | .. | .. |         |         |    |         | 380,988 | 15     | 0  |   |
| Note.—Interest paid to Treasury in respect to Capital Liability of Plant and Machinery Account. |    |    |    |     |    |    |         |         |    |         |         |        |    |   |
| Plant and Machinery—  |    |    |    |     |    |    |         |         |    |         |         |        |    |   |
| Payments to 30th June, 1946 .. ..   | .. | .. | .. | ..  | .. | .. | 12,067  | 10      | 5  |         |         |        |    |   |
| Amount due and paid for year 1946–47 .. ..  | .. | .. | .. | ..  | .. | .. | 6,813   | 8       | 0  |         |         |        |    |   |
|   |    |    |    |     |    |    |         |         |    | ..      | ..      | 18,880 | 18 | 5 |
| Depot and Workshops—  |    |    |    |     |    |    |         |         |    |         |         |        |    |   |
| Bendigo—  |    |    |    |     |    |    |         |         |    |         |         |        |    |   |
| Payments to 30th June, 1946 .. ..   | .. | .. | .. | ..  | .. | .. | 6       | 0       | 9  |         |         |        |    |   |
| Amount due and paid for year 1946–47 .. ..  | .. | .. | .. | ..  | .. | .. | 143     | 18      | 8  |         |         |        |    |   |
|   |    |    |    |     |    |    |         |         |    | 149     | 19      | 5      |    |   |
| Kerang—   |    |    |    |     |    |    |         |         |    |         |         |        |    |   |
| Amount due and paid for year 1946–47 .. ..  | .. | .. | .. | ..  | .. | .. |         |         |    | 4       | 14      | 3      |    |   |
|   |    |    |    |     |    |    |         |         |    |         | 154     | 13     | 8  |   |
|   |    |    |    |     |    |    |         |         |    |         | 19,035  | 12     | 1  |   |

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

| Water Supply Plant and Machinery Depreciation Account. |    |        |    |        | Water Supply Plant and Machinery Depreciation Fund<br>(in Treasury). |    |  |        |        |        |        |    |   |
|--|----|--------|----|--------|--|----|--|--------|--------|--------|--------|----|---|
|  | £  | s.     | d. | £      | s.   | d. | £  | s.     | d.     |        |        |    |   |
| Credit Balance as at 30th June, 1946                   | .. |        |    | 63,080 | 2  | 0  | Balance as per Treasury General Account at 30th June, 1946               | ..     | 11,279 | 19     | 11     |    |   |
| Paid in to Account 1946-47—                            |    |        |    |        |  |    | Less Amount transferred by Treasury to Investment Account during 1946-47 | ..     | 8,000  | 0      | 0      |    |   |
| Proceeds from Hire of Plant                            | .. | 31,867 | 10 | 8      |  |    |  |        |        |        |        |    |   |
| Other Credits to Account                               | .. | 426    | 4  | 0      |  |    |  |        |        |        |        |    |   |
|  |    | 32,293 | 14 | 8      |  |    |  |        |        |        |        |    |   |
| Less Expenditure for replacement of Plant              | .. | 767    | 9  | 11     |  |    | Payments to Fund during 1946-47  | 32,293 | 14     | 8      |        |    |   |
|  |    | 31,526 | 4  | 9      |  |    | Interests credited by Treasury on Investments for year 1946-47           | 1,307  | 8      | 5      |        |    |   |
| Add—Interest Credited for year 1946-47                 | .. | 1,511  | 12 | 0      |  |    |  | 33,601 | 3      | 1      |        |    |   |
|  |    |        |    | 33,037 | 16   | 9  | Less Withdrawal for replacement of Plant                                 | ..     | 767    | 9      | 11     |    |   |
|  |    |        |    |        |  |    |  |        |        | 32,833 | 13     | 2  |   |
|  |    |        |    |        |  |    | Balance as per Treasury General Account as at 30th June, 1947            | ..     |        | 36,113 | 13     | 1  |   |
|  |    |        |    |        |  |    | Amount invested in Treasury Investment Account                           | ..     |        | 58,000 | 0      | 0  |   |
|  |    |        |    |        |  |    | Interest earned but not yet transferred to Fund—                         |        |        |        |        |    |   |
|  |    |        |    |        |  |    | As at 30th June, 1946  | ..     | 3,885  | 14     | 4      |    |   |
|  |    |        |    |        |  |    | Earned for year 1946-47  | ..     | 1,511  | 12     | 0      |    |   |
|  |    |        |    |        |  |    |  | £      | s.     | d.     |        |    |   |
|  |    |        |    |        |  |    |  |        | 5,397  | 6      | 4      |    |   |
|  |    |        |    |        |  |    | Less amount credited to Fund by Treasury—                                |        |        |        |        |    |   |
|  |    |        |    |        |  |    | As at 30th June, 1946  | ..     | 2,363  | 12     | 3      |    |   |
|  |    |        |    |        |  |    | Cr. for year 1946-47   | ..     | 1,307  | 8      | 5      |    |   |
|  |    |        |    |        |  |    |  |        | 3,393  | 0      | 8      |    |   |
|  |    |        |    |        |  |    |  |        |        |        | 2,004  | 5  | 8 |
|  |    |        |    |        |  |    |  |        |        |        | 96,117 | 18 | 9 |
|  |    |        |    |        |  |    |  |        |        |        |        |    |   |

## CAPITAL EXPENDITURE.

STATEMENT OF MONEYS EXPENDED FROM STATE FUNDS UNDER WATER SUPPLY LOAN ACTS FOR THE YEAR ENDED 30TH JUNE, 1947.

| Works.   | Water Supply Loan Funds. |       |           |       |           |       |
|--|--------------------------|-------|-----------|-------|-----------|-------|
|  | Act 5099.                |       | Act 5200. |       | Total.    |       |
|  | £                        | s. d. | £         | s. d. | £         | s. d. |
| <i>Free Headworks.</i>   |                          |       |           |       |           |       |
| Kow Swamp Works .. .. .  | 1,055                    | 14 2  | 1,781     | 5 4   | 2,836     | 19 6  |
| <i>Main Supply Works.</i>  |                          |       |           |       |           |       |
| Cairn Curran Reservoir .. .. .                                   | 8,744                    | 19 1  | 60,559    | 11 9  | 69,304    | 10 10 |
| East Goulburn Channel .. .. .                                    | ..                       | ..    | 7 13 4    | ..    | 7 13 4    | ..    |
| Eildon Reservoir Enlargement .. .. .                             | 4,285                    | 2 7   | 3,784     | 3 11  | 8,069     | 6 6   |
| Eppalock Reservoir .. .. .                                       | 65                       | 6 10  | 363       | 17 0  | 429       | 3 10  |
| Glenelg River to Wimmera-Mallee, Section 1 .. .. .               | Cr. 39                   | 11 9  | 750       | 19 0  | 711       | 7 3   |
| Glenmaggie Weir .. .. .  | 181                      | 16 8  | 24        | 19 2  | 206       | 15 10 |
| Goulburn-Waranga Channel Duplication .. .. .                     | 0                        | 18 10 | 1,378     | 13 6  | 1,379     | 12 4  |
| Lauriston Reservoir .. .. .                                      | 207                      | 16 2  | 224       | 8 5   | 432       | 4 7   |
| Loddon Weir .. .. .  | ..                       | ..    | 434       | 10 10 | 434       | 10 10 |
| Melton Reservoir .. .. .   | ..                       | ..    | 11        | 8 6   | 11        | 8 6   |
| Plant and Machinery .. .. .                                      | 109,522                  | 11 9  | 200,057   | 2 2   | 309,579   | 13 11 |
| Rocklands Reservoir .. .. .                                      | 100,462                  | 8 8   | 167,892   | 13 9  | 268,355   | 2 5   |
| Rocklands Outlet Channel .. .. .                                 | 712                      | 8 10  | 4,380     | 7 8   | 5,092     | 16 6  |
| Surveys and Investigations .. .. .                               | 22,089                   | 15 2  | 32,097    | 8 6   | 54,187    | 3 8   |
| Toolondo Outlet Channel .. .. .                                  | 3,164                    | 18 7  | 24,388    | 11 7  | 27,553    | 10 2  |
| Torrumbarry System (excluding Weir) .. .. .                      | 221                      | 16 3  | 640       | 3 10  | 862       | 0 1   |
| Waranga-Western Channel .. .. .                                  | ..                       | ..    | 0         | 7 6   | 0         | 7 6   |
| Wimmera Main Channels .. .. .                                    | 1,687                    | 11 5  | 4,438     | 8 10  | 6,126     | 0 3   |
| <i>Irrigation and Water Supply Districts.</i>                    |                          |       |           |       |           |       |
| Bacchus Marsh .. .. .  | ..                       | ..    | 72        | 16 4  | 72        | 16 4  |
| Boort .. .. .  | ..                       | ..    | 548       | 10 2  | 548       | 10 2  |
| Campaspe .. .. .   | 23                       | 0 4   | 25        | 11 1  | 48        | 11 5  |
| Cohuna .. .. .   | 193                      | 14 8  | 49        | 12 6  | 243       | 7 2   |
| Deakin .. .. .   | ..                       | ..    | 11        | 10 1  | 11        | 10 1  |
| Fish Point .. .. .   | 23                       | 3 5   | 245       | 15 0  | 268       | 18 5  |
| Kerang .. .. .   | 74                       | 7 11  | 831       | 2 6   | 905       | 10 5  |
| Koondrook .. .. .  | 295                      | 13 5  | 2,314     | 7 3   | 2,610     | 0 8   |
| Maffra-Sale .. .. .  | 508                      | 18 8  | 2,506     | 11 8  | 3,015     | 10 4  |
| Merbein .. .. .  | 11                       | 18 4  | 99        | 13 1  | 111       | 11 5  |
| Murray Valley .. .. .  | 59,638                   | 16 2  | 84,121    | 14 0  | 143,760   | 10 2  |
| Mystic Park .. .. .  | 3                        | 11 10 | 238       | 10 7  | 242       | 2 5   |
| Nambrok-Denison (under construction) .. .. .                     | 98                       | 16 4  | 3,300     | 7 9   | 3,399     | 4 1   |
| North Shepparton .. .. .   | ..                       | ..    | 19        | 10 0  | 19        | 10 0  |
| Nyah .. .. .   | 14                       | 6 6   | 163       | 12 5  | 177       | 18 11 |
| Red Cliffs .. .. .   | 34                       | 5 1   | 1,728     | 2 5   | 1,762     | 7 6   |
| Robinvale (under construction) .. .. .                           | ..                       | ..    | 27,651    | 10 6  | 27,651    | 10 6  |
| Rochester .. .. .  | 298                      | 18 6  | 715       | 3 7   | 1,014     | 2 1   |
| Rodney .. .. .   | 1,016                    | 0 2   | 1,283     | 15 0  | 2,299     | 15 2  |
| Shepparton .. .. .   | 3                        | 13 10 | 141       | 17 6  | 145       | 11 4  |
| Swan Hill .. .. .  | 77                       | 18 5  | 442       | 18 10 | 520       | 17 3  |
| Third Lake .. .. .   | 2                        | 17 1  | 37        | 4 5   | 40        | 1 6   |
| Tragowel Plains .. .. .  | 294                      | 16 8  | 997       | 6 8   | 1,292     | 3 4   |
| Tresco .. .. .   | ..                       | ..    | 932       | 6 2   | 932       | 6 2   |
| <i>Urban Divisions of Irrigation and Water Supply Districts.</i> |                          |       |           |       |           |       |
| Bacchus Marsh .. .. .  | 6                        | 6 0   | 61        | 9 10  | 67        | 15 10 |
| Cohuna .. .. .   | 12                       | 12 0  | 132       | 16 3  | 145       | 8 3   |
| Dingee .. .. .   | 22                       | 7 6   | 22        | 19 5  | 45        | 6 11  |
| Heyfield .. .. .   | Cr. 0                    | 0 8   | 144       | 7 2   | 144       | 6 6   |
| Lockington .. .. .   | ..                       | ..    | 17        | 11 4  | 17        | 11 4  |
| Red Cliffs .. .. .   | 6                        | 0 1   | 36        | 5 0   | 42        | 5 1   |
| Tallygaroopna .. .. .  | ..                       | ..    | 971       | 11 9  | 971       | 11 9  |
| <i>Waterworks Districts.</i>                                     |                          |       |           |       |           |       |
| Bellarine Peninsula (including Headworks) .. .. .                | 358                      | 0 10  | 1,427     | 15 3  | 1,785     | 16 1  |
| Birchip .. .. .  | 222                      | 12 0  | 189       | 2 6   | 411       | 14 6  |
| Coreena .. .. .  | 91                       | 14 11 | 1,154     | 11 5  | 1,246     | 6 4   |
| Hindmarsh .. .. .  | 74                       | 10 0  | 187       | 10 3  | 262       | 0 3   |
| Kerang North-West Lakes .. .. .                                  | 0                        | 8 9   | 42        | 5 9   | 42        | 14 6  |
| Long Lake .. .. .  | 40                       | 6 9   | 682       | 15 10 | 723       | 2 7   |
| Millewa .. .. .  | 342                      | 1 7   | 110       | 12 0  | 452       | 13 7  |
| Mornington Peninsula (including Headworks) .. .. .               | 11,879                   | 13 7  | 19,649    | 6 7   | 31,529    | 0 2   |
| Normanville .. .. .  | 1,756                    | 3 2   | 5,216     | 8 9   | 6,972     | 11 11 |
| Otway .. .. .  | 3,693                    | 16 0  | 8,216     | 3 6   | 11,909    | 19 6  |
| Sea Lake .. .. .   | 312                      | 2 8   | 1,469     | 3 5   | 1,781     | 6 1   |
| Tyntynder .. .. .  | 28                       | 6 11  | 1,103     | 2 10  | 1,131     | 9 9   |
| Tyrrell .. .. .  | 329                      | 15 3  | 1,905     | 17 1  | 2,235     | 12 4  |
| Tyrrell West .. .. .   | 557                      | 3 3   | 626       | 13 3  | 1,183     | 16 6  |
| Upper Western Wimmera .. .. .                                    | 279                      | 11 0  | 923       | 11 7  | 1,203     | 2 7   |
| Upper Wimmera United .. .. .                                     | Cr. 27                   | 8 7   | 484       | 11 5  | 457       | 2 10  |
| Walpeup West .. .. .   | 71                       | 6 7   | 30        | 0 11  | 101       | 7 6   |
| Western Wimmera .. .. .  | 1,145                    | 19 0  | 4,562     | 18 9  | 5,708     | 17 9  |
| Wimmera United .. .. .   | 1,160                    | 14 4  | 3,355     | 11 1  | 4,516     | 5 5   |
| Wycheproof .. .. .   | 360                      | 5 4   | 2,247     | 16 4  | 2,608     | 1 8   |
| Wychitella .. .. .   | 16,773                   | 5 2   | 17,871    | 12 0  | 34,644    | 17 2  |
| Yelta .. .. .  | 0                        | 5 4   | 2         | 4 7   | 2         | 9 11  |
| Carried forward .. .. .  | 354,476                  | 9 4   | 704,542   | 19 11 | 1,059,019 | 9 3   |

CAPITAL EXPENDITURE—continued.

STATEMENT OF MONEYS EXPENDED FROM STATE FUNDS UNDER WATER SUPPLY LOAN ACTS FOR THE  
YEAR ENDED 30TH JUNE, 1947—continued.

| Works.   | Water Supply Loan Funds. |       |              |       |                |       |
|--|--------------------------|-------|--------------|-------|----------------|-------|
|  | Act 5099.                |       | Act 5200.    |       | Total.         |       |
|  | £                        | s. d. | £            | s. d. | £              | s. d. |
| Brought forward .. .. .                              | 354,476                  | 9 4   | 704,542      | 19 11 | 1,059,019      | 9 3   |
| <i>Urban Districts of Waterworks Districts.</i>      |                          |       |              |       |                |       |
| Allansford .. .. .                                   | ..                       | ..    | 115 10 9     | ..    | 115 10 9       | ..    |
| Anglesea .. .. .                                     | 48 2 10                  | ..    | 182 19 11    | ..    | 231 2 9        | ..    |
| Barwon Heads and Ocean Grove..                       | 190 0 7                  | ..    | 872 8 7      | ..    | 1,062 9 2      | ..    |
| Berwick .. .. .                                      | 153 7 9                  | ..    | 226 9 5      | ..    | 379 17 2       | ..    |
| Beulah.. .. .  | 9 12 5                   | ..    | 10 9 8       | ..    | 20 2 1         | ..    |
| Birregurra .. .. .                                   | 9,283 5 0                | ..    | 6,561 19 3   | ..    | 15,845 4 3     | ..    |
| Bunyip .. .. .                                       | 97 12 1                  | ..    | 8 3 4        | ..    | 105 15 5       | ..    |
| Camperdown .. .. .                                   | 0 11 5                   | ..    | 417 10 3     | ..    | 418 1 8        | ..    |
| Chelsea-Frankston .. .. .                            | 1,658 6 11               | ..    | 1,189 5 11   | ..    | 2,847 12 10    | ..    |
| Chillingollah .. .. .                                | ..                       | ..    | 103 3 9      | ..    | 103 3 9        | ..    |
| Cobden .. .. .                                       | Cr. 6 4 8                | ..    | 45 13 0      | ..    | 39 8 4         | ..    |
| Coliban .. .. .                                      | 33,139 6 0               | ..    | 42,948 1 0   | ..    | 76,087 7 0     | ..    |
| Crib Point .. .. .                                   | Cr. 9 17 6               | ..    | Cr. 0 16 8   | ..    | Cr. 10 14 2    | ..    |
| Dandenong-Springvale .. .. .                         | 888 19 0                 | ..    | 413 0 0      | ..    | 1,301 19 0     | ..    |
| Dimboola .. .. .                                     | 94 13 1                  | ..    | 57 1 8       | ..    | 151 14 9       | ..    |
| Dromana-Portsea .. .. .                              | 241 1 0                  | ..    | 212 11 7     | ..    | 453 12 7       | ..    |
| Drysdale .. .. .                                     | 14 18 4                  | ..    | 54 9 10      | ..    | 69 8 2         | ..    |
| Garfield .. .. .                                     | 3 6 9                    | ..    | 9 16 9       | ..    | 13 3 6         | ..    |
| Hopetoun .. .. .                                     | 4 15 10                  | ..    | 46 10 7      | ..    | 51 6 5         | ..    |
| Jeparit .. .. .                                      | ..                       | ..    | 33 5 2       | ..    | 33 5 2         | ..    |
| Koondrook .. .. .                                    | 187 17 2                 | ..    | 56 11 5      | ..    | 244 8 7        | ..    |
| Lalbert .. .. .                                      | 2 15 0                   | ..    | 0 5 0        | ..    | 3 0 0          | ..    |
| Longwarry .. .. .                                    | 21 17 0                  | ..    | 27 16 2      | ..    | 49 13 2        | ..    |
| Manangatang .. .. .                                  | 2 9 4                    | ..    | 7 1 0        | ..    | 9 10 4         | ..    |
| Merbein .. .. .                                      | ..                       | ..    | 17 16 8      | ..    | 17 16 8        | ..    |
| Mornington .. .. .                                   | 478 14 11                | ..    | 339 3 0      | ..    | 817 17 11      | ..    |
| Nyah .. .. .   | 5 10 0                   | ..    | 38 2 3       | ..    | 43 12 3        | ..    |
| Nyah West .. .. .                                    | 8 5 0                    | ..    | 25 9 0       | ..    | 33 14 0        | ..    |
| Pakenham .. .. .                                     | ..                       | ..    | 3 19 5       | ..    | 3 19 5         | ..    |
| Patchewollock .. .. .                                | 2 18 3                   | ..    | 11 11 0      | ..    | 14 9 3         | ..    |
| Portarlington .. .. .                                | 33 17 5                  | ..    | 230 14 1     | ..    | 264 11 6       | ..    |
| Queenscliff and Point Lonsdale ..                    | 6 6 7                    | ..    | 729 10 10    | ..    | 735 17 5       | ..    |
| Rainbow .. .. .                                      | ..                       | ..    | 16 19 5      | ..    | 16 19 5        | ..    |
| Rupanyup .. .. .                                     | ..                       | ..    | 3 0 0        | ..    | 3 0 0          | ..    |
| Somerville .. .. .                                   | Cr. 2 15 0               | ..    | Cr. 0 5 0    | ..    | Cr. 3 0 0      | ..    |
| South Frankston .. .. .                              | Cr. 3 12 6               | ..    | 93 15 7      | ..    | 90 3 1         | ..    |
| Speed .. .. .  | ..                       | ..    | 3 8 11       | ..    | 3 8 11         | ..    |
| Tempy .. .. .  | ..                       | ..    | 0 8 11       | ..    | 0 8 11         | ..    |
| Terang .. .. .                                       | 189 14 9                 | ..    | 15 16 8      | ..    | 205 11 5       | ..    |
| Torquay .. .. .                                      | 38 3 11                  | ..    | 166 16 5     | ..    | 205 0 4        | ..    |
| Tynong and Nar-Nar-Goon .. .. .                      | 5 11 8                   | ..    | 134 17 5     | ..    | 140 9 1        | ..    |
| Ultima .. .. .                                       | ..                       | ..    | 112 4 7      | ..    | 112 4 7        | ..    |
| Wonthaggi .. .. .                                    | 1 5 0                    | ..    | 146 1 6      | ..    | 147 6 6        | ..    |
| Woorinen .. .. .                                     | ..                       | ..    | 3 8 0        | ..    | 3 8 0          | ..    |
| Wycheproof .. .. .                                   | ..                       | ..    | 85 7 7       | ..    | 85 7 7         | ..    |
| Yaapeet .. .. .                                      | 2 18 3                   | ..    | 0 5 0        | ..    | 3 3 3          | ..    |
| <i>Flood Protection Districts.</i>                   |                          |       |              |       |                |       |
| Koo-wee-rup .. .. .                                  | 1,743 19 0               | ..    | 4,997 6 3    | ..    | 6,741 5 3      | ..    |
| <i>Drainage Districts.</i>                           |                          |       |              |       |                |       |
| Cohuna .. .. .                                       | 119 1 0                  | ..    | 571 1 4      | ..    | 690 2 4        | ..    |
| Dingee .. .. .                                       | 1,681 13 6               | ..    | 5,125 11 5   | ..    | 6,807 4 11     | ..    |
| Kerang East .. .. .                                  | 303 0 10                 | ..    | 59 15 7      | ..    | 362 16 5       | ..    |
| Maffra-Sale .. .. .                                  | 135 14 10                | ..    | 211 2 5      | ..    | 346 17 3       | ..    |
| Nyah .. .. .   | 6,923 15 4               | ..    | 8,692 0 9    | ..    | 15,615 16 1    | ..    |
| Red Cliffs .. .. .                                   | 394 3 2                  | ..    | 63 7 5       | ..    | 457 10 7       | ..    |
| Rochester .. .. .                                    | ..                       | ..    | 219 10 3     | ..    | 219 10 3       | ..    |
| Rodney .. .. .                                       | 4,436 3 7                | ..    | 9,754 15 10  | ..    | 14,190 19 5    | ..    |
| Shepparton .. .. .                                   | 246 3 2                  | ..    | 1,107 6 7    | ..    | 1,353 9 9      | ..    |
| Tongala-Stanhope .. .. .                             | ..                       | ..    | 753 16 8     | ..    | 753 16 8       | ..    |
| Woorinen .. .. .                                     | 2 13 1                   | ..    | 346 12 11    | ..    | 349 6 0        | ..    |
| Waterworks Trusts and Local Governing Bodies .. .. . | 92,562 14 8              | ..    | 164,079 4 3  | ..    | 256,641 18 11  | ..    |
| Totals .. .. .                                       | 509,819 5 1              | ..    | 956,302 10 2 | ..    | 1,466,121 15 3 | ..    |

# 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.  |  | Expenditure. | Totals at 30th June, 1947. |
|---|--|--------------|----------------------------|
|   |  | £ s. d.      | £ s. d.                    |
| <b>Broken River Works.</b> —Casey's Weir and offtake, with about 59 chains of channel to the Broken Creek; Gowangardie Weir with offtake sluice |  | 14,832 15 0  |                            |
| <b>Goulburn River Works.</b> —Weir on the Goulburn River, about 9 miles above Murchison; channel therefrom, about 23½ miles, to Waranga         |  |              |                            |
| Reservoir; and that Reservoir (but exclusive of the work of its enlargement)  |  | 740,022 9 2  |                            |
| <b>Kerang North-West Lakes Works.</b> —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 Tutchevop, and to the Little Murray River, with water                 |  |              |                            |
| storage works at these lakes  |  | 26,671 12 10 |                            |
| <b>Kow Swamp Works.</b> —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,                |  | 200,565 11 2 |                            |
| about 23½ miles, to the left bank of the Loddon River   |  | 49,057 4 2   |                            |
| <b>Lake Lonsdale Reservoir.</b> —Reservoir at Lake Lonsdale, on the Little Wimmera River, near Ledcourt   |  | 173,801 4 8  |                            |
| <b>Loddon River Works.</b> —Laanecoore Weir, on the Loddon; Bridgewater Weir, on the Loddon; Kinypaniel Weir, on the Loddon                     |  |              |                            |
| <b>Long Lake Pumping Works.</b> —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;            |  | 27,305 18 5  |                            |
| system of main distributary channels, about 85 miles in length  |  |              |                            |
| <b>Lower Wimmera Compensation Works.</b> —Drung Drung Weir, on the Wimmera, near allotment 29, parish of Longerenong; Dimboola Weir, on         |  |              |                            |
| the Wimmera, near Dimboola township; Antwerp Weir, on the Wimmera at Antwerp Station homestead; Jeparit Weir on the                             |  |              |                            |
| Wimmera, near Jeparit township  |  | 8,663 12 3   |                            |
|   |  |              | 1,240,920 7 8              |
| B.—CAPITAL WORKS AND CHARGES NOT APPORTIONABLE TO DISTRICTS.  |  |              |                            |
| <b>Geelong</b> (inclusive of Loan Flotation Expenses)   |  | 161,872 7 3  |                            |
| <b>Eppalock Reservoir</b>   |  | 112,973 2 5  |                            |
| <b>Goulburn Levees</b>  |  | 30,797 0 4   |                            |
| <b>Torrumbarry System</b> (excluding Weir)  |  | 9,228 11 6   |                            |
| <b>Lang Lang River Works</b>  |  | 48,543 8 9   |                            |
| <b>Surveys and Preliminary Investigations</b>   |  | 328,805 9 4  |                            |
| <b>Loan Flotation Expenses</b>  |  | 993,739 4 9  |                            |
| <b>Plant and Machinery Suspense</b>   |  | 380,988 15 0 |                            |
|   |  |              | 2,066,947 19 4             |

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   | .. | .. | .. | 1,897,415  | 10 | 11 | ..        | .. | .. |
| Eildon Reservoir Enlargement (Proposed—Not Apportioned to Districts)   | .. | .. | .. | 29,004     | 18 | 4  | ..        | .. | .. |
| Waranga Reservoir Enlargement  | .. | .. | .. | 609,121    | 16 | 4  | ..        | .. | .. |
| Laanecoorie Weir Improvements  | .. | .. | .. | 2,509      | 9  | 3  | ..        | .. | .. |
| Cairn Curran Reservoir (Under construction—Not apportioned to districts)   | .. | .. | .. | 94,827     | 19 | 9  | ..        | .. | .. |
| <b>Goulburn Main Channels—</b>   |    |    |    | 2,639,414  |    |    | 1         | 11 |    |
| East Goulburn Main   | .. | .. | .. | 363,970    | 11 | 11 | ..        | .. | .. |
| Goulburn-Waranga   | .. | .. | .. | 6,922      | 8  | 4  | ..        | .. | .. |
| Goulburn-Waranga Duplication (Proposed—Not Apportioned to Districts)   | .. | .. | .. | 4,191      | 19 | 7  | ..        | .. | .. |
| Waranga-Western Main   | .. | .. | .. | 1,047,525  | 18 | 0  | ..        | .. | .. |
| Main Distributaries  | .. | .. | .. | 10,635     | 13 | 0  | ..        | .. | .. |
| Total Goulburn and Loddon Works (exclusive of Free Headworks)  |    |    |    | ..         | .. | .. | 4,072,660 | 12 | 9  |
| Less Debited to Wimmera-Mallee   |    |    |    | ..         | .. | .. | 100,047   | 8  | 11 |
| <b>Bacchus Marsh and Werribee Schemes—</b>   |    |    |    | 3,972,613  |    |    | 3         | 10 |    |
| Ballan Tunnel  | .. | .. | .. | ..         | .. | .. | 21,677    | 14 | 8  |
| Pykes Creek Reservoir  | .. | .. | .. | ..         | .. | .. | 142,673   | 10 | 3  |
| Melton Reservoir   | .. | .. | .. | ..         | .. | .. | 99,915    | 13 | 1  |
| Lerderberg River Flats   | .. | .. | .. | ..         | .. | .. | 330       | 0  | 8  |
| <b>Bellarine Peninsula Waterworks District (exclusive of cost of Urban Reticulation)</b>                         |    |    |    | ..         | .. | .. | 483,187   | 8  | 8  |
| Less Redemption paid to Revenue  |    |    |    | ..         | .. | .. | 1,887     | 5  | 1  |
| <b>Mornington Peninsula Waterworks District (exclusive of cost of Distributary Works and Urban Reticulation)</b> |    |    |    | ..         | .. | .. | 1,026,532 | 19 | 2  |
| Less Redemption paid to Revenue  |    |    |    | ..         | .. | .. | 1,276     | 12 | 11 |
| <b>Maffra-Sale Scheme—Glennaggie Reservoir</b>   |    |    |    | ..         | .. | .. | ..        | .. | .. |
| 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)  | .. | .. | .. | ..         | .. | .. | 271,529   | 14 | 6  |
| Less Redemption Paid to Revenue  |    |    |    | ..         | .. | .. | 2,187     | 8  | 11 |
| <b>Wimmera-Mallee—</b>   |    |    |    | ..         | .. | .. | 269,342   | 5  | 7  |
| Main Channels and Storages inclusive of £100,047 8s. 11d. from Goulburn Works                                    | .. | .. | .. | ..         | .. | .. | 954,548   | 15 | 5  |
| Glendelg River Development Works (Under Construction, Not Apportioned to Districts)                              | .. | .. | .. | ..         | .. | .. | 533,014   | 1  | 1  |
|  |    |    |    | 11,179,612 |    |    | 3         | 6  |    |

Carried forward ..

14,487,480 10 6

LOAN CAPITAL ACCOUNTS—continued.

Totals at  
30th June, 1947.

£ s. d.  
14,487,480 10 6

Brought forward ..

| Name of District.                         | Loan Capital Expenditure. |    |    |                     |    |    | Allotted to District. |    |    | Capital Expenditure borne by the State Account. |    |           |                     |    |           |        |    |            |    |    |
|---|---------------------------|----|----|---------------------|----|----|-----------------------|----|----|---|----|-----------|---------------------|----|-----------|--------|----|------------|----|----|
|   | Headworks.                |    |    | Distributary Works. |    |    |                       |    |    | Headworks.                                      |    |           | Distributary Works. |    |           | Total. |    |            |    |    |
|   | £                         | s. | d. | £                   | s. | d. | £                     | s. | d. | £   | s. | d.        | £                   | s. | d.        |        |    |            |    |    |
| D.—IRRIGATION AND WATER SUPPLY DISTRICTS. |                           |    |    |                     |    |    |                       |    |    |   |    |           |                     |    |           |        |    |            |    |    |
| 1. Bacchus Marsh                          | 83,000                    | 10 | 0  | 96,121              | 14 | 7  | 179,122               | 4  | 7  | ..  | .. | 83,000    | 10                  | 0  | 96,121    | 14     | 7  | 179,122    | 4  | 7  |
| 2. Boort                                  | 170,598                   | 7  | 10 | 80,423              | 19 | 6  | 251,022               | 7  | 4  | ..  | .. | 170,598   | 7                   | 10 | 80,423    | 19     | 6  | 251,022    | 7  | 4  |
| 3. Calivil                                | 81,800                    | 13 | 4  | 112,891             | 19 | 5  | 194,692               | 12 | 9  | ..  | .. | 81,800    | 13                  | 4  | 112,891   | 19     | 5  | 194,692    | 12 | 9  |
| 4. Campaspe                               | 5,040                     | 18 | 5  | 13,099              | 2  | 3  | 18,140                | 0  | 8  | ..  | .. | 5,040     | 18                  | 5  | 13,099    | 2      | 3  | 18,140     | 0  | 8  |
| 5. Cohuna                                 | 500,500                   | 8  | 1  | 326,676             | 10 | 3  | 827,176               | 18 | 4  | ..  | .. | 500,500   | 8                   | 1  | 326,676   | 10     | 3  | 827,176    | 18 | 4  |
| 6. Deakin                                 | 36,989                    | 2  | 2  | 58,280              | 15 | 1  | 95,269                | 17 | 3  | ..  | .. | 36,989    | 2                   | 2  | 58,280    | 15     | 1  | 95,269     | 17 | 3  |
| 7. Dingee                                 | 58,383                    | 10 | 8  | 15,359              | 5  | 9  | 73,742                | 16 | 5  | ..  | .. | 58,383    | 10                  | 8  | 15,359    | 5      | 9  | 73,742     | 16 | 5  |
| 8. Fish Point                             | 21,707                    | 0  | 0  | 16,073              | 10 | 1  | 37,780                | 10 | 1  | ..  | .. | 21,707    | 0                   | 0  | 16,073    | 10     | 1  | 37,780     | 10 | 1  |
| 9. Katandra                               | 75,176                    | 15 | 2  | 105,534             | 11 | 10 | 180,711               | 7  | 0  | ..  | .. | 75,176    | 15                  | 2  | 105,534   | 11     | 10 | 180,711    | 7  | 0  |
| 10. Kerang                                | 251,516                   | 0  | 0  | 131,187             | 6  | 2  | 382,703               | 6  | 2  | ..  | .. | 251,516   | 0                   | 0  | 131,187   | 6      | 2  | 382,703    | 6  | 2  |
| 11. Koondrook                             | 247,864                   | 0  | 0  | 222,276             | 2  | 9  | 470,140               | 2  | 9  | ..  | .. | 247,864   | 0                   | 0  | 222,276   | 2      | 9  | 470,140    | 2  | 9  |
| 12. Maffra-Sale                           | 680,687                   | 16 | 10 | 593,412             | 5  | 2  | 1,274,100             | 2  | 0  | ..  | .. | 680,687   | 16                  | 10 | 593,412   | 5      | 2  | 1,274,100  | 2  | 0  |
| 13. Merbein                               | 195,760                   | 0  | 0  | 275,009             | 9  | 1  | 470,769               | 9  | 1  | ..  | .. | 195,760   | 0                   | 0  | 275,009   | 9      | 1  | 470,769    | 9  | 1  |
| 14. Murray Valley                         | 897,294                   | 4  | 6  | 937,772             | 16 | 6  | 1,835,067             | 1  | 0  | ..  | .. | 897,294   | 4                   | 6  | 937,772   | 16     | 6  | 1,835,067  | 1  | 0  |
| 15. Mystic Park                           | 39,419                    | 19 | 8  | 18,267              | 5  | 6  | 57,687                | 5  | 2  | ..  | .. | 39,419    | 19                  | 8  | 18,267    | 5      | 6  | 57,687     | 5  | 2  |
| 16. Nambrook-Denison                      | ..                        | .. | .. | 10,293              | 2  | 5  | 10,293                | 2  | 5  | ..  | .. | ..        | ..                  | .. | 10,293    | 2      | 5  | 10,293     | 2  | 5  |
| 17. North Shepparton                      | 158,674                   | 19 | 10 | 199,712             | 13 | 10 | 358,387               | 13 | 8  | ..  | .. | 158,674   | 19                  | 10 | 199,712   | 13     | 10 | 358,387    | 13 | 8  |
| 18. Nyah                                  | 74,857                    | 0  | 0  | 130,221             | 1  | 5  | 205,078               | 1  | 5  | ..  | .. | 74,857    | 0                   | 0  | 130,221   | 1      | 5  | 205,078    | 1  | 5  |
| 19. Red Cliffs                            | 283,152                   | 0  | 0  | 794,928             | 6  | 2  | 1,078,080             | 6  | 2  | ..  | .. | 283,152   | 0                   | 0  | 794,928   | 6      | 2  | 1,078,080  | 6  | 2  |
| 20. Robinvale (under construction)        | ..                        | .. | .. | 27,651              | 10 | 6  | 27,651                | 10 | 6  | ..  | .. | ..        | ..                  | .. | 27,651    | 10     | 6  | 27,651     | 10 | 6  |
| 21. Rochester                             | 846,382                   | 11 | 0  | 341,443             | 0  | 2  | 1,187,825             | 11 | 2  | ..  | .. | 846,382   | 11                  | 0  | 341,443   | 0      | 2  | 1,187,825  | 11 | 2  |
| 22. Rodney                                | 909,885                   | 3  | 3  | 580,242             | 15 | 2  | 1,490,127             | 18 | 5  | ..  | .. | 909,885   | 3                   | 3  | 580,242   | 15     | 2  | 1,490,127  | 18 | 5  |
| 23. Shepparton                            | 287,946                   | 16 | 9  | 198,454             | 3  | 1  | 486,400               | 19 | 10 | ..  | .. | 287,946   | 16                  | 9  | 198,454   | 3      | 1  | 486,400    | 19 | 10 |
| 24. South Shepparton                      | 59,043                    | 7  | 4  | 59,432              | 0  | 3  | 118,475               | 7  | 7  | ..  | .. | 59,043    | 7                   | 4  | 59,432    | 0      | 3  | 118,475    | 7  | 7  |
| 25. Swan Hill                             | 293,437                   | 0  | 0  | 185,997             | 6  | 9  | 479,434               | 6  | 9  | ..  | .. | 293,437   | 0                   | 0  | 185,997   | 6      | 9  | 479,434    | 6  | 9  |
| 26. Third Lake                            | 25,637                    | 0  | 0  | 25,340              | 12 | 5  | 50,977                | 12 | 5  | ..  | .. | 25,637    | 0                   | 0  | 25,340    | 12     | 5  | 50,977     | 12 | 5  |
| 27. Tongala-Stanhope                      | 646,142                   | 11 | 3  | 296,804             | 6  | 4  | 942,946               | 17 | 7  | ..  | .. | 646,142   | 11                  | 3  | 296,804   | 6      | 4  | 942,946    | 17 | 7  |
| 28. Tragowel Plains                       | 508,523                   | 9  | 2  | 261,532             | 4  | 2  | 770,055               | 13 | 4  | ..  | .. | 508,523   | 9                   | 2  | 261,532   | 4      | 2  | 770,055    | 13 | 4  |
| 29. Tresco                                | 25,960                    | 0  | 0  | 92,140              | 3  | 1  | 118,100               | 3  | 1  | ..  | .. | 25,960    | 0                   | 0  | 92,140    | 3      | 1  | 118,100    | 3  | 1  |
| 30. Werribee                              | 181,596                   | 8  | 8  | 118,644             | 19 | 10 | 300,241               | 8  | 6  | ..  | .. | 181,596   | 8                   | 8  | 118,644   | 19     | 10 | 300,241    | 8  | 6  |
| Totals                                    | 7,646,977                 | 13 | 11 | 6,325,224           | 19 | 6  | 13,972,202            | 13 | 5  | ..  | .. | 7,646,977 | 13                  | 11 | 6,325,224 | 19     | 6  | 13,972,202 | 13 | 5  |

6,325,224 19 6

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

|                   |    |    |        |    |    |        |    |    |        |    |    |    |        |    |    |        |    |    |
|-------------------|----|----|--------|----|----|--------|----|----|--------|----|----|----|--------|----|----|--------|----|----|
| 1. Bacchus Marsh  | .. | .. | 13,900 | 4  | 5  | 13,900 | 4  | 5  | 10,078 | 0  | 9  | .. | 3,822  | 3  | 8  | 3,822  | 3  | 8  |
| 2. Cohuna         | .. | .. | 9,175  | 4  | 0  | 9,175  | 4  | 0  | 3,185  | 6  | 8  | .. | 5,989  | 17 | 4  | 5,989  | 17 | 4  |
| 3. Corop          | .. | .. | 231    | 15 | 6  | 231    | 15 | 6  | ..     | .. | .. | .. | 231    | 15 | 6  | 231    | 15 | 6  |
| 4. Dungee         | .. | .. | 1,579  | 12 | 0  | 1,579  | 12 | 0  | ..     | .. | .. | .. | 1,579  | 12 | 0  | 1,579  | 12 | 0  |
| 5. Heyfield       | .. | .. | 12,945 | 5  | 1  | 12,945 | 5  | 1  | ..     | .. | .. | .. | 12,945 | 5  | 1  | 12,945 | 5  | 1  |
| 6. Leitchville    | .. | .. | 3,876  | 11 | 3  | 3,876  | 11 | 3  | ..     | .. | .. | .. | 3,876  | 11 | 3  | 3,876  | 11 | 3  |
| 7. Lockington     | .. | .. | 2,248  | 7  | 6  | 2,248  | 7  | 6  | 121    | 11 | 9  | .. | 2,126  | 15 | 9  | 2,126  | 15 | 9  |
| 8. Murrabit       | .. | .. | 1,030  | 18 | 3  | 1,030  | 18 | 3  | ..     | .. | .. | .. | 1,030  | 18 | 3  | 1,030  | 18 | 3  |
| 9. Red Cliffs     | .. | .. | 16,792 | 1  | 11 | 16,792 | 1  | 11 | 1,624  | 2  | 5  | .. | 15,167 | 19 | 6  | 15,167 | 19 | 6  |
| 10. Stanhope      | .. | .. | 1,492  | 14 | 6  | 1,492  | 14 | 6  | ..     | .. | .. | .. | 1,492  | 14 | 6  | 1,492  | 14 | 6  |
| 11. Tallygaroopna | .. | .. | 1,027  | 8  | 1  | 1,027  | 8  | 1  | ..     | .. | .. | .. | 1,027  | 8  | 1  | 1,027  | 8  | 1  |
| Totals            | .. | .. | 64,300 | 2  | 6  | 64,300 | 2  | 6  | 15,009 | 1  | 7  | .. | 49,291 | 0  | 11 | 49,291 | 0  | 11 |

64,300 2 6

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              | .. | .. | 302,431   | 1  | 6  | 302,431   | 1  | 6  | 83,187  | 4  | 2  | ..        | 219,243 | 17 | 4         | 219,243 | 17 | 4         |
| 3. Birehip                          | .. | .. | 38,476    | 1  | 6  | 38,476    | 1  | 6  | ..      | .. | .. | ..        | 38,476  | 1  | 6         | 38,476  | 1  | 6         |
| 4. Carwarp                          | .. | .. | ..        | .. | .. | ..        | .. | .. | ..      | .. | .. | ..        | ..      | .. | ..        | ..      | .. | ..        |
| 5. Carwarp Central                  | .. | .. | ..        | .. | .. | ..        | .. | .. | ..      | .. | .. | ..        | ..      | .. | ..        | ..      | .. | ..        |
| 6. Coreena                          | .. | .. | ..        | .. | .. | ..        | .. | .. | ..      | .. | .. | ..        | ..      | .. | ..        | ..      | .. | ..        |
| 7. East Loddon                      | .. | .. | ..        | .. | .. | ..        | .. | .. | ..      | .. | .. | ..        | ..      | .. | ..        | ..      | .. | ..        |
| 8. Harcourt                         | .. | .. | ..        | .. | .. | ..        | .. | .. | ..      | .. | .. | ..        | ..      | .. | ..        | ..      | .. | ..        |
| 9. Hindmarsh                        | .. | .. | ..        | .. | .. | ..        | .. | .. | ..      | .. | .. | ..        | ..      | .. | ..        | ..      | .. | ..        |
| 10. Karkaroc                        | .. | .. | ..        | .. | .. | ..        | .. | .. | ..      | .. | .. | ..        | ..      | .. | ..        | ..      | .. | ..        |
| 11. Kerang North-West Lakes         | .. | .. | ..        | .. | .. | ..        | .. | .. | ..      | .. | .. | ..        | ..      | .. | ..        | ..      | .. | ..        |
| 12. Loddon                          | .. | .. | ..        | .. | .. | ..        | .. | .. | ..      | .. | .. | ..        | ..      | .. | ..        | ..      | .. | ..        |
| 13. Long Lake                       | .. | .. | ..        | .. | .. | ..        | .. | .. | ..      | .. | .. | ..        | ..      | .. | ..        | ..      | .. | ..        |
| 14. Millewa                         | .. | .. | ..        | .. | .. | ..        | .. | .. | ..      | .. | .. | ..        | ..      | .. | ..        | ..      | .. | ..        |
| 15. Millewa Central                 | .. | .. | ..        | .. | .. | ..        | .. | .. | ..      | .. | .. | ..        | ..      | .. | ..        | ..      | .. | ..        |
| 16. Mornington Peninsula            | .. | .. | ..        | .. | .. | ..        | .. | .. | ..      | .. | .. | ..        | ..      | .. | ..        | ..      | .. | ..        |
| 17. Newstead                        | .. | .. | ..        | .. | .. | ..        | .. | .. | ..      | .. | .. | ..        | ..      | .. | ..        | ..      | .. | ..        |
| 18. Normanville                     | .. | .. | ..        | .. | .. | ..        | .. | .. | ..      | .. | .. | ..        | ..      | .. | ..        | ..      | .. | ..        |
| 19. Otway                           | .. | .. | ..        | .. | .. | ..        | .. | .. | ..      | .. | .. | ..        | ..      | .. | ..        | ..      | .. | ..        |
| 20. Sea Lake                        | .. | .. | ..        | .. | .. | ..        | .. | .. | ..      | .. | .. | ..        | ..      | .. | ..        | ..      | .. | ..        |
| 21. Tyntynder                       | .. | .. | ..        | .. | .. | ..        | .. | .. | ..      | .. | .. | ..        | ..      | .. | ..        | ..      | .. | ..        |
| 22. Tyrell                          | .. | .. | ..        | .. | .. | ..        | .. | .. | ..      | .. | .. | ..        | ..      | .. | ..        | ..      | .. | ..        |
| 23. Tyrell West                     | .. | .. | ..        | .. | .. | ..        | .. | .. | ..      | .. | .. | ..        | ..      | .. | ..        | ..      | .. | ..        |
| 24. Upper Western Wimmera           | .. | .. | ..        | .. | .. | ..        | .. | .. | ..      | .. | .. | ..        | ..      | .. | ..        | ..      | .. | ..        |
| 25. Upper Wimmera United            | .. | .. | ..        | .. | .. | ..        | .. | .. | ..      | .. | .. | ..        | ..      | .. | ..        | ..      | .. | ..        |
| 26. Walpeup West                    | .. | .. | ..        | .. | .. | ..        | .. | .. | ..      | .. | .. | ..        | ..      | .. | ..        | ..      | .. | ..        |
| 27. Werribee                        | .. | .. | ..        | .. | .. | ..        | .. | .. | ..      | .. | .. | ..        | ..      | .. | ..        | ..      | .. | ..        |
| 28. West Loddon                     | .. | .. | ..        | .. | .. | ..        | .. | .. | ..      | .. | .. | ..        | ..      | .. | ..        | ..      | .. | ..        |
| 29. Western Wimmera                 | .. | .. | ..        | .. | .. | ..        | .. | .. | ..      | .. | .. | ..        | ..      | .. | ..        | ..      | .. | ..        |
| 30. Wimmera United                  | .. | .. | ..        | .. | .. | ..        | .. | .. | ..      | .. | .. | ..        | ..      | .. | ..        | ..      | .. | ..        |
| 31. Wycheproof                      | .. | .. | ..        | .. | .. | ..        | .. | .. | ..      | .. | .. | ..        | ..      | .. | ..        | ..      | .. | ..        |
| 32. Wychitella (under construction) | .. | .. | ..        | .. | .. | ..        | .. | .. | ..      | .. | .. | ..        | ..      | .. | ..        | ..      | .. | ..        |
| 33. Yelta                           | .. | .. | ..        | .. | .. | ..        | .. | .. | ..      | .. | .. | ..        | ..      | .. | ..        | ..      | .. | ..        |
| Totals                              | .. | .. | 1,885,312 | 1  | 10 | 1,885,312 | 1  | 10 | 238,595 | 9  | 1  | 1,646,717 | 2       | 9  | 2,885,729 | 14      | 10 | 2,885,729 |

2,885,730 4 10

23,762,735 17 4

Carried forward ..

LOAN CAPITAL ACCOUNTS—continued.

Totals at  
30th June, 1947.  
£ s. d.  
23,762,735 17 4

Brought forward ..

| Name of District.                           | Loan Capital Expenditure. |       |                     |       |           | Allotted to District. | Capital Expenditure borne by the State Account. |            |         |                     |        |       |         |       |
|---|---------------------------|-------|---------------------|-------|-----------|-----------------------|---|------------|---------|---------------------|--------|-------|---------|-------|
|   | Headworks.                |       | Distributory Works. |       |           |                       | Total.  | Headworks. |         | Distributory Works. |        |       | Total.  |       |
|   | £                         | s. d. | £                   | s. d. | £         |                       |   | £          | s. d.   | £                   | s. d.  |       |         |       |
| G.—URBAN DISTRICTS OF WATERWORKS DISTRICTS. |                           |       |                     |       |           |                       |   |            |         |                     |        |       |         |       |
| 1. Allansford ..                            | 1,600                     | 0 0   | 1,065               | 1 0   | 2,665     | 1 0                   | 819   | 18 10      | 1,544   | 1 3                 | 301    | 0 11  | 1,845   | 2 2   |
| 2. Anglesea ..                              | 9,128                     | 11 6  | 10,025              | 16 4  | 19,154    | 7 10                  | 29  | 10 1       | 9,099   | 1 5                 | 10,025 | 16 4  | 19,124  | 17 9  |
| 3. Antwerp ..                               | ..                        | ..    | 702                 | 13 8  | 702       | 13 8                  | 257   | 15 4       | ..      | ..                  | 444    | 18 4  | 444     | 18 4  |
| 4. Barwon Heads and Ocean Grove ..          | 33,897                    | 15 10 | 8,509               | 3 9   | 42,406    | 19 7                  | 8,048   | 1 4        | 32,933  | 5 6                 | 1,425  | 12 9  | 34,358  | 18 3  |
| 5. Berrwillock ..                           | ..                        | ..    | 5,171               | 19 3  | 5,171     | 19 3                  | 3   | 9 8        | ..      | ..                  | 5,168  | 9 7   | 5,168   | 9 7   |
| 6. Berwick ..                               | 13,733                    | 4 8   | 9,755               | 19 11 | 23,489    | 4 7                   | 3,120   | 11 0       | 13,733  | 4 8                 | 6,635  | 8 11  | 20,368  | 13 7  |
| 7. Beulah ..                                | ..                        | ..    | 7,596               | 1 9   | 7,596     | 1 9                   | 2   | 13 2       | ..      | ..                  | 7,593  | 8 7   | 7,593   | 8 7   |
| 8. Birchip ..                               | ..                        | ..    | 12,430              | 2 1   | 12,430    | 2 1                   | ..  | ..         | ..      | ..                  | 12,430 | 2 1   | 12,430  | 2 1   |
| 9. Birregurra ..                            | ..                        | ..    | 18,987              | 14 7  | 18,987    | 14 7                  | ..  | ..         | ..      | ..                  | 18,987 | 14 7  | 18,987  | 14 7  |
| 10. Bittern ..                              | 1,671                     | 1 8   | 1,218               | 18 3  | 2,889     | 19 11                 | 15  | 13 3       | 1,671   | 1 8                 | 1,203  | 5 0   | 2,874   | 6 8   |
| 11. Brim ..                                 | ..                        | ..    | 3,524               | 5 11  | 3,524     | 5 11                  | 332   | 8 6        | ..      | ..                  | 3,191  | 17 5  | 3,191   | 17 5  |
| 12. Bunyip ..                               | 5,382                     | 2 7   | 6,094               | 12 0  | 11,476    | 14 7                  | 26  | 4 11       | 5,382   | 2 7                 | 6,068  | 7 1   | 11,450  | 9 8   |
| 13. Camperdown ..                           | 46,469                    | 0 0   | 49,683              | 17 4  | 96,152    | 17 4                  | 55,182  | 13 5       | 39,927  | 1 3                 | 1,043  | 2 8   | 40,970  | 3 11  |
| 14. Carwarp ..                              | ..                        | ..    | 635                 | 19 0  | 635       | 19 0                  | ..  | ..         | ..      | ..                  | 635    | 19 0  | 635     | 19 0  |
| 15. Chelsea—Frankston ..                    | 266,576                   | 16 7  | 72,610              | 2 7   | 339,186   | 19 2                  | 134,604   | 5 6        | 175,558 | 5 11                | 29,024 | 7 9   | 204,582 | 13 8  |
| 16. Chillingollah ..                        | ..                        | ..    | 2,580               | 18 3  | 2,580     | 18 3                  | ..  | ..         | ..      | ..                  | 2,580  | 18 3  | 2,580   | 18 3  |
| 17. Chinkapook ..                           | ..                        | ..    | 2,551               | 11 7  | 2,551     | 11 7                  | ..  | ..         | ..      | ..                  | 2,551  | 11 7  | 2,551   | 11 7  |
| 18. Cobden ..                               | 9,213                     | 0 0   | 16,073              | 7 8   | 25,286    | 7 8                   | 12,912  | 1 2        | 9,213   | 0 0                 | 3,161  | 6 6   | 12,374  | 6 6   |
| 19. Coliban ..                              | ..                        | ..    | 1,767,197           | 11 8  | 1,767,197 | 11 8                  | 293,199   | 19 6       | ..      | ..                  | 2,279  | 18 5  | 8,893   | 19 4  |
| 20. Cranbourne ..                           | 6,614                     | 0 11  | 2,878               | 8 4   | 9,492     | 9 3                   | 598   | 9 11       | 6,614   | 0 11                | 805    | 0 6   | 9,571   | 18 6  |
| 21. Crib Point ..                           | 8,766                     | 18 0  | 3,145               | 12 9  | 11,912    | 10 9                  | 2,340   | 12 3       | 8,766   | 18 0                | 2,163  | 9 2   | 2,163   | 9 2   |
| 22. Culgoa ..                               | ..                        | ..    | 4,403               | 5 7   | 4,403     | 5 7                   | 2,239   | 16 5       | ..      | ..                  | 3,065  | 7 8   | 102,394 | 2 8   |
| 23. Dandenong—Springvale ..                 | 193,876                   | 19 3  | 71,632              | 14 3  | 265,509   | 13 6                  | 163,115   | 10 10      | 99,328  | 15 0                | 7,115  | 5 7   | 7,115   | 5 7   |
| 24. Dimboola ..                             | ..                        | ..    | 18,001              | 6 7   | 18,001    | 6 7                   | 10,886  | 1 0        | ..      | ..                  | 681    | 4 0   | 681     | 4 0   |
| 25. Doon ..                                 | ..                        | ..    | 698                 | 6 0   | 698       | 6 0                   | 17  | 2 0        | ..      | ..                  | 681    | 4 0   | 681     | 4 0   |
| 26. Dromana—Portsea ..                      | 108,784                   | 8 10  | 73,064              | 0 9   | 181,848   | 9 7                   | 4,327   | 8 3        | 108,784 | 8 10                | 68,736 | 12 6  | 177,521 | 1 4   |
| 27. Drysdale ..                             | 11,923                    | 12 2  | 2,334               | 3 7   | 14,257    | 15 9                  | 38  | 9 8        | 11,885  | 1 6                 | 2,334  | 4 7   | 14,219  | 6 1   |
| 28. Garfield ..                             | 4,188                     | 16 4  | 4,611               | 4 9   | 8,800     | 1 1                   | 27  | 7 5        | 4,188   | 16 4                | 4,583  | 17 4  | 8,772   | 13 8  |
| 29. Hastings ..                             | 7,403                     | 4 5   | 6,693               | 16 4  | 14,097    | 0 9                   | 6   | 5 0        | 7,403   | 4 5                 | 6,687  | 11 4  | 14,090  | 15 9  |
| 30. Hopetoun ..                             | ..                        | ..    | 10,610              | 3 2   | 10,610    | 3 2                   | 24  | 0 0        | ..      | ..                  | 10,586 | 3 2   | 10,586  | 3 2   |
| 31. Jeparit ..                              | ..                        | ..    | 13,281              | 11 6  | 13,281    | 11 6                  | 5,712   | 13 8       | ..      | ..                  | 7,568  | 17 10 | 7,568   | 17 10 |
| 32. Jung Jung ..                            | ..                        | ..    | 3,381               | 4 10  | 3,381     | 4 10                  | 1   | 12 6       | ..      | ..                  | 3,379  | 12 4  | 3,379   | 12 4  |
| 33. Koondrook ..                            | ..                        | ..    | 6,165               | 6 11  | 6,165     | 6 11                  | ..  | ..         | ..      | ..                  | 6,165  | 6 11  | 6,165   | 6 11  |
| 34. Lake Boga ..                            | ..                        | ..    | 5,910               | 13 2  | 5,910     | 13 2                  | 95  | 11 3       | ..      | ..                  | 5,815  | 1 11  | 5,815   | 1 11  |
| 35. Lalbert ..                              | ..                        | ..    | 4,642               | 14 10 | 4,642     | 14 10                 | 99  | 12 1       | ..      | ..                  | 4,543  | 2 9   | 4,543   | 2 9   |
| 36. Lascelles ..                            | ..                        | ..    | 4,272               | 16 4  | 4,272     | 16 4                  | 17  | 2 5        | ..      | ..                  | 4,255  | 13 11 | 4,255   | 13 11 |
| 37. Longwarry ..                            | 6,740                     | 15 11 | 4,943               | 12 11 | 11,684    | 8 10                  | 9,229   | 9 6        | 2,384   | 0 0                 | 70     | 19 4  | 2,454   | 19 4  |
| 38. Manangatang ..                          | ..                        | ..    | 5,147               | 19 8  | 5,147     | 19 8                  | 1,635   | 6 3        | ..      | ..                  | 3,512  | 13 5  | 3,512   | 13 5  |
| 39. Marnoo ..                               | ..                        | ..    | 4,119               | 15 4  | 4,119     | 15 4                  | 1,351   | 4 2        | ..      | ..                  | 2,768  | 11 2  | 2,768   | 11 2  |
| 40. Marong ..                               | ..                        | ..    | 2,099               | 18 7  | 2,099     | 18 7                  | 22  | 18 10      | ..      | ..                  | 2,076  | 19 9  | 2,076   | 19 9  |

|                                       |             |               |                |              |              |               |
|---------------------------------------|-------------|---------------|----------------|--------------|--------------|---------------|
| 41. Merbein ..                        | ..          | 18,648 18 11  | 18,648 18 11   | 4,178 13 7   | ..           | 14,470 5 4    |
| 42. Meringur ..                       | ..          | 1,761 8 0     | 1,761 8 0      | 4 6 8        | ..           | 1,757 1 4     |
| 43. Minyip ..                         | ..          | 10,297 15 6   | 10,297 15 6    | 3,060 18 6   | ..           | 7,236 17 0    |
| 44. Mitiamo ..                        | ..          | 2,072 16 2    | 2,072 16 2     | ..           | ..           | 2,072 16 2    |
| 45. Mornington ..                     | 47,951 8 7  | 29,478 13 8   | 77,430 2 3     | 53,077 6 6   | 23,240 10 2  | 24,352 15 9   |
| 46. Nandaly ..                        | ..          | 1,752 18 11   | 1,752 18 11    | 3 5 0        | ..           | 1,749 13 11   |
| 47. Nar Nar Goon and Tynong ..        | ..          | 140 9 1       | 140 9 1        | ..           | ..           | 140 9 1       |
| 48. Natimuk ..                        | ..          | 4,894 10 0    | 4,894 10 0     | 4,057 19 0   | ..           | 836 11 0      |
| 49. Newstead ..                       | ..          | 7,563 19 0    | 7,563 19 0     | 1,763 13 10  | ..           | 5,800 5 2     |
| 50. Nullawill ..                      | ..          | 3,651 11 10   | 3,651 11 10    | 280 16 6     | ..           | 3,370 15 4    |
| 51. Nyah ..                           | ..          | 687 6 8       | 687 6 8        | ..           | ..           | 687 6 8       |
| 52. Nyah West ..                      | ..          | 5,903 15 10   | 5,903 15 10    | ..           | ..           | 5,903 15 10   |
| 53. Ouyen ..                          | ..          | 21,230 13 4   | 21,230 13 4    | 61 9 0       | ..           | 21,169 4 4    |
| 54. Pakenham ..                       | 10,542 18 9 | 8,092 13 2    | 18,635 11 11   | 9,661 12 5   | 8,892 18 11  | 8,973 19 6    |
| 55. Patchewollock ..                  | ..          | 3,660 8 7     | 3,660 8 7      | 1 12 6       | ..           | 3,658 16 1    |
| 56. Piangil ..                        | ..          | 6,100 16 10   | 6,100 16 10    | ..           | ..           | 6,100 16 10   |
| 57. Portarlington ..                  | 24,049 15 7 | 3,309 10 0    | 27,359 5 7     | 77 14 6      | 23,972 1 1   | 27,281 11 1   |
| 58. Pyramid Hill ..                   | ..          | 6,601 15 2    | 6,601 15 2     | 1,288 15 10  | ..           | 5,312 19 4    |
| 59. Quambatook ..                     | ..          | 4,819 16 10   | 4,819 16 10    | 3 4 11       | ..           | 4,816 11 11   |
| 60. Queenscliff and Point Lonsdale .. | 76,917 0 10 | 12,335 0 8    | 89,252 1 6     | 16,382 19 1  | 70,124 4 9   | 72,869 2 5    |
| 61. Rainbow ..                        | ..          | 11,464 12 8   | 11,464 12 8    | 7,574 4 4    | ..           | 3,890 8 4     |
| 62. Rupanyup ..                       | ..          | 10,808 8 4    | 10,808 8 4     | 4,202 15 7   | ..           | 6,605 12 9    |
| 63. Sea Lake ..                       | ..          | 7,712 9 10    | 7,712 9 10     | 1,533 3 4    | ..           | 6,179 6 6     |
| 64. Somerville ..                     | 4,833 10 8  | 2,724 18 1    | 7,558 8 9      | 4,595 8 4    | 2,944 0 9    | 2,963 0 5     |
| 65. South Frankston ..                | 30,743 19 9 | 16,273 5 1    | 47,017 4 10    | 25,793 1 1   | 21,046 5 8   | 21,224 3 9    |
| 66. Speed ..                          | ..          | 2,843 5 9     | 2,843 5 9      | 0 17 9       | ..           | 2,842 8 0     |
| 67. Tempy ..                          | ..          | 2,643 7 2     | 2,643 7 2      | 17 13 7      | ..           | 2,625 13 7    |
| 68. Terang ..                         | 32,322 0 0  | 25,292 5 4    | 57,614 5 4     | 28,280 2 5   | 28,860 4 6   | 29,334 2 11   |
| 69. Torquay ..                        | 25,952 6 2  | 10,190 8 6    | 33,142 14 8    | 145 10 2     | 22,878 2 7   | 32,997 4 6    |
| 70. Ultima ..                         | ..          | 6,690 10 3    | 6,690 10 3     | 17 6 8       | ..           | 6,673 3 7     |
| 71. Waichie ..                        | ..          | 2,520 14 4    | 2,520 14 4     | ..           | ..           | 2,520 14 4    |
| 72. Walpeup ..                        | ..          | 2,035 15 3    | 2,035 15 3     | 24 3 5       | ..           | 2,011 11 10   |
| 73. Watchem ..                        | ..          | 5,065 15 1    | 5,065 15 1     | 125 6 10     | ..           | 4,940 8 3     |
| 74. Werimull ..                       | ..          | 4,850 6 2     | 4,850 6 2      | 1 12 6       | ..           | 4,848 13 8    |
| 75. Wonthaggi ..                      | ..          | 73,419 7 1    | 73,419 7 1     | 9,162 13 2   | ..           | 64,256 13 11  |
| 76. Woomelang ..                      | ..          | 9,246 5 1     | 9,246 5 1      | 15 10 8      | ..           | 9,230 14 5    |
| 77. Woorinen ..                       | ..          | 1,984 13 5    | 1,984 13 5     | 586 19 11    | ..           | 1,397 13 6    |
| 78. Wycheproof ..                     | ..          | 10,972 1 3    | 10,972 1 3     | ..           | ..           | 10,972 1 3    |
| 79. Yaapect ..                        | ..          | 2,301 10 1    | 2,301 10 1     | 3 14 4       | ..           | 2,297 15 9    |
| Totals ..                             | 986,283 9 0 | 2,610,499 9 8 | 3,596,782 18 8 | 886,326 11 0 | 740,374 17 8 | 2,610,499 9 8 |

H.—FLOOD PROTECTION DISTRICTS.

|                         |    |               |               |    |    |                 |
|-------------------------|----|---------------|---------------|----|----|-----------------|
| 1. Cardinia ..          | .. | 105,293 11 11 | 105,293 11 11 | .. | .. | 105,293 11 11   |
| 2. Kanyapella ..        | .. | 3,885 1 5     | 3,885 1 5     | .. | .. | 3,885 1 5       |
| 3. Lower Koo-wee-rup .. | .. | 282,635 17 9  | 282,635 17 9  | .. | .. | 282,635 17 9    |
| 4. Loch Garry..         | .. | 18,621 18 11  | 18,621 18 11  | .. | .. | 18,621 18 11    |
| Totals ..               | .. | 410,436 10 0  | 410,436 10 0  | .. | .. | 410,436 10 0    |
| Carried forward ..      |    |               |               |    |    | 26,783,671 17 0 |

**LOAN CAPITAL ACCOUNTS—continued.**

**Totals at  
30th June, 1947.**

|            |    |    |
|------------|----|----|
| £          | s. | d. |
| 26,783,671 | 17 | 0  |

| Name of District.   | Loan Capital Expenditure. |       |                     |       | Allotted to District. | Capital Expenditure borne by the State Account. |            |         |                     |         |            |      |            |      |            |      |
|---|---------------------------|-------|---------------------|-------|-----------------------|---|------------|---------|---------------------|---------|------------|------|------------|------|------------|------|
|   | Headworks.                |       | Distributory Works. |       |                       | Total.  | Headworks. |         | Distributory Works. |         | Total.     |      |            |      |            |      |
|   | £                         | s. d. | £                   | s. d. |                       |   | £          | s. d.   | £                   | s. d.   |            |      |            |      |            |      |
| I.—DRAINAGE DISTRICTS.  |                           |       |                     |       |                       |   |            |         |                     |         |            |      |            |      |            |      |
| 1. Carrum ..  | ..                        | ..    | 24,288              | 5 1   | ..                    | ..  | ..         | 24,288  | 5 1                 | 24,288  | 5 1        |      |            |      |            |      |
| 2. Cohuna ..  | ..                        | ..    | 10,256              | 14 10 | ..                    | ..  | ..         | 10,256  | 14 10               | 10,256  | 14 10      |      |            |      |            |      |
| 3. Dingee (under construction) ..   | ..                        | ..    | 7,056               | 2 0   | ..                    | ..  | ..         | 7,056   | 2 0                 | 7,056   | 2 0        |      |            |      |            |      |
| 4. Kerang East ..   | ..                        | ..    | 1,184               | 14 4  | ..                    | ..  | ..         | 1,184   | 14 4                | 1,184   | 14 4       |      |            |      |            |      |
| 5. Maffra-Sale ..   | ..                        | ..    | 1,523               | 16 10 | ..                    | ..  | ..         | 1,523   | 16 10               | 1,523   | 16 10      |      |            |      |            |      |
| 6. Merbein ..   | ..                        | ..    | 747                 | 13 6  | ..                    | ..  | ..         | 747     | 13 6                | 747     | 13 6       |      |            |      |            |      |
| 7. Murrabit ..  | ..                        | ..    | 2,449               | 7 8   | ..                    | ..  | ..         | 2,449   | 7 8                 | 2,449   | 7 8        |      |            |      |            |      |
| 8. Nyah ..  | ..                        | ..    | 26,445              | 15 8  | ..                    | ..  | ..         | 26,445  | 15 8                | 26,445  | 15 8       |      |            |      |            |      |
| 9. Red Cliffs ..  | ..                        | ..    | 1,675               | 16 3  | ..                    | ..  | ..         | 1,675   | 16 3                | 1,675   | 16 3       |      |            |      |            |      |
| 10. Rochester ..  | ..                        | ..    | 1,985               | 16 5  | ..                    | ..  | ..         | 1,985   | 16 5                | 1,985   | 16 5       |      |            |      |            |      |
| 11. Rodney ..   | ..                        | ..    | 19,138              | 5 7   | ..                    | ..  | ..         | 19,138  | 5 7                 | 19,138  | 5 7        |      |            |      |            |      |
| 12. Shepparton ..   | ..                        | ..    | 17,751              | 6 5   | ..                    | ..  | ..         | 17,751  | 6 5                 | 17,751  | 6 5        |      |            |      |            |      |
| 13. Tongala-Stanhope ..   | ..                        | ..    | 4,142               | 7 10  | ..                    | ..  | ..         | 4,142   | 7 10                | 4,142   | 7 10       |      |            |      |            |      |
| 14. Tresco ..   | ..                        | ..    | 182                 | 9 3   | ..                    | ..  | ..         | 182     | 9 3                 | 182     | 9 3        |      |            |      |            |      |
| 15. Werribee ..   | ..                        | ..    | 168                 | 19 2  | ..                    | ..  | ..         | 168     | 19 2                | 168     | 19 2       |      |            |      |            |      |
| 16. Wooreen ..  | ..                        | ..    | 1,034               | 5 6   | ..                    | ..  | ..         | 1,034   | 5 6                 | 1,034   | 5 6        |      |            |      |            |      |
| Totals, Loan Liability ..   | ..                        | ..    | 120,031             | 16 4  | ..                    | ..  | ..         | 120,031 | 16 4                | 120,031 | 16 4       |      |            |      |            |      |
| Totals, Commission's Districts (Statements D, E, F, G, H, and I.) ..  | ..                        | ..    | 10,518,573          | 4 9†  | 12,416,223            | 2 10  | 22,934,796 | 7 7‡    | 1,139,931           | 1 8*    | 10,034,069 | 14 4 | 11,760,795 | 11 7 | 21,794,865 | 5 11 |
| † Exclusive of following Works not apportioned to Districts, viz : Glenelg River Development Works, £53,014 1s. 1d. Cairn Curran Reservoir, £94,927 19s. 8d. Goulburn Waranga Channel Duplication, £4,191 19s. 7d. Eldon Reservoir Enlargement, £29,004 18s. 4d. Total, £661,038 18s. 9d. (Statement C).<br>• Exclusive of Plant and Machinery Suspense Account, £380,988 15s. 6d. (Statement B.) ‡ Exclusive of £1,182,780 granted free by Government from Unemployment Relief Funds, 1/6/1930 to 30/6/1942. |                           |       |                     |       |                       |   |            |         |                     |         |            |      |            |      |            |      |
| 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 15s. 8d. (For details see Annual Report for Year 1938/39.)   | ..                        | ..    | ..                  | ..    | ..                    | ..  | ..         | ..      | ..                  | ..      | ..         | ..   | ..         | ..   | ..         | ..   |
| Under Water Act 1943, No. 4983, £628,342 5s. 1d., less transferred to the Commission 1/7/45, £7,177. (Loddon United Waterworks Trust)   | ..                        | ..    | ..                  | ..    | ..                    | ..  | ..         | ..      | ..                  | ..      | ..         | ..   | ..         | ..   | ..         | ..   |
| Under Water Act 1945, No. 5099, Amounts Written Off £22,430 13s. 11d.; Free Grants to Local Authorities £19,831 16s. 4d.  | ..                        | ..    | ..                  | ..    | ..                    | ..  | ..         | ..      | ..                  | ..      | ..         | ..   | ..         | ..   | ..         | ..   |
| Under Water Act 1946, No. 5200, Amounts Written Off £9,549 5s. 6d.; Free Grants to Local Authorities £2,689, 10s 10d.   | ..                        | ..    | ..                  | ..    | ..                    | ..  | ..         | ..      | ..                  | ..      | ..         | ..   | ..         | ..   | ..         | ..   |
| Grand Total Net Loan Capital Expenditure (Exclusive of Equity in National Debt Sinking Fund)  |                           |       |                     |       |                       |   |            |         |                     |         |            |      |            |      |            |      |

# SUMMARY STATEMENT OF LOAN CAPITAL ACCOUNTS AS AT 30th JUNE, 1947.

| Reference to<br>Preceding<br>Statements. | Works.  | Total Loan Capital<br>Expenditure. | Deduct Redemption<br>Paid. | Net Loan Capital. | At Debit of Authorities<br>and Borne by Districts. | Capital Expenditure<br>Borne by the State. |
|--|---|------------------------------------|----------------------------|-------------------|--|--|
|  |   | £ s. d.                            | £ s. d.                    | £ s. d.           | £ s. d.  | £ s. d.                                    |
| A  | Free Headworks  | 1,241,440 8 2                      | 520 0 6                    | 1,240,920 7 8     | ..   | 1,240,920 7 8                              |
| B  | Capital Works and Charges not Apportionable to Districts  | 2,427,378 7 4                      | 360,430 8 0                | 2,066,947 19 4    | 380,988 15 0                                       | 1,685,959 4 4                              |
| C  | Headworks Costs in respect of Irrigation and Water Supply Districts and<br>Waterworks Districts | 11,314,587 4 3                     | 134,975 0 9                | 11,179,612 3 6    | 484,503 10 5                                       | 10,695,108 13 1                            |
| D  | Irrigation and Water Supply Districts, exclusive of Headworks Costs                             | 6,430,699 10 6                     | 105,474 11 0               | 6,325,224 19 6    | ..   | 6,325,224 19 6                             |
| E  | Urban Divisions of Irrigation Districts   | 66,373 16 3                        | 2,073 13 9                 | 64,300 2 6        | 15,009 1 7   | 49,291 0 11                                |
| F  | Waterworks Districts, exclusive of Headworks Costs  | 2,948,682 17 4                     | 62,932 12 6                | 2,885,750 4 10    | 0 10 0   | 2,885,729 14 10                            |
| G  | Urban Districts of Waterworks Districts, exclusive of Headworks Costs                           | 2,663,629 7 7                      | 53,129 17 11               | 2,610,499 9 8     | 640,417 19 8                                       | 1,970,081 10 0                             |
| H  | Flood Protection Districts  | 418,591 3 11                       | 8,154 13 11                | 410,436 10 0      | ..   | 410,436 10 0                               |
| I  | Drainage Districts  | 120,773 10 9                       | 741 14 5                   | 120,031 16 4      | ..   | 120,031 16 4                               |
|  | Totals Works under control of Commission  | 27,832,136 6 1                     | 728,432 12 9               | 26,903,703 13 4   | 1,520,919 16 8                                     | 25,382,783 16 8                            |
| J  | Waterworks Trusts and Local Governing Bodies  | 4,252,608 19 11                    | 803,843 5 11               | 3,448,765 14 0    | 1,531,206 6 5                                      | 1,917,559 7 7                              |
|  |   | 31,884,745 6 0                     | 1,532,275 18 8             | 30,352,469 7 4    | 3,052,126 3 1                                      | 27,300,343 4 3                             |

## 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, 1947.

|  | Total.          | Water Supply.  | State Development<br>Account. |
|--|-----------------|----------------|-------------------------------|
|  | £ s. d.         | £ s. d.        | £ s. d.                       |
| Treasury "Finance" (Page 79)   | 27,475,658 14 0 | 3,132,835 11 7 | 24,342,823 2 5                |
| Add—<br>Cost of Geelong Works, "Finance" (Page 80)   | 143,738 13 9    | ..             | 143,738 13 9                  |
| National Debt Sinking Fund contributions from Consolidated Revenue pursuant to the provisions of the <i>Commonwealth and States Financial Agreement Act</i> 1927, No. 3554, as amended by Act No. 5051, 1944. "Finance" (Page 79). These amounts not credited to Districts and Works excepting recoup contributions shown below) | 3,186,320 6 3   | 363,400 12 6   | 2,822,919 13 9                |
| Contributions in respect of Geelong Works, "Finance" (Page 80)   | 18,133 13 6     | ..             | 18,133 13 6                   |
|  | 30,823,851 7 6  | 3,496,236 4 1  | 27,327,615 3 5                |
| Less—<br>Redemption recoup contributions paid into Consolidated Revenue by Commission Districts and Works, Waterworks Trusts, &c.  | 444,110 1 0     | 444,110 1 0    | ..                            |
| Cash on hand held by Treasury  | 27,271 19 2     | ..             | 27,271 19 2                   |
| Totals of amounts at debit of Authorities and Districts and, the Capital Expenditure borne by the State Account in the books of the Commission   | 30,352,469 7 4  | 3,052,126 3 1  | 27,300,343 4 3                |

**ESTIMATES 1947-48.**  
**PROPOSED DISBURSEMENTS.**

|   | Estimated<br>Requirements. | Amount<br>Provided<br>in Budget. |
|---|----------------------------|----------------------------------|
|   | £                          | £                                |
| Coliban Works .. .. .   | 19,435                     | 19,435                           |
| Free Headworks .. .. .  | 13,722                     | 13,722                           |
| Irrigation Districts .. .. .  | 231,819                    | 224,819                          |
| Waterworks Districts .. .. .  | 182,346                    | 177,111                          |
| Flood Protection Districts .. .. .  | 44,488                     | 20,117                           |
| Drainage Districts .. .. .  | 55,019                     | 55,019                           |
| Salaries of Permanent and Temporary Employees*  | 422,655                    | 433,655                          |
| General Expenditure* .. .. .  | 97,520                     | 97,520                           |
| Removal of Sand Drift .. .. .   | 130,000                    | 130,000                          |
| River Murray Works—Contribution by State .. .. .  | 20,650                     | 20,650                           |
| Pay Roll Tax .. .. .  | 27,667                     | 27,667                           |
| Assistance to certain Sewerage Authorities where suspension of works is being continued   | 12,000                     | 12,000                           |
| Subsidies to Sewerage Authorities in cases where the interest paid on capital liability is in excess of the rate of 3 per cent. .. .. . | 25,000                     | 25,000                           |
| Subsidies to Waterworks Trusts and Local Governing Bodies to enable a Reduction of 33½ per cent. to be made in Water Rates .. .. .      | 635                        | 635                              |
| Grant to Kerang Sewerage Authority in connexion with Reconditioning Works ..  | 3,650                      | 3,650                            |
|   | 1,286,606                  | 1,261,000                        |

\* To be apportioned over the above Districts.

**ESTIMATED RECEIPTS.**

|  |         |
|--|---------|
|  | £       |
| Coliban Works .. .. .  | 53,000  |
| Irrigation Districts .. .. .   | 347,000 |
| Waterworks Districts .. .. .   | 294,000 |
| Flood Protection and Drainage Districts .. .. .  | 31,000  |
| Other .. .. .  | 33,000  |
| Recoup on account of amounts paid from Revenue in connection with Murray Commission, Loan Works, &c. | 161,000 |
|  | 919,000 |
| Add estimated Revenue from Other Authorities—  |         |
|  | £       |
| Waterworks Trusts .. .. .  | 46,700  |
| Local Bodies .. .. .   | 23,300  |
|  | 70,000  |
|  | 989,000 |
| Total estimated amount available from Revenues of Commission “Paying” Districts to meet Interest ..  | 72,405  |

## CONTRACTS.

## STATEMENT OF CONTRACTS ENTERED INTO DURING THE YEAR ENDED 30TH JUNE, 1947

| No.                           | Name of Contractor.                                    | Work and Supply.   | Amount<br>(Loan and Vote). |    |    |
|-------------------------------|--|--|----------------------------|----|----|
|                               |  |  | £                          | s. | d. |
| 3197                          | Tardrew, R. G. .. .. .                                 | 10,000 c.yds. sand—Rocklands .. .. .   | 3,583                      | 6  | 8  |
| 3198                          | Bethune, F. N., Pty. Ltd. .. .. .                      | Sinking and casing borehole and installing pumping unit—Wangaratta .. .. .                                 | 2,160                      | 19 | 6  |
| 3199                          | Hardie, James and Co. Pty. Ltd. .. .. .                | 34,684 lin. ft. asbestos cement H.P. pipes—Mornington Peninsula .. .. .                                    | 2,254                      | 17 | 6  |
| 3200                          | Gilmore, J. S. .. .. .                                 | Construction earthen tanks—Birregurra .. .. .  | 6,424                      | 18 | 6  |
| 3201                          | Austral Otis Eng. Co. Ltd. .. .. .                     | Spillway gates and operating mechanism—Lauriston .. .. .   | 19,789                     | 0  | 0  |
| 3202                          | Cowley's Eureka Ironworks Pty. Ltd. .. .. .            | 600 lin. ft. 72" diam. welded pipe—Rocklands .. .. .   | 2,310                      | 0  | 0  |
| 3203                          | Cowley's Eureka Ironworks Pty. Ltd. .. .. .            | 10,710 lin. ft. 12" diam. concrete lined M.S. pipes—Coliban .. .. .  | 5,743                      | 4  | 9  |
| 3204                          | Rocla Ltd. .. .. .                                     | 3,720 lin. ft. 12" diam. R.C. pressure pipes—Springvale .. .. .  | 1,559                      | 5  | 0  |
| 3205                          | Mephan Ferguson Pty. Ltd. .. .. .                      | 5,160 lin. ft. 9" diam. concrete lined M.S. pipes—Coliban .. .. .  | 2,341                      | 7  | 0  |
| 3206                          | Jolly Bros. .. .. .                                    | 2,000 Veeder-Root revolution counters—Districts generally .. .. .  | 1,554                      | 3  | 4  |
| 3207                          | The Dobbie Dico Meter Co. Ltd. .. .. .                 | 2,000 revolution counters—Districts generally .. .. .  | 1,550                      | 0  | 0  |
| 3208                          | Victorian and Interstate Airways Ltd. .. .. .          | Prefabricated roofing panels—Rocklands Reservoir .. .. .   | 13,798                     | 19 | 0  |
| 3209                          | Australian Portland Cement Pty. Ltd. .. .. .           | 3,400 tons Portland cement—Districts generally .. .. .   | 13,486                     | 13 | 4  |
| 3210                          | Cement Distributors Pty. Ltd. .. .. .                  | 1,600 tons Portland cement—Districts generally .. .. .   | 6,346                      | 13 | 4  |
| 3211                          | Hume Pipe Co. (Aust.) Ltd. .. .. .                     | 8,880 lin. ft. 24" diam R.C. pipes—Mornington Peninsula .. .. .  | 9,104                      | 3  | 0  |
| 3212                          | Cowley's Eureka Ironworks Pty. Ltd. .. .. .            | 2,520 lin. ft. 12" diam. M.S. pipes—Coliban .. .. .  | 1,351                      | 7  | 0  |
| 3213                          | Rolls Engineering Co. .. .. .                          | Venturi water meter—Warrnambool .. .. .  | 275                        | 0  | 0  |
| 3214                          | Johns and Waygood Ltd. .. .. .                         | Structural steel for two bridges—Kooweerup .. .. .   | 1,137                      | 0  | 0  |
| 3215                          | Rocla Ltd. .. .. .                                     | 4,620 lin. ft. 18½" diam. R.C. pressure pipes—Dandenong .. .. .  | 4,227                      | 6  | 0  |
| 3216                          | Hume Pipe Co. (Aust.) Ltd. .. .. .                     | 8,190 lin. ft. 12" diam. R.C. pressure pipes—Dandenong .. .. .   | 3,867                      | 12 | 0  |
| 3217                          | Victorian and Interstate Airways Ltd. .. .. .          | Stressed skin type prefabricated building panels—Cairn Curran .. .. .                                      | 34,804                     | 18 | 2  |
| 3218                          | Hume Steel Ltd. .. .. .                                | 14,280 lin. ft. 12" diam. cement lined, externally coated M.S. pressure pipes—Mornington Peninsula .. .. . | 7,330                      | 8  | 0  |
| 3219                          | Mephan Ferguson Pty. Ltd. .. .. .                      | 16,500 lin. ft. 9" diam. externally coated, cement lined M.S. pipes—Coliban .. .. .                        | 7,486                      | 17 | 6  |
| 3220                          | Ingersoll Rand (Aust.) Pty. Ltd. .. .. .               | 5 Ingersoll Rand two-stage air compressors—Districts generally .. .. .                                     | 5,050                      | 18 | 6  |
| 3221                          | Hume Steel Ltd. .. .. .                                | 12,432 lin. ft. 30" diam externally coated M.S. pipes—Mornington Peninsula .. .. .                         | 18,575                     | 9  | 9  |
| 3221A                         | Hume Pipe Co. (Aust.) Ltd. .. .. .                     | 1,792 lin. ft. 30" diam. R.C. pipes—Mornington Peninsula .. .. .   | 2,710                      | 8  | 0  |
| 3222                          | Davies Shephard Pty. Ltd. .. .. .                      | 3000 ¾" positive type water meters—Districts generally .. .. .   | 11,350                     | 0  | 0  |
| 3223                          | Ramsden and Chaplin Pty. Ltd. .. .. .                  | 2,000 ¾" positive type water meters—Districts generally .. .. .  | 7,500                      | 0  | 0  |
| 3224                          | Chatterton Bros. .. .. .                               | Drilling 4 bores each 200' deep—Bacchus Marsh .. .. .  | 440                        | 0  | 0  |
| 3225                          | J. S. Gilmore .. .. .                                  | Construction auxiliary earthen storage reservoir—Warrnambool .. .. .                                       | 5,008                      | 4  | 2  |
| 3226                          | Mitchell and Co. Pty. Ltd. .. .. .                     | One Diesel engine and centrifugal pump—Normanville .. .. .   | 3,012                      | 0  | 0  |
| 3227                          | Babcock and Wilcox Ltd. .. .. .                        | Two water tube boilers and accessories—Robinvale .. .. .   | 16,188                     | 0  | 0  |
| 3228                          | Malcolm Moore Ltd. .. .. .                             | Three only 3' 6" gauge locomotives—Rocklands .. .. .   | 2,985                      | 0  | 0  |
| 3229                          | Southern Cross Windmills and Engines Pty. Ltd. .. .. . | Five air compressor units—Cairn Curran .. .. .   | 5,950                      | 0  | 0  |
| 3230                          | Southern Cross Windmills and Engines Pty. Ltd. .. .. . | Two air compressor units—Nambrok Denison .. .. .   | 2,240                      | 10 | 0  |
| 3231                          | Bethune, F. N., Pty. Ltd. .. .. .                      | Sinking and casing test borehole—Bright .. .. .  | 235                        | 0  | 0  |
| 3232                          | Thompson's (Castlemaine) Ltd. .. .. .                  | Two centrifugal pumps—Robinvale .. .. .  | 3,154                      | 0  | 0  |
| CONTRACTS AT PIECEWORK RATES. |  |  | 236,887                    | 10 | 0  |
|                               | Channel construction .. .. .                           | Murray Valley .. .. .  | 6,076                      | 2  | 3  |
|                               | Firewood Supplies .. .. .                              | Pumping Plants .. .. .   | 34,478                     | 15 | 10 |
|                               | Miscellaneous .. .. .                                  | .. .. .  | 9,792                      | 4  | 8  |
|                               |  |  | 287,234                    | 12 | 9  |

## APPENDIX A.

STATE RIVERS AND WATER SUPPLY COMMISSION.  
IRRIGATION SYSTEMS.

## RETURN OF WATER DELIVERED—YEAR 1946-47.

| 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 .. .. .                           | 6,392  | 4,404                                    | 3,739  | 970             | 168                          | 4,877                                 | 2   | 4,879  | 20  |
| Shepparton .. .. .                                 | 44,089   | 21,365                                   | 18,517   | 1,524           | 334                          | 20,375                                | 54  | 20,429   | ..  |
| North Shepparton .. .. .                           | 40,418   | 13,203                                   | 11,504   | 2,770           | 425                          | 14,699                                | 7   | 14,706   | 10  |
| Katandra .. .. .                                   | 12,417   | 7,329                                    | 6,939  | 1,486           | 164                          | 8,589                                 | ..  | 8,589  | 19  |
| Totals .. .. .                                     | 103,316  | 46,301                                   | 40,699   | 6,750           | 1,091                        | 48,540                                | 63  | 48,603   | 49  |
| (Waranga Reservoir.)                               |  |  |  |                 |                              |                                       |   |  |   |
| Rodney .. .. .                                     | 211,424  | 60,834                                   | 58,127   | 34,109          | 2,467                        | 94,703                                | (a) 597   | 95,300   | ..  |
| Tongala-Stanhope .. .. .                           | 113,828  | 48,052                                   | 46,429   | 13,136          | 2,537                        | 62,102                                | ..  | 62,102   | ..  |
| Deakin .. .. .                                     | 14,667   | 5,698                                    | 4,903  | 2,091           | 528                          | 7,522                                 | ..  | 7,522  | ..  |
| Rochester .. .. .                                  | 130,493  | 57,466                                   | 56,634   | 27,408          | 3,256                        | 87,298                                | 808   | 88,106   | ..  |
| Dingee .. .. .                                     | 6,702  | 4,447                                    | 4,275  | 1,376           | 254                          | 5,905                                 | 186   | 6,091  | ..  |
| Calivil (including Loddon water) .. .. .           | 16,553   | 6,505                                    | 6,317  | 4,188           | 432                          | 10,937                                | ..  | 10,937   | (b) 37  |
| Tragowel Plains .. .. .                            | 86,879   | 31,192                                   | 30,487   | 10,802          | 1,448                        | 42,737                                | 828   | 43,565   | (b) 30  |
| Boort .. .. .                                      | 28,774   | 11,339                                   | 11,321   | (e) 6,653       | 626                          | 18,600                                | 1,091   | 19,691   | ..  |
| Totals .. .. .                                     | 609,320  | 225,533                                  | 218,493  | 99,763          | 11,548                       | 329,804                               | 3,510   | 333,314  | 67  |
| Totals (Goulburn System) .. .. .                   | 712,636  | 271,834                                  | 259,192  | 106,513         | 12,639                       | 378,344                               | 3,573   | 381,917  | 116   |
| MURRAY SYSTEM—                                     |  |  |  |                 |                              |                                       |   |  |   |
| (Yarrowonga Weir.)                                 |  |  |  |                 |                              |                                       |   |  |   |
| Murray Valley .. .. .                              | (d) 62,003   | 25,883                                   | 20,029   | 8,388           | 514                          | 28,931                                | 73  | 29,004   | ..  |
| (Torrumbarry System.)                              |  |  |  |                 |                              |                                       |   |  |   |
| Cohuna .. .. .                                     | 120,912  | 49,186                                   | 47,663   | 15,920          | 2,445                        | 66,028                                | 179   | 66,207   | ..  |
| Koondrook .. .. .                                  | 79,434   | 24,522                                   | 24,105   | 7,395           | 288                          | 31,788                                | 189   | 31,977   | ..  |
| Kerang .. .. .                                     | 57,901   | 19,119                                   | 18,949   | 13,365          | 938                          | 33,252                                | 380   | 33,632   | ..  |
| Third Lake .. .. .                                 | 4,606  | 2,513                                    | 2,232  | 224             | ..                           | 2,456                                 | 38  | 2,494  | ..  |
| Mystic Park .. .. .                                | 4,181  | 2,677                                    | 2,245  | 408             | 20                           | 2,673                                 | 204   | 2,877  | ..  |
| Tresco .. .. .                                     | 4,675  | ..                                       | ..   | 2,306           | ..                           | 2,306                                 | ..  | 2,306  | ..  |
| Fish Point .. .. .                                 | 2,618  | 1,845                                    | 1,844  | 29              | ..                           | 1,873                                 | ..  | 1,873  | ..  |
| Swan Hill .. .. .                                  | 48,116   | 25,893                                   | 23,965   | 7,887           | 34                           | 31,886                                | 118   | 32,004   | ..  |
| Pental Island Private Diversions .. .. .           | ..   | ..                                       | ..   | ..              | ..                           | ..                                    | ..  | ..   | 5,625   |
| Kerang Private Diversions .. .. .                  | ..   | ..                                       | ..   | ..              | ..                           | ..                                    | ..  | ..   | 997   |
| Kerang North-West Lakes Private Diversions .. .. . | ..   | ..                                       | ..   | ..              | ..                           | ..                                    | ..  | ..   | 5,496   |
| Upper Gunbower Creek Private Diversions .. .. .    | ..   | ..                                       | ..   | ..              | ..                           | ..                                    | ..  | ..   | 5,658   |
| Lower Gunbower Creek Private Diversions .. .. .    | ..   | ..                                       | ..   | ..              | ..                           | ..                                    | ..  | ..   | 7,750   |
| Taylor's Creek Private Diversions .. .. .          | ..   | ..                                       | ..   | ..              | ..                           | ..                                    | ..  | ..   | 1,723   |
| Kow Swamp Private Diversions .. .. .               | ..   | ..                                       | ..   | ..              | ..                           | ..                                    | ..  | ..   | 2,672   |
| Pyramid Creek Private Diversions .. .. .           | ..   | ..                                       | ..   | ..              | ..                           | ..                                    | ..  | ..   | 4,160   |
| Totals (Torrumbarry System) .. .. .                | 322,443  | 125,755                                  | 121,003  | 47,534          | 3,725                        | 172,262                               | 1,108   | 173,370  | 34,081  |
| (Pumped from River Murray.)                        |  |  |  |                 |                              |                                       |   |  |   |
| Nyah .. .. .                                       | 9,467  | 7,304                                    | 7,101  | 337             | 235                          | 7,673                                 | 145   | 7,818  | ..  |
| Red Cliffs .. .. .                                 | 37,895   | 28,228                                   | 21,911   | 598             | ..                           | 22,509                                | 422   | 22,931   | ..  |
| Merbein .. .. .                                    | 27,901   | 19,311                                   | 15,336   | 769             | ..                           | 16,105                                | ..  | 16,105   | ..  |
| Totals .. .. .                                     | 75,263   | 54,843                                   | 44,348   | 1,704           | 235                          | 46,287                                | 567   | 46,854   | ..  |
| Totals (River Murray Systems) .. .. .              | 459,709  | 206,481                                  | 185,380  | 57,626          | 4,474                        | 247,480                               | 1,748   | 249,228  | 34,197  |
| CAMPASPE SYSTEM—                                   |  |  |  |                 |                              |                                       |   |  |   |
| Coliban .. .. .                                    | ..   | ..                                       | ..   | (c) 7,276       | 5,200                        | 12,476                                | ..  | 12,476   | ..  |
| Campaspe .. .. .                                   | 2,238  | ..                                       | ..   | 447             | 121                          | 568                                   | 49  | 617  | ..  |
| Totals .. .. .                                     | 2,238  | ..                                       | ..   | 7,723           | 5,321                        | 13,044                                | 49  | 13,093   | ..  |
| WERRIBEE SYSTEM—                                   |  |  |  |                 |                              |                                       |   |  |   |
| Bacchus Marsh .. .. .                              | 7,138  | 3,331                                    | 3,260  | 1,749           | ..                           | 5,009                                 | (b) 927   | 5,936  | ..  |
| Werribee .. .. .                                   | 17,537   | 8,149                                    | 7,274  | 3,061           | 165                          | 10,500                                | (a) 482   | 10,982   | ..  |
| Totals .. .. .                                     | 24,675   | 11,480                                   | 10,534   | 4,810           | 165                          | 15,509                                | 1,409   | 16,918   | ..  |
| MACALISTER SYSTEM—                                 |  |  |  |                 |                              |                                       |   |  |   |
| Maffra-Sale .. .. .                                | 56,605   | 22,499                                   | 20,689   | 5,102           | (b) 1,311                    | 27,102                                | 806   | 27,908   | ..  |
| WIMMERA SYSTEM—                                    |  |  |  |                 |                              |                                       |   |  |   |
| Quantong, Riverside, Burnlee, Haven, &c. .. .. .   | 6,006  | ..                                       | ..   | 4,070           | ..                           | 4,070                                 | ..  | 4,070  | ..  |
| PRIVATE DIVERSIONS (not included above)            |  |  |  |                 |                              |                                       |   |  |   |
| Totals .. .. .                                     | 1,262,869  | 512,294                                  | 475,795  | 185,844         | 23,910                       | 685,549                               | 7,585   | 693,134  | 60,625  |
| First Mildura Irrigation Trust .. .. .             | 40,841   | 38,805                                   | 26,362   | 6,828           | 60                           | 33,250                                | 74  | 33,324   | ..  |
| GRAND TOTALS .. .. .                               | 1,303,710  | 551,099                                  | 502,157  | 192,672         | 23,970                       | 718,799                               | 7,659   | 726,458  | 60,625  |
|  |  |  |  |                 |                              |                                       |   |  | 787,083   |

(a) Includes Waterworks Trust. (b) Includes Urban Districts. (c) Includes 732 acre feet for mining and 4.4 acre feet for motive power.  
(d) Includes 2,282 acre feet passed into Broken Creek at Katamatite. (e) Includes 1,447 acre feet out of season "sales" and 1,246 acre feet "special" sales due to surplus water in channels.

|  |    | Acres feet. |
|--|----|-------------|
| Total Supplementary Supply to Wimmera-Mallee from Goulburn System for period 1st July, 1946, to 30th June, 1947— |    |             |
| From Waranga Western Channel .. .. .   | .. | 12,692      |
| From Loddon River .. .. .  | .. | 23,640      |
| Total .. .. .  | .. | 36,332      |

## APPENDIX B.

STATE RIVERS AND WATER SUPPLY COMMISSION.  
DOMESTIC AND STOCK SYSTEMS.

Return of Water Delivered to Waterworks Districts during Waterings in Year 1946; measurements being made at Headworks or at Pumping Stations.

| Districts.                        |    |    |    |    |    |    | Quantity.  | Total.     |
|-----------------------------------|----|----|----|----|----|----|------------|------------|
| Wimmera-Mallee System—            |    |    |    |    |    |    | Acre feet. | Acre feet. |
| Wimmera River and Storages        | .. | .. | .. | .. | .. | .. | 43,792     | 70,401*    |
| Loddon and Goulburn Water         | .. | .. | .. | .. | .. | .. | 26,583     |            |
| River Murray (Nyah Pump)          | .. | .. | .. | .. | .. | .. | 26         |            |
| Normanville (Loddon and Goulburn) | .. | .. | .. | .. | .. | .. | 2,151      | 5,981      |
| West Loddon (Loddon and Goulburn) | .. | .. | .. | .. | .. | .. | 1,796      |            |
| East Loddon (Goulburn)            | .. | .. | .. | .. | .. | .. | 534        |            |
| Loddon (Loddon)                   | .. | .. | .. | .. | .. | .. | 1,500      |            |
| River Murray—                     |    |    |    |    |    |    |            | 21,668     |
| Millewa                           | .. | .. | .. | .. | .. | .. | 18,828     |            |
| Coreena                           | .. | .. | .. | .. | .. | .. | 1,014      |            |
| Yelta                             | .. | .. | .. | .. | .. | .. | 420        |            |
| Carwarp                           | .. | .. | .. | .. | .. | .. | 1,406      |            |
| Grand Total                       |    |    |    |    |    |    | ..         | 98,050     |

\* 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. |       |
| 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  | ..   | 67,864           | 33·90            | 15·06             | 1928  |
| 1929  | ..  | 28,966   | 8,142  | 6,522   | ..   | 83,350           | 30·80            | 9·52              | 1929  |
| 1930  | ..  | 19,022   | 7,360  | 8,160   | ..   | 74,950           | 34·45            | 15·24             | 1930  |
| 1931  | ..  | 1,200  | 9,280  | 8,082   | ..   | 35,880*          | 35·45            | 13·83             | 1931  |
| 1932  | ..  | 14,700   | 17,234   | 20,342  | ..   | 81,124           | 37·12            | 14·25             | 1932  |
| 1933  | ..  | 17,516   | 9,536  | 19,750  | ..   | 75,862           | 38·56            | 15·54             | 1933  |
| 1934  | ..  | 29,866   | 9,262  | 12,152  | ..   | 85,250           | 26·52            | 12·50             | 1934  |
| 1935  | ..  | 26,347   | 9,128  | 16,622  | ..   | 76,441           | 29·99            | 10·30             | 1935  |
| 1936  | ..  | 23,315   | 8,240  | 12,235  | ..   | 65,190           | 38·19            | 12·18             | 1936  |
| 1937  | ..  | 36,017   | 4,926  | 17,065  | ..   | 91,920           | 31·30            | 15·46             | 1937  |
| 1938  | ..  | 22,789   | 3,138  | 35,337  | ..   | 83,234           | 24·57            | 5·61              | 1938  |
| 1939  | ..  | 8,956  | 15,225   | 22,725  | ..   | 68,493           | 33·77            | 15·16             | 1939  |
| 1940  | ..  | 34,309   | 1,666  | 25,465  | ..   | 89,680           | 25·74            | 6·23              | 1940  |
| 1941  | ..  | 16,290   | 5,540  | 15,288  | 940  | 60,373           | 39·14            | 12·66             | 1941  |
| 1942  | ..  | 6,293  | 10,391   | 19,394  | ..   | 62,751           | 44·36            | 14·15             | 1942  |
| 1943  | ..  | 23,647   | 2,038  | 26,282  | ..   | 76,910           | 29·43            | 9·07              | 1943  |
| 1944  | ..  | 26,017   | 7,131  | 27,053  | 1,920  | 80,087           | 26·64            | 6·32              | 1944  |
| 1945  | ..  | 17,271   | 2,679  | 16,075  | 3,466  | 77,329           | 28·58            | 9·58              | 1945  |
| 1946  | ..  | 17,880   | 7,312  | 18,600  | 26   | 70,401           | 47·05            | 13·18             | 1946  |

\* 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*                                 |
| 1945-46 | .. | .. | .. | .. | .. | .. | 2,582         | 7,220*                                 |
| 1946-47 | .. | .. | .. | .. | .. | .. | 2,921         | 8,763                                  |

\* 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.             |
| 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<br>24.12.38 | { 26.11.38<br>19.2.39 | { 66<br>57 } 123† |
| 1939            | .. | .. | 30.4.39    | 4.11.39    | 188   | 1939      | .. | .. | 2.8.39                | 7.9.39                | 36                |
| 1940            | .. | .. | 17.4.40    | 30.10.40   | 196   | 1940      | .. | .. | 16.8.40               | 23.10.40              | 68                |
| 1941            | .. | .. | 23.4.41    | 22.10.41   | 182   | 1941      | .. | .. | 27.8.41               | 12.10.41              | 46                |
| 1942            | .. | .. | 22.4.42    | 28.10.42   | 189   | 1942      | .. | .. | 20.8.42               | 25.9.42               | 36                |
| 1943            | .. | .. | 30.4.43    | 6.11.43    | 191   | 1943      | .. | .. | 25.8.43               | 25.9.43               | 32                |
| 1944            | .. | .. | 10.4.44    | 15.11.44   | 220   | 1944      | .. | .. | 2.10.44               | 28.1.45               | 119               |
| 1945            | .. | .. | 19.6.45    | 20.2.46    | 247   | 1945      | .. | .. | 10.12.45              | 1.3.46                | 82                |
| 1946            | .. | .. | 5.6.46     | 17.1.47    | 227   | 1946      | .. | .. | 4.9.46                | 17.10.46              | 44                |

† Supplies intermittent owing to low state of river.

| MILLEWA.* |    |    |            |            |       | MILLEWA CENTRAL.* |    |    |                     |                       |       |
|-----------|----|----|------------|------------|-------|-------------------|----|----|---------------------|-----------------------|-------|
| Year.     |    |    | Commenced. | Completed. | Days. | Year.             |    |    | Commenced.          | Completed.            | Days. |
| 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†  |
| 1945      | .. | .. | 14.6.45    | 8.12.45    | 178   | 1945              | .. | .. | 16.6.45             | 3.11.45               | 141   |
| 1946      | .. | .. | 1.7.46     | 16.12.46   | 169   | 1946              | .. | .. | { 5.7.46<br>19.7.46 | { 13.7.46<br>29.11.46 | 143   |

† 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 Millewa Central Pumps being out of commission for three and a half months.

| YELTA.* |    |    |                      |                       |       | CARWARP.* |    |    |                                  |                                  |       |
|---------|----|----|----------------------|-----------------------|-------|-----------|----|----|----------------------------------|----------------------------------|-------|
| Year.   |    |    | Commenced.           | Completed.            | Days. | Year.     |    |    | Commenced.                       | Completed.                       | Days. |
| 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    |
| 1945    | .. | .. | 14.1.46              | 14.2.46               | 32    | 1945      | .. | .. | { 24.10.45<br>6.11.45<br>23.1.46 | { 26.10.45<br>19.1.46<br>26.1.46 | 82    |
| 1946    | .. | .. | { 8.9.46<br>28.10.46 | { 19.9.46<br>21.11.46 | 37    | 1946      | .. | .. | 21.8.46                          | 23.9.46                          | 34    |

† 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 1937-38 :—

| Year.      | Inflow to Storages. |   |            | Output from Storages. | Delivered to Users. | Percentage Efficiency. | Remarks.  |
|------------|---------------------|---|------------|-----------------------|---------------------|------------------------|---|
|            | From Coliban River. | Through Ashbourne Diversion Channel from Campaspe River to Coliban River. | Total.     |                       |                     |                        |   |
|            | acre feet.          | acre feet.  | acre feet. | acre feet.            | acre feet.          |                        |   |
| 1937-38 .. | 5,969               | 376   | 6,345      | 12,713                | 7,724               | 61                     | Water run in—<br>Whole system (restrictions on minor races) |
| 1938-39 .. | 21,618              | 1,342   | 22,960     | 3,786                 | 3,117               | 82                     | Main channels only  |
| 1939-40 .. | 51,452              | 2,226   | 53,678     | 24,673                | 13,282              | 54                     | Whole system  |
| 1940-41 .. | 6,482               | 211   | 6,693      | 16,000                | 10,000              | 63                     | Whole system (restrictions on minor races)                  |
| 1941-42 .. | 36,953              | 1,767   | 38,720     | 17,908                | 13,126              | 73                     | Whole system (restrictions on minor races)                  |
| 1942-43 .. | 63,749              | 1,557   | 65,306     | 22,363                | 13,135              | 58                     | Whole system  |
| 1943-44 .. | 22,802              | 848   | 23,650     | 29,900                | 17,000              | 57                     | Whole system  |
| 1944-45 .. | 8,016               | 96  | 8,112      | 16,698                | 9,933               | 59                     | Whole system*   |
| 1945-46 .. | 33,019              | 1,781   | 34,800     | 17,897                | 10,546              | 59                     | Whole system  |
| 1946-47 .. | 42,386              | 2,344   | 44,730     | 26,136                | 15,086              | 58                     | Whole system  |

\* 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 1946-47.

| Name of District.                                     | Area of District In Acres. | Area classified as Irrigable within Constituted Districts in Acres. | Water Rights Apportioned (including Extra Water Rights) (Acres 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   | 6,628   | 448      | 362                                | ..                                     | 20        | 5,798   | ..         | ..        | ..              | ..                        |
| North Shepparton .. .. .                              | 121,914                    | 61,444  | 13,203  | 19,878  | 3,119    | 1,902                              | 84                                     | 1,239     | 12,747  | 12         | 10        | 565             | ..                        |
| Shepparton .. .. .                                    | 24,432                     | 21,365  | 21,365  | 19,654  | 480      | 462                                | 6                                      | 1,127     | 5,714   | 159        | 9,183     | 2,446           | 77                        |
| South Shepparton .. .. .                              | 33,714                     | 17,923  | 4,404   | 7,443   | 1,472    | 471                                | 29                                     | 188       | 4,959   | ..         | 37        | 287             | ..                        |
| Rodney .. .. .  | 272,683                    | 190,353   | 60,834  | 87,915  | 8,038    | 17,118                             | 891                                    | 3,563     | 47,570  | 247        | 8,728     | 1,650           | 110                       |
| Tongala-Stanhope .. .. .                              | 76,158                     | 47,626  | 48,052  | 41,944  | 2,283    | 4,524                              | 441                                    | 1,276     | 31,500  | 16         | 1,715     | 130             | 59                        |
| Rochester .. .. .                                     | 181,603                    | 56,995  | 57,466  | 66,133  | 5,885    | 6,186                              | 353                                    | 6,346     | 45,579  | 9          | 1,227     | 258             | 290                       |
| Dingee .. .. .  | 8,859                      | 4,447   | 4,447   | 4,424   | 431      | 32                                 | 8                                      | 1,067     | 2,830   | 3          | ..        | 33              | 20                        |
| Calivil .. .. .                                       | 61,140                     | 34,527  | 6,505   | 13,642  | 4,583    | 305                                | 252                                    | 1,478     | 6,641   | ..         | ..        | 178             | 205                       |
| Tragowel Plains .. .. .                               | 218,164                    | 148,763   | 31,192  | 44,120  | 11,876   | 914                                | 3,533                                  | 11,245    | 15,284  | 16         | ..        | 2               | 1,250                     |
| Deakin .. .. .  | 160,433                    | 21,202  | 5,698   | 9,091   | 1,574    | 871                                | 183                                    | 477       | 5,896   | ..         | 3         | 20              | 67                        |
| Boort* .. .. .  | 80,061                     | 56,722  | 11,339  | 24,372  | 6,289    | 1,522                              | 1,514                                  | 6,451     | 6,550   | ..         | 9         | ..              | 2,037                     |
| Totals .. .. .  | 1,253,118                  | 672,540   | 271,834   | 345,044   | 46,478   | 34,669                             | 7,294                                  | 34,477    | 191,068 | 462        | 20,912    | 5,569           | 4,115                     |
| RIVER MURRAY SYSTEM.                                  |                            |   |   |   |          |                                    |  |           |         |            |           |                 |                           |
| (a) Torrumbarry Weir.                                 |                            |   |   |   |          |                                    |  |           |         |            |           |                 |                           |
| Cohuna .. .. .  | 84,958                     | 44,561  | 49,186  | 60,706  | 2,056    | 2,857                              | 364                                    | 26,672    | 27,377  | ..         | 55        | ..              | 1,325                     |
| Koondrook .. .. .                                     | 82,676                     | 24,472  | 24,522  | 35,228  | 2,831    | 1,940                              | 1,203                                  | 9,044     | 18,269  | ..         | 1,131     | 22              | 788                       |
| Swan Hill .. .. .                                     | 37,140                     | 22,275  | 25,893  | 21,872  | 1,736    | 3,703                              | 133                                    | 1,766     | 8,246   | 3,778      | 265       | 1,429           | 616                       |
| Third Lake .. .. .                                    | 11,483                     | 3,771   | 2,513   | 4,501   | 139      | 80                                 | 24                                     | 1,351     | 2,907   | ..         | ..        | ..              | ..                        |
| Mystic Park .. .. .                                   | 20,260                     | 7,805   | 2,677   | 4,026   | 1,141    | 39                                 | 44                                     | 1,362     | 1,367   | ..         | 15        | 58              | ..                        |
| Tresco .. .. .  | 3,482                      | 2,000   | ..  | 1,053   | ..       | 43                                 | ..                                     | ..        | ..      | 784        | 214       | ..              | 12                        |
| Fish Point .. .. .                                    | 6,327                      | 3,756   | 1,845   | 2,483   | 204      | 102                                | 55                                     | 1,224     | 876     | ..         | ..        | 22              | ..                        |
| Kerang .. .. .  | 88,587                     | 55,435  | 19,119  | 40,931  | 3,591    | 1,531                              | 1,744                                  | 18,800    | 14,994  | ..         | 6         | 6               | 259                       |
| Kerang North-West Lakes .. .. .                       | 35,943                     | ..  | ..  | 5,197   | 1,119    | 192                                | 117                                    | 1,904     | 1,248   | ..         | 484       | 58              | 75                        |
| Lands supplied direct (outside Districts)             | ..                         | ..  | ..  | 20,202  | 2,435    | 2,101                              | 230                                    | 7,162     | 8,163   | ..         | 71        | 40              | ..                        |
| Totals .. .. .  | 370,856                    | 164,075   | 125,755   | 195,999   | 15,252   | 12,588                             | 3,914                                  | 69,285    | 83,447  | 4,562      | 2,241     | 1,635           | 3,075                     |
| (b) Yarrowonga Weir.                                  |                            |   |   |   |          |                                    |  |           |         |            |           |                 |                           |
| Murray Valley .. .. .                                 | 269,334                    | 92,610  | 25,883  | 32,330  | 15,070   | 3,294                              | 708                                    | 3,539     | 7,383   | 31         | 1,785     | 518             | 2                         |
| (c) Direct from River by Pumping.                     |                            |   |   |   |          |                                    |  |           |         |            |           |                 |                           |
| Nyah .. .. .  | 3,840                      | 2,713   | 7,304   | 3,005   | 102      | 90                                 | 37                                     | 47        | 51      | 2,465      | 129       | 54              | 30                        |
| Red Cliffs .. .. .                                    | 30,960                     | 11,291  | 28,228  | 11,542  | ..       | 169                                | ..                                     | ..        | 50      | 10,829     | 412       | 82              | ..                        |
| Merbein .. .. .                                       | 10,380                     | 7,724   | 19,311  | 7,965   | 15       | 29                                 | 100                                    | 98        | 8       | 7,069      | 534       | 74              | 38                        |
| Totals .. .. .  | 45,180                     | 21,728  | 54,843  | 22,512  | 117      | 288                                | 137                                    | 145       | 109     | 20,363     | 1,075     | 210             | 68                        |
| Totals (River Murray System)                          | 685,370                    | 278,413   | 206,481   | 250,841   | 30,439   | 16,170                             | 4,759                                  | 72,969    | 90,939  | 24,956     | 5,101     | 2,363           | 3,145                     |
| LODDON AND OTHER NORTHERN SYSTEMS.                    |                            |   |   |   |          |                                    |  |           |         |            |           |                 |                           |
| Boort* .. .. .  | ..                         | ..  | ..  | 754   | 195      | 47                                 | 47                                     | 200       | 203     | ..         | ..        | ..              | 62                        |
| East Loddon .. .. .                                   | ..                         | ..  | ..  | 1,492   | 791      | 20                                 | 1                                      | 189       | 467     | ..         | ..        | 8               | 16                        |
| Loddon .. .. .  | ..                         | ..  | ..  | 104   | 99       | ..                                 | ..                                     | 5         | ..      | ..         | ..        | ..              | ..                        |
| West Loddon .. .. .                                   | ..                         | ..  | ..  | 1,584   | 522      | 102                                | 92                                     | 20        | ..      | ..         | 2         | ..              | 846                       |
| Coliban .. .. .                                       | ..                         | 10,900  | ..  | 7,148   | 65       | 347                                | 87                                     | 504       | 1,160   | 11         | 3,577     | 1,252           | 85                        |
| Campaspe .. .. .                                      | 19,725                     | ..  | ..  | 1,112   | 485      | 144                                | ..                                     | 328       | 140     | ..         | 2         | 13              | ..                        |
| Western Wimmera .. .. .                               | ..                         | 3,090   | ..  | 2,665   | ..       | 263                                | 4                                      | ..        | 904     | 56         | 1,109     | 329             | ..                        |
| Wimmera United .. .. .                                | ..                         | 162   | ..  | 258   | ..       | 50                                 | 23                                     | ..        | 183     | ..         | ..        | ..              | ..                        |
| Totals .. .. .  | 19,725                     | 14,152  | ..  | 15,115  | 2,157    | 973                                | 254                                    | 1,306     | 3,057   | 67         | 4,690     | 1,602           | 1,009                     |
| SOUTHERN SYSTEMS.                                     |                            |   |   |   |          |                                    |  |           |         |            |           |                 |                           |
| Bacchus Marsh .. .. .                                 | 6,687                      | 3,331   | 3,331   | 3,923   | 28       | 1,209                              | 11                                     | ..        | 2,202   | ..         | 200       | 246             | 27                        |
| Werribee .. .. .                                      | 10,137                     | 8,148   | 8,140   | 8,214   | ..       | 725                                | 117                                    | ..        | 3,908   | ..         | 336       | 2,960           | 168                       |
| Maffra-Sale .. .. .                                   | 52,454                     | 22,463  | 22,499  | 24,741  | 80       | 1,848                              | 394                                    | 1,122     | 20,940  | ..         | 9         | 40              | 308                       |
| Totals .. .. .  | 69,278                     | 33,942  | 33,979  | 36,878  | 108      | 3,782                              | 522                                    | 1,122     | 27,050  | ..         | 545       | 3,246           | 503                       |
| MILDURA AND PRIVATE DIVERSIONS.                       |                            |   |   |   |          |                                    |  |           |         |            |           |                 |                           |
| First Mildura Trust District .. .. .                  | 44,000                     | 15,000  | ..  | 12,755  | ..       | 345                                | 170                                    | ..        | ..      | 11,320     | 830       | ..              | 90                        |
| Private Diversions—Kerang (outside District)          | ..                         | ..  | ..  | 4,375   | 368      | 212                                | 151                                    | 1,422     | 2,208   | ..         | ..        | 14              | ..                        |
| Other Private Diversions throughout the State .. .. . | ..                         | ..  | ..  | 43,582  | 3,713    | 13,549                             | 4,507                                  | 2,761     | 12,500  | 2,230      | 2,246     | 1,800           | 276                       |
| Totals .. .. .  | 44,000                     | 15,000  | ..  | 60,712  | 4,081    | 14,106                             | 4,828                                  | 4,183     | 14,708  | 13,550     | 3,076     | 1,814           | 366                       |
| Grand Totals 1946-47 .. .. .                          | 2,071,491                  | 1,014,047   | 512,294   | 708,590   | 83,263   | 69,700                             | 17,657                                 | 114,057   | 326,822 | 39,035     | 34,324    | 14,594          | 9,138                     |
| Grand Totals 1945-46 .. .. .                          | 2,069,379                  | 1,005,083   | 510,427   | 656,845   | 72,956   | 67,309                             | 15,152                                 | 105,647   | 301,768 | 38,351     | 32,632    | 12,596          | 10,434                    |

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

(B) COMPARATIVE STATEMENT OF THE EXTENT OF IRRIGATION 1942-43 TO 1946-47.

| Source of Supply.                            | Area under Irrigation (Acres). |          |          |          |          |
|--|--------------------------------|----------|----------|----------|----------|
|  | 1942-43.                       | 1943-44. | 1944-45. | 1945-46. | 1946-47. |
| Goulburn System .. .. .                      | 329,408                        | 357,228  | 311,378  | 326,516  | 345,044  |
| River Murray System .. .. .                  | 108,498                        | 227,668  | 259,327  | 229,676  | 250,841  |
| Loddon and other Northern Systems .. .. .    | 12,646                         | 13,722   | 9,451    | 12,808   | 15,115   |
| Southern Systems .. .. .                     | 34,288                         | 34,613   | 35,638   | 32,087   | 36,878   |
| Mildura Trust and Private Diversions .. .. . | 31,917                         | 32,013   | 49,416   | 55,758   | 60,712   |
| Totals .. .. .                               | 606,757                        | 665,244  | 665,210  | 656,845  | 708,590  |

## 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 1,969,970 acre feet. The Hume Reservoir, designed to contain 2,000,000 acre feet (half of which can, subject to the provisions of the River Murray Agreement, be credited to the State of Victoria), has a capacity of 1,250,000 acre feet. When the final stage of this work has been completed (involving further approval of the interested Governments), and the Lauriston, Rocklands, Cairn Curran, and Glenmaggie Reservoirs are completed, the combined capacities of Victoria's storages will be 2,778,470 acre feet.

## EXISTING STORAGES.

| Storage.  | Full Supply<br>Reduced Level. |  | Capacity.  |                  |
|---|-------------------------------|--|------------|------------------|
|   | Feet.                         |  | Acre feet. | Acre feet.       |
| <b>Goulburn System—</b>   |                               |  |            |                  |
| Eildon .. .. .  | 823·00                        |  | 306,000    |                  |
| Goulburn Weir (8,000 acre feet below gravitation level) .. .. .                                     | 408·00                        |  | 20,700     |                  |
| Waranga (53,000 acre feet below gravitation level) .. .. .  | 398·00                        |  | 333,400    |                  |
|   |                               |  |            | 660,100          |
| <b>Murray—Loddon System—</b>  |                               |  |            |                  |
| Hume Reservoir .. .. .  | 1,250,000                     |  |            |                  |
| Yarrowonga Weir .. .. .   | 95,120                        |  |            |                  |
| Torrumbarry .. .. .   | 28,900                        |  |            |                  |
| Euston .. .. .  | 31,320                        |  |            |                  |
| Mildura .. .. .   | 29,360                        |  |            |                  |
| Wentworth .. .. .   | 38,140                        |  |            |                  |
|   | 1,472,840                     |  |            |                  |
| Kow Swamp .. .. .   | 272·00                        |  | 40,860     |                  |
| Laanecoorie .. .. .   | 527·00                        |  | 6,300      |                  |
| <b>Kerang-North West Lakes—</b>   |                               |  |            |                  |
| Third, Middle, Reedy .. .. .  | 244·75                        |  |            |                  |
| Kangaroo, Racecourse, Charin } (52,100 acre feet below gravitation level)                           | 241·00                        |  | 69,400     |                  |
| Cullens .. .. .   | 240·25                        |  |            |                  |
| Lake Boga (18,200 acre feet below gravitation level) .. .. .  | 226·50                        |  | 29,650     |                  |
| Lake Cullulleraine .. .. .  | 101·00                        |  | 2,000      |                  |
|   |                               |  |            | 884,630          |
| <b>Wimmera-Mallee System—</b>   |                               |  |            |                  |
| Fyans Lake (800 acre feet below gravitation level) .. .. .  | 673·00                        |  | 17,100     |                  |
| Lake Lonsdale (1,600 acre feet below gravitation level) .. .. .                                     | 618·25                        |  | 53,300     |                  |
| Wartook (700 acre feet below gravitation level) .. .. .   | 1,500·00                      |  | 23,800     |                  |
| Taylor's Lake (1,500 acre feet below gravitation level) .. .. .                                     | 482·33                        |  | 30,000     |                  |
| Pine Lake (19,700 acre feet below gravitation level) .. .. .  | 475·00                        |  | 52,000     |                  |
| Green Lake .. .. .  | 452·50                        |  | 6,600      |                  |
| Dock Lake .. .. .   | 442·00                        |  | 4,800      |                  |
| Moora (200 acre feet below gravitation level) .. .. .   | 723·50                        |  | 5,100      |                  |
| Lower Wimmera Weirs .. .. .   |                               |  | 2,870      |                  |
| Batyo Catyo (Avon Regulator) .. .. .  | 402·00                        |  | 5,000      |                  |
| Lake Whitton .. .. .  | 375·00                        |  | 1,300      |                  |
| Township Reservoirs and Mallee Tanks .. .. .  |                               |  | 4,610      |                  |
|   |                               |  |            | 206,480          |
| <b>Maffra-Sale System—</b>  |                               |  |            |                  |
| Glenmaggie .. .. .  | 244·00                        |  | 104,500    |                  |
| Service Basins (Stratford, Heyfield) .. .. .  |                               |  | 40         |                  |
|   |                               |  |            | 104,540          |
| <b>Coliban System—</b>  |                               |  |            |                  |
| Upper Coliban .. .. .   | 1,652·00                      |  | 25,700     |                  |
| Malmsbury .. .. .   | 1,477·00                      |  | 14,400     |                  |
| Lauriston .. .. .   | 1,566·00                      |  | 12,000     |                  |
| Spring Gully .. .. .  | 899·00                        |  | 2,000      |                  |
| Subsidiary Reservoirs .. .. .   |                               |  | 4,750      |                  |
|   |                               |  |            | 58,850           |
| <b>Werribee System—</b>   |                               |  |            |                  |
| Pykes Creek .. .. .   | 1,306·00                      |  | 19,400     |                  |
| Melton .. .. .  | 273·00                        |  | 15,500     |                  |
|   |                               |  |            | 34,900           |
| <b>Bellarine Peninsula System—</b>  |                               |  |            |                  |
| Wurdee Boluc .. .. .  | 441·50                        |  | 10,000     |                  |
| Service Basins .. .. .  |                               |  | 800        |                  |
|   |                               |  |            | 10,800           |
| <b>Mornington Peninsula System—</b>   |                               |  |            |                  |
| 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            |
| <b>Otway System—</b>  |                               |  |            |                  |
| Service Basins .. .. .  |                               |  |            | 1,080            |
| <b>Miscellaneous—</b>   |                               |  |            |                  |
| Eppalock .. .. .  | 530·00                        |  | 1,200      |                  |
| Wonthaggi .. .. .   | 238·00                        |  | 1,550      |                  |
| Wonthaggi Service Basins .. .. .  |                               |  | 10         |                  |
| Newstead .. .. .  | 806·00                        |  | 30         |                  |
|   |                               |  |            | 2,790            |
| <b>Total Capacity of Existing Storages</b> .. .. .  |                               |  |            | <b>1,969,970</b> |
| <b>ADDITIONAL STORAGE BEING PROVIDED BY WORKS IN COURSE OF CONSTRUCTION.</b>                        |                               |  |            |                  |
| <b>Wimmera-Mallee System—</b>   |                               |  |            |                  |
| Rocklands .. .. .   | 644·00                        |  |            | 264,000          |
| <b>Murray-Loddon System—</b>  |                               |  |            |                  |
| Cairn Curran .. .. .  | 684·00                        |  |            | 120,000          |
| <b>FURTHER STORAGE WHICH WILL BE PROVIDED WHEN GATES ARE INSTALLED ON THE RESPECTIVE SPILLWAYS.</b> |                               |  |            |                  |
| <b>Maffra-Sale System—</b> Glenmaggie to 150,000 acre feet .. .. .                                  | 255·00                        |  | 45,500     |                  |
| <b>Murray System—</b> Hume Reservoir to 2,000,000 acre feet (half share to Victoria) .. .. .        | 626·00                        |  | 375,000    |                  |
| <b>Coliban System—</b> Lauriston to 16,000 acre feet .. .. .  | 1,574·20                      |  | 4,000      |                  |
|   |                               |  |            | 424,500          |
| <b>TOTAL CAPACITY OF STORAGES WHEN WORKS ARE COMPLETED</b> .. .. .                                  |                               |  |            | <b>2,778,470</b> |

(a) One foot below New South Wales Standard Datum.

(b) New South Wales Water Conservation Datum.

(c) River Murray Lock Site Datum. All other levels are to Victorian Railways Datum.

## APPENDIX G.

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

1946-47.

## 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 .. .. . | 20,247 square miles = 12,958,100 acres |
| Area of Irrigation Districts and other lands supplied for irrigation .. .. .   | 2,418,100 acres                        |
| Area Irrigated (1946-47) .. .. .   | 708,590 acres                          |
| Area within Flood Protection Districts .. .. .   | 148,910 acres                          |
| Area within Drainage Districts .. .. .   | 502,700 acres                          |

## DISTRIBUTION OF AVERAGE RAINFALL FOR THE YEAR.

|  |  |
|--|--|
| Over State (87,884 square miles) .. .. . | 10 inches to 80 inches                                 |
| Under 15 inches .. .. .                  | 26,102 square miles = 29.70 per cent. of area of State |
| 15 inches to 20 inches .. .. .           | 19,309 " " = 21.97 " " "                               |
| 20 " 25 " .. .. .                        | 13,722 " " = 15.62 " " "                               |
| 25 " 30 " .. .. .                        | 11,803 " " = 13.43 " " "                               |
| 30 " 40 " .. .. .                        | 11,136 " " = 12.67 " " "                               |
| 40 " 50 " .. .. .                        | 3,923 " " = 4.46 " " "                                 |
| 50 " 60 " .. .. .                        | 1,735 " " = 1.97 " " "                                 |
| Over 60 inches .. .. .                   | 154 " " = 0.18 " " "                                   |
| Total .. .. .                            | 87,884   |

## WATERWORKS—

## Controlled by Commission—

## Storages—

|   |     |
|---|-----|
| Number of large reservoirs .. .. .  | 35  |
| Number of subsidiary reservoirs and service basins .. .. .                  | 225 |
| Total capacity of storages, 536,000 million gallons = 1,969,970* acre feet. |     |

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

## Channels—Length—

|                                       |              |
|---------------------------------------|--------------|
| Irrigation .. .. .                    | 4,404 miles  |
| Domestic and Stock .. .. .            | 8,390 miles  |
| Drainage and Flood Protection .. .. . | 2,144 miles  |
| Total .. .. .                         | 14,938 miles |

## Pipe Lines—Length—

|                      |             |
|----------------------|-------------|
| Mains .. .. .        | 258 miles   |
| Reticulation .. .. . | 862 miles   |
| Total .. .. .        | 1,120 miles |

## Tanks—Excavated—

|   |           |
|---|-----------|
| Number in Wimmera-Mallee Waterworks Districts .. .. . | 260 tanks |
| Bores—  |           |
| Number in Waterworks Districts .. .. .                | 105 bores |

## Water Deliveries—

|   |                    |
|---|--------------------|
| Quantity water delivered from Commission's Works to water-users (excluding deliveries to Wimmera-Mallee and Other Domestic and Stock Systems) .. .. . | 730,413 acre feet. |
|---|--------------------|

## RURAL DISTRICTS—

## Administered by Commission—

|  | Number of Districts. | Number of Assessments. | Population.     |
|--|----------------------|------------------------|-----------------|
| Irrigation Districts .. .. .   | 28                   | 13,089                 | 36,252          |
| Waterworks Districts (including rural lands, Coliban System) .. .. . | 34                   | 20,337                 | 55,906          |
| Flood Protection Districts .. .. .                                   | 4                    | 1,355* (41)            | 3,980* (66)     |
| Drainage Districts .. .. .   | 14                   | 4,602* (5,370)         | 4,450* (18,462) |
| Totals .. .. .   | 80 districts         | 39,383 assessments     | 100,588 persons |

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

## URBAN DISTRICTS—

## Reticulated pipe supplies for domestic and industrial purposes—

|                                    | Number of Towns. | Population.     |
|------------------------------------|------------------|-----------------|
| Administered by Commission .. .. . | 127              | 134,460 persons |
| " " Waterworks Trusts .. .. .      | 117              | 234,240 "       |
| " " Local Governing Bodies .. .. . | 15               | 78,950 "        |
| Totals .. .. .                     | 259 towns        | 447,650 persons |

## SEWERAGE AUTHORITIES—

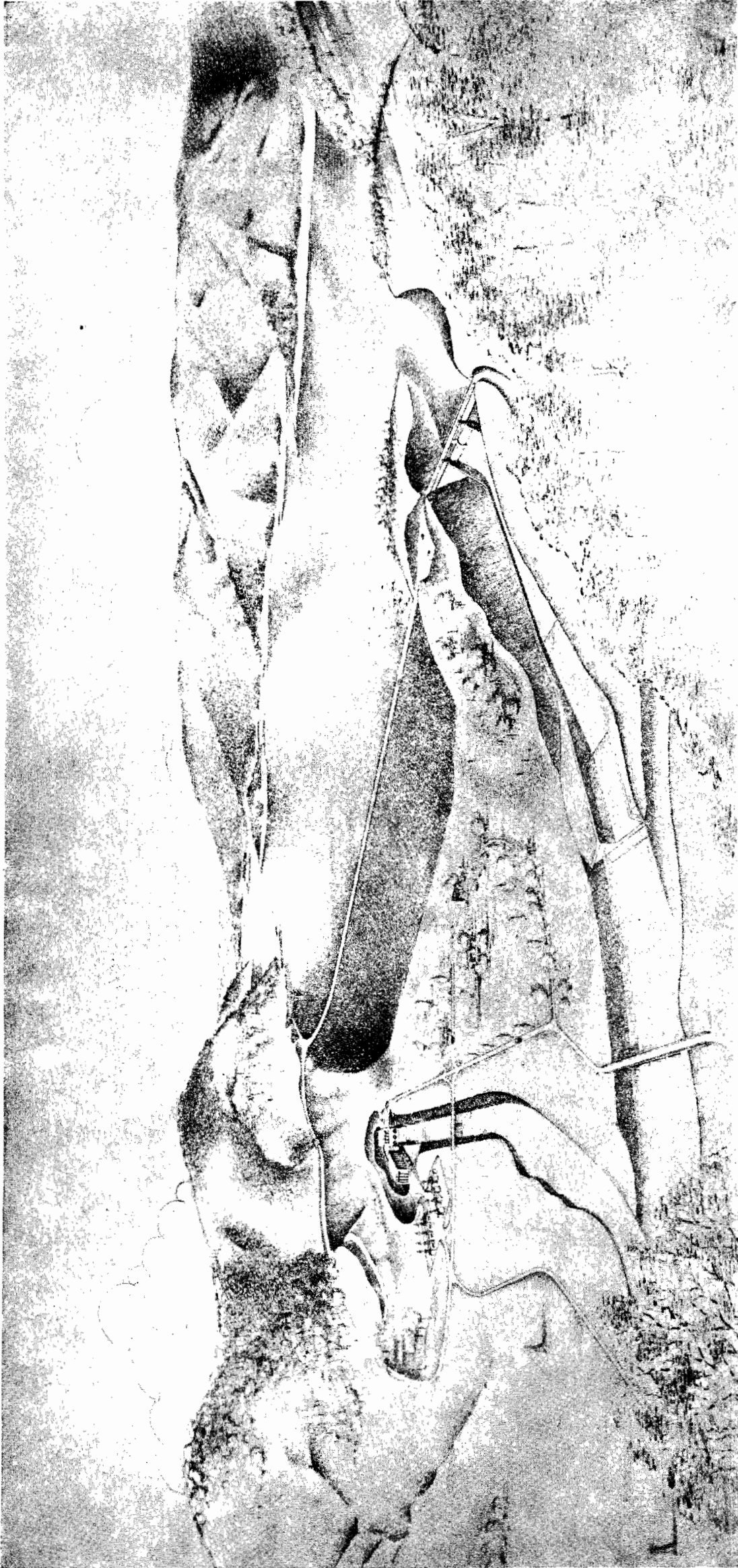
## Controlled by Local Authorities supervised by Commission .. .. .

| AGE AUTHORITIES—   |  |  |  |  |  |  | Number of Towns.             | Population.        |
|--|--|--|--|--|--|--|------------------------------|--------------------|
| Controlled by Local Authorities supervised by Commission .. .. . |  |  |  |  |  |  | 23 (Systems operating)       | .. 171,800 persons |
|  |  |  |  |  |  |  | 4 (Systems partly operating) | .. 8,600 "         |
|  |  |  |  |  |  |  | 16 (Systems not operating)   | .. 37,350 "        |
| Totals .. .. .   |  |  |  |  |  |  | 43 towns .. .. .             | .. 217,750 persons |

## CAPITAL LIABILITY FOR WATER SUPPLY—

|   |             |
|---|-------------|
| Total to 30th June, 1946—(a) Borne by the State .. .. . | £27,300,343 |
| (b) Borne by the Districts .. .. .                      | £3,052,126  |
| Total .. .. .   | £30,352,469 |

# PROPOSED EILDON RESERVOIR ENLARGEMENT.



This picture gives an artist's conception of the great dam proposed by the State Rivers and Water Supply Commission below the junction of the Goulburn and Delatite Rivers to increase reservoir capacity from 306,000 acre feet to 2,350,000 acre feet.

The dam would be approximately half a mile long with a maximum height of nearly 250 feet, and would contain nearly 11,000,000 cubic yards of earth and rockfill in the embankment.

The massive spillway, which is dwarfed in the picture, would be fitted with two very large steel gates, each 100 feet in length and 20 feet high, to permit the passage of high flood waters around the end of the embankment.

Below the embankment are shown the outlet works and power houses where the maximum hydro-electric power would be obtained from the released water before it passes down the river to the irrigation districts.

The great dam, which is estimated to cost £9,600,000, would enable the already very considerable irrigation development from the Goulburn River in Northern Victoria to be practically doubled, with consequent increase of several millions of pounds per annum in the value of the primary products obtained from the northern plains of Victoria.