

1944.
VICTORIA.

STATE RIVERS AND WATER SUPPLY COMMISSION.

THIRTY-NINTH
ANNUAL REPORT,
1943-44.

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

[*Cost of Report*.:—Preparation—Not given. Printing (550 copies), £245.]

By Authority:

H. E. DAW, GOVERNMENT PRINTER, MELBOURNE.

No. 24.—[3s.]—11233/44.

STATE RIVERS AND WATER SUPPLY COMMISSION.

Treasury Gardens,
Melbourne, C.2,

5th December, 1944.

ANNUAL REPORT, 1943-44.

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 1943-44, and Estimates for the ensuing year.

L. R. EAST, Chairman.
M.C.E., M.Inst.C.E., M.Am.Soc.C.E., M.I.E., Aust.

H. W. McCAY, Commissioner.
B.C.E., M.I.E., Aust.

H. HANSLOW, Commissioner.

L. DUGGAN, Secretary.

COMMISSION.

To fill the vacancy on the Commission caused by the death of Mr. W. A. Robertson, as recorded in the last Annual Report, Mr. H. W. McCay, B.C.E., M.I.E., Aust., was appointed as a Commissioner and Deputy Chairman as on and from 29th November, 1943.

TABLE OF CONTENTS

SUBJECT.		PAGE
Part I.		
SUMMARY OF REPORT		5-7
Part II.		
GENERAL—		
Outline of Report		8
Legislation		8
Inquiries and Reports—		
Parliamentary Public Works Committee's Inquiries		9-10
Hume Reservoir—Increase of Capacity		11
Country Towns Water Supplies		11-12
Post-War Development (Rural Reconstruction—Housing—Commission's Works)		12-13
Irrigation Development		14-15
Administration—		
Staff		16-17
Housing		18
District Extensions and Excisions and New District (proposed)		18
Part III.		
WORKS CARRIED ON OR COMPLETED DURING THE YEAR—		
Water Supply.. .. .		19
Irrigation Supplies		19-23
Town Supplies		23-27
Domestic and Stock Supplies		27-28
Main Pumping Stations		29
Murray Works and Main Storages		30-32
New Irrigation and Water Supply Proposals		32-35
Waterworks Trusts under Supervision of Commission		36
Drainage and Flood Protection		36-37
Sewerage		38
River Improvement, Control, and Gaugings		38-39
Miscellaneous—		
Engineering Research Branch		40-41
Land Valuations		41-42
Commission's Lands (Occupation—Tree Plantations)		42
Part IV.		
RATING AND FINANCE—		
Rating—		
Statement of Rates and Charges with Valuations of Lands and Populations in Districts		43-49
Finance—		
Summary of Financial Position		50-57
Summary of Receipts and Disbursements for 1943-44		58
Districts Cash and Profit and Loss Accounts 1943-44		59-76
Districts Balance Sheets as at 30th June, 1944		77-87
Sub-Surface Drainage Works		88
Water Supply Works Depreciation Accounts		89-92
Contracts and Direct Labour Expenditure		93
Capital Expenditure 1943-44		94-95
Loan Capital Liability at 30th June, 1944—		
A.—Free Headworks		96
B.—Capital Works and Charges not apportionable to Districts		96
C.—Headworks		97
D.—Irrigation and Water Supply Districts		98
E.—Urban Divisions		99
F.—Waterworks Districts		99
G.—Urban Districts		100-101
H.—Flood Protection Districts		101
I.—Drainage Districts		102
J.—Waterworks Trusts and Local Governing Bodies		102
Summary Statement of Loan Liability as at 30th June, 1944		103
Statement of Revenue showing Arrears		104
Estimates for Year 1944-45		105
APPENDICES—		
A.—Return of Water delivered from Irrigation Systems—Year 1943-44.		
B.—Return of Water supplied for Wimmera-Mallee and other Waterworks Districts in Year 1943 and Return of Water released from Headworks for Supply of Wimmera-Mallee Waterworks Districts—Years. 1922 to 1943.		
C.—Schedule of Periods of recent Annual Waterings in Wimmera-Mallee and River Murray domestic and stock water supply systems.		
D.—Statement showing quantities of water taken into and released from main storages of Coliban System and quantities delivered to water users since 1935-36.		
E.—Statement showing Lands under Irrigated Culture—Year 1943-44.		
F.—Statement showing Total Storages in State.		
G.—Victorian Water Supply Statistics.		

ANNUAL REPORT

OF

THE STATE RIVERS AND WATER SUPPLY COMMISSION

FOR

YEAR ENDED 30TH JUNE, 1944.

PART 1.—SUMMARY OF REPORT.

GENERAL.

Page

1. The State Rivers and Water Supply Commission was constituted on 1st May, 1906, under the provisions of the Water Act 1905.
2. This Report covers the period 1st July, 1943, to 30th June, 1944.

RATING.

- | | |
|---|----|
| 3. The total net annual valuation of properties within irrigation and waterworks districts and the urban divisions and districts thereof, including the Coliban System, amounted to £3,636,555, indicating a total capital value of over £72,700,000 | 48 |
| 4. The total number of rating assessments in the districts supplied with water by the Commission is 79,012, and the numbers of persons dwelling in such districts total 210,060 | 48 |
| 5. Legislation passed by Parliament during the year authorized action to enable the reduction of water rates in Urban Districts and Urban Divisions under the jurisdiction of the Commission, Waterworks Trusts, and Local Governing Bodies by a maximum of 33½ per cent. | 9 |

IRRIGATION DEVELOPMENT.

- | | |
|---|----------------------|
| 6. The area irrigated during the year was a record of 665,244 acres, an increase of almost 10 per cent. on the previous highest of 606,757 acres in 1942-43 | 14 and
Appendix E |
| 7. The soil survey of the Shepparton Irrigation District has been completed ; and arrangements are being made to extend the survey of the Murray Valley Irrigation District, and for a similar survey of lands which will be served by the Nambrok-Denison irrigation project | 14 |
| 8. The Murray Valley Irrigation District was extended to 95,314 acres by the inclusion of 1,330 acres of land recently supplied with water. The total area actually irrigated in this district increased from 8,419 acres in 1942-43 to 15,001 acres in 1943-44 | 18 and 22 |
| 9. The Victorian harvest of dried fruit was a record one of over 58,000 tons, more than 1,600 tons above the previous highest and approximately 16,000 tons over the average of the ten years immediately prior to the war | 15 |
| 10. The canned fruit pack was considerably larger than that processed last year. The principal increase was at the Kyabram Cannery, in the establishment of which the Commission took a leading part | 15 |
| 11. A recent survey has shown that butter factories in irrigation areas are the only ones which have maintained and even increased their production during the recent dry seasons | 15 |
| 12. Attention is drawn to the need for planning in regard to the development of citrus and dried fruit production in Victoria | 15 |

WATER SUPPLY.

- | | |
|---|------------|
| 13. The total capacity of water storages controlled by the Commission is 1,975,520 acre feet, including Victoria's half-share of River Murray storages | Appendix F |
| 14. The total area of lands in Victoria supplied with water for domestic and stock purposes or for irrigation by channels, tanks, bores, and pipe lines was 15,166,950 acres | 19 |
| 15. For the year 1943-44 the discharge of streams throughout the State was below average, particularly that of the Loddon, Broken, Werribee, Little Wimmera, and Coliban Rivers | 39 |
| 16. From the Commission's irrigation systems, the record quantity of 716,742 acre feet of water was delivered, including 27,635 acre feet for domestic and stock purposes to landholders in irrigation districts | 19 |
| 17. Progress has been made with the carrying out of works and with further investigations for increasing the efficiency of the Torumbarry System | 20 |
| 18. Work has been resumed on the construction of channels of the Murray Valley Irrigation Scheme ; approximately 235 miles of main and spur channels have been completed to date involving an expenditure of approximately £614,000 | 22 |
| 19. Authorized diversions from streams issued under long-term licences and annual permits total 2,399, compared with 2,491 in 1942-43, but the total area so irrigated increased from 24,700 acres to 29,751 acres in 1943-44 | 38 and 39 |

TOWN SUPPLIES.

	Page
20. A Committee, known as the Town Water Supplies Committee, was appointed by the Government to inquire into and report on matters associated with water supplies to country towns ..	11 and 12
21. The Parliamentary Public Works Committee is inquiring into the water supplies to districts served from the Lysterfield Reservoir of the Mornington Peninsula System ..	10
22. Water supplies for market gardening in the Mornington Peninsula District have almost doubled since the outbreak of the war, the principal development being in the Spring Vale area ..	25
23. A record quantity of 241,800,000 gallons of water was supplied, by agreement, from the Otway System to the City of Warrnambool ..	25
24. Water supplied from the Bellarine Peninsula System to the City of Geelong, by agreement, was also a record quantity of 747,364,000 gallons ..	26
25. Plans for increasing the capacity of the outlet channel from Wurdee Boluc Reservoir to meet the increased requirements of Geelong and towns in the Bellarine Peninsula have been prepared, but the carrying out of the work has had to be deferred ..	26

DOMESTIC AND STOCK SUPPLIES.

26. Prolonged drought conditions have been experienced in the catchment of the Wimmera headworks storages and it is probable that the quantity of water which will be available for the commencement of the annual watering of the Wimmera-Mallee Districts in 1945 will be much below requirements. The position is regarded as serious ..	27
27. On account of the favorable season experienced in the previous year, the cost of clearing drift sand from water supply channels of the Wimmera-Mallee System was lower than in recent years, being £70,846 in the financial year 1943-44 and £62,547 in the calendar (watering) year 1943. The average expenditure on this work, however, is gradually increasing ..	27
28. Following an inquiry and recommendation by the Parliamentary Public Works Committee, the Government approved of the carrying out of works to supply water from the Charlton Channel of the Wimmera-Mallee System to an area of approximately 277 square miles between Charlton and Korong Vale and to the towns of Korong Vale and Wedderburn. The works, which are estimated to cost £74,240, will be undertaken as conditions permit; as also will channels to provide for a domestic and stock supply from the same source to an area of 42 square miles in the Swanwater West district adjoining the Wimmera United Waterworks District ..	10 and 28
29. For the supply of the Wimmera-Mallee Waterworks Districts, 51,967 acre feet of water were released from the Wimmera Headworks and 24,943 acre feet were delivered from the Loddon and Goulburn Rivers through the Waranga Western Channel ..	Appendix B

PUMPING.

30. With the installation during the year of a new 1,000 KW. capacity turbo-alternator the final stage of the Red Cliffs-Merbein electrical scheme was completed ..	29
31. Further progress has been made with the work of replacing old boilers at the Red Cliffs Power Station ..	29
32. Sufficient fuel to operate the Red Cliffs Power Station for the season's watering was obtained, but it was not possible to build up any reserve stock for emergency requirements ..	29
33. The fuel requirements of the Millewa, Nyah, and Tresco Pumping Stations have been assured for two or three years as a result of the firewood cut by district settlers and by ex-internees ..	29
34. Following a conference of interested bodies, the State Electricity Commission is undertaking a comprehensive investigation into the present and future power requirements of Mildura and the surrounding districts including the pumping plants of the State Rivers and Water Supply Commission at Merbein and Red Cliffs ..	29

NEW PROPOSALS—INVESTIGATION AND DEVELOPMENT.

35. The general investigation into the water resources of the State was continued, with particular attention to the waters of the Broken, Campaspe, Goulburn, Loddon, Murray, and Werribee Rivers and the Seven Creeks ..	32-34
36. On the Goulburn River, investigations show that 69 per cent of the flow could be utilized if a storage of 2,350,000 acre feet capacity could be provided at the site of the existing Eildon Reservoir. The proposal is being further examined ..	33
37. In connexion with the Loddon River and its tributaries, the Commission has recommended to the Parliamentary Public Works Committee that a dam be constructed at Cairn Curran to store 120,000 acre feet of water at an estimated cost of £1,231,000. The Committee's inquiry is proceeding. Further investigations will be made as to the possibility of constructing minor storages on tributaries of the Loddon River ..	9, 10, and 33
38. At a Conference of Ministers representing the Governments of the Commonwealth of Australia and of the States of Victoria, New South Wales, and South Australia, it was agreed to recommend to the Governments concerned that the Hume Reservoir on the River Murray be increased in capacity from 1,250,000 acre feet to 2,000,000 acre feet as a post-war work ..	11

	Page
39. Surveys, investigations, and designs are being carried out in connexion with the approved scheme for the irrigation of 68,000 acres of lands at Nambrok and Denison in East Gippsland to be undertaken as part of the post-war development programme	35
40. Proposals to supply water to an area of 7,000 acres north of Piangil by pumping from the River Murray are being investigated	35
41. In the Maffra-Sale District, a detailed survey of the Main Northern Channel was completed in connexion with proposals for increased development of the district	35
42. Engineering Research work has been continued at the Commission's laboratory, particular attention being given to the subject of Soil Mechanics	40 and 41

FINANCE.

43. The total receipts for water rates and charges for the financial year 1943-44 amounted to £714,743, the highest collection being £763,020 in 1942-43. Other receipts amounted to £78,124	56 and 58
44. The net Loan Liability of the State for works of water supply and drainage at 30th June, 1944, was £28,004,116, exclusive of equity in National Debt Sinking Fund	103
45. Of the net Loan Liability at 30th June, 1944, £1,934,328 is charged to Waterworks Trusts and other Local Governing Bodies, £3,589,709 is debited to districts directly controlled by the Commission, £42,485 is debited to the Plant and Machinery Account, and the balance £22,437,594 is borne by the State	57
46. The total Interest Charges for 1943-44, including £114,235 exchange on overseas payment on this liability, amounted to £1,193,961	57
47. Waterworks Trusts and Local Governing Bodies paid to the Treasury as interest on loans the sum of £54,438	51 and 56
48. In addition, interest amounting to £116,297 in respect of Districts and Divisions under its control was met by the Commission	51 and 56
49. In 99 districts, the capital liability of which has been adjusted, the operations for the year resulted in a net surplus of £40,912 after providing for interest, redemption, and depreciation	57
50. A loss of £124,794 was incurred in operating 62 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"	57
51. The net cost of services of a national character and other miscellaneous charges not debited to districts was £39,611	58
52. 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 £1,115,422. Comment is made and this figure analysed	57
53. 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 £742,268 of which £722,039 was provided from Vote Funds, £3,188 from Special Appropriations, and £17,041 from Surplus Revenue Act 4968	56
54. An amount of £9,403 was expended on war precautions under the provisions of the National Security Act 1939, No. 4645, inclusive of £3,497 war damage insurance	57
55. Further water supply and sewerage works have been constructed for a number of Military and Internment camps. The expenditure (£56,357) incurred during the year on this work was met from Commonwealth Funds	51
56. The value of stores and equipment held in the Stores Suspense Account as at 30th June, 1944, was £146,920	52
57. The value of movable Plant and Machinery held in the Plant and Machinery Account as at 30th June, 1944, was £42,485	52
58. 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	89-92
59. A sum of £55,000 was paid into Consolidated Revenue in respect of depreciation payments by Commission's Districts for the year 1943-44	89-92
60. The amount at credit of Water Supply Plant and Machinery Depreciation Fund as at 30th June, 1944, was £39,546	92
61. The arrears of water rates and charges outstanding at 30th June, 1944, was £485,021	104
62. The amount included in the Budget Estimate for 1944-45 for Vote Expenditure on works and services under the control of the Commission is £760,385. This amount is less by £20,000 than the Commission's estimated requirements	104

PART II.—GENERAL.

OUTLINE OF REPORT.

This Report covers the period 1st July, 1943, to 30th June, 1944, 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 by the Commission with water; the annual value of the lands and tenements supplied and the numbers of persons dwelling in these districts; the water rates, irrigation charges, and drainage and flood protection rates and charges levied; the areas of lands under irrigated culture within the State; the quantities of water delivered to districts during the year; and the capacities of the various water storages. Financial particulars relating to the Commission's Works and Districts to 30th June, 1944, and Estimates of Revenue and Expenditure for the Year 1944-45 are also included.

Reference is made to new legislation passed by Parliament in 1943 affecting the Commission's administration; to the inquiries made by the Parliamentary Public Works Committee into various water supply matters referred to it; and to a conference held to consider the question of the enlargement of Hume Reservoir on the River Murray. Reference is made also to the appointment of a Committee to report on Town Water Supplies; to the preparation of schedules of important post-war works to be undertaken by the Commission; and to defence works carried out by the Commission for and on behalf of the Commonwealth Government.

Report is made of the progress with the investigation of the water resources of Victoria; the principal proposals considered being the enlargements of the Hume Reservoir on the River Murray and the Eildon Reservoir on the Goulburn River and the possibilities of further utilization of the waters of the Loddon, Campaspe, and Broken Rivers, as well as the improvement of the Torrumbarry System.

Attention is drawn to the urgent necessity for the provision of suitable accommodation and the appointment of additional staff to enable the Commission to make more rapid progress with the planning of important water supply proposals already listed for investigation and design.

Resumption of work on the construction of channels in the Murray Valley District and the development of this area under irrigation; the carrying out of surveys and the designing of works for the new Nambrok-Denison irrigation project in East Gippsland; and the proposals to supply water to areas at Wychitella and Swanwater West from the Wimmera-Mallee domestic and stock system, are also referred to; and mention is made of the extremely low discharges of several of the important rivers during the year and to the limited supplies available for the annual watering in the Wimmera-Mallee areas.

LEGISLATION.

The following Acts affecting the administration of the Commission were passed by Parliament in the 1943 Session, viz.:—

Sewerage Districts Act 1943, No. 4965.—This Act provided for a further subsidy to all Sewerage Authorities by authorizing the Government to meet, as from 1st July, 1943, the interest in excess of 3 per centum per annum on loans raised for sewerage works. The Act also set out the procedure to be followed to obtain a valuation of any rateable property in respect of which there is no municipal valuation in force.

Surplus Revenue Act 1943, No. 4968.—This Act authorized the expenditure by the Government on certain public works and other projects of £746,000, being the amount of surplus revenue over expenditure for the year 1942-43. Of this amount the sum of £100,000 was allotted to the Commission for the general repair, restoration, and improvement of water supply works, channels, and structures under its jurisdiction and control.

Water Supply Loans Application Act 1943, No. 4979.—This Act gave approval for the carrying out of irrigation works, water supply works, drainage and flood protection works in country districts, and for works under the River Murray Waters Acts and for other purposes involving expenditure of loan funds to a total extent of £270,000.

Water Act 1943, No. 4983.—The provisions of this Act—

- (a) authorized the reduction of capital liabilities of Urban Districts and Urban Divisions under the jurisdiction of the Commission, Waterworks Trusts, and Local Governing Bodies, by such amount as would reduce the annual payments in respect of interest and redemption by an amount equivalent to the reduction in revenue which would result from a reduction in water rates by $33\frac{1}{3}$ per cent. as from 1st July, 1943, but not to an amount of rate below 1s. 4d. in the £, or the minimum annual amounts of rates below 15s. in respect of a building and 10s. in respect of vacant lands.
- (b) provided for the excision before 30th June, 1944, from any Waterworks District under the jurisdiction of the Commission or any other Authority of any lands not reasonably benefited from the water supply works by reason of such lands being above the level of water channels or too remote from such channels ;
- (c) fixed the interest on the cost of any works executed by the Commission after 30th June, 1943, at the rate of £3 per centum for the purpose of ascertaining the amount of any rate or charge to be made for water supplied ;
- (d) reduced from $4\frac{1}{2}$ per centum per annum to $3\frac{1}{4}$ per centum per annum, as from 1st July, 1943, the amount of half-yearly payments to be made by Waterworks Trusts and Local Governing Bodies for interest and reduction of principal on advances made after 30th June, 1943, by the Governor in Council ;
- (e) authorized the Commission in its Annual Reports to present the accounts of all districts under its jurisdiction in the form of balance sheets and revenue statements in addition to cash statements ;
- (f) provided for payments for the renewal of any machinery or perishable plant to be made to the Water Supply Works Depreciation Fund from the revenue derived from non-paying districts which are maintained by the Commission by direction of the Governor in Council ;
- (g) provided for a municipality to cause a valuation to be made of any property subject to a water rate in cases where such property, although situated in a district where municipal valuations are deemed to be the valuations for the purpose of making water rates, has not been valued by the municipality ;
- (h) provided that every person supplied with water by an authority shall, if so required, instal and maintain a meter at his own expense ;
- (i) empowered Authorities to repair water meters at the expense of owners who refuse or delay to do so ;
- (j) required the vendor of lands subject to a rate or flood protection charge made under the Water Acts to give notice of sale to the Secretary of any Authority.

INQUIRIES AND REPORTS.

PARLIAMENTARY PUBLIC WORKS COMMITTEE'S INQUIRIES.

Water Resources of Victoria—Loddon River and Tributaries.

In October, 1943, the Governor in Council referred to the Parliamentary Public Works Committee for inquiry and report the question as to “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 supplies for domestic and stock, irrigation, and other purposes to areas which could be served from these works, with particular reference to the domestic and industrial development of the towns and townships within these areas”.

The Commission prepared and submitted to the Committee several reports containing full details regarding the water resources of the Loddon River and its tributaries, including plans and estimates for alternative types of dams to provide a large storage on the Loddon River, and recommended—

- (1) that a dam be constructed at the Cairn Curran site to store 120,000 acre feet of water at an estimated cost of £1,231,000 ;
- (2) that the additional water made available (some 26,000 acre feet per annum on the land) be used to permit fuller development of lands with small water rights in districts adjacent to the Loddon River, and to provide for the extension of irrigation to other lands along that river.

The inquiry on this main proposal is proceeding.

Under the terms of the beforementioned reference the Committee in a Progress Report of 6th June, 1944, dealt with the question of water supplies to the townships of Dunolly and Tarnagulla and recommended—

- (1) the construction of pipe-lines to convey water from the Laanecoorie storage to the towns of Dunolly and Tarnagulla ;
- (2) that such works be undertaken and completed in time to assure water supplies to the towns for next summer.

The Committee indicated that the estimated cost of the works to supply Dunolly is £12,974 and those to supply Tarnagulla is £9,489, and, in intimating that such water supplies would place too great a burden on the ratepayers of the towns of Dunolly and Tarnagulla, suggested that the Town Water Supplies Committee (referred to on page 11) determine the extent and basis of financial assistance which should be made by the Government.

These proposals are being considered on the general basis recommended by the Town Water Supplies Committee.

River Improvement Works—Control.

The question as to “ what action is necessary to provide for the more efficient maintenance of river improvement and drainage works—other than in irrigation districts ” has been referred by the Governor in Council to the Parliamentary Public Works Committee for inquiry and report.

The Committee has advised the Commission that it will deal with improvement and drainage works on specific rivers, as well as with the general question.

A detailed statement is being prepared by the Commission for submission in evidence to the Committee.

Wycheitella Water Supply Scheme.

The Governor in Council in March, 1944, referred to the Parliamentary Public Works Committee for inquiry and report the question as to “ the desirability and practicability of providing for a domestic and stock water supply to those lands between Charlton and Korong Vale which are above the level of the Waranga-Mallee water supply channel, having regard also to the provision of improved water supplies to Korong Vale and Wedderburn ”.

After hearing evidence and considering proposals submitted by the Commission, the Public Works Committee in its report of 30th May, 1944, recommended—

- (a) that the lands between Charlton and Korong Vale which are above the level of the Waranga-Mallee water supply channel, and the towns of Korong Vale and Wedderburn be provided with a domestic and stock water supply by means of what has been described in the report as the High Level Scheme ;
- (b) that the works be regarded as urgent and be carried out as soon as labour and materials can be secured.

The estimated cost of the works of the High Level Scheme involving a supply from the Charlton Channel to an area of approximately 220 square miles is £74,240, and a free grant of £20,000 from the State is required in order to allow water to be supplied to the rural areas at a rate not greater than that applying in the adjoining Wycheproof Waterworks District, namely, 2s. 1d. in the £ on the net annual valuation of the holdings.

The Government having approved of the proposal, steps are being taken by the Commission to have the works carried out as early as practicable.

Mornington Peninsula District—Lysterfield Reservoir.

In June, 1944, the Governor in Council referred to the Parliamentary Public Works Committee for inquiry and report the question of—

“ The water supply to the urban districts served from the Lysterfield Reservoir, with a view to determining—

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

The inquiry is proceeding.

RIVER MURRAY WATERS.

Hume Reservoir—Increase of Capacity.

At the request of the Victorian Government, a Conference was held in Melbourne on 19th January, 1944, to consider the question of the enlargement of the storage of the Hume Reservoir and the utilization generally of the waters of the River Murray.

This Conference was conducted under the Chairmanship of Senator the Honorable J. S. Collings, Commonwealth Minister for the Interior, and comprised the Honorable J. G. B. McDonald, M.L.A., Minister of Water Supply and Electrical Undertakings (representing Victoria), the Honorable W. F. Dunn, M.L.A., Minister of Agriculture and Forests, and the Honorable J. J. Cahill, M.L.A., Minister for Public Works (representing New South Wales), and the Honorable M. McIntosh, M.H.A., Commissioner of Public Works (representing South Australia). Also in attendance were the appropriate officers of the interested Departments of the Commonwealth of Australia and the States of Victoria, New South Wales, and South Australia and the members of the River Murray Commission.

The following resolutions were unanimously agreed upon as recommendations to the Commonwealth and the respective State Governments :—

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

“ That the additional water shall be used for meeting the present allocation obligations under the River Murray Agreement, and as a reserve for dry years, such reserve to be used at the discretion of the River Murray Commission.”
2. That the capacity of the Lake Victoria Inlet Channel be increased to approximately double its present designed capacity.
3. That the question of the utilization of the Hume waters for purposes of generation of electricity be referred to a conference of representatives of the appropriate departments of the Commonwealth, New South Wales, Victoria, and South Australia as a continuation of discussions entered into in 1930 to determine the manner of utilization of the waters as far as generation of electricity is concerned.

An alteration of the River Murray Agreement between the Commonwealth and the three States interested will probably be necessary to implement the major issues contained in the foregoing resolutions and the decisions of the Commonwealth Government in the matters are being awaited.

COUNTRY TOWNS WATER SUPPLIES.

In November, 1943, the Government appointed a Committee, known as the Town Water Supplies Committee, to inquire into the town water supplies in country districts with a view to providing in all places adequate supplies of a satisfactory quality at a reasonable cost to the consumers.

The personnel of the Committee is :—

- H. W. McCay, Esq., B.C.E., M.I.E. Aust., Commissioner of the State Rivers and Water Supply Commission—Chairman.
 - R. E. P. Stafford, Esq., representing the State Treasury—Member.
 - F. A. Jenkins, Esq., C.E., F.C.I.S., representing the Waterworks Trusts Association and Municipal Association of Victoria—Member.
 - T. H. Grigg, Esq., of Maldon (Councillor) representing Decentralization Interests and Country Town Water Users—Member.
- The Secretary is R. H. Richmond, Esq., B.C.E., A.M.I.E. Aust., Executive Engineer of the State Rivers and Water Supply Commission.

The Committee was directed to inquire into and report on the disabilities of Local Authorities supplying water to country towns in Victoria with special reference to :—

- (1) Writing off of the whole or part of capital liabilities in respect of vanished or depreciated assets.
- (2) Adjustment of interest charges in respect of Loan Advances.
- (3) Nature and incidence of rates and charges.
- (4) The necessity for and cost of improvements or additional works to provide adequate water supplies of satisfactory quality.
- (5) Whether the cost of such works could be met by the ratepayers, and if not, the extent of financial assistance necessary and the basis on which such assistance might be given by the Government.

The number of towns in country districts in Victoria supplied with water under the provisions of the Water Acts is 258 of which 132 are controlled by Local Authorities and 126 by the State Rivers and Water Supply Commission.

The Committee has made a thorough investigation into the water supply conditions affecting country towns and in a First Progress Report issued on 20th May, 1944, indicates that, owing to the special difficulties which must be overcome in many cases, it will be necessary for substantial financial assistance to be provided to enable these towns to receive adequate supplies of water of good quality at a cost which could be met by the water users.

After consideration of all the circumstances under which water is supplied in the State of Victoria and adjoining States, the Committee indicates that a reasonable price for water is 1s. per 1,000 gallons, and that where it can be supplied at this price, no special financial assistance is necessary.

The Committee considers that assistance by the State should be given in respect of capital cost of works, all operating costs being met by the water users. In order to obtain an equitable basis upon which financial assistance might be given towards the cost of water supply for country towns, the Committee has prepared a formula having uniform application throughout the State. This formula provides for an increasing rate of assistance where the cost of works is particularly heavy owing to local conditions, and ensures that, even under very difficult local conditions, the charge for water to consumers need not exceed 1s. 6d. per 1,000 gallons.

In general the formula would have the following effect—

- (i) Where the total cost of water does not exceed 1s. per 1,000 gallons.

The whole cost to be borne by the Authority.

- (ii) Where the total cost is 1s. 4d. per 1,000 gallons.

The State bears 2d. or 50 per cent. of the excess over 1s. and the Authority bears 1s. 2d.

- (iii) Where the total cost is 1s. 8d. per 1,000 gallons.

The State bears 5d. or 63 per cent. of the excess over 1s. and the Authority bears 1s. 3d.

- (iv) Where the total cost is 2s. per 1,000 gallons.

The State bears 8d. or 67 per cent. of the excess over 1s. and the Authority bears 1s. 4d.

The Committee also recommends that Capital liability in respect of vanished and depreciated assets should be transferred to the State.

The recommendations of the Committee have been approved by the Government, and the Commission has taken steps to advise all water authorities throughout the State of the assistance which will now be available towards the cost of water supply works.

The other matters included in the terms of reference are being dealt with by the Committee and will be the subject of later reports.

POST-WAR DEVELOPMENT.

RURAL RECONSTRUCTION.

Reference was made in the last Annual Report to several statements which were being prepared by the State Rivers and Water Supply Commission for submission in evidence to the Rural Reconstruction Commission, Ministry of Post-War Reconstruction, which was appointed by the Commonwealth Government on 25th February, 1943, to inquire into and report on the following matters:—

- (a) The organization of Australian rural economy for the purposes of the defence of the Commonwealth and the effectual prosecution of the war, including the efficiency of methods of production, distribution, and marketing of primary products, and the conservation, maintenance, and development of the natural resources of Australia; and
- (b) The re-organization and rehabilitation of the Australian rural economy during the post-war period.

The statements, which dealt with matters pertaining to water supply for domestic and stock and irrigation purposes in the country areas of Victoria, were prepared and submitted with relevant maps by the State Rivers and Water Supply Commission under the following titles :—

1. Water Supply Legislation and the Utilization of Water Resources (L. R. East, Chairman, and T. A. Lang, Research Engineer).
2. Irrigation and Waterworks and Other Districts—Statistics (T. A. Lang, Research Engineer).
3. Rates and Charges—Production Costs and Land Values (L. R. East, Chairman, and H. C. Valentine, Chief Valuer).
4. Problems and Opportunities (L. R. East, Chairman, and T. A. Lang, Research Engineer).
5. The Preservation and Maintenance of Water Resources (H. Hanslow, Commissioner).

HOUSING.

As indicated in the last Annual Report, a statement embodying notes on the “Housing Problem” and other information regarding houses in the Victorian areas under its jurisdiction were prepared by the State Rivers and Water Supply Commission and submitted to the Commonwealth Housing Commission, which was appointed by the Commonwealth Government as part of the Ministry of Post-War Reconstruction.

COMMISSION'S WORKS.

The State Rivers and Water Supply Commission has prepared, at the request of the Deputy Works Co-ordinator for Victoria, detailed information in regard to works of the greatest urgency to be included in an Initial Post-War Works Programme, the estimated cost of which was not to exceed the total cost of two normal years' work.

Following approval by the Government, schedules were submitted of (a) Capital Works of Irrigation, Water Supply, Flood Protection, and Drainage, estimated to cost £4,846,150 involving the expenditure of £2,236,000 in the first year, and (b) Deferred Maintenance and Replacement Works amounting to £803,400, involving the expenditure of £220,000 in the first year.

Detailed plans for these works are well advanced and steps are now being taken for the preparation of plans for the Commission's main programme of works involving a further £20,000,000 to be carried out after the war. It is anticipated that these will include the construction of large reservoirs on the Goulburn, Loddon, Campaspe, and other Rivers, the enlargement of the Hume Reservoir, and the construction or enlargement of main arterial channels to enable irrigation development in Victoria to be practically doubled.

Schedules have also been prepared and approved of works to be carried out as a First Post-War Programme by Waterworks Trusts, Local Governing Bodies, and Sewerage Authorities in country centres operating under the supervision of the Commission. The works were classified in order of urgency and only those projects which could be commenced within six months were included. The estimated total amounts involved are—

Waterworks Trusts and Local Governing Bodies—£2,027,511.
Sewerage Authorities—£1,052,070.

LODDON UNITED WATERWORKS TRUST—ADMINISTRATION AND CONTROL.

The question of the enactment of legislation for the abolition of the Loddon United Waterworks Trust, referred to in previous Annual Reports, has been further advanced. It is anticipated that the necessary Bill, which will also provide for the re-constitution of the lands in the Trust District as Waterworks Districts under the direct control and management of the Commission, will be submitted to Parliament early in the 1944 Session.

COMMONWEALTH DEFENCE WORKS.

In addition to the hiring of plant, the preparation of reports, and the carrying out of numerous surveys, the Commission has undertaken a total of 111 separate services for the Commonwealth Departments of the Army, Air, Information, Munitions, Supply and Shipping, Interior, and Navy, and for the Army of the United States of America. These services were mainly works of water supply, drainage and sewerage for military camps and establishments, but involved also a number of installations of a specialized defence nature.

The total cost to the 30th June, 1944, including hire charges on the Commission's plant used, amounted to approximately £816,000.

IRRIGATION DEVELOPMENT.

1943-1944 Season.

As set out in other sections of this Report Appendices A and E, records were again broken in the quantity of water delivered and the area irrigated in the State. The latter figure reached a total of 665,244 acres, almost 10 per cent. more than the previous record of 606,757 acres in 1942-43. This remarkable increase, although partly on account of development in the new Murray Valley Irrigation District, was mainly due to greater volumes of water being available to districts than in previous dry years. The rainfall for four typical northern centres for the year averaged only 878 points as compared to the annual average of 1,320 points. There is little natural growth of pasture in localities with annual rainfalls of under 10 inches and, therefore, during last year the northern areas were almost entirely dependent on irrigation water to grow fodder for stock.

Fortunately the rainfall in the water storage catchment areas in the late autumn of 1943 was above the average and the season was commenced with full reservoirs on the Goulburn and Murray Systems.

The increase in the area irrigated was again mainly in pastures, although the dry season caused a number of farmers to grow supplementary crops of sorghum and millet.

Vegetable growing again showed the largest proportionate increase, this being due mainly to an extension of tomato production in the Goulburn Districts where approximately 3,250 acres of tomatoes were grown as compared to a pre-war figure of some 500 acres. In the Coliban District the areas planted to tomatoes increased from about 800 acres to 1,500 acres.

Soil Surveys and Investigations.

The report and relevant maps of the soil survey of the Shepparton District, which was carried out in conjunction with the Department of Agriculture, have now been completed and copies should shortly be available for distribution.

As the area already surveyed in the Murray Valley Irrigation District has been reticulated, the Commission has made representations regarding the completion of the soil survey of the additional lands proposed to be included in this district. Arrangements are also being made for a soil survey to be undertaken of the lands in the proposed Nambrook-Denison irrigation project between the Glenmaggie Reservoir and Heyfield.

Water has again been made available without charge for experimental and demonstration plots at the following schools—

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

The total quantity of water so made available is estimated at 60,000,000 gallons, equal to approximately 220 acre feet.

During the year the Commission has also continued to make water available at special reduced charges for the reclamation of salt affected lands in the Kerang, Cohuna, and Tragowel Plains Irrigation Districts.

District Advisory Boards.

These Boards again functioned in practically all the irrigation districts, and in the Cardinia Flood Protection District and the Carrum Drainage District. The assistance given by these Boards in dealing with the problems of the Districts is appreciated by the Commission.

Land Classification in Irrigation Districts.

During the year special investigations were made of applications for variations of water rights in the Cohuna, Koondrook, and Nyah Districts, and Appeal Boards constituted under Section 10, *Water Act* 1937, No. 4513, heard and determined appeals in the Deakin and Koondrook Irrigation and Water Supply Districts. It is interesting to note that, although the Act providing for the institution of these Boards was passed mainly with the object of providing an appeal for those who considered that water rights had been apportioned to land which they deemed unsuitable for irrigation, the majority of applications now received are appeals against the classification of land as unsuitable for irrigation and on which a water right is desired.

Competitions.

The Hanslow Cup Competition for the "Best Effort to Control Soil Drift on a Mallee Farm" (the inauguration of which was noted in the 1940-41 Report) was again conducted during the year. The continued generosity of a number of firms and authorities once more enabled cash prizes to be given for sectional competitions in the Mallee Shires.

In conjunction with the local Agricultural Society, competitions for "The Farm with the Most Efficient Use and Control of Water" and the "Best Areas of Pasture and Summer Fodder" were conducted in the Tragowel Plains Irrigation District.

Production.

The dry autumn previously mentioned provided excellent conditions for the dried fruit harvest and, although labour was not plentiful, a record Victorian crop of over 58,000 tons was grown. This is more than 1,600 tons above the previous record and approximately 16,000 tons over the pre-war average. This increase may be generally attributed to the beneficial effect of drainage in the Mildura Area, as the additional acreage coming into bearing is negligible. As would be expected in such a dry season the quality of the fruit was excellent.

The canned fruit industry was again handicapped through the shortage of labour, both in the orchards and the canneries. The yield of fruit was higher than in the previous season and, by extending the canning period and obtaining labour from other industries, a considerably larger pack was processed than last year. It is interesting to note that of the increase in the Australian pack over half was at the Kyabram Cannery, in the establishment of which the Commission took a leading part. For the first time over 10,000 tons of apricots, peaches, and pears were processed at Kyabram. To enable greater quantities of fruit to be held for processing, additional cool storage accommodation is being constructed at the Kyabram and Ardmona Canneries.

On the dairying side, irrigation has shown its value in that a recent survey indicated that the butter factories in the irrigation areas are the only ones which have maintained and even increased their production during the dry seasons. In this connexion the figures of the Northern Dairy Company Co-operative Ltd. at Tongala are interesting, the butterfat intake for the past five years being as follows:—

							lbs.
1939-1940	..	..	..	..	..	..	833,562
1940-1941	..	..	..	..	..	..	862,460
1941-1942	..	..	..	..	..	..	873,084
1942-1943	..	..	..	..	..	..	1,057,754
1943-1944	..	..	..	..	..	..	1,112,475

In the State Herd Test Championship, second place was filled by the herd of Mr. P. Maloney of Tongala and a number of other herds in irrigation districts occupied leading places in the various sections.

Dried Fruits and Citrus—Production.

The need for decision in regard to the development of citrus and dried fruit production is becoming increasingly urgent. The Commission is of opinion that the prospects of these industries should be thoroughly reviewed in the light of Government policy for the post-war development of primary industries, with a view to determining the extent to which and the rate at which expansion should be planned.

The full utilization of Victoria's share of the River Murray waters is in sight and, unless a decision is made in the relatively near future to apportion any additional water for the growth of dried fruits and citrus, it is probable that production of these crops will be restricted for all times as far as Victoria is concerned to the present areas.

Lands for Soldier Settlement Under Irrigation.

The Commission is of opinion that steps should now be taken for the acquisition of large compact areas of lands suitable for soldier settlement in the districts which will be supplied with water for irrigation from approved works of the Murray Valley and the Central Gippsland (Nambrook-Denison) projects. Very great advantages would accrue if such lands were acquired on a comprehensive scale so as to permit of their re-subdivision in accordance with contours and to enable roads and main distributary irrigation channels to be located on the most economical, efficient, and serviceable routes.

ADMINISTRATION.

DEATH OF FORMER COMMISSIONER.

The death of Mr. Ebenezer Shaw on 13th October, 1943, is recorded with deep regret. The late Mr. Shaw served the State as an Engineer with the Mines and Water Supply Department and the State Rivers and Water Supply Commission from 1899 to 1915 when he was appointed to the Commission as a Commissioner, a position which he held until his retirement at the end of 1932.

During the long term in which Mr. Shaw was associated with water supply in Victoria, great advances were made in the development of the State's water resources, and his ability as an engineer and his vision as an administrator substantially contributed to this progress. Mr. Shaw was associated particularly with the great Wimmera-Mallee domestic and stock water supply system.

COMMISSION'S HEAD OFFICE—ACCOMMODATION.

In the 1942-43 Annual Report reference was made to the urgent need for accommodation for the Head Office staff of the Commission. During the past year additional rooms comprising approximately 5,000 square feet of floor space in the main Public Offices in Melbourne have been made available to the Commission.

While the provision of the additional accommodation met the position as a temporary expedient, the Commission draws attention to the fact that, for the staff which will be required to carry on the comprehensive investigation and the construction of the irrigation and water supply proposals involving an expenditure of approximately £25,000,000 in the post-war years, much more accommodation will be necessary. The total space required for the various branches of the Commission's Head Office Staff, which are now widely spread, is estimated to be at least 40,000 square feet and it appears that this could be provided satisfactorily only by the erection of a new building designed for the purpose.

STAFF.

At the outbreak of the war in 1939 the Commission's staff comprised 333 professional and clerical officers. Up to the end of June, 1944, the number of officers who had joined the Navy, Army, and Air Forces totalled 192 (63 with commissioned rank), and 43 officers had been loaned for war work to Commonwealth and other Departments and the Army of the United States of America. Of these officers, 157 are still on service and 25 are still on loan.

The Commission desires to record its appreciation of the work of members of its staff during the war years. Additional responsibilities have been thrust on the staff following the enlistment and loan of many experienced officers and the efficient manner in which operations have been continued has been very gratifying.

The Commission records, with deep regret, the deaths during the past year of the following officers, viz.:—Mr. W. P. Rial, Assistant Engineer, Head Office; Mr. J. G. McMillan, Clerk, Head Office; and Mr. L. L. Lackman, Clerk, Cobram office.

Mr. W. F. Nevill, Divisional Engineer, Main Urban Supplies Division, Mr. C. T. Swanell, Works Superintendent, and Mr. D. Gibson, Surveyor, reached the statutory retiring age of 65 years in the last twelve months and retired from the Permanent Staff, and Mr. A. H. Swan, Assistant Chief Mechanical Engineer, retired on account of ill health. Mr. Swanell and Mr. Gibson have been re-employed in a temporary capacity.

Mr. J. M. Skene (previously retired) who had returned temporarily to occupy the position of District Engineer at Kerang during the early years of the war has resigned after 2½ years of additional service.

Brigadier C. Lawrence, Lieut.-Colonel R. G. Knight, M.C., Captain A. F. Ronalds, and Lieutenants R. H. Richmond and J. D. Lang have resumed their positions with the Commission at its request after duty with the Army.

Officers returned to the Commission from service overseas with the A.I.F. include Sapper A. R. McCallum, now Assistant District Officer at Cobram, and Gunner W. J. Horridge, now Revenue Officer at Cobram.

Mr. L. N. Welch, A.M.I.E., Aust., who had been on loan to the Commonwealth Department of the Interior, also resumed duty with the Commission and was later appointed Divisional Engineer, Waterworks Trusts and Sewerage Authorities Division, to fill the vacancy caused by the appointment of Mr. H. W. McCay as a Commissioner. In the interim, Mr. I. B. Hughes, Co-ordinator of Works, had acted temporarily as Divisional Engineer.

Other appointments made during the year include—Mr. H. Conradi, M.Am.Soc.C.E., Divisional Engineer, Main Urban Supplies Division; Mr. N. F. Godkin, A.M.I.E., Aust., Assistant Divisional Engineer, Wimmera-Mallee Division; and Dr. D. E. Thomas, Geologist. In addition, several members of the Professional Staff received promotions, and ten qualified Assistant Engineers, one Senior Engineering Surveyor, and two Licensed Surveyors as well as a number of Draughtsmen were appointed to the staff.

Mr. J. A. Aird, B.Sc., B.Agr.Sc., Dip.Com., Chief Irrigation Officer, is representing the Commission on an Inter-Departmental Committee consisting of representatives of the Departments of Agriculture, Lands, and Water Supply, and the Council of Agricultural Education, which has been set up in connexion with the Post-War Training in Agriculture of Discharged Servicemen.

Transfers of District Officers were made as follow, viz. :—Mr. F. M. Shaw, B.C.E., A.M.I.E., Aust, from Tongala to Camperdown as District Engineer and Secretary of Otway and Bellarine Peninsula Waterworks Districts; Mr. C. Gallop from Boort to Tongala as District Officer and Secretary; Mr. G. V. Adams, from Camperdown to Boort as Acting District Officer; Mr. R. I. Walsh, A.M.I.E., Aust., from Swan Hill to Kerang as District Engineer and Secretary; Mr. L. J. Scott from Pyramid Hill to Swan Hill as District Officer and Secretary; and Mr. R. R. McDowell, B.C.E., from Cobram to Pyramid Hill as District Engineer and Secretary.

For purposes of comparison a statement showing the numbers of officers on the Commission's staff in the years 1926 (when the Superannuation Act came into operation), 1939, and 1944 is set out hereunder :—

	1926.			1939.			1944.		
	Permanent.	Temporary.	Total.	Permanent.	Temporary.	Total.	Permanent.	Temporary.	Total.
Professional Officers ..	148	10	158	126	50	176	156	91	247
Clerical Officers	113	8	121	99	58	157	125	74	199
General	240	51	291	136	211	347	219	278	497
Totals	501	69	570	361	319	680	500	443	943
Percentage employed on Temporary Basis ..	12 per cent.			47 per cent.			47 per cent.		

The staff engaged on the comprehensive investigation of the water resources of Victoria and the design and arrangement of approved and proposed large irrigation and water supply undertakings to be put in hand in the post-war period has been substantially increased during the year, the total number of officers engaged in the Investigations and Designs Branch at 30th June, 1944, being 50 as against 11 twelve months previously.

The Commission must point out, however, that a total personnel of at least 90 officers is required in this Branch for the preparation of the necessary plans and estimates for the extensive programme of works proposed. In addition, an increased number of experienced officers with engineering and surveying qualifications will be required in preparing for the lay-out and construction of the works. It is estimated that, in addition to the existing staff, 161 technical officers comprising Civil Engineers, Mechanical Engineers, Surveyors, and Draughtsmen will be needed to carry out the design and construction of works already approved, and the clerical staff will have to be proportionately increased to cope with the administrative work involved. In this connexion the Commission draws attention to the difficulties which are being experienced in obtaining men qualified for this work.

HOUSING.

The Commission's Housing Branch supervises the maintenance of 257 staff houses and 26 District Offices, and, in addition, arranges with the Public Works Department for the erection of new buildings required for the Commission's use.

The erection of a residence for a Water Bailiff at Sebastian, mentioned in the last Annual Report as having been commenced, was completed.

In addition, during the year, new staff residences were built at Waranga Reservoir, Kooweerup, Nar-Nar-Goon, and Red Cliffs (2), and a commencement was made with the erection of residences at Garfield and Pyramid Hill and a further residence at Red Cliffs. The work is being done by day labour under the direct supervision of the Housing Branch, which Branch also supervised the carrying out of repairs and renovations to 166 residences and 16 District Offices.

A store was also erected at Point Lonsdale.

DISTRICT EXTENSIONS AND EXCISIONS.

Murray Valley Irrigation District was extended to include an area of 1,330 acres commanded by irrigation channels recently constructed.

An area of 750 acres, supplied from Pyramid Creek by private pumping plant, was excised from the Cohuna Irrigation District.

Wonthaggi, Mornington, and South Frankston Urban Districts were extended to include lands served by extensions of the respective reticulation systems. An area of 3 acres of high land, now supplied from the high level system of the South Frankston Urban District, was transferred to that district from Frankston Urban District.

An area of 110 acres commanded by the works of the Murtoa Waterworks Trust was excised from the Wimmera United Waterworks District and added to the Trust's District.

An area of 300 acres, comprising lands within Murrayville Township commanded by the works of the Walpeup Shire Council, was excised from the Walpeup West Waterworks District.

The Shepparton Drainage District was extended to include an area of 1,310 acres benefited by the Commission's drainage works.

PROPOSED NEW DISTRICT.

In response to requests by landholders, the Commission has agreed to extend the channel system to supply an area of 277 square miles east of the Avoca River with water for domestic and stock purposes. Steps are being taken to constitute this area a Waterworks district to be known as the Wychitella Waterworks District.

PART III.

WORKS CARRIED ON OR COMPLETED DURING THE YEAR.

WATER SUPPLY.

In Victoria the total area of lands supplied with water for domestic and stock purposes or for irrigation, excluding the metropolitan areas, amounted to 15,166,950 acres.

For the year 1943-44 rainfall in most areas was considerably below the average. In irrigation districts dry conditions prevailed throughout the season and water deliveries in the Goulburn and Torrumbarry Systems extended from 22nd July, 1943, until 31st May, 1944.

At the commencement of irrigation the total volume of water in the Commission's main storages, including Victoria's half share of Hume Reservoir and Yarrawonga Weir, was 1,493,738 acre feet as against a total capacity of 1,888,020 acre feet.

Although it was not necessary to impose restrictions on irrigation supplies in the districts of the Torrumbarry System, deliveries in the Goulburn were limited, towards the end of 1943, to one-fifth of water rights in 30 days, and sales of water in excess of water rights were on the basis of one-tenth of the quantity of water rights apportioned to individual properties. This limitation was necessary to ensure that some supplies would be available throughout the irrigation season. In several districts it was found that, as a result of such restrictions, the efficiency of the delivery of water on the land increased in some cases by as much as 5 per cent.

Despite the dry conditions throughout the season in the Goulburn and Torrumbarry districts full supplies of water were provided, the quantity delivered to lands in the Districts of the Goulburn System being 374,373 acre feet, 10,722 acre feet greater than the previous highest delivery in the year 1937-38.

In all irrigation districts and areas the total quantity of water delivered from the Commission's channels was a record one of 649,071 acre feet, including 54,630 acre feet by pumping for the Red Cliffs, Merbein, Nyah, and Tresco Districts. In addition, 40,036 acre feet were supplied to lands outside the boundaries of the Commission's districts, making a total delivery for irrigation for the year 1943-44 of 689,107 acre feet. With a further quantity of 27,635 acre feet of water for domestic and stock purposes, the total quantity delivered to landholders in irrigation districts amounted to the record of 716,742 acre feet.

The total quantity of water made available at headworks or at pumping stations for domestic and stock purposes during waterings in the year 1943 in Waterworks Districts was 105,334 acre feet. Of this quantity 76,910 acre feet, including 24,943 acre feet of Loddon and Goulburn water, were for the districts comprising the Wimmera-Mallee gravitation system, 2,870 acre feet for Normanville District, and 25,554 acre feet for Millewa, Coreena, Yelta, and Carwarp Districts which are supplied by pumping from the River Murray.

Returns of water delivered to individual Irrigation Districts for irrigation and other purposes in the year 1943-44, and of water released from headworks for the supply of Wimmera-Mallee and other Waterworks Districts for the year 1943 are included as Appendices to this Report.

At the 1st July, 1943, the Commission's main water storages, with a total capacity of 1,888,020 acre feet, contained 1,218,335 acre feet. At the termination of irrigation at 31st May, 1944, the total quantity stored was 950,635 acre feet, and this was increased to 1,073,170 acre feet at 30th June, 1944.

IRRIGATION SUPPLIES.

GOULBURN DISTRICTS.

A record supply of water for irrigation was made throughout the Goulburn Irrigation Districts for the Season 1943-44, when the total quantity delivered to the land amounted to 374,373 acre feet, including 15,113 acre feet for domestic and stock purposes. Over the latter half of the season it became necessary to regulate deliveries so that water supplies would be available throughout the irrigation period.

The volume of water released from Waranga Reservoir amounted to 652,726 acre feet, of which 271,167 acre feet were delivered to irrigators, and 6,502 acre feet were passed on to the Wimmera-Mallee domestic and stock channel system at Loddon Weir. The water delivery on the land throughout the Waranga System represented approximately 42.5 per cent. of the quantity released.

In the Rodney District it was necessary to replace with new concrete type structures a number of old timber installations which had reached the end of their useful life. Altogether, 3 main bridges, 9 checks and drops, and 9 pipe culverts were constructed, in addition to 15 meter outlets. A length of $4\frac{1}{2}$ miles of channel was desilted by means of a dragline excavator. These improvements to the channel system in Rodney District have decidedly benefited the water distribution service.

The Katandra District received an improved supply as a result of the increased waterway provided in the East Goulburn Main Channel.

In the Shepparton Centre there has been a large increase in the area devoted to tomatoes and peas for canning purposes.

Many additional meter outlets have been constructed, the cost being met by the landholders who desired the extra facilities for the convenience of irrigating their holdings. Subdivisions of private properties have been numerous and have involved channel extensions and the installation of structures, for which works the vendors have been responsible for the expenditure incurred.

LODDON AND TORRUMBARRY DISTRICTS.

Dry conditions again prevailed during the 1943-44 season, resulting in a continuous heavy demand throughout the Loddon and Torrumbarry Systems, but little or no difficulty was experienced in meeting all requirements.

As indicated in last year's Annual Report, certain works had been undertaken with a view to improving the efficiency of the Torrumbarry System, and portion had been carried out prior to the 1943-44 season. Of the works mentioned, the topping up of the levee banks, 5 miles in length, between the headworks on the River Murray and the concrete regulator on the Gunbower National Channel, some $3\frac{1}{2}$ miles downstream, has also been completed. This has made possible the dismantling of the headworks on the River Murray. As a result of these works, together with the snagging and the provision of two further openings in the concrete regulator previously carried out, a greatly increased supply can be made available from the river. In addition, the work of enlargement of the Contour Channel around the northern end of Kow Swamp was continued and good progress made.

The work of enlarging the Northern Main Channel in the Koondrook District and the Main Channel supplying the Swan Hill District has been continued by means of dragline excavators. Dragline excavators were also in operation in the Tragowel Plains, Boort, and Cohuna Districts, where many miles of channels have been reconditioned.

Repairs were effected to numerous channel structures, and many culverts, meter outlets and regulators were constructed.

Investigations involving the collection of survey and other information were carried out during the year, with a view to determining the practicability of further increasing the efficiency of the Torrumbarry System.

RED CLIFFS AND MERBEIN DISTRICTS.

As the winter and spring rains in these Districts were below average, the first irrigation was given earlier than usual; and, because of the dry conditions, a special watering for citrus was provided in July, 1943. The year was one of the driest experienced, the rainfall at Mildura being only 534 points, less than half of the average for the past seventeen years.

Although late frosts in October, 1943, caused heavy losses to some individual growers, the dried fruits produced in Red Cliffs and Merbein Districts aggregated 33,543 tons, only 457 tons less than the record crop of 34,000 tons in the year 1939-40. In 1942-43 the production was 31,985 tons and in the two preceding years 33,718 tons and 29,060 tons respectively.

On the water supply system, normal maintenance work was carried out, some outlets and stops were constructed, and new regulator gates were installed on the Main Channel.

In the Yatpool area 75 acres of lucerne and an additional 80 acres of vegetables and vegetable seeds under government contract were supplied with water by meter on a sales basis for irrigation, the depth of water used per acre being a reduction on previous years when no meters were installed.

As was expected with the dry conditions prevailing throughout the season, the amount of water pumped for irrigation reached a high figure, but was considerably less than in 1942-43, when an alarming record quantity of water was pumped. The respective figures for the seasons were :—

Red Cliffs District—

1942-43—48,809 acre feet—average depth per watering, 9.84 inches.

1943-44—43,999 acre feet—average depth per watering, 8.8 inches.

Merbein District—

1942-43—35,673 acre feet—average depth per watering, 9.5 inches.

1943-44—32,521 acre feet—average depth per watering, 8.7 inches.

The average quantities pumped in these Districts over the past seventeen years were :—

Red Cliffs—34,756 acre feet ;

Merbein—27,587 acre feet.

Particulars of the six irrigations given during the year 1943-44 are as follow :—

Watering.				Period.	Total Quantity of Water Pumped.	Area Irrigated.	Depth of Water Pumped per Acre Irrigated.
					<i>Acre Feet.</i>	<i>Acres.</i>	<i>Inches.</i>
<i>Red Cliffs District.</i>							
First	..	..	..	2.8.43- 31.8.43	6,660	10,967	7.3
Second	..	..	..	21.10.43-25.11.43	8,579	11,287	9.2
Third	..	..	..	6.12.43- 7.1.44	8,952	11,307	9.5
Fourth	..	..	..	10.1.44- 14.2.44	9,678	12,100	9.6
Fifth	..	..	..	20.3.44- 14.4.44	6,237	7,565	9.8
Sixth	..	..	..	27.4.44- 14.5.44	3,893	6,444	7.2
Totals	..	..	..	1943-44 Season	43,999	59,670	8.8 Average
<i>Merbein District.</i>							
First	..	..	..	9.8.43- 31.8.43	4,697	7,622	7.4
Second	..	..	..	25.10.43-17.11.43	5,780	7,864	8.8
Third	..	..	..	13.12.43- 7.1.44	6,809	7,857	10.4
Fourth	..	..	..	12.1.44- 7.2.44	6,976	9,716	8.6
Fifth	..	..	..	20.3.44- 14.4.44	5,714	6,691	10.2
Sixth	..	..	..	1.5.44- 14.5.44	2,545	4,466	6.8
Totals	..	..	..	1943-44 Season	*32,521	44,216	8.7 Average

* In addition, in Merbein District 505 acre feet of water were pumped for the special watering of 403 acres of citrus in July, 1943.

NYAH DISTRICT.

Although rainfall was generally below the average and some damage was done by frost a very good season was experienced in this District. The yield of dried fruits amounted to a record one of 3,352 tons as compared with 2,826 tons and 3,052 tons respectively in the previous two years.

Six waterings for irrigation and a special domestic and stock supply of 60 acre feet in March, 1944, were provided during the year. The total quantity of water pumped for irrigation in 1943-44 was 9,648 acre feet as against 9,047 acre feet in the year 1942-43, when only five waterings were taken. In the two preceding years 10,196 acre feet and 11,498 acre feet respectively in six waterings were pumped. The average depth of water pumped per acre irrigated in 1943-44 was 6.7 inches compared with 8.1 inches in 1942-43.

Particulars of irrigations given during the year 1943-44 are as follow :—

Watering.				Period.	Total Quantity of Water Pumped.	Area Irrigated.	Depth of Water Pumped per Acre Irrigated.
					<i>Acre Feet.</i>	<i>Acres.</i>	<i>Inches.</i>
First	..	..	..	19.8.43-7.9.43	1,661	2,882	6.9
Second	..	..	..	27.10.43-13.11.43	1,462	2,948	6.0
Third	..	..	..	1.12.43-19.12.43	1,621	2,928	6.6
Fourth	..	..	..	3.1.44-24.1.44	1,854	2,970	7.5
Fifth	..	..	..	2.2.44-21.2.44	1,660	2,871	6.9
Sixth	..	..	..	19.4.44-6.5.44	1,390	2,590	6.5
Totals	..	..	..	1943-44 Season	9,648	17,189	6.7 Average.

Only a limited amount of work was undertaken during the year in connexion with the drainage of the district ; the main approved scheme, as stated in previous Annual Reports, having been suspended owing to war conditions. The progress of the Nyah District will be retarded until the comprehensive sub-surface drainage scheme is installed.

Limited maintenance and renewal works on channels and structures were carried out.

MURRAY VALLEY DISTRICT.

Despite the shortage of manpower and of materials for internal subdivision of holdings, steady progress is being made with the development of this new District. The total area under intense culture during the past year was 15,001 acres, an increase of 6,582 acres on the year 1942-43, when 8,419 acres were watered. Particulars of the areas of the respective crops irrigated in the year 1943-44 are shown in Appendix E of this Report. Further areas are being prepared for irrigation and the Commission's survey staff has been taxed to its limit in providing the plans required by landholders for the laying out of their holdings.

The "drift or sink hole" leakage from channels of the Cobram System, referred to in the last Report, has persisted, but the sections which were treated with asbestos-cement sheeting and pug trenching are now satisfactory and provision has been made for further sections to be dealt with in a similar manner.

Channel construction work was resumed during the latter part of August, 1943, with the limited manpower available, and operations were confined to the building of structures in the Strathmerton No. 2 Area. During December, 1943, the extension of the channel system was commenced and rapid progress has been made with the construction of channels in the Strathmerton, Katunga, and Waaia areas. Since the resumption of channel construction in December, practically the whole of the earthworks in 34 miles of channels in the Strathmerton No. 2 Area in the parish of Strathmerton together with portions of Katunga No. 5 System have been completed, involving the excavation of nearly 500,000 cubic yards of material.

Work is proceeding on the construction of Nos. 5 and 6 Channel Systems and practically all sections of earthwork have been let by piecework contract east of the Numurkah-Strathmerton railway line.

Owing to the shortage of manpower there are about 45 miles of excavated channels with no structures and, unless additional men are available next year, the length of channelling without structures will be greatly increased.

It is anticipated that water will be available to an additional 7,000 acres during next Irrigation Season.

In an effort to keep "Skeleton" and other noxious weeds out of the District, the Commission itself has purchased and supplied chaff to all owners of horses engaged on its works.

In the whole Murray Valley channel system the construction has been completed to date of approximately 235 miles of main and spur channels, involving the excavation of over 4,500,000 cubic yards of earth, and the erection of hundreds of bridges, regulators, culverts, checks, siphons, and numerous other structures, all of steel and reinforced concrete design, in which 5,560 tons of cement and more than 850 tons of steel have been used. The expenditure on these works has been approximately £614,000 including £35,000 from Unemployment Relief Funds. The monthly average of men employed during the year varied from 20 to 120.

BACCHUS MARSH AND WERRIBEE DISTRICTS.

While it was necessary in these Districts to restrict the quantity of water available for delivery in excess of the full water right commitments, the supply provided was sufficient to maintain full production within the irrigation areas. The quantities made available to each District were in accordance with the decisions of the respective Advisory Boards.

Maintenance and repairs were confined to essential works only, and the experiment in coating the high level channel at Bacchus Marsh with tar to prevent the growth of blanket weed was, on the whole, successful.

Repairs to concrete lined channels have been carried out and generally the water distribution systems of both districts are in fair condition.

MAFFRA-SALE DISTRICT.

In this District the total rainfall for the twelve months under review was close to the average, but the summer was the driest on record, making the seventh dry year in succession.

Total water deliveries amounted to 29,688 acre feet, being 32 per cent. greater than the quantity of water rights apportioned to lands in the district.

The Bundalagwah seepage drain has been completed and provision made for an outfall of the No. 1 Channel to this drain.

The dry seasons have brought many applications from landholders to have their properties included in the irrigation district but, as mentioned in last year's Report, this is dependent upon the enlargement of the Main Northern Channel. Investigations on this proposal are proceeding.

GENERAL.

In addition to the main irrigation systems and districts beforementioned, supplies of water were made available for the irrigation of limited areas totalling 7,427 acres in the Coliban District and 3,154 acres in the Western Wimmera and Wimmera United Districts. Only those lands included in approved Registers of Lands for these Districts are supplied with water for irrigation.

Water, when available, was also supplied to small areas in the Carwarp Waterworks District and to areas outside the Bacchus Marsh District and Districts of the Goulburn System. Action is being taken to prepare Registers showing the areas authorized for irrigation.

TOWN SUPPLIES.

During the year the Government appointed a Committee, known as the Town Water Supplies Committee, to inquire into the town water supplies in country districts with a view to providing in all places adequate supplies of a satisfactory quality at a reasonable cost to the consumers.

Particulars as to the personnel, the terms of reference, and the progress of the Committee's inquiry to 30th June, 1944, are shown on page 11 of this Report.

COLIBAN SYSTEM.

Following the low rainfall in the catchment areas during the first half of the year 1943 the Coliban main storages, comprising the Upper Coliban, Malmsbury, Lauriston, and Spring Gully Reservoirs with a total capacity of 54,100 acre feet, contained only 33,107 acre feet of water on the 1st July, 1943. As a result of spring rains, however, additional quantities of water were obtained in the storages, the maximum quantity stored in the year 1943-44 being 50,635 acre feet on 21st October, 1943, but this was reduced to a total of 20,126 acre feet by 30th June, 1944.

Owing to the dry seasonal conditions necessitating more frequent waterings for orchards, and the increased acreage under tomatoes, the demand on the channel system was one of the heaviest experienced for some years. However, as a result of the large number of improvements to the main channel and distributaries carried out in recent years, the demand was satisfied without any great difficulty and with a better efficiency than hitherto, the quantity of water delivered to users from an output of 29,900 acre feet from the storages being 17,000 acre feet, approximately 57 per cent. Of the total of 10,834 acres of land registered 7,427 were under irrigation. In addition, owners of some small holdings of unregistered land, which in the aggregate amounted to 100 acres, were issued with special permits entitling them to a supply of water for the one season only for growing tomatoes for defence purposes.

As an Appendix to this Report a statement is published showing the quantities of water taken into and released from the main storages of the Coliban System, the quantities delivered to water users, and the percentages of efficiency of deliveries since the year 1935-36.

Difficulties occasioned by the shortage of manpower and the lack of material made it impracticable to undertake any but essential maintenance of the various reticulation systems in the district. The more important of these works included the replacement of 13 chains of old 12-inch diameter steel pipes in Barnard-street and 21 chains of old 3-inch diameter cast iron main in Rosalind Park, Bendigo, by asbestos-cement pipes of 12-inch and 4-inch diameter, respectively. In the Castlemaine district, 20 chains of 1½-inch diameter main in McKenzie-street and 20 chains in Vaughan-road were replaced by 4-inch and 3-inch diameter pipes. A new 4-inch diameter main was laid from the 8-inch diameter cement lined steel main in White Hills-road to Finn-street, a distance of 30 chains, to provide a supply of water for 25 new houses in Waratah-street, Bendigo.

Additional sections of the main channel between Malmsbury and the 18-mile junction, and also sections between 31 miles and 38 miles have been cleaned, and the necessary repairs to timber bridges and various other structures have been effected. At 2-miles and 2½-miles from where the Campbell's Creek race leaves the Poverty Gully race, two old spiral rivetted steel siphons, which carry important domestic and irrigation supplies, have been replaced by 15-inch diameter pipes of reinforced concrete.

On 20th January, 1944, a disastrous bush fire swept through the main channel reserve in the Parishes of Mandurang, Ravenswood, Sutton Grange, and Harcourt, destroying a number of timber bridges, culverts, overshoots, and telephone poles, and some 30 miles of wire-netting fence. Many obstructions, attributed to burning timber falling into the main channel, caused untimely interruptions in the distributary water supply system. The timber bridges and culverts have since been replaced by structures of modern design in reinforced concrete, while reinforced concrete posts, constructed at the Commission's works at No. 7 Reservoir near Bendigo, are being used to replace the ordinary timber posts. To date approximately 4,000 of these posts have been cast, and nearly 3,000 have been transported and erected on the boundary alignments of the reserve.

The Commission has endeavoured to continue the policy of installing water meters where they are considered necessary; and, during the year, 370 additional meters have been installed making the number now in operation in the Coliban district 4,200, which is 36 per cent. of the total water services.

During the past year, some development has been shown in the establishment of new industries at Bendigo. The presence of these and others contemplated is likely to have an effect in the water consumption in the future, and, in some instances, more particularly where the factories are situated on the outskirts of the city, it will be necessary to effect improvements to the reticulation. The Commission is aware of the situation and is giving consideration to the matter.

NEWSTEAD DISTRICT.

The local storages, which have a capacity of 35 acre feet and are filled by channel from the Jim Crow Creek, were maintained at full supply level until the end of December, 1943, thus enabling the water requirements of the township to be completely met. The question of additional storage to provide a more reliable supply during dry periods is receiving consideration. A limited amount of maintenance work to the channel was carried out and a number of dilapidated timber culverts were renewed in concrete pipes.

MORNINGTON PENINSULA DISTRICT.

Improvements and extensions of the reticulation systems were carried out in various urban districts.

The replacement of the old wood pipe main in Barkly-street, Mornington, with a 12-inch diameter reinforced concrete pipe was completed and a greatly improved supply is now available at Mornington and Mount Martha.

It is intended to proceed with the enlargement of portion of the inlet pipe line to the Dandenong Reservoir. The section from Gladstone-road to the reservoir, now a 12-inch diameter main, is to be replaced with 24-inch diameter reinforced concrete pipes. These pipes are in course of manufacture.

The 15-inch diameter main pipe line from the Frankston Reservoir is now too small to supply present water requirements and tenders are being invited for the supply of 21-inch diameter pipes in order to effect the necessary enlargement. The completion of this work will enable a more satisfactory supply to be given to the area served.

The quality of the water supplied to the Carrum and Spring Vale areas from the Lysterfield system was further improved by the introduction of concrete distributary channels at the Hallam treatment basins, thus giving a more even distribution of the flow through the basins.

Since the outbreak of the war the quantity of water delivered for market gardening has approximately doubled, the principal development being in the Spring Vale area where the revenue derived from sales of water has increased from £548 in the year 1935-36 to £6,469 in 1943-44. The figures for each year in this period are as follow, viz. :—

Year.	Revenue from Water Sales.	Year.	Revenue from Water Sales.
	£		£
1935-36	548	1940-41	4,220
1936-37	1,747	1941-42	4,506
1937-38	1,473	1942-43	6,038
1938-39	3,487	1943-44	6,469
1939-40	4,995		

As the capacity of the supply works is now fully taxed, the Commission has had to refrain from extending the water supply reticulation in further areas and from permitting new tappings for market garden purposes. The enlargement or duplication of the pipe lines to enable additional supplies to be provided will be a question for consideration when materials and labour become available.

OTWAY DISTRICT.

A total rainfall of 85.92 inches was registered at Wyelangta in the Arkins Creek catchment and ample supplies of water to meet all requirements of the Urban Districts and services connected to the Otway System were available throughout the year.

The consumption of water in the City of Warrnambool was 241,800,000 gallons, an increase of 25,243,000 gallons over the previous year. The quantities of water supplied, by agreement, since the initiation of this system in 1939 have been as follow :—

Period.	Gallons.
1st November, 1939 to 30th June, 1940	147,500,000
1st July, 1940 to 30th June, 1941	214,750,000
1st July, 1941 to 30th June, 1942	219,815,000
1st July, 1942 to 30th June, 1943	216,500,000
1st July, 1943 to 30th June, 1944	241,800,000

The reticulation at the township of Allansford was further extended by the laying of 13 chains of 4-inch diameter asbestos-cement main along the Princes Highway.

BELLARINE PENINSULA DISTRICT.

At the Wurdee Boluc Reservoir reserve, extensive damage was caused by bush fires during the year to fencing and to pine seedlings planted in the previous year. More than 3 miles of fencing were also destroyed along the reserve of the Wurdee Boluc Outlet Channel. Repairs to this fencing were immediately commenced and the replanting of the seedlings is also in hand.

The pine plantation at the Bellarine Basin was further extended and it is anticipated that the whole of the reserve will be fully planted during the coming season.

The erection of a new storeroom and storeyard at the Turncock's residence at Point Lonsdale was completed.

An increase in the demand for water from the Bellarine System for the requirements of Geelong was maintained. A total of 747,364,000 gallons (2,745.13 acre feet) was supplied during the period 1st July, 1943, to 30th June, 1944. The quantities supplied by agreement to the Geelong Waterworks and Sewerage Trust each year since the inception of the system in 1929 have been as follow, viz. :—

Period.	Gallons.	Acre Feet.
7th May, 1929 to 30th June, 1930	273,512,000	1004.65
1st July, 1930 to 30th June, 1931	310,077,000	1141.26
1st July, 1931 to 30th June, 1932	251,060,000	922.16
1st July, 1932 to 30th June, 1933	332,703,000	1221.45
1st July, 1933 to 30th June, 1934	385,648,000	1415.93
1st July, 1934 to 30th June, 1935	433,619,000	1592.72
1st July, 1935 to 30th June, 1936	496,789,000	1824.75
1st July, 1936 to 30th June, 1937	584,214,000	2145.88
1st July, 1937 to 30th June, 1938	603,608,000	2217.11
1st July, 1938 to 30th June, 1939	639,626,000	2349.40
1st July, 1939 to 30th June, 1940	580,279,000	2131.43
1st July, 1940 to 30th June, 1941	583,653,000	2143.43
1st July, 1941 to 30th June, 1942	720,971,000	2648.20
1st July, 1942 to 30th June, 1943	717,610,000	2635.87
1st July, 1943 to 30th June, 1944	747,364,000	2745.13

Satisfactory supplies were provided in all Urban Districts connected to the system during the year.

Plans for increasing the capacity of the outlet channel from Wurdee Boluc Reservoir have been prepared but the carrying out of the work has had to be deferred on account of the scarcity of labour and materials resulting from war conditions.

WONTHAGGI DISTRICT.

Water supplies to the State Coal Mine and the townships of Wonthaggi, North Wonthaggi, and Hicksborough were satisfactorily maintained. In the summer months, this entailed continuous pumping for a period of five weeks and intermittent pumping for a further eighteen weeks.

WIMMERA-MALLEE AND OTHER TOWNS.

The 37 pipe reticulated townships connected to the Wimmera-Mallee domestic and stock supply system received full supplies of water during the year and, in addition, bulk supplies of water were provided to the towns of Horsham, Murtoa, Warracknabeal, Donald, and Charlton, the reticulations of which are controlled by local Waterworks Trusts.

Continuous supplies were maintained in the urban reticulation system of Carwarp, Merbein, Meringur, Nyah, Nyah West, Piangil, and Werrimull, the water being pumped from the River Murray through the adjacent rural waterworks or irrigation districts.

In order to undertake the supply of water to the new Grain Alcohol Distillery at Warracknabeal, a 24-inch diameter reinforced concrete main, 2 miles 16 chains long, was laid to the township of Warracknabeal, from which point a 15-inch diameter reinforced concrete main was extended to the distillery.

Essential maintenance was carried out in all urban districts and some renewals of mains were undertaken at Patchewollock and Ultima, the total length being 43 chains. Short extensions of mains to provide a supply to tenements not previously served were made at Red Cliffs.

At the meter depot at Murtoa, 275 Commission meters were repaired as well as 57 for local authorities, and 17 for private owners. In addition 122 meters were converted from inferential to positive type. The operations of this depot have enabled a large number of meters to be kept in good condition and have resulted in an appreciable increase in revenue from sales of water throughout the area.

In the townships served from the Commission's Goulburn, Loddon, and Torrumbarry Systems, full supplies of water were provided. At Stanhope the new pumping plant installed last year is giving satisfaction.

Improvements have been effected in the supply at Corop and minor repairs and maintenance works were carried out at Stanhope, Lockington, Pyramid Hill, Mitiamo, Cohuna, and Lake Boga.

At Koondrook a commencement was made with the replacement with larger pipes of old mains now inadequate to meet water supply requirements.

DOMESTIC AND STOCK SUPPLIES.

WIMMERA-MALLEE SYSTEM.

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

Owing to extremely dry conditions during the year, the run-off from the catchment areas to the headworks reservoirs was small and, at the end of the domestic and stock watering in 1943, the volumes held had decreased to such an extent that barely sufficient water was available for the 1944 watering now in progress. The conditions so far experienced in 1944 are the worst since the 1902 drought and it is estimated that only about 15,000 acre feet of water will be available by April, 1945, for the commencement of the next season's watering, the completion of which must in the circumstances depend on favourable conditions being experienced. The total capacity of the main storages of the Wimmera-Mallee system is 192,700 acre feet.

During the year under review supplies were maintained for the limited irrigation areas in the vicinity of Horsham and Murtoa. These irrigation supplies are provided under special conditions and are available normally only to lands specified in registers for the districts. The total area irrigated for 1943-44 was 3,154 acres requiring the release of 13,847 acre feet from the storages for the watering of some 1,190 acres of orchards and vineyards, 1,490 acres of pastures and fodder crops and 470 acres of market gardens, including a small area for vegetable seeds.

In the 1940-41 Annual Report a statement was inserted showing the amounts expended on cleaning sand drift from the channels of the Wimmera-Mallee System during each financial year from 1928-29 to 1940-41 and each calendar year from 1929 to 1940, the average annual expenditure being £72,164 (financial year) and £71,395 (calendar year). In the subsequent years the cost of sand cleaning in this system has been as follow, viz. :—

Financial Year.	Amount.	Calendar Year. (Watering Year).	Amount.
	£		£
1941-42	78,048	1941	87,497
1942-43	72,247	1942	78,538
1943-44	70,846	1943	62,547

The smaller amount expended in the past year was due to the favorable season experienced in the previous year. However, the problem of sand drift in channels is still acute and the expenditure during 1944-45 is expected to show a very considerable increase as a result of the drought conditions now being experienced. It is evident that the average expenditure on sand removal is gradually increasing owing to higher labour costs and also to the incidence of sand drift becoming more widespread. Apart from sand drift removal some 950 miles of main and distributary channels were cleaned out to restore their full capacities and remodelling of certain main channels in the Western Wimmera and Wimmera United Districts was put in hand, the full extent of labour available being employed. The work has resulted in the more efficient distribution of water in the areas concerned.

Other works throughout the districts were confined to essential maintenance and repairs to structures. Twelve public tanks were cleaned out to provide water for travelling stock and for carting.

Investigations and surveys have been made for a proposed domestic and stock water supply for the Wychitella area of 277 square miles between Charlton and Korong Vale by an extension from the Charlton Channel system. The works provide also for the supply of water in bulk for the Wedderburn and Korong Vale Waterworks Trusts. The main supply channel will be of 15 cusecs capacity and 70 miles in length and, in addition, some 80 miles of distributary channels are required. A reinforced concrete pipe siphon, 36-inches diameter and 112 chains long, is necessary to convey supplies across the Avoca River.

This proposal was the subject of an inquiry by the Parliamentary Public Works Committee and reference thereto is made on Page 10 of this Report.

In Swanwater West district, surveys have been made for the provision of water for domestic and stock purposes to an area of 42 square miles—some 29 miles of channels are involved in this proposal.

Both these projects have been approved and their construction will be undertaken during the coming year if conditions permit. The present shortage of chaff will retard the carrying out of earthwork by horse teams.

It is proposed to constitute a new district for Wychitella and to add the Swanwater West area to the Wimmera United Waterworks District.

Statements showing (1) the quantities of water supplied from the headworks of the Wimmera-Mallee domestic and stock supply system over a number of years, and (2) the periods of recent annual waterings of the areas served from this system and from the River Murray are included as Appendices to this Report.

SYSTEMS SUPPLIED FROM RIVER MURRAY.

The usual annual supply of water for domestic and stock purposes was given to the Carwarp and Carwarp Central Waterworks Districts, which are connected to the Red Cliffs irrigation system. Water for Carwarp Central District is pumped from the channels of the Carwarp District.

The usual supply of water to the Yelta Waterworks District was provided through an extension of the Merbein Irrigation District channels made for that purpose.

To provide the service in the Coreena Waterworks District, supplied by pumping from the River Murray, it was necessary to run the auxiliary pumping plant on the river as well as the main plant. The Millewa and Millewa Central Districts received full supplies and, in addition to the requirements of the townships of Werrimull and Meringur, the grazing areas adjacent to these Districts were supplied with water on a sales basis. Water is pumped for these districts from the River Murray through four pumping stations, the maximum total lift being 280 feet to the Millewa Central District.

OTHER DOMESTIC AND STOCK SYSTEMS.

In Walpeup West District, which extends from Underbool to the South Australian Border near Murrayville, water is provided for public use by over 100 bores maintained for the purpose by the Commission. This is the only District depending on underground water for its supply. Essential maintenance and some renewal of equipment were carried out during the year. Arrears of maintenance work, however, are accumulating on account of the difficulty of obtaining galvanized iron for tanks and other materials in the present abnormal conditions brought about by the war.

Water was run to provide the usual domestic and stock supplies from channels in the Werribee Waterworks District.

The annual supply of water for filling dams in the Normanville Waterworks District was provided and the work of extending the Barraport Channel to serve additional lands was commenced. The area so benefited will be included in the constituted District. To prevent wastage of supplies, the Commission is confining the watering of this District to the late winter and early spring months of each year. The landholders have been advised of the necessity of constructing storages on their properties of a capacity sufficiently large to adequately meet their requirements each year.

MAIN PUMPING STATIONS.

The main pumping stations operated by the Commission are situated near or on the River Murray to provide water supplies to the important irrigation districts of Red Cliffs, Merbein, Nyah, and Tresco, and the Millewa, Yelta, Carwarp, and Coreena Waterworks Districts. There are, in addition, numerous plants used for pumping water in other Waterworks Districts in the central and western gravitation areas to lands above the normal flow level. Water supplies in many townships also involve pumping.

In December, 1943, a new 1000 K.W. capacity turbo-alternator was received from overseas and, with its installation at the Red Cliffs Power Station, the final stage of the Red Cliffs-Merbein electrical scheme was completed. As mentioned in previous Annual Reports, this scheme was undertaken in three stages but finalization was delayed by more than two years by conditions brought about by the war.

The replacement of two of the six aged boilers installed at the Red Cliffs Power Station in 1921 is proceeding. All materials are at the site and erection is in progress. The work of reconditioning and replacing further boilers will be put in hand as conditions permit.

In June, 1944, a conference convened by the Honorable J. G. B. McDonald, M.L.A., Minister of Water Supply and Electrical Undertakings, was held in Melbourne to consider the best means of meeting the present and future power requirements of Mildura and the surrounding districts. The Mildura City Council, the First Mildura Irrigation Trust, the State Electricity Commission of Victoria, and the State Rivers and Water Supply Commission were represented at the conference, following which, the State Electricity Commission has been asked to undertake, in conjunction with other Authorities concerned, a comprehensive investigation into the present and future power requirements of the region centered on Mildura and to prepare a detailed report as to the best means of meeting these requirements, particularly the urgent needs of the First Mildura Irrigation Trust, special reference to be made to the question of the desirability or otherwise of establishing a central power station.

At the Red Cliffs Power Station sufficient quantities of black coal and briquettes were obtained to enable a full season's watering to be provided but there was no margin for a reserve stock, the deliveries being only sufficient to meet the consumption from time to time.

At the remaining major pumping stations at Millewa, Nyah, and Tresco the fuel position has improved considerably as a result of the firewood cut under arrangement by district settlers; and by 60 ex-internees established in two camps—one at Yarrara Forest near Werrimull in the north-west, and one on private property at Haysdale, near Natya, central north. Particulars of these arrangements were published in last year's Report. As a result of the operations the following quantities of firewood were cut, viz. :—

Settlers—

Yarrara (Millewa)	..	..	..	..	849 tons
Nyah	..	..	..	..	1,382 tons
Tresco	..	..	..	..	1,337 tons

Ex-Internees—

Yarrara (Millewa)	..	..	..	..	25,768 tons
Haysdale (for Nyah and Tresco)	..	..	..	..	15,022 tons.

The ex-internees were released at the end of 1943 for return to their original employment. When all deliveries have been made the firewood so cut and the limited supplies obtained by local contract will equal two normal years' supply at Millewa and approximately three years' supply at Nyah and Tresco.

For cartage of the wood from the forests to the pumping stations the Commission purchased six 4-ton motor trucks (four for Yarrara and two for Haysdale) and transferred one 3-ton truck to Tresco. The balance yet to be carted is approximately 12,600 tons from Yarrara and 3,000 tons from Haysdale.

At the smaller pumping stations the season's firewood requirements were supplied by local contractors.

MURRAY WORKS AND MAIN STORAGES.

MURRAY WORKS.

Hume Reservoir.

(Capacity 1,250,000 acre feet).

The plantations around the dam were maintained during the year and are in a satisfactory condition. New ornamental trees were planted at the toe of the bank. All parts of the embankment were carefully maintained.

Yarrawonga Weir.

(Capacity 95,120 acre feet).

Eight of the ten gates were painted on back and top. The protective work done on the Victorian bank of the lake near Yarrawonga township has been only partially successful. Further erosion has taken place and is receiving attention.

The weir was maintained at approximately one foot below full supply level for the greater part of the year, being lowered at times for repair work.

Torrumbarry Weir and Lock.

(Capacity 28,900 acre feet).

The weir was withdrawn on 26th September, 1943, and replaced on 16th October, 1943. A number of drop bars was straightened by dressing and a hydraulic ram was installed for water supply purposes on the Victorian side.

The weir held water to full supply level during the irrigation season.

Mildura Weir and Lock.

(Capacity 29,360 acre feet).

The weir remained in position during the year and water was maintained at full supply level. Additional plantings of trees, shrubs, and grass were carried out.

MAIN STORAGES.

COLIBAN SYSTEM.

Malmsbury Reservoir.

(Capacity 14,400 acre feet).

The gates and embankment were satisfactorily maintained.

Matured pine trees in the reservoir plantation were felled and sold, and preparations have been made for replanting the area.

Lauriston Reservoir.

(Capacity 12,000 acre feet).

Maintenance works necessary to keep the reservoir in good condition were carried out during the year.

Upper Coliban Reservoir.

(Capacity 25,700 acre feet).

Matured pine trees in the reservoir reserve and hill plantations, were felled and sold, and preparations have been made for replanting the areas.

Eppalock Reservoir.

(Capacity 1,200 acre feet).

The works were carefully maintained during the year.

GOULBURN STORAGES.

Eildon Reservoir.

(Capacity 306,000 acre feet).

General maintenance was carried out during the year and the works are in a satisfactory condition.

Boring and shaft sinking in order to obtain information concerning materials for embankment construction and foundations of a proposed spillway have been carried out in connexion with the investigations for the enlargement of the reservoir.

Goulburn Weir.

(Capacity 20,700 acre feet).

The control gate in the turbine well at the east end of this structure was repaired and is now in a satisfactory condition. Work carried out for passing high river flows has been effective and has removed one of the main causes of scouring of the bed and the banks of the river downstream of the weir. Painting of the gearing and parts of the structure, where necessary, was also carried out.

Waranga Reservoir.

(Capacity 333,400 acre feet).

Maintenance repairs to the downstream face of the bank by bringing in filling, and to the upstream face by concreting holes in beaching were carried out. A further section of the tramline along the crest was relaid. Planting of grass on the downstream face of the bank was continued.

GLENMAGGIE RESERVOIR.

(Capacity 104,500 acre feet).

The works have been well maintained.

LAANECORIE RESERVOIR.

(Capacity 6,650 acre feet).

One main gate and one minor gate have been removed to be repaired and also to be used for patterns for new gates being made in Bendigo. The gap thus left in the row of gates has been temporarily boarded up to hold water should the reservoir fill.

WERRIBEE AND BACCHUS MARSH STORAGES.

Pykes Creek Reservoir.

(Capacity 21,000 acre feet).

Repairs to the upstream facing of the bank were carried out. All works have been well maintained during the year.

Melton Reservoir.

(Capacity 19,100 acre feet).

The spillway gates were painted where necessary. All works have been well maintained.

LITTLE MURRAY WEIR AND BENJEROOP WEIR.

Both structures have been maintained in a fairly satisfactory condition, but it will be necessary to carry out extensive overhauling as soon as circumstances are favourable.

WIMMERA STORAGES.

(Capacity 176,200 acre feet).

These works, comprising the main storages at Wartook Reservoir, Fyans Lake, Lake Lonsdale, Pine Lake, and Taylors Lake, have been maintained during the year.

Rocklands Reservoir.

Work has consisted of supervision and transfer of stores and plant. Construction work ceased on 28th February, 1942.

GOULBURN MAIN CHANNELS.

Goulburn-Waranga Main Channel.

The leak, referred to in the last Report, on this channel at 5 miles 40 chains was repaired during the year. The work consisted of building a coffer dam around the location and digging out and pugging the leak with selected material to a depth of 15 feet below the level of the channel bed, and necessitated the closing off of water while the operations were being carried out. A complete seal was effected and the leak stopped. Another leak occurred at 2 miles 23 chains and this was cut off by a pug trench.

The drying out of the channel had a beneficial effect as ribbon weed growing in the bed was burnt off by frosts, and the channel has since carried a record volume of water between the Goulburn Weir and Waranga Reservoir.

Waranga Western Main Channel.

This channel was shut off after the end of the watering season and repairs were effected to a hole in the apron at the Major Outlet, which appeared to have been caused by the use of explosives. Repairs were also made to the slumps in the main cutting of the channel and beaching along the high-water level was replaced.

An automatic type recorder has been installed to replace the old instrument at the measuring weir at 0 miles 40 chains along the channel.

The hydraulic condition of this main channel has been improved as a result of the burning off of ribbon weed by autumn frosts.

East Goulburn Main Channel.

A leak occurred in one of the tubes of the Honeysuckle Creek siphon. Water was pumped out and an inspection made but, owing to the seasonal conditions, it was possible to effect temporary repairs only. Facilities were provided, however, so that, in the event of further trouble, the damaged tube could be cut out and all water be passed through the other tube of the structure.

The widening of the check at "Chessel's" carried out last year proved of great benefit in facilitating supplies to the district beyond the Broken River.

NEW IRRIGATION AND WATER SUPPLY PROPOSALS.

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

Work was also carried out by the Branch on the preparation of designs for water supply, sewerage and drainage installations of military establishments in Victoria.

To deal with projects connected with post-war developmental schemes the staff of the Branch has been greatly increased, but still further increases will be necessary before the Branch can deal adequately with the complete post-war programme which is contemplated by the Commission.

Descriptions of the more important work of the Branch are detailed hereunder :—

WATER RESOURCES INVESTIGATION.

Broken River.

The water resources of the Broken River are being examined in connexion with supplies to rural areas in the Shires of Benalla, Shepparton, and Tungamah. To date the investigation has covered an examination of the history of water utilization in the area as well as of the various conservation schemes proposed during the last 60 years, and has included a detailed hydrologic investigation of the catchment area.

Campaspe River.

An investigation was commenced into the possibilities of greatly enlarging the Eppalock Reservoir and of providing an assured irrigation supply to lands in the Campaspe Irrigation District which comprises some 20,000 acres commanded from the existing weir in the Campaspe River south of Rochester.

Goulburn River.

A comprehensive investigation into the utilization of the Goulburn River waters has been completed.

At present only about 37 per cent. of the average annual flow of the Goulburn River at Murchison can be utilized from the existing storage facilities which are fully taxed to meet commitments.

The investigations show that storage of 2,350,000 acre feet of water would be practicable, thus making use of 69 per cent. of the river flow if the additional storage were provided at the site of the existing Eildon Reservoir of 306,000 acre feet capacity.

It would appear that an earth dam at that site of considerable magnitude, approximately 250 feet high and some 3,500 feet in length and involving the placing of 12,000,000 cubic yards of earth and rock fill, located immediately downstream of the existing structure would present the greatest advantage from the point of view of cost.

A detailed geological examination of the Eildon site has been carried out and good progress has been made with the preparation of drawings of different arrangements of the dam, spillway, and river diversion tunnels for presentation in alternative preliminary designs.

Loddon River.

As a further stage of the utilization of the waters of the Loddon River, the investigation into the provision of a main storage was undertaken. This culminated in the presentation of a detailed report to the Parliamentary Public Works Committee setting forth the possible reservoir sites and capacities together with alternative designs and estimates of cost for various types of dam and recommending the construction of a dam to impound 120,000 acre feet of water at the Cairn Curran site.

The following table gives a summary of the estimated costs based on preliminary designs for such a dam:—

	Earthern Dam.	Concrète Dam. (Mass Gravity Type.)
Reservoir Capacity	120,000 acre feet	120,000 acre feet
Annual Regulated Outflow	52,500 acre feet	52,500 acre feet
Estimated Costs—		
Capital	£1,231,000	£1,314,000
Annual (4½ per cent. of capital)	£55,395	£59,130
Cost per acre foot of Annual Regulated Outflow—		
Capital Cost	£23·45	£25
Annual Cost	21s. 1d.	22s. 6d.

The possibility of constructing minor storages on the tributaries of the Loddon River will be the subject of further investigation, and surveys of the Deep or Tullaroop Creek, which is one of the main tributaries, are well advanced to determine the practicability of building a storage sufficiently large to meet the growing needs of the town of Maryborough.

*River Murray.**Hume Reservoir.*

In connexion with the proposed enlargement of the capacity of the Hume Reservoir, stability calculations were made of the dam whilst subjected to pore pressures indicated by apparatus installed in the heart of the embankment.

Plans and estimates of three alternatives for the control of Tallangatta Creek and of a causeway and bridge crossing from the railway to the new Tallangatta town site were prepared.

Torrumbarry System.

The Torrumbarry Irrigation System, comprising the districts of Cohuna, Kerang, and Swan Hill has, since the completion of the Torrumbarry Weir in 1923, enjoyed an abundant gravitation water supply from the River Murray.

It has now become necessary to take steps to improve the efficiency of this system by eliminating seepage and evaporation losses, and wastage due to obsolete structures.

The comprehensive investigation of the whole system was continued with a view to constructing main channels to by-pass the Kerang Lakes and to replace the present carriers comprising the Pyramid and Gunbower Creeks; enlarging existing mains; constructing main channels on new routes to connect with the western portion of the area; and re-locating channels or feeders between the main channels of adjacent systems.

An analysis of the existing water distribution practice was carried out, and an extensive gauging programme instituted to ascertain the apportionment of irrigation waters throughout the district.

Werribee River.

The investigation of the storage possibilities of the Werribee River was resumed and consideration was given to the practicability of effecting an increase of 3,000 acre feet in the storage capacity of the system by the installation of flood gates on Pykes Creek Reservoir, and to improving diversion facilities at the inlet tunnel feeding the reservoir from the Werribee River.

Preparations were made for exhausting the possibilities of the Werribee River system by the investigation of the upper reaches of the Werribee and Lerderderg Rivers, and these steps were implemented.

Seven Creeks, Euroa.

Proposals submitted by the Euroa Shire Council for domestic and stock supplies to about 300 square miles of flat country north and west of Euroa are being investigated.

SCHEMES UNDER DEVELOPMENT.

Murray Valley Irrigation.

This project is for the supply of water to an area of approximately 400,000 acres which extends westerly from the Parish of Boosey to Barmah, bounded on the north and south by the River Murray and the Broken Creek respectively.

A total area of approximately 100,000 acres comprising the Parishes of Boosey, Katamatite, Cobram, Naringaningalook and parts of Yarroweyah, Strathmerton, and Katunga has already been provided with an irrigation supply and constituted as the Murray Valley Irrigation District.

The investigations and designs were continued during the year for extensions to the irrigation channel system in a westerly direction to provide service to lands extending from the River Murray to the Broken Creek in the Parishes of Strathmerton and Katunga.

Plans were prepared for extensions to the channel systems amounting to 75 miles of Mains and Laterals, and involving the excavation of 1,102,000 cubic yards of earthworks. No fewer than 592 channel and control structures and road and occupation crossings of various types in reinforced concrete and steel were designed and located.

The estimated cost of this section is £217,000, and the works entailed will enable irrigation supplies to be given to a further 190,000 acres of the Murray Valley Area.

The irrigation layout has been designed with the drainage of the whole area in view, and this has involved the provision of siphons and subways where drainage lines cross irrigation channels. Alternative schemes for carrying off surface drainage were prepared for study.

Nambrok-Denison Irrigation.

The waters of the Thomson and Macalister Rivers in Gippsland are to be utilized for the irrigation of an area of land comprising 8,000 acres in the Parish of Tinamba and 60,000 acres south of the Thomson River in the Parishes of Winnindoo and Denison.

The proposals embrace a complete channel system capable of being supplied either from a diversion weir to be constructed on the Thomson River from which the Cowwarr channel will take off, or from the Glenmaggie Reservoir through a main channel tapping the existing Southern Main Channel of the Maffra-Sale Irrigation area and crossing the Thomson River in a siphon to connect with the Cowwarr main. In addition to this, provision is being made in the location of the works for a domestic and stock supply to the Toongabbie area.

Preliminary designs for the weir at the lower end of the Thomson Gorge near Cowwarr have been completed, and an extensive investigation of the foundations by boring has been carried out. The take-off channel will comprise a tunnel, bench flume, and earthen channel of 250 cubic feet per second capacity. This was located, grade determined, and test bores sunk throughout the length.

A topographical survey has been completed of portion of the area and is being continued. Geological investigations were made in conjunction with the Director of Geological Survey who was also consulted in reference to possibilities for a storage on the Thomson River.

The design of Spillway Gates for the Glenmaggie Dam was commenced.

Glenelg River—Domestic and Stock.

The object of this scheme, which was under construction prior to the outbreak of the war, is to conserve the flow of the Glenelg River at Rocklands Dam near Balmoral and convey water as required by means of a diversion channel to the Taylors and Pine Lakes storages serving the Wimmera-Mallee channel system. The preparation of detailed plans was continued during the year.

TOWN SUPPLIES AND OTHER PROPOSALS.

Bellarine Peninsula District.

Designs were completed for enlarging the capacity of Wurdee-Boluc Outlet Channel to meet the increasing needs of Geelong and of the towns in the Bellarine Peninsula.

Warracknabeal.

Plans for the conversion of the channel from the Whitton Storage to Warracknabeal to a 24-inch diameter reinforced concrete pipe line and of alterations to the offtake regulator were completed during the year.

Dimboola.

Plans and estimates are being prepared for a weir to replace the timber structure constructed near the Township of Dimboola in 1904 and which had been damaged by floods. This weir impounds 700 acre feet of water which is pumped for the irrigation of holdings along the banks of the river. The possibility of increasing the capacity of this pondage to 1,400 acre feet by raising the full supply level is being considered as an alternative.

Dookie.

A report was prepared on the possibility of improving the water supply to the Dookie Agricultural College.

Maffra-Sale District.

In the Maffra-Sale Irrigation District a detailed survey of the Main Northern Channel and structures was completed in connexion with proposals for the development of additional areas.

Piangil.

Proposals to supply an area of 7,000 acres north of Piangil by pumping from the River Murray are being investigated.

WATERWORKS TRUSTS UNDER THE SUPERVISION OF THE COMMISSION.

Water supply systems in many country towns are controlled by Local Authorities under the general supervision of the Commission.

During the year many of these Authorities, of which there are 116 Waterworks Trusts and 17 Local Governing Bodies, were forced to regulate water supplies owing to the very dry season experienced.

The only new works carried out were those which had been necessitated by the establishment of new industries or by causes occasioned by the war.

At Benalla, the construction of the new reservoir on Ryan's Creek proceeded very slowly owing to the extreme shortage of labour for this class of work. Some improvements on the Colac main pipe line and reticulation extensions to serve new industries were completed.

Minor improvements were carried out by many Trusts, including Echuca, Healesville, Leongatha, and Yarrawonga, where sections of works were in a state of collapse due to old age; while at Maryborough a booster pump was installed to augment water pressures and to supply an Air Force Depot. At Wangaratta, a deep bore was sunk to increase supplies to the township.

The *Water Act* 1943, No. 4983, provided for financial relief to Trusts and Local Governing Bodies to such an extent as would enable water rates in country towns to be reduced by $33\frac{1}{2}$ per cent., but not to the amount of rate below 1s. 4d. in the £.

With a view to placing Country Waterworks Trusts and Local Authorities on a sound basis, both as regards supplies of water and costs to consumers, the Government appointed a Town Water Supplies Committee to enquire into the position of all such bodies, and the recommendations made in the First Progress Report of the Committee, as referred to on page 12 of this Report, were approved by the Government and are being put into effect. Numerous Authorities are now planning improvements for the development of their water supplies on the new basis for finance as set out in the Committee's formula.

A schedule containing an initial programme of post-war works to be undertaken by Waterworks Trusts and Local Governing Bodies has been prepared.

DRAINAGE AND FLOOD PROTECTION.

DRAINAGE DISTRICTS.

Irrigation Areas.

The cleaning of weeds from open drainage channels is an urgent necessity for the proper functioning of the systems, and every endeavour has been made with the limited labour available to carry out this work.

Some measure of success in cleaning drains has been achieved by the use of a "hook" and a "chinese harrow." The "hook" contains four 1-inch round steel teeth 9 inches long spaced 4 inches apart along a draw bar and the "chinese harrow" has ten 1-inch round steel teeth 8 inches long set 5 inches apart. Both implements, which are used separately, are drawn along the beds and banks of channels by means of horses. Various modifications of these implements are being experimented with to ascertain whether any improvements can be made to increase their effectiveness.

Flame throwers have also been used where possible and it is hoped that by this means some check will be made on weed growth.

Repairs to the outfall of the Deakin Main Drain at Echuca have been completed and a new road crossing at Pakenham-street has been installed over this outfall.

In Maffra-Sale District some 47 miles of drains were cleaned out by shovel gangs, and 4 miles of Lake Wellington Drain by means of a dragline excavator.

Work is proceeding on the construction of the Marion Vale Drainage Channel in the Shepparton Drainage District to provide an effective outfall for Katandra District drainage. Progress on the excavation of this drain was held up owing to objections by landholders to the risk of fire from the steam driven excavator during the summer months. However, the drain is now excavated to half cross section to within 1 mile of the Katandra District and road and occupation crossings have been installed. The Victorian Railways Department has renewed and enlarged the structure at the railway crossing to provide sufficient waterway to obviate any blockage at this point.

In the Cohuna Drainage District further lengths of existing drains have been enlarged, and investigations were made with a view of extending the system. The work of reconditioning drains in the Murrabit Drainage District has been continued and is now almost completed.

The area of the basins receiving the drainage waters from the Woorinen Drainage System has been increased by making a connexion to convey surplus water from an existing basin to an adjacent area of low-lying ground. General maintenance work was carried out in the Kerang East Drainage District.

At Red Cliffs and Merbein all the sub-surface drainage systems functioned, but considerable maintenance work was necessary on silt boxes, pipe lines and open channels. Some minor extensions of the systems were made.

Only limited progress was possible at Nyah with the approved sub-surface drainage system which had been suspended on account of war conditions. A further 76 chains of pipe drains were constructed making a completed total of 4 miles 66 chains.

Carrum.

In the Carrum District no new works have been undertaken and maintenance operations have been restricted by shortage of labour to the carrying out of necessary repairs to structures, the removal of dense growth from the Eumemmerring Outfall below Frankston-road, and the cleaning out of water supply channels sufficiently to meet the requirements of stock watering during the dry period.

Repairs and additions have been effected to the stone beaching of the weir aprons at Pillar's Crossing, and extensive protective work is now in progress at the weir on Mile Creek immediately below Cheltenham-road.

FLOOD PROTECTION DISTRICTS.

Cardinia and Kooweerup.

Further progress has been made with the Yallock Scheme of work for the alleviation of flooding in the Kooweerup District. The existing bank on the west side of the Yallock Outfall has been strengthened and regraded for a distance of 3 miles and a considerable quantity of earthwork has been removed in extending the large new floodway for 40 chains above the Bayles township.

The work of enlarging and regrading the Catch Drain on the north-west side of the Kooweerup Main Canal has been extended a further distance of $2\frac{1}{2}$ miles, making a total length of 7 miles completed from the Main Coast-road.

During the year approximately 176,000 cubic yards of earth were removed by mechanical excavators; and other operations, including clearing, fencing and concrete work were carried out.

Maintenance work in the two districts has comprised repairs to bridges and structures, the removal of growth and obstructions from drains totalling 40 miles in length, and the treatment of noxious weeds and vermin along some 10 miles of drainage reserves. Owing to shortage of labour many miles of drains have not received the customary attention.

Privately owned suction plants, operating under an arrangement with the Commission, have removed 26,000 tons of coarse clean sand from the Kooweerup Main Canal during the year. The total output of sand from this source is approximately 519,000 tons over the period 1925 to 1944.

Kanyapella.

Maintenance work was carried out on the embankment. The outfall apron to the Warrigal Creek flood regulator, which was being undermined, was repaired and holes in the apron were filled with concrete.

Loch Garry.

Minor maintenance work and rabbit destruction were carried out. Arrangements were made, in conjunction with the Country Roads Board, for the repairing and strengthening of the levee banks of the Goulburn River where a break had occurred at Breen's Bend in the parish of Kotupna.

SEWERAGE.

No additional sewerage works have been carried out since construction ceased in March, 1942, at the direction of the Commonwealth Government.

Of the 38 Sewerage Authorities in country centres, systems are in operation in 27 Sewerage Districts. Schemes at Leongatha, Maffra, Traralgon, and Yarrawonga have not been brought into operation and at Dimboola, Kyneton, Kyabram, Mornington, Nhill, and Portland the undertakings are in partial operation as, at the suspension of sewerage construction works, only portion of the properties in the areas had been connected to the sewers.

An initial programme of post-war works to be undertaken by Sewerage Authorities has been prepared.

RIVER IMPROVEMENT, CONTROL, AND GAUGINGS.

WORKS.

Owing to the shortage of labour and material throughout the country, applications for assistance from the Rivers and Streams Fund towards the cost of removing obstructions from streams and the prevention of erosion of their banks have been again on a much reduced scale. During the year eighteen grants, totalling £3,657 were allotted to municipalities and other authorities, bringing the total number of grants approved to 687 and the total amount granted to £101,013 since the inception of the Fund in 1930. Revenue received from river frontage rentals and paid into the fund during the year amounted to £10,249.

A flood on the Snowy River on 25th May, 1944, with a depth of 20 inches of water flowing over the earthen embankment at Gilbert's Gulch was the highest since December, 1935. This embankment withstood the flood overflow without any damage whatever.

The Avon River works between the Princes Highway and the railway bridge were subjected to the second highest flood recorded, but no material damage was caused and complete protection to the river banks was afforded.

CATCHMENT CONTROL.

The dry conditions experienced have again resulted in no run-off from the Teddington Experimental Catchment.

RIVER IMPROVEMENT AND MAINTENANCE.

The Parliamentary Public Works Committee has commenced an inquiry with a view to determining what action is necessary to provide for the more efficient maintenance of river improvement and drainage works—other than in irrigation districts. Reference to this question is made on page 10 of this Report.

MURRAY LEVEES.

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

Legislation is being prepared with a view to providing for control over the erection of levees along the River Murray and on streams throughout Victoria.

DIVERSION OF WATER.

The right of the State to the use and flow and to the control of waters in rivers, creeks, streams and watercourses, lakes, lagoons, swamps, and marshes has been strictly exercised.

Owing to the exceptionally dry seasonal conditions which prevailed over the State following a very dry spring, the flow in a large number of streams fell so considerably that, in many cases, there was no flow, and it was found necessary to enforce restrictions upon irrigation supplies in order to regulate the use of water without detriment to domestic and stock requirements.

The authorized diversions in force comprise 246 under long term licences for periods up to fifteen years authorizing the irrigation of 12,245 acres, and 2,153 under annual permits for the irrigation of 17,506 acres, making a total of 2,399 licences and permits compared with 2,491 for the previous year.

Details of licences and permits in force during the year are set out below :—

—	Industrial.	Vineyards.	Orchards. and Market Gardens.	Tobacco.	Miscellaneous.	Total.
Licences—						
Number in force ..	4	8*	1	..	233	246
Area irrigated (acres) ..	..	210	6	..	12,029	12,245
Permits—						
Number in force ..	117	33	159	44	1,800	2,153
Area irrigated (acres) ..	..	746	1,345	486	14,929	17,506
Total area irrigated (acres) ..	..	956	1,351	486	26,958	29,751

* Previously Annual Permits.

Fourteen additional applications for Licences under Section 188 of the *Water Act 1928*, to divert water for irrigation purposes for a period of 15 years, mainly from the River Murray and its tributaries and contiguous systems, were lodged during the year, making a total of 313 received to 30th June, 1944. Consideration is being given to these applications.

During the year ended 30th June, 1944, 117 Licences were granted by the Governor in Council for a period of 15 years from 1st July, 1943, and 1 Licence was renewed for a further term of 15 years. One Licence was revoked and 1 lapsed, making a total of 246 Licences in force at 30th June, 1944.

RIVER GAUGING.

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

The low discharge of streams throughout the State, which prevailed in the first half of 1943, continued throughout the year 1943-44 except in the case of some rivers in Gippsland. Particularly low discharges were experienced on the Loddon and Broken Rivers and to a lesser degree on the Werribee, Little Wimmera, and Coliban Rivers.

The following table shows the discharge of some of the principal streams during the year 1934-44, also the average annual discharge and the percentage departure from the average.

Stream.	Discharge for Year 1943-44.	Average Annual Discharge Since Year (—).	Percentage Departure from the Average for Year 1943-44.
	Acre feet	Acre feet	
River Murray at Jingellie	1,620,000	1,858,000 (1891)	— 13
Mitta River at Tallandoon	830,000	1,112,000 (1887)	— 25
Broken River at Goorambat	54,820	208,700 (1887)	— 74
Goulburn River at Eildon Weir	1,177,000	1,411,000 (1916)	— 17
Goulburn River at Murchison	1,732,000	2,294,000 (1882)	— 24
Coliban River at Malmsbury	23,650	52,100 (1890)	— 55
Loddon River at Laanecoorie	34,800	171,400 (1891)	— 80
Little Wimmera River at Lake Lonsdale Reservoir	26,800	72,700 (1904)	— 63
Werribee River at Melton Dam	18,330	53,240 (1917)	— 66
Bunyip River at Bunyip	103,800	123,900 (1908)	— 16
Thomson River at Cowwarr	369,500	328,400 (1901)	+ 12
Macalister River at Glenmaggie Weir	463,900	433,100 (1920)	+ 7

During the year twelve gauging stations have been re-established and eight new stations put into operation. Gauging of the Burrowye and Koetong Creeks, at Burrowye, has been discontinued as the influence of their flow on the intake to Hume Reservoir is small and a relationship has now been established. The gauging station on the Carlisle River at Carlisle Bridge has been closed pending the installation of an automatic recorder as a reliable gauge reader could not be obtained. The number of stations in operation at 30th June, 1944, was 72.

The results of gaugings for the six-year period 1937 to 1942 (inclusive) will be published during the coming year.

MISCELLANEOUS.

ENGINEERING RESEARCH BRANCH.

The staff position in this Branch, which had become very acute owing to the absence of officers with the fighting services, has been brought to a reasonably satisfactory state by a number of new appointments, and it has thus become practicable to handle a great proportion of the urgent work. At the same time, acquisition of new scientific apparatus and laboratory furnishings has facilitated testing procedure.

The work carried out is summarized under the following sections :—

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

1. *Routine Laboratory Tests for Commission and Other Authorities.*

	Normal Portland Cement.	Special Normal Portland Cement.	Concrete Specimens.
	Tons.	Tons.	
For the Commission	1,013	..	4
For other Authorities	12,187	500	116
Totals	13,200	500	120

The distinction "Special" is applied here to a grade of cement which, while of normal composition, was finer ground than is the current practice under the standard specification, to meet certain requirements of the State Electricity Commission. It was designed to overcome the fault in concrete placing known as "bleeding".

Additional to this, a number of tests were made for other authorities on Portland Cement manufactured outside Australia and diverted here as "Refugee" Cargo.

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

There has been less than the usual amount of activity in this section owing to the fact that most of the construction associated with defence projects had been completed and, as yet, no large scale new work of the Commission had been brought to the constructional stage.

The testing carried out was as follows :—

Material.	For Commission.		For Other Authorities.	
	Length.	Number.	Length.	Number.
	Feet.		Feet.	
Asbestos-Cement Pipes	29,458	..	18,204	..
Cement-Concrete Pipes (pressure)	1,518	..	11,698	..
Sluice Valves .. .. .	..	54	..	48
Totals	30,976	54	29,902	48

The pipes tested were of various sizes and pressure heads but for brevity they have been grouped together.

In addition, a quantity of cast iron pipes were tested, as were a number of other items such as water meters and channel meter wheel recorders.

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

These are not enumerated in detail, but consisted of cement-concrete pipes (low pressure), various cast iron items such as Gibault joints for pipes, valve covers, tees, meter-housings, and timber.

3. *Chemical and Physical Examination of Materials for Works.*

Certain samples of aggregate including stone known as Porcellanite were examined and tested in a comprehensive manner on behalf of the Allied Works Council, Commonwealth Department of the Interior, in regard to their suitability for construction work of a specialized nature at Darwin.

A number of sands from other parts of the Northern Territory were also examined for the Allied Works Council.

In regard to the Commissions' own activities, stone, sand, and gravel have been examined in a preliminary manner with a view to their use in concrete construction at a number of localities including Rocklands Reservoir on the Glenelg River, Cairn Curran proposed storage on the Loddon River, and a diversion weir at Cowwarr on the Thomson River.

4. *Water Purification and Analysis.*

Samples of water totalling 343 in number have been received for examination and partial chemical analysis.

The series of samples from the Avoca River at Gowar has been continued as also have the observations on the mineral content of wells and bores in the Murray Valley Irrigation Area which were made in order to record changes in ground water composition which might result from irrigation development.

Tests have been undertaken for defence authorities of the Permutit De-Selit apparatus designed to be carried in ships' life-boats and the like for making small quantities of sea water potable.

5. *Soil Mechanics.*

As it became possible to build up staff, efforts were concentrated on Soil Mechanics activities, and, such being regarded under present circumstances as a most urgent matter, this work has predominated to a much greater extent than it would under normal conditions.

The testing of samples of soil from various sources to determine the particle size distribution, optimum density, shear strength, and permeability has been given very full attention.

Investigations were continued on samples from the site of the proposed enlargement of the Eildon Reservoir, including undisturbed samples from the existing embankment, and tests were made on samples of soil from the location of the projected storage reservoir on the Loddon River at Cairn Curran.

Testing was completed on the first series of samples of soil from the Parish of Katunga for use in a proposed embankment on the Main Channel, System No. 6, Murray Valley Irrigation Scheme, and a portion of the tests has been completed on additional samples from the same locality.

A number of undisturbed samples of soil from the site of a raft foundation for a large store in Queensland was tested for the Allied Works Council.

During the year a new shear machine was installed in the laboratory, and an automatic weighing scale, having a range of 0 to 60 lb. at 0.005 lb. increments, was added to the laboratory equipment.

LAND VALUATIONS.

Valuations for Rating.

Rating valuations made included the re-valuation of the Frankston-Hastings portion of the Carrum Drainage District.

No District became due for new valuations, but 92 supplementary valuations were made in the Commission's rural Districts. This involved making 1,149 assessments with a total net annual value of £21,248 over an area of some 350,000 acres.

Valuations for Land Compensation.

Thirty claims for land compensation in which a total amount of £3,864 was claimed were settled for £1,127, while in 39 cases easements in its favor free of cost to the Commission were created by landholders.

General.

Reports were made in connexion with the evidence given by the Commission to the Royal Commissions, appointed by the Commonwealth Government, on Rural Reconstruction and Housing.

OCCUPATION OF COMMISSION'S LANDS.

The Commission has continued the leasing, to suitable tenants, of lands not required in connexion with its works, 1,074 occupancy permits for periods up to fifteen years being now in force.

TREE PLANTATIONS ON COMMISSION'S RESERVES.

Planting of trees, wherever practicable, on the reserves surrounding and adjoining the Commission's main storages, structures, and channels has been continued.

At 30th June, 1944, the principal plantings covered a total area of approximately 414 acres, in addition to numerous small areas adjacent to minor works, and totalled 164,000 trees, including some 156,000 pine trees.

The largest plantation of pines are 47,000 on 44 acres at Fyans Lake Reservoir (Wimmera Storages), 37,000 on 74 acres at Wurdee Boluc Reservoir (Bellarine Peninsula), 28,700 on 80 acres at Pykes Creek Reservoir, 15,000 on 30 acres at Bellarine Basin, and 11,000 on 30 acres at Lance Creek Reservoir (Wonthaggi).

The major plantings have been made on the advice and in co-operation with the Forests Commission of Victoria. As the pine trees mature they are felled and sold and the area replanted with young trees.

CROWN LANDS.

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

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.

Under the provisions of the *Water Act* 1943, the rates in the £1 in all country towns comprising the Urban Districts and Divisions controlled by the Commission were reduced by 33½ per cent., but not below 1s. 4d. in the £1, while the minimum amounts of rate for lands on which there is a building and for lands on which there was no building were also similarly reduced but not below 15s. and 10s. respectively.

The charge for rebate water in all such Urban Districts and Divisions was also reduced by 33½ per cent., but not below 1s. per thousand gallons.

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

The Government agreed that no increase be made in the irrigation charges in the Merbein, Nyah, and Red Cliffs Irrigation and Water Supply Districts, and authorized the Commission to continue to operate the Districts at a loss and to transfer such loss to the Revenue Expenditure borne by the State Account.

For the purpose of making and levying rates and charges, as provided by the *Water Acts* 1928 and 1939, the lands in 42 Irrigation and Water Supply and Waterworks Districts were arranged in not more than three Divisions, and those in fifteen Flood Protection and Drainage Districts in not more than four divisions, in accordance with the relative benefits derived by such lands from the works, while, as heretofore in the urban portion of the Coliban System, a minimum and tapering rate was made. In the Carrum Drainage District rates were made on the unimproved capital value of lands within the District, and a minimum amount of rate was fixed as provided by section 5 of the *Water Act* 1942.

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

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

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

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

Districts Supplied with Water for Domestic and Ordinary Use and for Watering Cattle or Other Stock.	Area of District in Acres.	Area classified as Irrigable in Acres.	Water Rights Apportioned (including Extra Rights) in Acre Feet.	Annual Value of Lands and Tenements.	Rate in the £1 made during Year ended 30th June, 1944.	Compulsory Irrigation Charge per Acre Foot of Water Right, Season 1943-44.	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.			s. d.		
					1st.	2nd.	3rd.			
					£ s. d.	s. d.	s. d.			
1. BOORT	80,061	56,722	11,339	18,395	1 0 0 6	..	7 0	277	409	
2. CALIVIL	61,136	32,527	6,505	16,467	1 0 ..	..	7 0	193	404	
3. DEAKIN	160,393	21,050	5,660	45,628	1 8 0 10	0 5	6 0	526	1,304	
4. DINGEE	8,849	4,361	4,361	3,329	1 0 ..	..	7 0	68	167	
5. KATANDRA	13,954	11,173	7,329	8,201	1 0 ..	..	7 0	123	410	
6. NORTH SHEPPARTON ..	121,800	61,444	13,203	53,995	1 0 0 6	0 3	7 0	471	1,125	
7. ROCHESTER	181,578	57,039	57,510	66,858	1 0 0 6	0 3	6 0	897	2,492	
8. RODNEY	272,688	190,356	60,838	134,594	1 0 0 6	0 3	6 0	1,924	5,110	
9. SHEPPARTON	24,427	21,391	21,391	35,480	1 0 ..	..	6 0	626	2,350	
10. SOUTH SHEPPARTON ..	33,723	17,923	4,404	15,320	1 0 0 6	..	6 0	128	350	
11. TONGALA-STANHOPE ..	76,151	47,561	47,987	48,895	1 0 0 6	0 3	6 0	1,065	2,101	
12. TRAGOWEL PLAINS ..	218,140	148,763	31,192	44,270	1 0 0 6	0 3	7 0	627	889	
Totals	1,252,900	670,310	271,719	491,432				6,925	17,111	

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, 1944.	Compulsory Irrigation Charge per Acre Foot of Water Right, Season 1943-44.	Number of Assessments.	Estimated Number of Persons Dwelling in District, excluding Defence Establishments.

IRRIGATION AND WATER SUPPLY DISTRICTS—continued.

				Valuation by Commission. £	Divisions.			s. d.		
					1st.	2nd.	3rd.			
					s. d.	s. d.	s. d.			
<i>Supplied from Yarrawonga Weir.</i>										
13. MURRAY VALLEY ..	95,314	72,590	20,531	36,956	1 0	0 6	0 3	10 0	444	875
<i>Supplied from Torrumbarry System.</i>										
14. COHUNA ..	84,962	44,399	48,585	45,819	1 9	0 10½	0 5¼	6 0	641	1,615
15. FISH POINT..	6,327	3,756	1,845	1,533	1 0	..	..	6 0	38	52
16. KERANG ..	87,145	54,925	18,949	17,881	1 9	0 10½	0 5¼	5 0	410	632
17. KOONDROOK ..	82,678	24,173	24,203	24,000	1 9	0 10½	0 5¼	6 0	442	964
18. MYSTIC PARK ..	20,261	7,805	2,677	3,337	1 0	..	..	6 0	84	109
19. SWAN HILL ..	37,113	22,268	25,865	30,969	1 0	..	..	6 0	712	1,820
20. THIRD LAKE ..	11,494	3,771	2,513	2,156	1 9	0 10½	..	6 0	45	69
Totals ..	329,980	161,097	124,637	125,695					2,372	5,261
<i>Supplied from Southern State Works.</i>										
21. MAFFRA-SALE ..	51,785	22,427	22,463	58,684	1 0	0 6	0 3	10 0	454	2,250
22. BACCHUS MARSH ..	6,655	3,331	3,331	15,024	1 0	0 6	0 3	22 6	251	614
23. WERRIBEE ..	10,138	8,153	8,154	21,523	1 0	0 6	..	12 0	239	1,429
Totals ..	68,578	33,911	33,948	95,231					944	4,293
<i>Supplied direct from River Murray.</i>										
								For each 2½ acre feet		
24. MERBEIN ..	10,355	7,730	19,325	49,532	0 6	..	..	62 6	552	3,000
25. NYAH ..	3,842	2,731	7,324	8,576	0 6	..	..	53 4	241	830
26. RED CLIFFS ..	30,950	11,224	28,061	81,638	0 6	0 3	0 1½	70 0	972	3,150
Totals ..	45,147	21,685	54,710	139,746					1,765	6,980
<i>Supplied on a Sales of Water Basis.</i>										
								Unit charge per acre foot for water supplied as Sales		
27. CAMPASPE ..	19,725	..	..	8,871	2 0	1 0	0 6	6 0	149	155
28. TRESKO ..	3,482	2,000	..	3,529	2 6	1 3	..	20 0	214	230
Totals ..	23,207	2,000	..	12,400					363	385
Totals (Irrigation)..	1,815,126	961,593	505,545	901,460					12,813	34,905

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, 1944.			Minimum Amount of Rate per 640 Acres on Lands in the First Division.	Number of Assessments.	Estimated Number of Persons Dwelling in District, excluding Defence Establishments.
WATERWORKS DISTRICTS.							
Supplied from Wimmera-Mallee System.	Valuation by Commission. £	Divisions.			£ s. d.		
		1st. s. d.	2nd. s. d.	3rd. s. d.			
29. BIRCHIP	41,956	2 1	1 0½	0 6½	9 12 0	663	910
30. HINDMARSH	8,542	2 8	..	0 8	10 13 4	52	220
31. KARKAROOC	128,810	1 11	0 11½	0 5¾	9 12 0	1,265	3,800
32. LONG LAKE	72,454	2 6½	1 3¼	0 7½	9 12 0	806	2,100
33. SEA LAKE	63,782	2 5	1 2½	0 7¼	9 12 0	698	1,520
34. TYNTYNDER	48,796	3 0	1 6	0 9	9 12 0	1,002	2,000
35. TYRRELL	39,399	3 0	1 6	0 9	9 12 0	813	2,380
36. TYRRELL WEST	56,994	3 0	1 6	0 9	9 12 0	1,300	2,970
37. UPPER WESTERN WIMMERA	63,805	1 4	0 8	0 4	9 12 0	477	1,632
38. UPPER WIMMERA UNITED ..	106,159	1 4	0 8	0 4	9 12 0	1,013	2,175
39. WESTERN WIMMERA	278,419	1 0½	0 6¼	0 3½	..	2,733	8,390
40. WIMMERA UNITED	315,448	1 0½	0 6¼	0 3½	9 12 0	2,503	6,800
41. WYCHEPROOF	76,056	2 1	1 0½	0 6¼	9 12 0	1,143	1,920
Totals	1,300,620					14,468	36,817
Supplied direct from River Murray.							
42. CARWARP	4,545	3 4	1 8	0 10	10 13 4	146	380
43. CARWARP CENTRAL	784	3 4	1 8	0 10	10 13 4	17	50
44. COREENA	5,224	3 4	1 8	0 10	10 13 4	153	190
45. MILLEWA	16,825	3 4	1 8	0 10	10 13 4	442	900
46. MILLEWA CENTRAL	10,446	3 4	1 8	0 10	10 13 4	284	475
47. YELTA	1,991	3 4	..	0 10	10 13 4	57	25
Totals	39,815					1,099	2,020
Supplied by Bores.							
48. WALPEUP WEST	47,687	0 8	0 4	..	4 16 0	1,005	1,760
Supplied from Coliban System.							
49. AXE CREEK	1,654	1 9½	..	..	..	66	250
50. HARCOURT	6,652	1 4	..	..	..	174	600
Totals	8,306					240	850
Miscellaneous.							
51. KERANG NORTH-WEST LAKES	7,400	0 5	..	..	..	180	263
52. NORMANVILLE	28,798	1 6	0 9	0 4½	10 13 4	272	449
53. WERRIBEE	5,114	2 0	1 0	..	..	64	106
Totals	41,312					516	818
Totals (Waterworks)	1,437,740					17,328	42,265

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, 1944.	Minimum Amount of Rate for Lands on which there is a Building.	Minimum Amount of Rate for Lands on which there is no Building.	Water Charge per 1,000 Gallons.	Number of Assessments.	Estimated Number of Persons Dwelling in District, excluding Defence Establishments.
URBAN DISTRICTS AND DIVISIONS.							
<i>Supplied from Bellarine Peninsula System.</i>	Municipal Valuation.				Rate Allowance.	Excess.	
	£	s. d.	s. d.	s. d.	s. d.	s. d.	
54. ANGLESEA	3,059	1 8	33 4	10 0	1 0	1 0	161 150
55. BARWON HEADS AND OCEAN GROVE	11,535	1 8	33 4	10 0	1 0	1 0	717 850
56. DRYSDALE	3,040	1 8	33 4	10 0	1 0	1 0	173 600
57. PORTARLINGTON	3,436	1 8	33 4	10 0	1 0	1 0	250 600
58. QUEENSCLIFF AND POINT LONSDALE	22,858	1 8	33 4	10 0	1 0	1 0	814 3,100
59. TORQUAY	5,739	1 8	33 4	10 0	1 0	1 0	348 450
Totals	49,667						2,493 5,750
<i>Supplied from Mornington Peninsula System.</i>							
60. BERWICK	7,522	1 5	20 0	7 6	1 0	1 0	330 950
61. BITTERN	629	2 1	20 0	7 6	1 0	1 0	84 100
62. BUNYIP	3,553	1 7	33 4	10 0	1 0	1 0	160 400
63. CARRUM	101,057	1 4	20 0	7 6	1 0	1 0	4,283 7,530
64. CRANBOURNE	3,580	1 1	20 0	7 6	1 0	1 0	150 300
65. CRIB POINT	3,509	2 1	33 4	10 0	1 0	1 0	299 650
66. DANDENONG	74,826	1 3	20 0	7 6	1 0	1 0	2,123 5,865
67. DROMANA—PORTSEA	55,115	2 2	40 0	10 0	1 0	1 0	2,850 3,000
68. FRANKSTON	83,115	1 4	20 0	7 6	1 0	1 0	2,793 6,400
69. GARFIELD	2,500	1 7	33 4	10 0	1 0	1 0	106 300
70. HASTINGS	2,640	2 0	26 8	10 0	1 0	1 0	210 500
71. LONGWARRY	2,088	1 8	33 4	10 0	1 0	1 0	125 280
72. MORNINGTON	50,923	1 4	20 0	7 6	1 0	1 0	1,268 2,540
73. PAKENHAM	5,956	1 5	33 4	10 0	1 0	1 0	229 730
74. SOMERVILLE	2,796	1 8	20 0	7 6	1 0	1 0	115 310
75. SOUTH FRANKSTON	21,180	1 6	66 8	13 4	1 0	1 0	443 950
76. SPRING VALE	45,320	1 4	20 0	7 6	1 0	1 0	2,575 3,700
Totals	465,409						18,143 34,505
<i>Supplied from Otway System.</i>							
77. ALLANSFORD	816	2 0	40 0	10 0	1 0	1 0	44 200
78. CAMPERDOWN	31,282	2 0	40 0	10 0	1 0	1 0	969 2,800
79. COBDEN	8,923	2 0	40 0	10 0	1 0	1 0	296 800
80. TERANG	22,494	2 0	40 0	10 0	1 0	1 0	675 1,950
Totals	63,515						1,984 5,750
<i>Supplied from Wimmera-Mallee System.</i>							
81. ANTWERP	215	2 4	46 8	10 0	1 4	1 0	26 54
82. BERRIWILLOCK	1,309	2 4	15 0	..	1 0	1 0	72 140
83. BEULAH	3,475	2 0	15 0	..	1 0	1 0	208 357
84. BIRCHIP	5,759	1 4	15 0	..	1 0	1 0	334 650
85. BRIM	949	2 4	40 0	10 0	1 0	1 0	79 110
86. CHILLINGOLLAH	262	2 4	46 8	10 0	1 4	1 0	31 35
87. CHINKAPOOK	569	2 4	46 8	10 0	1 4	1 0	43 100
88. CULGOA	1,255	2 4	15 0	..	1 0	1 0	58 130
89. DIMBOOLA	16,428	1 4	15 0	..	1 0	1 0	616 1,606
90. DOON	169	1 4	26 8	5 0	1 0	1 0	6 20
91. HOPETOUN	6,645	2 0	15 0	..	1 0	1 0	286 615
92. JEPARIT	9,046	1 5	15 0	..	1 0	1 0	298 818
Carried forward	46,081						2,057 4,635

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, 1944.	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 ..	46,081						2,057 4,635
93. JUNG JUNG ..	889	2 0	20 0	7 6	1 0	1 0	45 142
94. LALBERT ..	776	2 4	16 8	10 0	1 0	1 0	56 110
95. LASCELLES ..	888	2 4	15 0	..	1 0	1 0	76 106
96. MANANGATANG ..	1,972	2 1	46 8	10 0	1 4	1 0	115 270
97. MARNOO ..	1,123	2 4	33 1	10 0	1 0	1 0	58 167
98. MINYIP ..	6,161	1 10	15 0	..	1 0	1 0	262 545
99. NANDALY ..	313	2 4	46 8	10 0	1 4	1 0	36 90
100. NATIMUK ..	3,255	1 4	15 0	..	1 0	1 0	115 528
101. NULLAWIL ..	698	2 1	46 8	10 0	1 4	1 0	47 80
102. OUYEN ..	9,316	2 0	15 0	..	1 4	1 0	122 930
103. PATCHEWOLLOCK ..	688	2 1	46 8	10 0	1 4	1 0	70 115
104. QUAMBATOOK ..	3,250	1 11	15 0	..	1 0	1 0	171 400
105. RAINBOW ..	9,030	1 4	15 0	..	1 0	1 0	312 820
106. RUPANYUP ..	5,625	1 11	15 0	..	1 0	1 0	208 485
107. SEA LAKE ..	7,294	1 4	15 0	..	1 0	1 0	295 600
108. SPEED ..	118	2 4	46 8	10 0	1 4	1 0	25 36
109. TEMPY ..	282	2 4	46 8	10 0	1 4	1 0	41 63
110. ULTIMA ..	2,103	2 0	15 0	..	1 0	1 0	159 260
111. WAITCHIE ..	217	2 1	46 8	10 0	1 4	1 0	38 35
112. WALPEUP ..	872	2 1	46 8	10 0	1 4	1 0	63 130
113. WATCHEM ..	1,934	2 2	15 0	..	1 0	1 0	125 200
114. WOOME LANG ..	1,932	2 4	15 0	..	1 0	1 0	146 260
115. WOORINEN ..	763	2 4	46 8	10 0	1 0	1 0	66 110
116. WYCHEPROOF ..	7,037	1 4	15 0	..	1 0	1 0	273 610
117. YAAPEET ..	297	2 4	46 8	10 0	1 4	1 0	27 45
Totals ..	113,244						5,338 11,772
<i>Supplied from Torrumbarry System.</i>							
118. COHUNA ..	10,766	1 4	15 0	..	1 0	1 0	438 1,050
119. KOONDROOK ..	3,062	1 10	15 0	..	1 0	1 0	181 750
120. LEITCHVILLE ..	1,906	2 4	26 8	10 0	1 0	1 0	117 230
121. MURRABIT ..	285	2 4	46 8	10 0	1 4	1 0	33 36
Totals ..	16,019						769 2,066
<i>Supplied direct from River Murray.</i>							
122. CARWARP ..	96	2 4	46 8	10 0	1 4	1 0	19 15
123. LAKE BOGA ..	2,247	2 0	15 0	..	1 0	1 0	138 400
124. MERBEIN ..	10,694	1 10	15 0	..	1 0	1 0	437 1,500
125. MERINGUR ..	289	2 4	46 8	10 0	1 8	1 0	28 50
126. NYAH ..	948	1 10	36 8	..	1 0	1 0	71 120
127. NYAH WEST ..	4,317	1 10	40 0	10 0	1 0	1 0	180 368
128. PIANGIL ..	949	2 4	40 0	10 0	1 0	1 0	93 110
129. RED CLIFFS ..	17,453	1 4	20 0	10 0	1 0	1 0	505 1,400
130. WERRIMULL ..	824	2 4	46 8	10 0	1 8	1 0	65 60
Totals ..	37,817						1,536 4,023
<i>Miscellaneous.</i>							
131. BACCHUS MARSH ..	16,962	1 4	15 0	..	1 0	1 0	581 1,867
132. COROP ..	156	1 8	15 0	..	1 0	1 0	21 55
133. DINGEE ..	344	2 4	26 8	10 0	1 0	1 0	25 41
134. HEYFIELD ..	3,336	1 11	33 4	10 0	1 0	1 0	149 330
135. HICKSBOROUGH ..	444	2 4	40 0	10 0	1 0	1 0	45 92
136. LOCKINGTON ..	1,577	2 0	40 0	10 0	1 0	1 0	96 130
137. MARONG ..	805	2 0	26 8	10 0	1 0	1 0	58 300
138. NEWSTEAD ..	3,041	2 0	40 0	10 0	1 0	1 0	161 400
Carried forward ..	26,665						1,136 3,215

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, 1944.	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 ..		26,665						1,136	3,215
139. NORTH WONTHAGGI ..	..	3,488	1 4	20 0	5 0	1 0	1 0	391	673
140. PYRAMID HILL ..	..	3,552	1 6	30 0	10 0	1 0	1 0	162	346
141. STANHOPE ..	..	2,036	1 6	30 0	10 0	1 0	1 0	82	232
142. WONTHAGGI ..	..	30,044	1 4	15 0	..	1 0	1 0	1,336	4,315
Totals ..		65,785						3,107	8,781

COLIBAN SYSTEM.

	Municipal Valuation.	Rate in the £1 made during year ended 30th June, 1944.	Minimum Amount of Rate for Lands on which there is a Building.					
	£	s. d.	s. d.					
143. COLIBAN ..	417,110	On Valuations up to £300	1 4	15 0	1 0	1 0	14,677	59,390
		From £301 up to £700	.. 1 3	..	..	..	..	..
		From £701 on ..	1 0	..	..	..	..	..
		Vacant Lands ..	1 4	..	..	..	..	..
Totals (Urban) ..		1,228,566					48,047	132,037

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.

WATERWORKS TRUSTS.

(Administered by Commission.)

Districts supplied with Water for Domestic and Ordinary Use and for Watering Cattle or Other Stock.	Annual Value of Lands and Tenements.	Rate in the £1 made for Year ending 31st December, 1944.			Number of Assessments.	Estimated Number of Persons dwelling in District, excluding Defence Establishments.
		Divisions.				
	Valuation by Commission.	1st.	2nd.	3rd.		
	£	s. d.	s. d.	s. d.		
144. LODDON UNITED ..	68,003	0 8	0 4	0 2	767	731
	Municipal Valuation.	Rate in the £1 made during year ending 31st December, 1944.	Minimum Amount of Rate for Lands on which there is a Building.	Water Charge per 1,000 gallons.		
	£	s. d.	s. d.	s. d.		
145. MITIAMO (Urban).. ..	886	2 8	15 0	1 0	57	122
Totals (Trusts)	£68,889				824	853
Grand Totals (all Districts)	£3,636,655				79,012	210,060

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

District.	Annual Value of Lands and Tenements.	Rate in the £1 made during Year ended 30th June, 1944.				Number of Assessments.	Estimated Number of Persons Dwelling in District, excluding Defence Establishments.	
DRAINAGE DISTRICTS.								
		Divisions.						
		Valuation by Commission. £	1st. s. d.	2nd. s. d.	3rd. s. d.	4th. s. d.		
146. COHUNA	35,131	1 6	1 1½	0 9	0 4½	516	1,154	
147. KERANG EAST	16,910	1 8	1 3	0 10	0 5	348	708	
148. MAFFRA-SALE	28,917	1 2	0 10½	0 7	0 3½	248	1,120	
149. MERBEIN	43,304	0 9	..	0 4½	..	387	3,000	
150. MURRABIT	3,367	1 3	..	..	..	76	210
151. NYAH	6,772	0 9	..	0 4½	..	176	655	
152. RED CLIFFS	71,352	0 9	..	0 4½	..	621	2,750	
153. ROCHESTER	26,840	1 6	1 1½	0 9	0 4½	452	1,455	
154. RODNEY	18,088	1 3	0 11¼	0 7½	0 3¾	299	665	
155. SHEPPARTON	56,615	1 2	0 10½	0 7	0 3½	864	3,080	
156. TONGALA-STANHOPE	51,188	1 6	1 1½	0 9	0 4½	970	2,153	
157. WERRIBEE	22,232	0 8	0 6	0 4	0 2	252	1,361	
158. WOORINEN	10,359	1 2	..	..	..	238	376
Totals	391,075	..	..	..	..	5,447	18,687
		Unimproved Capital Value. £						
159. CARRUM	341,156	0 3	0 2¼	0 1½	0 0¾	4,530	4,450	
		(with a minimum amount of rate of 2s. per tenement)						
Totals (Drainage)		£391,075 (N.A.V.)					9,977	23,137
		£341,156 (U.C.V.)						

FLOOD PROTECTION DISTRICTS.

		Rate in the £1 made during Year ended 30th June, 1944.					
		Divisions.					
		Valuation by Commission.	1st.	2nd.	3rd.	4th.	
		£	s. d.	s. d.	s. d.	s. d.	
160. LOWER KOOWEERUP	56,788	2 0	1 6	1 0	0 6	974	2,500
		Area in Acres.	Charge per Acre made during Year ended 30th June, 1944.				
			s. d.	s. d.	s. d.	s. d.	
161. CARDINIA	26,609	3 2	2 4½	1 7	0 9½	250	750
162. KANYAPELLA	12,604	0 5	..	0 2½	..	41	66
163. LOCH GARRY	41,681	0 5	..	..	..	108	180
Totals (Flood Protection)	80,891 (Acres)					1,373	3,496

MISCELLANEOUS WATER CHARGES.

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

For Irrigation Supplies to lands in the Western Wimmera and Wimmera United Waterworks Districts the charge for water is 12s. per acre foot with a minimum annual payment of £2 for any one holding.

For Domestic and Stock Supplies from the Commission's pipe lines to properties outside proclaimed Urban Districts the charges are in accordance with the Commission's By-law No. 3875 or by special agreement, and are as follow :—

Name of Waterworks District.	Amount of Charge per 1,000 Gallons for Water Supplied.	Minimum Charge per Annum.
	s. d.	s. d.
BELLARINE PENINSULA	1 0	50 0
MORNINGTON PENINSULA	1 0	50 0
MORNINGTON PENINSULA (EXTENSION)	1 3	60 0
OTWAY	1 3	60 0

FINANCE.

(W. Lambert, B.Com., D.P.A., A.F.I.A., Accountant.)

REVENUE.

The respective amounts collected during the past three years were £693,519 for 1941-42, £763,020 for 1942-43, and £730,670 for 1943-44.

The reduction of the charge for excess water in urban centres to 1s. per 1,000 gallons, and the reduction pursuant to the *Water Act* 1943 (No. 4983) of urban rates by 33½ per cent. (subject to a minimum of 1s. 4d. in the £) have involved a reduction in collectable revenue per annum, estimated at £30,000.

The amount collected during the current year, including arrears, represented the equivalent of 142 per cent. of the year's assessment (£512,903) for rates and charges. Additional amounts collectable for sales of water, interest on arrears, meter rents, &c., were £201,982. The total collectable new money for the year, therefore, was £714,885, of which the actual sum collected (£730,670) represented the equivalent of 102 per cent.

An amount of £16,394 was written off the books of the Commission for the financial year 1943-44, as compared with £22,100 for the previous year. Adjustments of water-users accounts in arrears in rural areas, made pursuant to legislation, have involved the writing off, during recent years, of the following amounts :—

	Amount of Remission to 30th June, 1944. £	Number of Individual Cases Involved.
<i>Farmers' Debts Adjustment Act</i> 1935 (No. 4326) ..	95,360	1,528
<i>Water Act</i> 1937 (No. 4513)	125,747	1,845
<i>Water Act</i> 1940 (No. 4740)	81,674	12,000
		(Approx.)

The amount of £81,674, written off under the provisions of the *Water Act* No. 4740, represents the remission of interest accrued on arrears to 30th June, 1940. Arrears totalling £289,034, of the rates and charges (excluding interest remitted and excused), subject to the provisions of the *Water Act* (No. 4740) are payable by instalments over periods ranging up to twenty years from and inclusive of 1st January, 1941. The arrears so consolidated are not subject to interest conditionally upon the instalment being paid on the due date each year.

The loss for the year 1943-44 on Crown lands, which have not been occupied or have been vacated by the lessees leaving no assets, amounted to £8,652.

The arrears of rates and charges were reduced from £517,014 as at 1st July, 1943, to £485,021 as at 30th June, 1944.

EXPENDITURE.

The expenditure for the year on maintenance, water distribution, and management, and the comparative figures for 1942-43 are set out hereunder :—

	1943-44. £	1942-43. £
From Annual Vote Appropriation	682,475	620,622
*From Annual Vote Appropriation (Exceptional) ..	39,564	36,216
From Surplus Revenue, Act 4968	17,041	..
	<hr/> 739,080	<hr/> 656,838

* Includes £8,497 contribution to War Damage Fund—Commonwealth National Security (War Damage to Property) Regulations—for period 1st July, 1943, to 30th June, 1944; £11,919 assistance to Sewerage Authorities, £18,107 subsidies to Sewerage Authorities; £419 subsidies to Waterworks Trusts and Local Governing Bodies, £415 Land Compensation, and £207 Expenses Town Water Supply Committee, during 1943-44.

An amount of £143,178 was expended during the year on capital construction works, reconstruction, improvements, and enlargement of works from funds provided as under :—

	£
Ordinary Loan Funds (Acts Nos. 4910 and 4979)	133,006
Treasurer's Advance	10,172
	<hr/> 143,178

The total expenditure on works carried out or supervised by the Commission for the year 1943-44 from all sources was as set out hereunder :—

	£	£
Vote Funds	722,039	
Special Appropriation	3,188	
Surplus Revenue, Act No. 4968	17,041	
		742,268
Ordinary Loan Funds and Treasurer's Advance—		
Commission Works	135,527	
Waterworks Trusts and Local Bodies	7,651	
		143,178
Water Supply Works Depreciation Fund		20,969
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.		906,415

Expenditure on war precautions under the provisions of the *National Security Act 1939* (No. 4645) amounted to £906. This expenditure is additional to that recorded above, and, although charged by the Treasury to the annual cost of operations in respect to country water supply works, the expenditure has not been debited direct to water users.

The actual expenditure during the year by this Commission on works included in the River Murray Agreement was Construction £2,201, and Maintenance £7,037.

In addition, a sum of £56,357 was expended during the year on the construction of water supply, sewerage, and other works at the request of the Defence Authorities. The total expenditure by the Commission to 30th June, 1944, on military and defence projects since the outbreak of war has amounted to £815,980. The whole of this expenditure has been met from the following sources: Department of the Army, £246,485; Department of the Interior, £473,646; Commonwealth Unemployment Relief Funds, £94,868; United States Army, £981.

CAPITAL LIABILITY.

The Capital Loan Liability of the State for Works of Country Water Supply at 30th June, 1944, was £28,004,116, of which amount £22,437,595 is charged to the "Capital Expenditure borne by the State Account." Of the remainder, £1,934,328 is charged to Waterworks Trusts and Local Government Bodies, £42,485 is debited to the Plant and Machinery Account, and the balance £3,589,708, 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 £2,473,808 in the National Debt Sinking Fund.

The average rate per cent. of Interest for 1943-44 debited by the Treasury on the Capital Liability for Country Water Supply Works was £3 14s. 6d.

The amounts debited to Country Water Supply Works on account of interest and exchange on overseas interest were :

	£	s.	d.
Interest	1,084,725	14	6
Exchange on overseas interest	114,234	16	5
	1,198,960	10	11

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 1943-44 in relation to the Capital Liability.

Capital Debited to—	Capital Liability as at 30th June, 1944.	Interest Liability (excluding Exchange).	Interest Paid by Water Users.
	£	£ s. d.	£ s. d.
Districts and Divisions under the direct control of the Commission	3,589,708	134,897 15 7	116,296 14 10
Waterworks Trusts and Local Governing Bodies	1,934,328	54,437 16 11	54,437 16 11
Plant and Machinery Account	42,485	1,601 16 4	1,601 16 4
Capital Expenditure borne by the State Account	22,437,595	893,788 5 8	..
	28,004,116	1,084,725 14 6	172,336 8 1

DEPRECIATION.

The amount at credit of the Water Supply Works Depreciation Account in the Commission's books at 1st July, 1943, was £211,254 12s. 11d. An amount of £52,447 7s. 6d. was raised by rates and charges during the financial year 1943-44 and paid to consolidated revenue for purposes of depreciation.

In addition, a sum of £386 16s. 7d. 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 £4,648 16s. 7d. and deducting the expenditure (£20,969 6s. 7d.) from Depreciation for the year, the balance remaining in the Account as at 30th June, 1944, was £247,768 7s.

During the year a sum of £55,000 was transferred from the Commission's revenue to the credit of the Water Supply Works Depreciation Fund in the Treasury Books.

It is desirable that the Fund be built up to ensure that moneys will be available to meet large expenditure in replacements which must be effected in the near future, and that regular transfers be made to the Fund to avoid fluctuations in the Commission's net revenue each year. The amount included in rates and charges levied each year for purposes of depreciation is approximately £51,320.

Details of the Water Supply Works Depreciation Account are set out on pages 89-92 of this Report.

PLANT AND MACHINERY ACCOUNT AND STORES SUSPENSE ACCOUNT.

The value of large size movable Plant and Machinery held in the Plant and Machinery Account as at 30th June, 1944, was £42,485 3s. 3d.

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 £10,842 10s. 3d.

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 £39,545 19s. 4d. as at 30th June, 1944, as against a credit of £40,552 3s. 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, 1944, was £146,920 4s. 8d. The net amount at credit of the account is £136,077 14s. 5d.; the difference (£10,842 10s. 3d.) represents the amount at credit of operating account in respect of excavators.

REVENUE EXPENDITURE CHARGEABLE TO THE STATE ACCOUNT.

The Commission, by direction of the Governor in Council, has throughout 1943-44 continued the operation of 5 Irrigation Districts, 20 Waterworks Districts, 21 Urban Districts, 3 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 amounts so transferred have been 1938-39 £57,185, 1939-40 £62,826, 1940-41 £76,954, 1941-42 £82,931, 1942-43 £79,041, and 1943-44 £124,794. In 32 of these Districts an aggregate cash surplus of revenue over expenditure of £28,222 was obtained. This amount was applied to Interest (£8,685) in respect of Capital works debited to districts subsequent to the Capital Adjustment, Redemption (£448), and Depreciation (£9,714), leaving a sum of £9,375 available to the credit of the respective districts.

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

FINANCIAL STATEMENTS.

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

FINANCIAL OPERATIONS, 1943-44.

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 Act* 1937 (No. 4513) the Capital Liability of Country Water Supply Works was 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, was transferred to the "Capital Expenditure borne by the State Account."

The reduction of the water rates in urban centres by 33½ per cent. (subject to a minimum of 1s. 4d. in the £) as authorized by the *Water Act* 1943 (No. 4983) involved the transfer to the "Capital Expenditure borne by the State Account" of additional Capital Liability amounting to £534,957 17s. 8d.

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

"PAYING" DISTRICTS.

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

Irrigation and Water Supply Districts (23).

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

Waterworks Districts (9).

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

Urban Divisions and Districts (66).

Bacchus Marsh	Carrum	Lalbert	Quambatook
Cohuna	Chillingollah	Lascelles	Queenscliff and Point
Dingee	Cobden	Longwarry	Lonsdale
Leitchville	Coliban	Manangatang	Rainbow
Lockington	Cranbourne	Marnoo	Rupanyup
Red Cliffs	Crib Point	Marong	Sea Lake
Stanhope	Culgoa	Merbein	Somerville
Allansford	Dandenong	Minyip	South Frankston
Antwerp	Dimboola	Mornington	Spring Vale
Barwon Heads and Ocean Grove	Dooen	Natimuk	Terang
Berriwillock	Dromana-Portsea	Newstead	Torquay
Berwick	Frankston	North Wonthaggi	Watchem
Birchip	Garfield	Nullawil	Wonthaggi
Brim	Hastings	Nyah	Woomelang
Bunyip	Hicksborough	Ouyen	Woorinen
Camperdown	Hopetoun	Pakenham	Wycheproof
	Jeparit	Pyramid Hill	Yaapect

Drainage Districts (1).

Carrum

£

The surplus Revenue over Expenditure in respect of these Districts, after providing for interest, redemption, and depreciation, was	40,912
---	--------

"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 (24).

*Corop	Carwarp	Meringur	*Speed
*Heyfield	Chinkapook	Nandaly	*Tempy
Murrabit	*Drysdale	*Nyah West	Ultima
Anglesea	*Jung Jung	*Patchewollock	Waitchie
*Beulah	Koondrook	*Piangil	*Walpeup
Bittern	*Lake Boga	Portarlinton	*Werrimull

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 1943-44 resulted in an aggregate cash surplus of £28,222. Of this amount a sum of £18,847 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 1943-44 by direction of the Governor in Council, in which the Revenue was insufficient to meet operating costs, was	£ 124,794
---	--------------

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 1943-44, and paid from the Commission's Vote Appropriation, was	£ 149,612
From this amount may be deducted miscellaneous revenue collected in respect to diversion permits, rents, &c.	110,001
Net Cost to State of National Services, 1943-44	39,611

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

NET COST TO STATE.

It is indicated on page 103 of the Auditor-General's Report for 1943-44 that "the net cost to the State for the year in connexion with country water supply which has been met from general revenue was £1,115,422." This figure includes the cost of the services referred to earlier, also a sum of £906 expended on war precautions. The equivalent figure stated annually is often incorrectly quoted as a "loss" in respect of country water supply, whereas the only amount which, on the existing basis of rates and charges, might be correctly regarded as a cash "loss" is the amount of £124,794 before-mentioned, 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 (£1,115,422) to the State for the year is set out hereunder—a more detailed analysis is set out on page 57 of this Report.

	£
Total Cost to the State	1,115,422
	£
Loss on "Non-paying" Districts	124,794
Net Cost of "National Services"	39,611
Interest and Exchange on Headworks and Capital borne by State	1,008,023
Less Interest on Lands sold, &c.	1,085
	<hr/> 1,006,938
	<hr/> 1,171,343
Deduct amount paid to Revenue in respect of Depreciation (£40,554) and Redemption (£14,634)	61,078
	<hr/> 1,110,265
Deduct Surplus on "Paying Districts"	40,912
Revenue in excess of operating costs in other ("Non-paying") Districts	9,375
	<hr/> 50,287
	<hr/> 1,059,978
Add amount transferred from Revenue to Depreciation Fund and State Loans Repayment Fund	55,444
	<hr/>
Net Total Cost to State	1,115,422

The net cost to the State (£1,115,422) was £137,805 greater than the comparable figure for the previous year. This is mainly due to greater expenditure on maintenance, increase in contributions to Depreciation Fund, and a decrease in revenue.

The completion of major water supply projects on hand will involve a large expenditure of Capital funds; the cost of these works will be borne by the "Capital Expenditure borne by the State Account." As these are national works the interest charges will not be debited to water users.

Included in the "Capital Expenditure borne by the State Account" are amounts representing expenditure (temporarily charged to that account) on works at present under construction, and in respect of which the Capital Liability has not been allocated to Districts. As development proceeds in Districts already constituted, a commensurate amount of the Capital Liability will be transferred from the State Account to the District Account. However, it would not be possible, having regard to the present basis of rates and charges and the continual increases in operating costs due to rises in wages and higher costs of fuel and materials, for water users to meet the full cost of interest, redemption and operations.

It must be expected, therefore, notwithstanding increasing development, that the cost to the State will tend to increase in future years. The amount (£1,115,422) borne by the community for the 1943-44 financial year is equivalent to 11s. 4d. per head of the whole population, and represents the contribution by the individual citizen towards the indirect benefits derived from the State enterprise of Country Water Supply.

RESULTS OF OPERATIONS IN DISTRICTS UNDER CONTROL OF COMMISSION.

Disbursements, 1943-44.

	Operating Expenses.	Interest on Capital Allotted.	Depreciation Paid by Districts.	Redemption Paid by Districts.	Total Disbursements.
	£ s. d.	£ s. d.	£ s. d.	£ s. d.	£ s. d.
Coliban Works	38,785 7 6	11,684 6 8	7,730 0 0	38 16 5	58,238 10 7
Irrigation Districts	263,151 3 2	67,570 10 4	14,376 0 0	2,504 6 10	347,602 0 4
Irrigation Urban Divisions	4,407 1 8	563 2 10	727 0 0	12 19 7	5,710 4 1
Waterworks Districts	214,571 13 10	32,541 3 7	12,618 5 0	1,138 18 2	260,870 0 7
Waterworks Urban Districts	47,968 18 2	22,156 8 9	15,274 2 6	4,483 3 5	89,882 12 10
Flood Protection Districts	4,404 14 6	382 3 5	..	453 2 10	5,240 0 9
Drainage Districts	36,922 16 2	..	1,722 0 0	..	38,644 16 2
	*610,211 15 0	134,897 15 7	52,447 7 6	8,631 7 3	806,188 5 4
Expenditure not chargeable to Districts—					
Free Headworks	†10,303 12 2	..	..	..	10,303 12 2
Other	†118,564 15 3	..	..	..	118,564 15 3
	739,080 2 5	134,897 15 7	52,447 7 6	8,631 7 3	935,056 12 9

Inclusive of Grant from Surplus Revenue—*£16,936 14s. 7d.; †£57 5s.; ‡£47 10s. 1d.—Total. £17,041 9s. 8d.

Receipts, 1943-44.

	Total Receipts.	Less Transfers to— (a) Depreciation Fund. (b) State Loans Repayment Fund.	Total Collections Paid to Consolidated Revenue.	Excess.	
	£ s. d.	£ s. d.	£ s. d.	Receipts over Disbursements.	Disbursements over Receipts.
	£ s. d.	£ s. d.	£ s. d.	£ s. d.	£ s. d.
Coliban Works	53,601 19 9	(a) 8,794 0 0	44,807 19 9	..	4,636 10 10
Irrigation Districts	352,396 6 1	(a) 17,182 0 0	335,214 6 1	4,794 5 9	..
Irrigation Urban Divisions	6,677 11 3	..	6,677 11 3	967 7 2	..
Waterworks Districts	167,223 11 2	(a) 27,065 0 0	140,158 11 2	..	93,646 9 5
Waterworks Urban Districts	101,394 19 1	..	101,394 19 1	11,512 6 3	..
Flood Protection Districts	10,343 17 1	(b) 444 10 5	9,899 6 8	5,103 16 4	..
Drainage Districts	23,105 3 11	(a) 1,959 0 0	21,146 3 11	..	15,539 12 3
	714,743 8 4	(a) 55,000 0 0 (b) 444 10 5	659,298 17 11	22,377 15 6	113,822 12 6
Recoups of amounts paid from					
Revenue	55,608 8 6	..	55,608 8 6	..	..
Free Headworks	4,819 8 9	..	4,819 8 9	..	..
Miscellaneous	17,695 13 1	..	17,695 13 1	..	..
	792,866 18 8	(a) 55,000 0 0 (b) 444 10 5	737,422 8 3	22,377 15 6	113,822 12 6

SUMMARY OF OPERATIONS FOR YEAR 1943-44.

	£ s. d.	£ s. d.	£ s. d.		£ s. d.	£ s. d.
REVENUE 1943-44—				EXPENDITURE 1943-44—		
From Districts and other activities under the control of the Commission ..	737,258 10 2			From Annual Vote—Commission Districts ..	593,275 0 5	
Recoups of amounts paid from Revenue ..	55,608 8 6			Services of a National Character and Free Headworks ..	128,763 12 4	
		792,866 18 8		Special Appropriation ..	..	722,038 12 9
Less transfers to—						3,187 11 5
State Loans Repayment Fund ..	444 10 5			Surplus Revenue Act 1968—		725,226 4 2
Water Supply Works Depreciation Fund ..	55,000 0 0			Commission Districts ..	16,936 14 7	
		55,444 10 5		Free and other Headworks ..	104 15 1	17,041 9 8
Grants from Revenue—			737,422 8 3			742,267 13 10
Surplus Revenue Act 1968 ..	17,041 9 8			Surplus carried down ..	..	42,222 9 4
To assist Sewerage Authorities ..	30,026 5 3					
		47,067 14 11				
		784,490 3 2				784,490 3 2
Surplus brought down ..	..	42,222 9 4		Amount debited by Treasury for Pensions ..	..	16,649 9 11
Interest paid—				Expenditure under provisions of National Security (Emergency Powers) Act (No. 4645) ..	..	906 2 10
By Waterworks Trusts and Local Governing Bodies ..	54,437 16 11			Balance available towards payment of Interest and Exchange, Depreciation, and Redemption carried down ..	..	83,538 1 1
On Shepparton Drainage ..	28 0 10					
„ Sale of Land ..	996 18 11					
„ Installation of Fireplugs ..	60 3 4					
		55,523 0 0				
Plant and Machinery Account ..	..	1,601 16 4				
Recoup of Salaries of Officers on Loan to Commonwealth ..	..	1,746 8 2				
		101,093 13 10				101,093 13 10
Balance available towards payment of Interest and Exchange, Depreciation, and Redemption brought down ..	..	83,538 1 1		Interest on Total Loan Liability ..	..	1,084,725 14 6
Balance being net amount borne by the State, not chargeable to water users ..	..	1,115,422 9 10		Exchange on Interest Payments ..	..	114,234 16 5
		1,198,960 10 11				1,198,960 10 11

ANALYSIS OF EXPENDITURE BORNE BY THE STATE, 1943-44.

		£	s.	d.
Services of a National Character—				
Maintenance and Management of Free Headworks ..		10,303	12	2
Maintenance River Murray Commission Works—Contribution by State of Victoria in accordance with the provisions of the River Murray Acts ..		11,000	0	0
Contribution to War Damage Fund ..		8,498	15	0
Assistance to Sewerage Authorities under works suspended to meet Commonwealth requirements ..		11,919	0	0
Subsidies to Sewerage Authorities where Interest paid on Capital Liability is in excess of the rate of 3 per cent. ..		18,107	5	3
Subsidies to Waterworks Trusts and Local Governing Bodies to enable a reduction of 33½ per cent. to be made in Water Rates ..		419	9	10
Compensation ..		415	0	0
Expenses of Investigation by Committee on Town Water Supplies ..		208	12	2
Administration in respect of expenditure from other funds and defence works (including Salaries, Pay Roll Tax, &c.) ..		54,392	11	11
Rivers and Reclamation Division, River Gaugings, Diversions, Land Leasing, Surveys and Reports, River Works ..		6,994	18	7
Irrigation Branch ..		1,158	12	0
Waterworks Trusts and Sewerage Authorities ..		2,128	18	5
Maintenance of Eppalock Weir and Mallee Tanks ..		854	12	2
Loch Garry Flood Protection District, proportion of maintenance ..		48	8	4
Special Appropriation ..		3,187	11	5
Travelling, Minister and Commissioners ..		1,415	12	9
Miscellaneous Services, Concessions to Soldiers, Free Water for Research, Military Leave, &c. ..		1,006	18	10
Total (From Annual Vote, £128,763 12s. 4d.; Special Appropriation, £3,187 11s. 5d.; Surplus Revenue, £104 15s. 1d.) ..		132,055	18	10
Amount debited by Treasury for Pensions ..		16,649	9	11
Expenditure under provisions of National (Emergency Powers) Act (No. 4645) ..		906	2	10
		149,611	11	7
Less Revenue received from Free Headworks, £4,819 8s. 9d.; Diversion Permits, £17,695 13s. 1d.; Recoups of Salaries of Officers on Loan, £1,746 8s. 2d.; Oncost on Expenditure from other funds and Recoups, £55,608 8s. 6d.; Grants by State in respect of Subsidies and assistance to Sewerage Authorities, £30,026 5s. 3d. and from Surplus Revenue, £104 15s. 1d. ..		110,000	18	10
		39,610	12	9
Interest on Capital Expenditure on Free Headworks and other Capital Expenditure borne by the State ..		893,788	5	8
Exchange on Overseas Interest Payments ..		114,234	16	5
		1,008,023	2	1
Less Interest on lands sold, &c. ..		1,085	3	1
		1,006,937	19	0
Commission Districts—		1,046,548	11	9
Districts the Capital Liability of each of which has been adjusted under Act No. 4513.				
Surplus of Revenue over Operating Costs after allowing for Depreciation £30,248 8s. 2d., and Redemption £8,183 2s. 4d. ..		165,007	8	6
Less Current Interest—				
Paid ..		107,611	8	10
Forward unpaid ..		16,484	8	8
		124,095	17	6
		40,911	11	0
Districts supplied by direction of Governor in Council but which show excess Revenue over Operating Costs after allowing for Depreciation £9,714 0s. 6d., and Redemption £448 4s. 11d.—				
Surplus ..		18,060	0	1
Less Current Interest paid ..		8,685	6	0
		9,374	14	1
Total Surplus ..		50,286	5	1
Deduct Excess Expenditure in Districts supplied by direction of Governor in Council and showing excess Expenditure over Revenue inclusive of Interest £2,116 12s. 1d., and Depreciation £12,484 18s. 10d. ..		124,794	7	6
Net Deficit ..		74,508	2	5
Add amounts paid to Revenue in respect of Depreciation paid in prior years £2,552 12s. 6d., and to State Loans Repayment Fund £444 10s. 5d. ..		2,997	2	11
		77,505	5	4
Deduct Redemption paid to Revenue ..		8,631	7	3
		68,873	18	1
Net Expenditure borne by the State ..		1,115,422	9	10

CAPITAL EXPENDITURE 1943-44.

		£	s.	d.
Expenditure during the year on Capital Works of Water Supply—				
Ordinary Loan Funds (Details, pages 94-95) ..		143,177	10	6

LOAN CAPITAL LIABILITY.

Net Loan Liability of State for Works of Country Water Supply at 30th June, 1944 ..		25,914,913	3	1
Represented by—				
Works at Debit of Authorities—				
Commission Districts ..		3,589,708	8	4
Water Supply Plant and Machinery Account ..		42,485	3	3
Waterworks Trusts and Local Governing Bodies ..		1,934,327	16	2
		5,566,521	7	9
Capital Expenditure Borne by the State—				
Free Headworks ..		1,230,566	12	10
Capital Works and Charges not apportionable to Districts ..		1,344,945	14	0
Headworks and Distributary Works ..		18,618,720	14	10
Waterworks Trusts and Local Governing Bodies ..		1,101,005	10	9
Free Grants to Local Authorities in early years ..		142,356	4	11
		22,437,594	17	4
Net Loan Capital Liability of Commission's Districts, Divisions, and Works under control of the Commission ..		28,004,116	5	1
Less Amount from National Debt Sinking Fund (page 103) ..		2,097,874	0	2
		25,906,242	4	11
Add Cash on Hand at Treasury ..		8,670	18	2
Net Liability Country Water Supply Capital Account in Treasury ..		25,914,913	3	1

INTEREST AND EXCHANGE.

The Total Interest due on the Loan Liability for 1943-44 is ..		1,084,725	14	6
To which is to be added Exchange payable on Overseas Interest ..		114,234	16	5
		1,198,960	10	11
Interest Debitable to—				
Works at Debit of Authorities—				
Commission Districts ..		134,897	15	7
Trusts ..		54,437	16	11
Water Supply Plant and Machinery Account ..		1,601	16	4
		190,937	8	10
Capital Expenditure Borne by the State—				
Free Headworks ..		47,283	8	6
Capital Works and Charges not apportionable to Districts ..		51,678	6	8
Headworks and Distributary Works not debited to Districts ..		715,407	9	6
Waterworks Trusts and Local Governing Bodies ..		73,949	2	11
Free Grants to Local Authorities in early years ..		5,469	18	1
		893,788	5	8
Exchange not apportioned ..		1,084,725	14	6
		114,234	16	5
		1,198,960	10	11

RECEIPTS AND DISBURSEMENTS.

STATEMENT of Moneys Received and Disbursed during the Year Ended 30th June, 1944.

Works.	Receipts (Exclusive of Credit for Urban Water).			Disbursements (Exclusive of Interest, Redemption and Depreciation Charges, and Charges for Rural Water).		
	Total.	Paid to— (a) Depreciation Fund. (b) State Loans Repayment Fund.	Paid to Consolidated Revenue.	From Annual Vote and (a) Special Appropriation.	From Surplus Revenue. Act 4968.	Total.
	£ s. d.	£ s. d.	£ s. d.	£ s. d.	£ s. d.	£ s. d.
Commission's Districts—						
Coliban Works	53,601 19 9	(a) 8,794 0 0	44,807 19 9	38,659 15 2	125 12 4	38,785 7 6
Irrigation Districts ..	352,396 6 1	(a) 17,182 0 0	333,214 6 1	254,938 4 7	9,112 18 7	263,151 3 2
Irrigation Urban Divisions ..	6,677 11 3		6,677 11 3	4,306 4 11	100 16 9	4,407 1 8
Waterworks Districts ..	167,223 11 2	(a) 27,065 0 0	140,158 11 2	209,725 11 4	4,846 2 6	214,571 13 10
Waterworks Urban Districts ..	101,394 19 1		101,394 19 1	47,269 0 0	699 18 2	47,968 18 2
Flood Protection Districts ..	10,343 17 1	(b) 444 10 5	9,899 6 8	4,404 14 6		4,404 14 6
Drainage Districts	23,105 3 11	(a) 1,959 0 0	21,146 3 11	34,871 9 11	2,051 6 3	36,922 16 2
Total—Commission's Districts	714,743 8 4	(a) 55,000 0 0 (b) 444 10 5	659,298 17 11	593,275 0 5	16,936 14 7	610,211 15 0
Other Expenditure (not directly chargeable to Districts)—						
Free Headworks—						
Broken River Works				81 14 0	57 5 0	138 19 0
Goulburn River Works ..	759 16 7		759 16 7	6,827 2 3		6,827 2 3
Kow Swamp Works	2,691 9 0		2,691 9 0	2,078 17 5		2,078 17 5
Lake Lonsdale Reservoir ..	408 7 1		408 7 1	1 6 6		1 6 6
Loddon River Works	157 5 0		157 5 0	595 10 2		595 10 2
North-West Lakes Works ..	802 11 1		802 11 1	523 1 1		523 1 1
Lower Wimmera Compensation Works				138 15 9		138 15 9
Total—Free Headworks ..	4,819 8 9		4,819 8 9	10,246 7 2	57 5 0	10,303 12 2
Loch Garry (proportion of maintenance borne by State) ..				48 8 4		48 8 4
Irrigation Branch				1,158 12 0		1,158 12 0
Waterworks Trusts and Sewerage Authorities				2,128 18 5		2,128 18 5
Rivers and Reclamation Division, Surveys, Investigations, &c. ..				6,994 18 7		6,994 18 7
Eppalock Weir, River Improvements, &c.				807 2 1	47 10 1	854 12 2
River Murray Commission—State Contribution towards Maintenance. River Murray Works ..				11,000 0 0		11,000 0 0
Special Appropriation, Act No. 3801, Sections 19, 20				(a) 3,187 11 5		3,187 11 5
Travelling—Minister and Commissioners				1,415 12 9		1,415 12 9
Administration of Defence Works Construction, Salaries, Pay Roll Tax, Workers' Compensation, General Expenditure and Services to River Murray Commission, other Authorities, and Water Users	55,608 8 6		55,608 8 6	54,392 11 11		54,392 11 11
Exceptional—						
Contribution to War Damage Fund, assistance and subsidies to Sewerage Authorities, &c.				39,564 2 3		39,564 2 3
Miscellaneous Services—Free water for research, concessions to soldiers, &c.				1,006 18 10		1,006 18 10
Miscellaneous Collections—Diversion Permits, Rents, &c.	17,695 13 1		17,695 13 1			
Total	73,304 1 7		73,304 1 7	118,517 5 2 (a) 3,187 11 5	47 10 1	121,752 6 8
Total—Other Expenditure ..	78,123 10 4		78,123 10 4	128,763 12 4 (a) 3,187 11 5	104 15 1	132,055 18 10
Grand Totals	792,866 18 8	(a) 55,000 0 0 (b) 444 10 5	737,422 8 3	725,226 4 2	17,041 9 8	742,267 13 10

Net Receipts paid to Consolidated Revenue	£ s. d.	£ s. d.
Grants from Revenue—		737,422 8 3
Surplus Revenue	17,041 9 8	
To assist Sewerage Authorities	30,026 5 3	
		47,067 14 11
Total Disbursements from Votes, Special Appropriation and Surplus Revenue		784,490 3 2 742,267 13 10
Surplus from Commission's operations		42,222 9 4
Surplus from other debits and credits		41,315 11 9
Amount available towards Interest and Exchange, Depreciation and Redemption (page 56)		83,538 1 1

The expenditure on services of a National Character, not directly chargeable to water users, included Maintenance and Management of Free Headworks, £10,303 12s. 2d.; Maintenance of River Murray Commission Works, £11,000; Contribution to War Damage Fund, £5,496 15s.; Assistance to Sewerage Authorities, £11,919; Subsidies to Sewerage Authorities where interest paid on Capital Liability is in excess of the rate of 3 per cent., £18,107 5s. 3d.; Subsidies to Waterworks Trusts and Local Governing Bodies to enable a reduction of 33½ per cent. to be made in Water Rates, £419 9s. 10d.; Compensation, £415; Expenses of Investigation by Committee on Town Water Supplies, £206 12s. 2d.; Administration in respect of expenditure from other funds and defence works (including Salaries, Pay Roll Tax, &c.), £54,392 11s. 11d.; Rivers and Reclamation Division, River Gaugings, Diversions, Land Leasing, Surveys and Reports, £6,994 18s. 7d.; Irrigation Branch, £1,158 12s.; Waterworks and Sewerage Authorities, £2,128 18s. 5d.; Maintenance of Eppalock Weir and Mallee Tanks, £854 12s. 2d.; Loch Garry Flood Protection District, proportion of maintenance £48 8s. 4d.; Special Appropriation, £3,187 11s. 5d.; Travelling, Minister and Commissioners, £1,415 12s. 9d.; Miscellaneous Services, Concessions to Soldiers, Free Water for Research, Military Leave, &c., £1,006 18s. 10d. Total 132,055 18 10

Additional Expenditure not included in above statement:—Amount debited by Treasury for Pensions, £16,649 9s. 11d.; Expenditure under provisions of National (Emergency Powers) Act No. 4645, £906 2s. 10d. Total 17,555 12 9

Gross Total 149,611 11 7
Against the foregoing expenditure there may be set off Revenue received from Free Headworks, £4,819 8s. 9d.; Diversion Permits, £17,695 13s. 1d.; Recoups of Salaries of Officers on Loan, £1,746 8s. 2d.; Oncoast on Expenditure from other funds and Recoups, £55,608 8s. 6d.; Grants by State in respect of subsidies and assistance to Sewerage Authorities, £30,026 5s. 3d. and from Surplus Revenue, £104 15s. 1d. 110,000 18 10
Net Cost to the State for services of a National Character 39,610 12 9

COLIBAN SYSTEM.

CASH ACCOUNT.

STATEMENT of Moneys received and disbursed from 1st July, 1905, to 30th June, 1944; also of Interest charged at the rate of 3.758 per cent. on Capital Debits and of Depreciation and Redemption charged for Financial Year 1943-44.

District.	Receipts.		Expenditure.						Excess Receipts over Expenditure, 1943-44.	Excess Expenditure over Receipts, 1943-44.	Accumulated—		
	Receipts.	Total to 1905 to 30th June, 1944.	Operating Costs.	Interest.	Depreciation.	Redemption.	Total.	Total to 1905 to 30th June, 1944.			Surplus Credited to District Account at 30th June, 1944.	Deficiency Chargeable to District Account at 30th June, 1944.	Deficiency Chargeable to State Account at 30th June, 1944 (Inclusive of Column 11).
1.	2.	3.	4.	5.	6.	7.	8.	9.	10.	11.	12.	13.	14.
1. Coliban	£ s. d. 50,099 15 3	£ s. d. 1,595,190 16 0	£ s. d. 36,804 10 3	£ s. d. 10,989 13 8	£ s. d. 7,678 0 0	£ s. d. ..	£ s. d. 55,472 3 11	£ s. d. 2,432,204 3 7	£ s. d. ..	£ s. d. 5,372 8 8	£ s. d. ..	£ s. d. 837,103 7 7	£ s. d. ..
2. Harcourt	£ s. d. 2,859 16 0	£ s. d. 43,936 3 8	£ s. d. 1,354 5 9	£ s. d. 576 5 8	£ s. d. 13 0 0	£ s. d. 38 16 5	£ s. d. 1,982 7 10	£ s. d. 43,465 17 8	£ s. d. 877 8 2	£ s. d. ..	£ s. d. 470 6 0	£ s. d. ..	£ s. d. ..
3. Marong	£ s. d. 131 16 11	£ s. d. 2,641 0 5	£ s. d. 217 10 4	£ s. d. 0 15 7	£ s. d. 39 0 0	£ s. d. ..	£ s. d. 257 14 11	£ s. d. 2,733 10 3	£ s. d. ..	£ s. d. 125 18 0	£ s. d. ..	£ s. d. 92 9 10	£ s. d. ..
Totals	£ s. d. 53,091 8 2	£ s. d. 1,641,768 0 1	£ s. d. 38,376 15 4	£ s. d. 11,566 14 11	£ s. d. 7,730 0 0	£ s. d. 38 16 5	£ s. d. 57,712 6 8	£ s. d. 2,478,493 11 6	£ s. d. 877 8 2	£ s. d. 5,498 6 8	£ s. d. 470 6 0	£ s. d. 837,105 17 5	£ s. d. ..
4. Aze Creek	£ s. d. 510 11 7	£ s. d. 10,212 7 4	£ s. d. 408 12 2	£ s. d. 117 11 9	£ s. d. ..	£ s. d. ..	£ s. d. 526 3 11	£ s. d. 11,211 7 9	£ s. d. ..	£ s. d. 15 12 4	£ s. d. ..	£ s. d. 983 8 1	£ s. d. 15 12 4
Grand Totals	£ s. d. 53,601 19 9	£ s. d. 1,651,980 7 5	£ s. d. 38,785 7 6	£ s. d. 11,684 6 8	£ s. d. 7,730 0 0	£ s. d. 38 16 5	£ s. d. 58,238 10 7	£ s. d. 2,489,704 19 3	£ s. d. 877 8 2	£ s. d. 5,513 19 0	£ s. d. 470 6 0	£ s. d. 839,179 5 6	£ s. d. 15 12 4

The District set out hereunder is one 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 this district has been transferred to the "Revenue Expenditure Chargeable to the State Account". (By authority of Order in Council, dated 8th November, 1943, under the provisions of Section 6, *Water Act* 1937, No. 4513.)

COLIBAN SYSTEM.

PROFIT AND LOSS ACCOUNT FOR FINANCIAL YEAR 1943-44.

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

District.	Revenue Assessment.		Expenditure.								Excess Assessment over Expenditure.	Excess Expenditure over Assessment.	Revenue Due for Previous Years Written Off.	Adjustments to Revenue for Years prior to 1943-44.		Total Loss as at 30th June, 1944.	Total Gain as at 30th June, 1944.		
	Operating Costs.		Interest.		Depreciation.		Redemption.		Amounts Written Off.					Total.					
	£	s. d.	£	s. d.	£	s. d.	£	s. d.	£	s. d.				£	s. d.			£	s. d.
1. Coliban	51,096	16 0	36,804	10 3	10,989	13 8	7,678	0 0	731	0 11	6	19 2	56,210	4 0	..	..	577 14 1
2. Harcourt	2,842	19 3	1,354	5 9	576	5 8	13	0 0	38	16 5	..	..	1,982	7 10	860	11 5	..
3. Marong	142	7 0	217	19 4	0	15 7	39	0 0	0	1 8	..	..	257	16 7	..	..	..
Totals	54,082	2 3	38,376	15 4	11,566	14 11	7,730	0 0	769	19 0	6	19 2	58,450	8 5	860	11 5	577 14 4
The District set out hereunder is one 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 this district has been transferred to the "Revenue Expenditure Chargeable to the State Account". (By authority of Order in Council, dated 8th November, 1943, under the provisions of Section 6, Water Act 1937, No. 4513.)																			
4. Aze Creek	492	1 8	408	12 2	117	11 9	..	..	7	16 5	..	..	534	0 4	..	..	..
Grand Totals	54,574	3 11	38,785	7 6	11,684	6 8	7,730	0 0	777	15 5	6	19 2	58,984	8 9	860	11 5	577 14 4

IRRIGATION AND WATER SUPPLY DISTRICTS.

CASH ACCOUNT.

STATEMENT of Moneys received and disbursed from 1st May, 1906, to 30th June, 1944; also of Interest charged at the rate of 3·758 per cent. on Capital Debits and of Redemption and Depreciation charged for Financial Year 1943-44 (Free Headworks excluded).

District.	Receipts.			Total.	Total 1906 to 30th June, 1944.	Operating Costs.	(A) Interest. (B) Redemption.		Expenditure.		Total.	Total 1906 to 30th June, 1944.	Excess Receipts over Expenditure, 1943-44.	Excess Expenditure over Receipts, 1943-44.	Accumulated Surplus or Deficiency at 30th June, 1944.	
	£	s.	d.				£	s.	d.	£					s.	d.	(b) Chargeable or (s) Credited to District Account.	Chargeable to State Account. (Inclusive of Column 12.)
1.	2.	3.	4.	5.	6.	7.	8.	9.	10.	11.	12.	13.	14.			
1. Bacchus Marsh	5,725	2 10	6,428	2 10	£ s. d.	£ s. d.	£ s. d.	£ s. d.	£ s. d.	£ s. d.	£ s. d.	£ s. d.	£ s. d.	£ s. d.	£ s. d.	£ s. d.
2. Boort	6,113	0 7	6,113	0 7	703 0 0	3,817 18 4	(A) 2,693 9 7 (B) 582 7 1	18 0 0	6,529 7 11	194,724 19 7	..	101 5 1	(D) 27,321 5 5	..	..	..
3. Calivil	4,078	15 6	4,078	15 6	..	9,682 12 5	(A) 582 7 1 (B) 332 16 0	27 0 0	10,241 19 6	143,576 10 7	..	4,128 18 11	(D) 2,033 19 3	..	..	..
4. Campaspe	951	3 1	951	3 1	..	2,388 1 1	(A) 332 16 0 (B) 22 9 4	1 3 0	2,756 6 5	65,585 6 0	1,322 9 1	..	(D) 14,589 16 4	..	..	..
5. Colona	24,813	14 0	24,963	14 0	..	365 8 9	..	..	365 8 9	31,456 4 6	585 14 4	..	(D) 2,679 18 2	..	..	..
6. Deakin	6,222	4 10	6,227	4 10	150 0 0	12,575 18 11	(A) 8,652 12 3 (B) 584 4 4	..	21,812 15 6	572,328 4 10	3,150 18 6	..	(S) 753 14 10	..	..	..
7. Dungee	2,336	15 10	2,341	15 10	5 0 0	2,777 15 6	(A) 1,067 17 8 (B) 72 2 6	..	3,917 15 8	150,988 3 10	2,309 9 2	..	(S) 2,608 10 2	..	..	..
8. Katandra	3,643	0 10	3,643	0 10	5 0 0	1,159 2 7	(A) 419 16 4 (B) 28 7 0	10 0 0	1,617 5 11	58,746 1 4	724 9 11	..	(D) 3,759 0 3	..	..	..
9. Kerang	9,933	9 6	9,933	9 6	..	2,190 0 9	(A) 546 15 6 (B) 36 16 7	12 0 0	2,785 12 10	61,906 2 6	857 8 0	..	(D) 27,276 14 5	..	..	..
10. Koorerook	12,216	5 9	12,275	5 9	..	5,231 3 4	(A) 2,393 7 2 (B) 161 11 10	..	7,786 2 4	227,794 18 1	2,147 7 2	..	(S) 2,316 11 9	..	..	..
11. Maffra-Sale	19,429	11 0	19,572	11 0	143 0 0	11,573 11 11	(A) 3,257 12 0 (B) 161 11 10	..	14,831 3 11	360,134 14 3	..	2,555 18 2	(D) 58,250 2 9	..	..	..
12. Murray Valley	12,026	18 5	12,026	18 5	..	8,856 0 8	(A) 6,568 2 5 (B) 441 10 2	130 0 0	15,996 2 5	204,474 5 6	3,376 8 9	..	(S) 10,604 3 8	..	..	..
13. Mystic Park	984	1 5	984	1 5	..	7,904 6 3	(A) 1,019 12 8 (B) 68 0 0	..	8,991 18 11	30,529 8 11	3,634 19 6	..	(S) 483 2 7	..	..	..
14. North Shepparton	9,246	3 7	9,246	3 7	..	1,218 14 7	(A) 250 3 2 (B) 262 8 4	..	1,468 17 9	27,712 4 6	..	484 16 4	(D) 4,112 0 1	..	..	..
15. Rochester	31,662	0 9	31,662	0 9	20 0 0	4,919 19 4	(A) 2,621 8 4 (B) 176 11 7	26 0 0	7,743 19 3	122,324 9 1	1,502 4 4	..	(D) 41,857 6 1	..	..	..
16. Rodney	36,904	12 3	36,904	12 3	..	15,058 2 2	(A) 7,217 17 0 (B) 487 0 5	117 0 0	22,880 9 5	612,850 0 11	8,801 11 4	..	(D) 32,301 12 2	..	..	..
17. Shepparton	9,576	9 7	9,576	9 7	..	35,515 6 6	(A) 5,798 1 10 (B) 2,721 9 6	128 0 0	41,441 8 4	991,066 9 6	..	5,436 16 1	(D) 75,440 17 7	..	..	..
18. South Shepparton	2,551	13 2	2,551	13 2	..	7,874 15 2	(A) 2,721 9 6 (B) 44 5 9	47 0 0	10,643 4 8	294,343 19 3	..	1,066 15 1	(D) 63,330 19 10	..	..	..
19. Swan Hill	13,195	2 5	13,195	2 5	..	1,806 8 9	(A) 655 15 0 (B) 44 5 9	10 0 0	2,516 9 6	48,463 15 5	35 3 8	..	(D) 2,562 4 9	..	..	..
20. Third Lake	975	12 5	975	12 5	..	12,035 0 3	(A) 2,563 2 2 (B) 173 6 0	340 0 0	15,838 2 5	288,404 18 4	..	2,643 0 0	(D) 7,818 3 10	..	..	..
21. Tongala-Stanhope	24,802	14 5	24,835	14 5	33 0 0	512 7 0	(A) 173 6 0 (B) 11 14 1	..	697 7 1	20,595 12 6	278 5 4	..	(D) 1,858 1 2	..	..	..
22. Traragon Plains	16,066	15 3	16,112	15 3	46 0 0	13,105 5 9	(A) 5,460 15 3 (B) 368 15 3	106 0 0	19,040 16 6	474,461 16 10	5,794 17 11	..	(D) 83,708 15 7	..	..	..
23. Werribee	8,265	4 7	8,265	4 7	..	12,071 15 8	(A) 4,337 11 5 (B) 4,427 18 9	69 0 0	16,478 7 1	478,786 3 9	..	365 11 10	(D) 48,750 9 11	..	..	..
Totals	260,820	12 0	261,984	12 0	1,164 0 0	4,485 2 11	(A) 4,427 18 9 (B) 63,711 18 2	82 0 0	8,995 1 8	207,424 14 6	..	729 17 1	(D) 24,385 12 4	..	..	..
					1,135 0 0	178,024 18 7	(A) 63,711 18 2 (B) 2,504 6 10	1,135 0 0	245,376 3 7	5,679,769 4 6	34,121 7 0	17,512 18 7	{(D) 522,036 19 11 {(S) 16,766 3 0}	..	..	..

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

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

IRRIGATION AND WATER SUPPLY DISTRICTS—continued.

CASH ACCOUNT—continued.

STATEMENT of Moneys received and disbursed from 1st May, 1906, to 30th June, 1944; also of Interest charged at the rate of 3·758 per cent. on Capital Debts and of Redemption and Depreciation charged for Financial Year 1943-44 (Free Headworks excluded)—continued.

District.	Receipts.			Expenditure.							Excess Receipts over Expenditure, 1943-44.	Excess Expenditure over Receipts, 1943-44.	Accumulated Surplus or Deficiency at 30th June, 1944.	
	Receipts.	Urban Water.	Total.	Total 1906 to 30th June, 1944.	Operating Costs.	(A) Interest. (B) Redemption.	Depreciation.	Total.	Total 1906 to 30th June, 1944.	(b) Chargeable or Credited to District Account.			Chargeable to State Account. (Inclusive of Column 12.	
1.	2.	3.	4.	5.	6.	7.	8.	9.	10.	11.	12.	13.	14.	
	£ s. d.	£ s. d.	£ s. d.	£ s. d.	£ s. d.	£ s. d.	£ s. d.	£ s. d.	£ s. d.	£ s. d.	£ s. d.	£ s. d.	£ s. d.	
24. Fish Point	692 15 6	..	692 15 6	14,117 0 9	702 17 5	..	..	702 17 5	17,260 15 10	..	10 1 11	(D) 3,133 13 2	10 1 11
25. Merbein	30,264 4 9	120 0 0	30,384 4 9	688,811 18 0	30,053 10 11	{(A) 1,965 3 5 (B) ..	3,223 0 0	35,241 14 4	751,938 9 7	..	4,857 9 7	(D) 54,826 10 6	8,800 1 1	
26. Nyah	9,371 9 3	141 0 0	9,512 9 3	214,841 13 9	9,946 7 6	{(A) 163 3 7 (B) ..	672 0 0	9,881 11 1	256,772 18 6	..	369 1 10	(D) 41,562 2 11	369 1 10	
27. Red Cliffs	48,088 7 4	250 0 0	48,338 7 4	778,641 5 4	38,836 5 10	{(A) 1,730 5 2 (B) ..	8,929 0 0	49,495 11 0	819,479 14 7	..	1,157 3 8	(D) 39,681 5 7	1,157 3 8	
28. Tresco	3,158 17 3	..	3,158 17 3	46,050 2 10	6,487 2 11	..	417 0 0	6,904 2 11	122,085 0 9	..	3,745 5 8	(D) 65,072 13 2	10,962 4 9	
Totals	91,575 14 1	511 0 0	92,086 14 1	1,742,462 0 8	85,126 4 7	{(A) 3,858 12 2 (B) ..	13,241 0 0	102,225 16 9	1,967,536 19 3	..	10,139 2 8	(D) 203,776 5 4	21,298 13 3	
Grand Totals	352,396 6 1	1,675 0 0	354,071 6 1	6,916,060 8 3	263,151 3 2	{(A) 67,570 10 4 (B) 2,504 6 10	14,376 0 0	347,602 0 4	7,047,306 3 9	34,121 7 0	27,652 1 3	{(D) 725,813 5 3 (S) 16,766 3 0	21,298 13 3	

The Districts set out hereunder are those whose works will not produce sufficient revenue to cover the expense of the maintenance and management thereof, and where water supplies are being continued by direction of the Governor in Council. The annual amount of loss resulting from the maintenance and management of these districts has been transferred to the "Revenue Expenditure Chargeable to the State Account." (By authority of Orders in Council, dated 30th July, 1938, and 16th November, 1942, under the provisions of Section 6, *Water Act*, 1917 No. 4313.)

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

The Districts set out hereunder are those whose works will not produce sufficient revenue to cover the expense of the maintenance and management thereof, and where water supplies are being continued by direction of the Governor in Council. The annual amount of loss resulting from the maintenance and management of these districts has been transferred to the "Revenue Expenditure Chargeable to the State Account." (By authority of Orders in Council, dated 30th July, 1938, and 16th November, 1942, respectively, under the provisions of Section 5, *Water Act* 1937, No. 4313.)

URBAN DIVISIONS.

CASH ACCOUNT.

STATEMENT of Moneys received and disbursed from 1st May, 1906, to 30th June, 1944; also of Interest charged at the rate of 3·758 per cent. on Capital Debits and of Redemption and Depreciation Charged for Financial Year 1943-44. (Free Headworks excluded.)

Division.	Receipts.			Expenditure.							Accumulated.			
	2.	3.	4.	5.	6.	7.	8.	9.	10.	11.	12.	13.	14.	
	£ s. d.	£ s. d.	£ s. d.	£ s. d.	(A) Interest, (B) Redemption.	Depreciation.	Total.	Total 1906 to 30th June, 1944.	Excess Receipts over Expenditure 1943-44.	Excess Expenditure over Receipts 1943-44.	Surplus Credited to District Account at 30th June, 1944.	Deficiency Chargeable to District Account at 30th June, 1944.	Deficiency Chargeable to State Account at 30th June, 1944. (Inclusive of column 11.)	
1. Bacchus Marsh	1,947 1 11	52,733 7 2	932 5 8	703 0 0	(A) 382 12 5	126 0 0	2,143 18 1	52,053 9 1	..	196 16 2	679 18 1	..	..
2. Cohuna	1,176 14 4	27,552 1 2	721 10 4	112 0 0	(A) 120 19 4 (B) 8 7 8	99 0 0	1,061 17 4	26,366 2 8	114 17 0	..	1,185 18 6	..	..
3. Dingee	64 11 4	1,675 16 9	182 18 5	5 0 0	..	14 0 0	201 18 5	1,936 10 1	..	137 7 1	..	260 13 4	..	
4. Leitchville	363 4 11	7,488 1 8	246 17 7	38 0 0	..	45 0 0	320 17 7	7,008 19 5	33 7 4	..	479 2 3	..	..
5. Lockington	275 0 2	5,926 19 9	154 11 8	20 0 0	(A) 4 8 3 (B) 6 7 5	61 0 0	240 7 4	5,327 14 8	34 12 10	..	599 5 1	..	..
6. Red Cliffs	2,170 12 3	37,175 0 5	1,068 14 4	..	(A) 55 2 10 (B) 4 4 6	193 0 0	1,921 1 8	34,076 10 7	249 10 7	..	3,098 9 10	..	..
7. Stanhope	207 8 10	4,973 4 11	64 15 11	33 0 0	..	35 0 0	132 15 11	3,988 10 10	74 12 11	..	984 14 1	..	..
Totals ..	6,204 13 9	137,524 11 10	3,971 13 11	911 0 0	(A) 563 2 10 (B) 12 19 7	573 0 0	6,031 16 4	130,757 17 4	507 0 8	334 3 3	7,027 7 10	260 13 4	..	
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 Order in Council dated 30th July, 1938, under the provisions of Section 6, <i>Water Act 1937</i> , No. 4513.)														
8. Corop	13 3 4	948 1 11	8 11 11	5 0 0	..	6 0 0	19 11 11	980 19 1	..	6 8 7	..	26 8 7	6 8 7	
9. Heyfield	372 4 3	7,159 18 2	306 3 10	143 0 0	..	115 0 0	564 3 10	7,464 4 7	..	191 19 7	..	112 6 10	191 19 7	
10. Murrabit	87 9 11	999 9 2	120 12 0	5 0 0	..	33 0 0	158 12 0	1,529 8 2	..	71 2 1	..	122 18 0	407 1 0	
Totals ..	472 17 6	9,107 9 3	435 7 9	153 0 0	..	154 0 0	742 7 9	9,974 11 10	..	269 10 3	..	261 13 5	605 9 2	
Grand Totals	6,677 11 3	146,632 1 1	4,407 1 8	1,064 0 0	(A) 563 2 10 (B) 12 19 7	727 0 0	6,774 4 1	140,732 9 2	507 0 8	603 13 6	7,027 7 10	522 6 9	605 9 2	

URBAN DIVISIONS.

PROFIT AND LOSS ACCOUNT FOR FINANCIAL YEAR 1943-44.

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

Division.	Revenue Assessment.	Expenditure.						Profit and Loss.				
		Operating Costs.	Interest.	Depreciation.	Redemption.	Amounts Written Off.	Total.	Excess Assessment over Expenditure.	Excess Expenditure over Assessment.	Revenue Due for Previous Years Written Off.	Adjustments to Revenue for Years Prior to 1943-44.	Total Loss as at 30th June, 1944.
		£ s. d.	£ s. d.	£ s. d.	£ s. d.	£ s. d.	£ s. d.	£ s. d.	£ s. d.	£ s. d.	(A) Loss. (B) Gain.	£ s. d.
1. Bacchus Marsh ..	2,052 4 7	1,635 5 8	382 12 5	126 0 0	25 16 9	..	2,169 14 10	..	117 10 3	..	(A) 37 2 6	825 14 7
2. Cohuna ..	1,160 4 10	833 10 4	120 19 4	99 0 0	8 7 8	..	1,061 17 4	98 7 6	..	2 1 2	(A) 27 5 0	1,433 5 9
3. Dingee ..	59 13 7	187 16 5	..	14 0 0	..	..	201 16 5	..	142 4 10	..	..	..
4. Jettchville ..	285 18 7	284 17 7	..	45 0 0	..	..	329 17 7	..	43 19 0	..	..	583 2 4
5. Lockington ..	221 4 10	174 11 8	4 8 3	61 0 0	0 7 5	0 15 0	241 2 4	..	19 17 6	3 1 9	(A) 2 5 3	707 10 10
6. Red Cliffs ..	2,089 11 11	1,668 14 4	55 2 10	193 0 0	4 4 6	..	1,921 1 8	168 10 3	..	..	(B) 3 10 0	4,398 14 7
7. Stanhope ..	175 11 1	97 15 11	..	35 0 0	..	..	132 15 11	42 15 2	..	..	..	992 15 11
Totals ..	6,044 9 5	*4,882 13 11	563 2 10	573 0 0	38 16 4	0 15 0	6,058 8 1	309 12 11	323 11 7	5 2 11	(A) 66 12 9 (B) 3 10 0	8,941 4 0
<p>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 Order in Council dated 30th July, 1938, under the provisions of Section 6, <i>Water Act</i> 1937, No. 4513.)</p>												
8. Corop ..	16 8 9	13 11 11	..	6 0 0	..	..	19 11 11	..	3 3 2	..	..	18 3 9
9. Heyfield ..	367 16 11	449 3 10	..	115 0 0	..	..	564 3 10	..	196 6 11	..	..	178 17 3
10. Murrabit ..	62 7 6	125 12 0	..	33 0 0	..	..	158 12 0	..	96 4 6	..	(B) 3 0 0	671 4 8
Totals ..	446 13 2	*588 7 9	..	154 0 0	..	..	742 7 9	..	295 14 7	..	(B) 3 0 0	868 5 8
Grand Totals ..	6,491 2 7	*5,471 1 8	563 2 10	727 0 0	38 16 4	0 15 0	6,800 15 10	309 12 11	619 6 2	5 2 11	(A) 66 12 9 (B) 6 10 0	8,941 4 0

* Includes charges for water supplied from Rural Districts, £1,064.

WATERWORKS DISTRICTS.

CASH ACCOUNT.

STATEMENT of Moneys received and disbursed from 1st May, 1906, to 30th June, 1944 ; also of Interest charged at the rate of 3·758 [per cent. on Capital Debts, and also Redemption and Depreciation charged for Financial Year 1943-44. (Free Headworks excluded.)

District.	Receipts.				Expenditure.				(S) Excess Receipts over Expenditure, (D) Excess Expenditure over Receipts, 1943-44.	Chargeable to State Account, (S) Credited to District Account. (Column 12.)	Accumulated Surplus or Deficiency at 30th June, 1944.								
	Urban Water.		Total.		Operating Costs.		Rural Water.					(A) Interest, (B) Redemption.		Depreciation.		Total.		Total 1908 to 30th June, 1944.	
	£ s. d.	£ s. d.	£ s. d.	£ s. d.	£ s. d.	£ s. d.	£ s. d.	£ s. d.				£ s. d.	£ s. d.	£ s. d.	£ s. d.	£ s. d.	£ s. d.	£ s. d.	£ s. d.
1.	2.	3.	4.	5.	6.	7.	8.	9.	10.	11.	12.	13.	14.						
1. Bellarine Peninsula ..	7,850 1 2	..	7,850 1 2	71,359 5 5	3,412 15 11	..	{(A) 3,121 13 4 (B) 210 2 6}	2,986 0 0	8,744 14 7	73,783 18 0	(S) 1,144 6 7	(D) 2,426 12 7	£ s. d.						
2. Mornington Peninsula ..	7,814 16 3	..	7,814 16 3	101,692 7 6	1,806 8 6	..	{(A) 2,362 3 9 (B) 158 13 2}	..	7,813 7 5	90,470 9 7	(S) 501 8 10	(S) 11,221 17 11	..						
3. Newstead ..	29 0 0	..	29 0 0	155 10 0	..	..	..	..	..	101 10 0	(S) 29 0 0	(S) 54 0 0	..	
4. Normanville ..	1,694 7 3	..	1,694 7 3	10,307 9 1	986 2 10	50 0 0	(A) 745 17 0	..	1,781 19 10	10,783 12 8	(D) 87 12 7	(D) 478 3 7	..						
5. Otway ..	8,087 2 2	..	8,087 2 2	35,740 5 3	1,732 0 5	..	(A) 3,463 16 9	2,871 5 0	8,087 2 2	42,820 11 2	..	(D) 7,080 5 11	..						
6. Werribee ..	534 8 1	..	534 8 1	15,919 14 4	185 1 4	..	{(A) 152 6 8 (B) 10 6 4}	..	347 14 4	17,927 18 2	(S) 186 13 9	(D) 1,308 3 10	..						
7. Western Wimmera ..	19,268 15 1	517 0 0	19,785 15 1	465,157 9 4	15,750 19 1	..	(A) 5,927 5 4	595 0 0	22,273 4 1	487,088 0 10	(D) 2,487 9 0	(D) 21,930 11 6	..						
8. Wimmera United ..	21,908 8 11	135 0 0	22,103 8 11	505,683 19 9	11,814 16 2	..	{(A) 9,944 2 1 (B) 311 10 8}	33 0 0	22,103 8 11	512,487 18 0	..	(D) 6,803 18 3	..						
Totals ..	67,285 18 11	652 0 0	67,937 18 11	1,206,016 0 8	35,708 4 3	50 0 0	{(A) 25,717 6 7 (B) 690 15 6}	6,485 5 0	68,651 11 4	1,234,767 18 5	{(S) 1,861 9 2 (D) 2,575 1 7}	{(D) 40,027 15 8 (S) 11,275 17 11}	..						
<p>The Districts set out hereunder are those whose works will not produce sufficient revenue to cover the expense of the maintenance and management thereof, 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, 1939, and 21st October, 1941, under the provisions of section 6, Water Act 1937, No. 4513.)</p>																			
9. Birchip ..	5,070 17 4	139 0 0	5,229 17 4	135,919 2 11	3,412 8 1	..	{(A) 944 6 6 (B) 63 12 3}	..	4,420 6 10	166,014 13 8	(S) 809 10 6	(D) 31,095 10 9	..						
10. Carwarp ..	1,118 18 10	..	1,118 18 10	24,226 5 0	3,656 6 10	250 0 0	..	240 0 0	3,546 6 10	93,566 10 3	(D) 2,426 8 0	(D) 57,086 7 6	12,253 17 9						
11. Carwarra Central ..	246 14 5	15 0 0	261 14 5	3,149 16 8	412 10 9	..	..	20 0 0	432 10 9	6,081 8 9	(D) 170 16 4	(D) 2,100 4 2	741 7 11				
12. Corsewa ..	1,256 9 3	..	1,256 9 3	7,732 3 9	3,362 5 11	..	..	795 0 0	4,357 5 11	51,307 4 11	(D) 3,120 16 8	(D) 28,374 10 4	15,200 10 10				
13. Hindmarsh ..	1,459 3 3	..	1,459 3 3	19,375 8 9	718 19 0	..	{(A) 217 15 11 (B) 14 14 2}	139 0 0	1,090 9 1	18,850 6 8	(S) 308 14 2	(S) 525 2 1	..						
14. Karkaroc ..	14,435 7 10	629 0 0	15,064 7 10	384,583 4 8	13,919 0 3	..	{(A) 42 14 1 (B) 14 9 8}	..	13,976 4 0	429,431 4 7	(S) 1,088 3 10	(D) 54,444 1 7	20,403 18 9						
15. Kerang North-West Lakes ..	250 14 0	..	250 14 0	5,155 8 0	178 1 7	..	..	..	178 1 7	6,463 15 6	(S) 72 12 5	(D) 914 14 2	393 13 4			
16. Long Lake ..	8,718 2 5	321 0 0	9,039 2 5	200,198 6 3	13,847 9 2	..	(A) 322 9 0	175 0 0	14,344 18 2	325,147 16 3	(D) 5,305 15 9	(D) 51,592 16 8	13,356 13 4						
17. Millewa ..	3,689 18 9	72 0 0	3,761 18 9	48,691 6 10	24,714 6 1	..	..	2,988 0 0	27,702 6 1	223,370 5 2	(D) 23,940 7 4	(D) 101,867 14 8	72,821 3 7				
18. Millewa Central ..	1,925 5 0	36 0 0	1,961 5 0	25,597 16 3	19,387 1 11	..	(A) .. 7 9	1,224 0 0	20,611 1 11	140,208 9 3	(S) 18,694 16 11	(D) 55,903 8 10	58,707 4 2						
19. Sea Lake ..	8,424 0 8	418 0 0	8,842 0 8	246,240 14 1	8,246 14 10	..	..	..	8,247 2 7	284,404 6 8	(S) 594 18 1	(D) 37,808 17 2	354 15 5			
20. Tuynander ..	8,630 18 5	174 0 0	8,804 18 5	197,469 4 2	15,762 17 1	..	(A) 23 3 4	21 0 0	15,807 0 5	344,646 9 7	(D) 7,002 2 0	(D) 134,081 3 7	42,196 1 10						
21. Tyrell ..	7,794 15 1	80 0 0	7,874 15 1	226,173 6 2	17,460 11 11	..	(A) 0 1 6	43 0 0	17,503 13 5	388,804 3 6	(D) 9,628 18 4	(D) 78,786 11 6	68,844 5 10						
22. Tyrell West ..	12,185 17 10	861 0 0	13,046 17 10	102,703 6 5	40,470 16 11	..	(A) 0 3 4	228 0 0	40,699 0 3	302,480 0 7	(D) 27,652 2 5	(D) 124,416 17 7	135,309 16 7						
23. Upper Western Wimmera ..	5,196 12 11	240 0 0	5,436 12 11	128,285 7 11	3,630 13 6	..	(A) 0 1 6	..	3,630 15 0	320,665 17 4	(S) 1,805 17 11	(S) 7,619 10 7	..						
24. Upper Wimmera ..	8,840 19 5	134 0 0	8,964 19 5	209,096 19 4	3,914 18 9	..	{(A) 2,369 5 0 (B) 159 14 7}	..	6,443 18 4	213,736 13 2	(S) 2,521 1 1	(D) 4,639 13 10	..						
25. Walpeup West ..	1,974 10 3	..	1,974 10 3	46,422 4 8	1,632 1 8	..	..	260 0 0	1,892 1 8	57,940 12 5	(S) 82 8 7	(D) 11,518 7 9	..				
26. Wycheproof ..	8,219 19 5	218 0 0	8,437 19 5	217,230 11 8	4,005 16 9	..	{(A) 2,903 9 1 (B) 105 12 0}	..	7,104 17 10	258,371 10 1	(S) 1,333 1 7	(D) 41,140 18 5	..						
27. Yelta ..	517 7 2	..	517 7 2	10,373 14 5	530 8 7	120 0 0	..	..	650 8 7	17,326 12 5	(D) 133 1 5	(D) 5,153 6 9	1,799 11 3				
Totals ..	99,937 12 3	8,347 0 0	108,284 12 3	2,238,624 7 6	178,863 9 7	370 0 0	{(A) 6,823 17 0 (B) 448 2 8}	6,133 0 0	192,638 9 8	3,488,708 0 9	{(S) 8,876 8 2 (D) 98,080 5 2}	{(D) 815,905 5 4 (S) 8,144 12 8}	442,383 0 7						
Grand Totals ..	167,283 11 2	3,999 0 0	171,222 11 2	3,444,640 8 2	214,571 13 10	420 0 0	{(A) 32,541 3 7 (B) 1,138 18 2}	12,618 5 0	261,290 0 7	4,723,535 19 2	{(S) 10,637 17 4 (D) 100,605 6 9}	{(D) 855,939 1 0 (S) 19,420 10 7}	442,383 0 7						
(S) = Surplus. (D) = Deficiency																			

WATERWORKS DISTRICTS.

PROFIT AND LOSS ACCOUNT FOR FINANCIAL YEAR 1943-44.

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

District.	Expenditure.										Profit and Loss.																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																	
	Revenue Assessment.					Operating Costs.					Interest.					Depreciation.					Redemption.					Amounts Written Off.					Total.					Excess Assessment over Expenditure.					Excess Expenditure over Assessment.					Revenue Due for Previous Years Written Off.					Adjustments to Revenue for Years prior to 1943-44.					Total Loss as at 30th June, 1944.					Total Gain as at 30th June, 1944.																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																															
	£	s.	d.	£	s.	d.	£	s.	d.	£	s.	d.	£	s.	d.	£	s.	d.	£	s.	d.	£	s.	d.	£	s.	d.	£	s.	d.	£	s.	d.	£	s.	d.	£	s.	d.	£	s.	d.	£	s.	d.	£	s.	d.	£	s.	d.	£	s.	d.	£	s.	d.	£	s.	d.	£	s.	d.	£	s.	d.	£	s.	d.	£	s.	d.	£	s.	d.	£	s.	d.	£	s.	d.	£	s.	d.	£	s.	d.	£	s.	d.	£	s.	d.	£	s.	d.	£	s.	d.	£	s.	d.	£	s.	d.	£	s.	d.	£	s.	d.	£	s.	d.	£	s.	d.	£	s.	d.	£	s.	d.	£	s.	d.	£	s.	d.	£	s.	d.	£	s.	d.	£	s.	d.	£	s.	d.	£	s.	d.	£	s.	d.	£	s.	d.	£	s.	d.	£	s.	d.	£	s.	d.	£	s.	d.	£	s.	d.	£	s.	d.	£	s.	d.	£	s.	d.	£	s.	d.	£	s.	d.	£	s.	d.	£	s.	d.	£	s.	d.	£	s.	d.	£	s.	d.	£	s.	d.	£	s.	d.	£	s.	d.	£	s.	d.	£	s.	d.	£	s.	d.	£	s.	d.	£	s.	d.	£	s.	d.	£	s.	d.	£	s.	d.	£	s.	d.	£	s.	d.	£	s.	d.	£	s.	d.	£	s.	d.	£	s.	d.	£	s.	d.	£	s.	d.	£	s.	d.	£	s.	d.	£	s.	d.	£	s.	d.	£	s.	d.	£	s.	d.	£	s.	d.	£	s.	d.	£	s.	d.	£	s.	d.	£	s.	d.	£	s.	d.	£	s.	d.	£	s.	d.	£	s.	d.	£	s.	d.	£	s.	d.	£	s.	d.	£	s.	d.	£	s.	d.	£	s.	d.	£	s.	d.	£	s.	d.	£	s.	d.	£	s.	d.	£	s.	d.	£	s.	d.	£	s.	d.	£	s.	d.	£	s.	d.	£	s.	d.	£	s.	d.	£	s.	d.	£	s.	d.	£	s.	d.	£	s.	d.	£	s.	d.	£	s.	d.	£	s.	d.	£	s.	d.	£	s.	d.	£	s.	d.	£	s.	d.	£	s.	d.	£	s.	d.	£	s.	d.	£	s.	d.	£	s.	d.	£	s.	d.	£	s.	d.	£	s.	d.	£	s.	d.	£	s.	d.	£	s.	d.	£	s.	d.	£	s.	d.	£	s.	d.	£	s.	d.	£	s.	d.	£	s.	d.	£	s.	d.	£	s.	d.	£	s.	d.	£	s.	d.	£	s.	d.	£	s.	d.	£	s.	d.	£	s.	d.	£	s.	d.	£	s.	d.	£	s.	d.	£	s.	d.	£	s.	d.	£	s.	d.	£	s.	d.	£	s.	d.	£	s.	d.	£	s.	d.	£	s.	d.	£	s.	d.	£	s.	d.	£	s.	d.	£	s.	d.	£	s.	d.	£	s.	d.	£	s.	d.	£	s.	d.	£	s.	d.	£	s.	d.	£	s.	d.	£	s.	d.	£	s.	d.	£	s.	d.	£	s.	d.	£	s.	d.	£	s.	d.	£	s.	d.	£	s.	d.	£	s.	d.	£	s.	d.	£	s.	d.	£	s.	d.	£	s.	d.	£	s.	d.	£	s.	d.	£	s.	d.	£	s.	d.	£	s.	d.	£	s.	d.	£	s.	d.	£	s.	d.	£	s.	d.	£	s.	d.	£	s.	d.	£	s.	d.	£	s.	d.	£	s.	d.	£	s.	d.	£	s.	d.	£	s.	d.	£	s.	d.	£	s.	d.	£	s.	d.	£	s.	d.	£	s.	d.	£	s.	d.	£	s.	d.	£	s.	d.	£	s.	d.	£	s.	d.	£	s.	d.	£	s.	d.	£	s.	d.	£	s.	d.	£	s.	d.	£	s.	d.	£	s.	d.	£	s.	d.	£	s.	d.	£	s.	d.	£	s.	d.	£	s.	d.	£	s.	d.	£	s.	d.	£	s.	d.	£	s.	d.	£	s.	d.	£	s.	d.	£	s.	d.	£	s.	d.	£	s.	d.	£	s.	d.	£	s.	d.	£	s.	d.	£	s.	d.	£	s.	d.	£	s.	d.	£	s.	d.	£	s.	d.	£	s.	d.	£	s.	d.	£	s.	d.	£	s.	d.	£	s.	d.	£	s.	d.	£	s.	d.	£	s.	d.	£	s.	d.	£	s.	d.	£	s.	d.	£	s.	d.	£	s.	d.	£	s.	d.	£	s.	d.	£	s.	d.	£	s.	d.	£	s.	d.	£	s.	d.	£	s.	d.	£	s.	d.	£	s.	d.	£	s.	d.	£	s.	d.	£	s.	d.	£	s.	d.	£	s.	d.	£	s.	d.	£	s.	d.	£	s.	d.	£	s.	d.	£	s.	d.	£	s.	d.	£	s.	d.	£	s.	d.	£	s.	d.	£	s.	d.	£	s.	d.	£	s.	d.	£	s.	d.	£	s.	d.	£	s.	d.	£	s.	d.	£	s.	d.	£	s.	d.	£	s.	d.	£	s.	d.	£	s.	d.	£	s.	d.	£	s.	d.	£	s.	d.	£	s.	d.	£	s.	d.	£	s.	d.	£	s.	d.	£	s.	d.	£	s.	d.	£	s.	d.	£	s.	d.	£	s.	d.	£	s.	d.	£	s.	d.	£	s.	d.	£	s.	d.	£	s.	d.	£	s.	d.	£	s.	d.	£	s.	d.	£	s.	d.	£	s.	d.	£	s.	d.	£	s.	d.	£	s.	d.	£	s.	d.	£	s.	d.	£	s.	d.	£	s.	d.	£	s.	d.	£	s.	d.	£	s.	d.	£	s.	d.	£	s.	d.	£	s.	d.	£	s.	d.	£	s.	d.	£	s.	d.	£	s.	d.	£	s.	d.	£	s.	d.	£	s.	d.	£	s.	d.	£	s.	d.	£	s.	d.	£	s.	d.	£	s.	d.	£	s.	d.	£	s.	d.	£	s.	d.	£	s.	d.	£	s.	d.	£	s.	d.	£	s.	d.	£	s.	d.	£	s.	d.	£	s.	d.	£	s.	d.	£	s.	d.	£	s.	d.	£	s.	d.	£	s.	d.	£	s.	d.	£	s.	d.	£	s.	d.	£	s.	d.	£	s.	d.	£	s.	d.	£	s.	d.	£	s.	d.	£

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

The Districts set out hereunder are those whose works will not produce sufficient revenue to cover the expense of the maintenance and management thereof, and where water supplies are being continued by direction of the Governor in Council. The annual amount of loss resulting from the maintenance and management of these districts has been transferred to the "Revenue Expenditure Chargeable to the State Account." (By authority of Orders in Council, dated 30th June, 1938, and 21st October, 1941, 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, 1944; also of Interest charged at the rate of 3·578 per cent. on Capital Debts and of Redemption and Depreciation charged for Financial Year 1943-44 (Free Headworks excluded).

District.	Receipts.			Expenditure.						Accumulated.				
	Receipts.		Total 1906 to 30th June, 1944.	Operating Costs.	Rural Water.	(A) Interest. (B) Redemption.		Depreciation.	Total.	Excess Receipts over Expenditure, 1943-44.	Excess Expenditure over Receipts, 1943-44.	Surplus Credited to District Account at 30th June, 1944.	Deficiency Chargeable to District Account at 30th June, 1944.	Deficiency Chargeable to State Account at 30th June, 1944. (Inclusive of Column 11.)
	£	s. d.				£	s. d.							
1.	2.	3.	4.	5.	6.	7.	8.	9.	10.	11.	12.	13.	14.	
1. Allansford	130 9 3	392 8 9	67 10 2	.. 0 0	(A) 28 14 8	34 4 5	130 9 3	396 7 6	..	5 1 6	183 12 0	3 18 9	..	
2. Antwerp	56 15 5	1,186 13 3	44 2 1	..	(A) 9 14 10	2 0 0	61 16 11	1,003 1 3	..	..	1,329 19 8	..	..
3. Barwon Heads and Ocean Grove	1,651 1 2	10,880 18 1	895 14 8	..	(A) 299 3 1	279 0 0	1,494 7 11	18,550 18 5	156 13 3	..	..	..	..
4. Berrillock	230 12 9	7,442 18 0	131 1 10	50 0 0	(A) 0 2 9	16 0 0	197 6 0	7,295 13 1	33 6 9	..	147 4 11	..	..
5. Berwick	1,228 4 8	16,401 18 8	462 10 6	..	(A) 107 16 1	203 0 0	840 13 8	15,392 10 7	387 11 0	..	1,009 8 1	..	..
6. Birchip	809 3 3	32,907 13 3	797 11 3	159 0 0	(A) 11 18 1	84 0 0	1,040 11 3	34,345 16 4	231 8 0	..	597 11 4	1,437 11 9	..	
7. Birm ..	268 14 5	6,025 5 8	129 19 11	46 0 0	(A) 0 17 9	31 0 0	219 15 9	5,427 14 4	48 18 8	..	..	..	..
8. Bunyip	559 18 10	5,581 12 4	174 2 5	..	(A) 0 1 2	144 0 0	318 3 7	5,129 1 3	241 15 3	185 5 7	452 11 1	..	..
9. Camperdown	4,433 4 11	29,178 14 10	1,917 10 0	..	(A) 2,068 0 6	698 0 0	4,618 10 6	24,511 8 10	757 7 3	..	4,667 6 0	4,294 13 0	..	
10. Carrum	9,090 10 0	156,303 11 1	4,929 1 11	156 0 0	(A) 850 4 6	2,340 0 0	8,333 2 9	160,598 7 6	..	..	..	..	..
11. Chillingollah	113 12 7	2,560 0 2	83 7 2	18 0 0	(B) 57 16 4	12 5 5	113 12 7	3,541 12 10	..	..	696 4 11	981 12 8	..
12. Cobden	1,253 13 11	7,427 13 10	608 0 8	..	(A) 485 8 8	155 0 0	1,253 13 11	6,731 8 11	179 4 3	..	312 16 2	..	..
13. Cranbourne	438 2 7	11,622 17 2	134 11 0	..	(A) 21 15 9	101 0 0	258 18 4	11,310 1 0	..	..	16 9 3	..	..
14. Crib Point	470 4 0	7,825 1 5	389 18 7	..	(B) 1 11 7	129 0 0	606 17 9	7,808 12 2	21 2 4	136 13 9	172 15 10	..	..
15. Culgoa	290 7 5	8,395 8 4	117 17 11	43 0 0	(A) 84 12 1	18 0 0	269 5 1	8,222 12 6	..	..	..	..	..
16. Dandenong	7,981 4 0	121,793 3 2	3,077 1 9	..	(A) 5 15 1	1,455 0 0	6,002 0 7	118,548 18 5	1,379 3 5	..	3,184 4 9	..	..
17. Dimboola	2,157 15 7	62,552 3 3	806 16 8	436 0 0	(A) 1,939 10 0	155 0 0	1,837 15 2	60,912 0 1	320 0 5	..	1,640 3 2	..	..
18. Doon	32 14 3	515 14 4	5 5 10	4 0 0	(A) 130 8 10	11 0 0	20 13 2	585 5 4	12 1 1	..	..	69 11 0	..
19. Dromana-Portsea	7,631 9 6	27,438 8 7	2,962 16 2	..	(A) 411 19 3	1,595 0 0	7,417 14 4	28,733 8 11	213 15 2	..	..	1,295 0 4	..
20. Frankston	*8,778 19 3	112,147 12 7	2,142 9 10	..	(B) 27 9 1	1,118 0 0	7,901 4 3	108,617 5 11	877 15 0	..	3,530 6 8	..	..
21. Garfield	319 12 11	4,497 13 2	160 0 5	..	(A) 4,117 14 10	111 0 0	271 1 1	4,474 18 8	48 11 10	..	22 14 6	354 16 6	..	
22. Hastings	396 10 11	6,725 3 11	395 10 3	19 0 0	(A) 0 0 8	111 0 0	556 12 9	7,080 0 5	160 1 10	..	308 5 0	..	..
23. HICKSBOROUGH	106 16 1	1,317 19 7	6 3 0	..	(A) 0 2 6	161 0 0	43 4 8	1,009 14 7	63 11 5	..	..	..	..
24. Hopetoun	1,079 7 11	25,673 10 2	573 10 5	237 0 0	(A) 11 6 2	61 0 0	871 15 6	25,011 19 6	207 12 5	..	661 10 8	..	..
25. Jeparit	861 4 4	26,833 16 3	258 12 8	240 0 0	(B) 0 15 6	39 0 0	768 16 10	26,006 5 10	92 7 6	..	827 10 5	..	..
26. Lalbert	277 16 7	6,610 4 2	141 5 3	52 0 0	(A) 0 0 4	79 13 4	277 16 7	7,004 7 5	..	53 0 2	..	394 3 3	..	
27. Lancelles	153 1 8	5,201 15 3	146 14 11	38 0 0	(A) 4 18 0	21 0 0	206 1 10	5,643 15 6	..	..	572 3 7	442 0 3	..
28. Longwarry	999 2 6	7,054 15 10	185 11 6	..	(A) 0 6 11	226 0 0	846 13 10	6,482 12 3	152 8 8	..	453 16 4	..	..
29. Manangatang	379 19 11	11,093 7 8	246 11 9	128 0 0	(A) 35 2 0	33 0 0	470 13 6	10,639 11 4	34 11 10	90 13 7	505 6 3	..	..
30. Marnoo	233 11 3	6,439 16 7	90 3 5	21 0 0	(B) 83 0 4	33 0 0	198 19 5	5,934 10 4	..	..	..	401 6 8	..
31. Merbein	1,785 12 2	34,011 3 11	1,841 9 3	..	(A) 63 1 9	137 0 0	2,135 7 10	34,412 10 7	192 10 6	349 15 8	813 2 7	..	..
32. Minyip	849 9 8	27,233 11 0	374 13 1	58 0 0	(A) 156 18 7	75 0 0	656 19 2	26,420 8 5	..	..	..	..	..
33. Mornington	6,343 7 0	89,617 0 11	1,733 8 10	..	(A) 115 7 2	848 0 0	4,680 10 2	79,903 1 3	1,662 16 10	..	9,813 19 8	..	..

34. Nadimuk	..	430	7	0	16,979	7	3	126	1	2	53	0	0	{(A) 153 4 2}	50	0	0	392	12	5	16,570	3	8	37	14	7	..	409	3	7	..	..			
35. Newstead	..	461	0	11	5,889	10	11	633	13	2	..	0	0	{(B) 10 7 1}	51	0	0	750	18	9	6,028	6	7	13	17	1	289	17	10	353	6	2	36	15	8		
36. North Wonthaggi	..	354	10	5	7,010	2	5	106	13	4	190	0	0	{(A) 66 5 7}	44	0	0	340	13	4	6,656	16	3	..	..	..	..	..	..	..	..	..	..	..
37. Nullawil	..	140	12	9	4,079	9	4	125	11	11	31	0	0	{(A) 10 11 1}	10	0	0	177	3	0	4,034	3	6	..	..	..	36	10	3	45	5	10	..	..	
38. Nyah ..	..	152	8	4	2,798	3	9	143	11	6	33	0	0	{(A) 1 16 10}	31	0	0	207	11	8	2,768	11	2	67	0	9	..	..	..	..	..	..	..	..
39. Ouyen	..	2,172	12	5	47,901	8	2	1,337	10	4	625	0	0	{(B) 30 4 6}	111	0	0	2,105	11	6	47,059	10	3	..	..	..	..	..	..	..	..	..	..	..	..
40. Pakenham	..	1,354	6	2	18,241	5	8	350	4	2	..	..	..	{(B) 357 6 1}	231	0	0	962	16	8	17,409	19	6	391	9	6	..	..	..	..	..	..	..	..
41. Pyramid Hill	..	515	2	8	11,202	13	4	160	0	5	46	0	0	{(B) 24 6 5}	39	0	0	297	8	4	10,341	15	8	217	14	4	..	..	..	..	..	..	..	..
42. Quambatook	..	637	8	4	5,980	0	1	280	17	4	70	0	0	{(A) 48 19 0}	43	0	0	393	18	9	5,867	8	3	243	9	7	..	..	..	..	..	..	..	..
43. Queenscliff and Point Lonsdale	..	2,894	6	2	40,246	10	3	1,868	14	10	..	..	..	{(A) 0 1 4}	704	0	0	3,177	11	2	38,017	17	5	..	..	..	283	5	0	1,628	12	10	..	..	
44. Rainbow	..	1,094	13	1	33,587	0	11	211	10	3	224	0	0	{(B) 604 16 4}	48	0	0	789	0	0	29,909	1	8	305	13	1	..	..	..	..	..	..	..	..	..
45. Rupanyup	..	808	4	7	24,273	14	1	355	0	3	56	0	0	{(A) 286 1 3}	57	0	0	662	13	9	23,702	4	2	145	10	10	..	..	..	..	..	..	..	..	..
46. Sea Lake	..	827	8	7	28,179	15	2	580	19	5	200	0	0	{(B) 19 8 6}	75	0	0	914	0	5	26,881	0	4	..	..	..	86	11	10	1,298	14	10	..	..	..
47. Somerville	..	418	7	8	7,326	15	0	112	0	5	..	..	..	{(A) 37 15 11}	59	0	0	356	12	6	6,590	3	6	61	15	2	..	..	..	..	..	..	..	..	..
48. South Frankston	..	2,724	4	6	39,338	9	4	1,295	16	3	..	..	..	{(B) 11 15 7}	312	0	0	2,691	16	9	35,394	13	7	32	7	9	..	..	..	..	..	..	..	..	..
49. Spring Vale	..	10,507	7	8	88,393	5	6	2,827	5	5	..	..	..	{(A) 4,213 15 3}	865	0	0	8,189	5	1	73,236	16	1	2,318	2	7	..	..	..	..	..	..	..	..	..
50. Terang	..	2,950	3	7	17,587	7	7	1,277	11	1	..	..	..	{(A) 1,061 16 11}	506	0	0	2,917	8	9	16,818	0	6	32	14	10	..	..	..	..	..	..	..	..	..
51. Torquay	..	703	1	4	8,008	15	2	567	12	0	..	..	..	{(B) 72 0 9}	97	0	0	672	19	10	8,883	8	6	30	1	6	..	..	..	..	..	..	..	..	..
52. Watchem	..	282	16	11	10,047	0	6	162	11	3	78	0	0	{(A) 0 4 11}	35	0	0	280	12	8	10,095	9	4	2	4	3	..	..	..	..	..	..	..	..	..
53. Wonthaggi	..	*3,443	0	7	131,488	12	10	2,574	0	8	{(B) 4 13 4}	394	0	0	3,337	5	10	128,626	13	11	105	14	9	
54. Woolmelang	..	494	8	9	20,633	14	3	251	11	0	125	0	0	{(B) 82 16 4}	65	0	0	441	14	8	20,827	0	0	52	14	1	..	..	..	..	..	..	..	..	..
55. Woornien	..	114	10	0	2,653	19	11	87	13	6	58	0	0	{(A) 0 0 2}	16	0	0	184	10	5	3,014	8	3	..	..	..	70	0	5	360	8	4	..	..	
56. Wycheproof	..	798	10	9	28,045	11	5	703	6	11	187	0	0	{(A) 22 16 11}	143	0	0	1,033	6	11	28,196	14	8	..	..	..	234	16	2	151	3	3	..	..	
57. Yaapeet	..	171	16	10	2,103	2	7	68	0	3	20	0	0	{(B) 0 3 0}	18	0	0	109	18	9	2,255	19	10	61	18	1	..	..	..	..	..	..	..	..	..
Totals	..	*95,844	0	8	1,491,925	10	7	42,239	1	11	3,707	0	0	{(A) 22,154 11 7}	14,325	3	2	86,908	17	10	1,437,370	7	10	11,203	7	7	2,268	4	9	66,048	4	1	11,492	17	11
														{(B) 4,483 1 2}																							

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 9th December, 1940, respectively, under the provisions of Section 6, *Water Act* 1937, No. 4313.)

58. Anglesea	..	350	10	8	4,124	6	1	455	6	6	110	0	0	{(A) 0 0 3 (B) 0 2 2 (A) 0 2 0	56	0	0	511	6	9	5,489	15	1	172	19	2	130	16	1	1,234	12	11	130	16	1			
59. Beulah	..	590	12	1	17,365	11	5	284	10	6	..	..	..	{(B) 0 2 3 (A) 0 2 0	23	0	0	417	12	11	16,772	6	1	..	..	..	..	..	..	..	..	..	..	..	..
60. Bittern	..	145	16	1	3,046	1	5	188	0	2	15	0	0	{(A) 0 0 2 (B) 0 2 0	34	0	0	222	2	2	2,999	4	4	..	..	..	76	6	1	123	3	2	76	6	1
61. Carwarp	..	27	12	11	608	6	5	165	3	1	..	..	..	{(B) 0 2 0	8	0	0	186	3	1	1,135	0	9	..	..	..	156	10	2	..	..	..	208	6	5
62. Chinkapook	..	87	16	11	2,878	13	4	163	10	11	44	0	0	{(A) 0 0 4 (B) 0 2 0	6	0	0	215	10	11	3,330	9	11	..	..	..	137	14	0	..	..	..	226	14	4
63. Drysdale	..	472	2	3	4,731	11	2	326	2	8	..	..	..	{(A) 0 0 8	83	0	0	409	3	0	4,212	4	0	62	19	3	..	..	..	..	..	..	..	..	..
64. Jung Jung	..	150	0	10	4,129	4	5	137	11	1	18	0	0	{(A) 0 0 8	45	0	0	200	11	9	4,739	19	3	..	..	..	50	10	11	..	..	..	..	..	..
65. Koondrook	..	392	10	2	12,862	6	11	1,107	5	7	54	0	0	{(A) 0 1 9 (B) 0 1 8	64	0	0	1,225	5	7	14,751	10	10	..	..	..	832	15	5	..	..	..	..	..	..
66. Lake Boga	..	873	5	9	11,795	18	6	667	6	10	150	0	0	{(A) 0 1 4 (B) 0 1 8	68	0	0	885	6	10	13,154	0	11	..	..	..	12	1	1	..	..	..	..	..	..
67. Merinburn	..	42	12	6	1,973	10	8	63	12	9	36	0	0	{(A) 0 0 8 (B) 0 1 4	13	0	0	112	14	6	2,209	9	9	..	..	..	70	2	0	..	..	..	104	3	7
68. Nandaly	..	82	3	9	2,371	14	9	147	12	8	108	0	0	{(A) 0 0 8 (B) 0 1 4	116	0	0	192	14	0	2,613	18	4	..	..	..	37	7	9	..	..	..	179	13	9
69. Nyah West	..	516	1	4	14,173	16	6	329	9	1	65	0	0	{(A) 0 0 8 (B) 0 1 4	117	0	0	553	9	1	13,924	0	11	20	7	3	..	..	..	..	..	..	..	..	..
70. Patchewollock	..	177	13	5	3,357	0	1	75	5	6	..	..	..	{(A) 0 0 9 (B) 0 1 4	68	18	7	283	5	5	3,060	4	6	..	..	..	339	1	11	..	..	..	122	16	2
71. Piangil	..	283	5	5	8,572	13	0	598	16	7	26	0	0	{(A) 0 2 9 (B) 0 1 4	195	0	0	793	17	4	7,691	16	3	..	..	..	..	..	..	..	..	..	..	..	..
72. Portarlington	..	454	15	5	5,526	12	3	34	0	0	..	..	..	{(A) 0 0 9 (B) 0 1 4	19	0	0	111	13	11	5,882	1	5	36	7	5	..	..	..	..	..	..	..	..	..
73. Speed	..	148	1	4	2,639	5	4	58	11	1	44	0	0	{(A) 0 0 9 (B) 0 1 4	17	0	0	143	7	2	2,773	18	9	75	9	7	..	..	..	..	..	..	..	..	..
74. Tempy	..	218	16	9	2,726	5	7	81	19	8	..	..	..	{(B) 0 0 5 (A) 0 6 11	17	0	0	111	13	11	2,773	18	9	..	..	..	..	..	..	..	..	..	..	..	..
75. Ultima	..	273	0	2	12,387	19	10	303	14	3	141	0	0	{(A) 0 6 11 (B) 0 1 8	36	0	9	481	1	11	13,200	10	11	..	..	..	208	1	9	..	..	..	567	0	10
76. Walcheie	..	49	3	6	1,555	4	5	114	15	0	28	0	0	{(A) 0 9 9 (B) 0 1 8	18	0	0	160	15	0	2,855	3	11	..	..	..	111	11	6	..	..	..	178	5	5
77. Walpeup	..	308	6	0	1,874	13	9	97	9	9	93	0	0	{(B) 0 1 8 (A) 0 0 8	13	0	0	204	1	2	1,821	0	10	104	4	10	..	..	..	..	..	..	..	..	..
78. Werrimull	..	241	11	2	5,148	18	8	173	5	8	72	0	0	{(A) 0 1 8 (B) 0 2 3	42	0	0	287	6	4	5,630	4	2	..	..	..	45	15	2	..	..	..	435	10	4
Totals	..	5,915	18	5	123,849	14	6	5,729	16	3	1,074	0	0	{(A) 1 17 2 (B) 0 2 3	948	19	4	7,754	15	0	133,942	10	1	472	7	6	2,311	4	1	1,873	7	6	8,020	0	3	3,946	2	10
Grand Totals	..	101,759	19	1*	1,615,775	5	1	47,968	18	2	4,781	0	0	{(A) 22,156 8 9 (B) 4,483 3 5	15,274	2	6	94,663	12	10	1,571,312	17	11	11,675	15	1	4,379	8	10	67,921	11	7	119,512	18	2	3,946	2	10

URBAN DISTRICTS.

PROFIT AND LOSS ACCOUNT FOR FINANCIAL YEAR 1943-44.

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

District.	Revenue Assessment.	Expenditure.					Profit and Loss.						
		Operating Costs.	Interest.	Depreciation.	Redemption.	Amounts Written Off.	Total.	Excess Assessment over Expenditure.	Excess Expenditure over Assessment.	Revenue Due for Previous Years Written Off.	Adjustments to Revenue for years prior to 1943-44. (A) Loss. (B) Gain.	Total Loss as at 30th June, 1944.	Total Gain as at 30th June, 1944.
	£ 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 ..	136 14 10	67 10 2	28 14 8	20 0 0	1 18 3	..	118 3 1	18 11 9	..	2 11 6	..	..	14 2 1
2. Antwerp ..	69 8 7	50 2 1	9 14 10	2 0 0	0 13 6	..	62 10 5	6 18 2	..	..	..	..	211 4 10
3. Barwon Heads and Ocean Grove ..	1,524 0 1	895 14 8	299 3 1	279 0 0	20 10 2	..	1,494 7 11	29 12 2	..	2 0 11	..	..	1,862 10 0
4. Berritlock ..	237 6 2	181 1 10	0 2 9	16 0 0	0 1 5	..	197 6 0	40 0 2	..	2 4 3	..	..	173 3 4
5. Berwick ..	1,041 3 2	462 10 6	107 16 1	263 0 0	7 7 1	0 1 0	840 13 8	200 9 6	..	11 10 3	..	..	1,338 8 7
6. Birchip ..	839 16 1	956 11 3	..	84 0 0	..	..	1,040 12 3	..	200 16 2	2 9 10	..	1,449 14 10	..
7. Brim ..	224 3 2	175 19 11	11 18 1	31 0 0	0 17 9	..	219 15 9	4 7 5	..	10 7 5	..	..	668 7 6
8. Bunyip ..	419 16 4	174 2 5	0 1 2	144 0 0	..	..	318 3 7	101 12 9	..	15 1 0	..	..	721 9 0
9. Camperdown ..	4,181 14 11	1,917 10 0	2,063 0 6	638 0 0	139 8 5	..	4,757 18 11	687 5 2	376 4 0	171 2 5	..	2,743 5 3	4,890 2 10
10. Carrum ..	9,056 4 0	5,085 1 11	850 4 6	2,340 0 0	57 16 4	35 16 1	8,368 18 10	11 10 5	..	..	..	..	..
11. Chillingollah ..	120 17 7	101 7 2	..	8 0 0	..	..	109 7 2	..	116 1 1	4 0 9	..	..	..
12. Cobden ..	1,165 5 6	608 0 8	485 8 8	155 0 0	32 17 3	..	1,281 6 7	148 4 11	..	..	..	..	902 13 0
13. Cranbourne ..	407 6 3	134 11 0	21 15 9	101 0 0	1 11 7	..	258 18 4	..	125 11 8	..	..	..	313 12 10
14. Crib Point ..	487 6 5	389 18 7	87 19 2	129 0 0	6 0 4	..	612 18 1	..	..	..	..	..	350 6 9
15. Culgoa ..	282 6 11	160 17 11	84 12 1	18 0 0	5 15 1	..	269 5 1	13 1 10	..	..	..	..	262 13 8
16. Dandenong ..	8,011 15 10	3,077 1 9	1,939 10 0	1,455 0 0	130 8 10	..	6,602 0 7	1,400 15 3	..	..	..	..	3,979 2 3
17. Dimboola ..	2,192 7 11	1,242 16 8	411 19 3	155 0 0	27 19 3	..	1,837 15 2	354 12 9	..	..	..	..	2,050 3 8
18. Doon ..	29 16 5	9 5 10	0 6 11	11 0 0	0 0 5	..	20 13 2	..	..	..	..	..	..
19. Dromana-Portsea ..	7,469 17 7	2,962 16 2	172 9 1	1,535 0 0	2,747 9 1	3 2 2	7,420 16 6	49 1 1	..	14 10 5	..	43 18 3	..
20. Frankston ..	8,134 18 2	2,142 9 10	4,117 14 10	1,118 0 0	276 13 4	0 12 0	7,655 10 0	479 8 2	..	11 7 4	..	..	4,682 10 1
21. Garfield ..	294 11 1	160 0 5	0 2 6	111 0 0	..	..	271 1 1	23 10 0	..	..	..	..	132 1 1
22. Hastings ..	74 4 3	395 10 3	11 6 2	161 0 0	..	..	556 12 11	..	178 0 8	..	..	..	..
23. Hicksborough ..	1,000 9 7	810 10 5	0 4 9	61 0 0	0 15 6	..	43 4 8	30 19 7	..	..	..	..	400 5 8
24. Hopetoun ..	870 14 11	498 12 8	216 7 2	39 0 0	0 0 4	0 16 0	872 11 6	127 18 1	..	7 13 3	..	..	1,166 11 7
25. Jeparit ..	254 10 0	193 5 3	4 18 0	42 0 0	14 17 0	..	768 16 10	101 18 1	..	2 17 3	..	..	1,046 18 8
26. Lalbert ..	149 8 2	184 14 11	0 6 11	21 0 0	0 6 9	0 8 8	240 18 8	13 11 4	..	..	..	..	..
27. Lascelles ..	774 16 4	185 11 6	352 2 0	113 0 0	0 0 5	..	206 2 3	56 14 1	..	9 4 1	..	..	..
28. Longwarry ..	432 12 0	374 11 9	63 1 9	33 0 0	23 14 0	9 17 9	674 7 6	160 8 10	..	2 5 8	..	..	726 8 9
29. Manangatang ..	206 6 7	111 3 5	51 5 1	33 0 0	4 6 6	..	484 17 9	..	52 5 9	..	..	..	812 15 6
30. Marnoo ..	1,693 7 8	1,841 9 3	166 18 7	137 0 0	10 16 10	..	198 10 5	7 7 2	..	..	..	..	557 10 5
31. Merbin ..	756 13 0	432 13 1	115 7 2	75 0 0	8 0 2	0 7 6	631 7 11	125 5 1	452 17 0	126 7 6	..	49 19 1	951 19 3
32. Minyip ..	6,104 11 10	1,733 8 10	1,966 6 2	848 0 0	132 15 2	27 5 0	4,707 15 2	1,486 16 8	..	12 7 6	..	..	10,356 12 10
33. Mornington ..	447 1 1	179 1 2	153 4 2	50 0 0	10 7 1	..	392 12 5	54 8 8	..	..	..	..	576 5 9
34. Nairn ..	466 16 8	633 13 2	66 5 7	51 0 0	4 11 1	..	755 9 10	..	288 13 2	..	..	100 1 6	..
35. Newstead ..	344 10 9	298 13 4	10 11 1	44 0 0	0 15 10	1 13 9	342 7 1	2 3 8	..	11 8 10	..	..	1,249 2 4
36. North Wonthaggi ..	126 15 5	156 11 11	..	10 0 0	..	..	177 18 10	..	51 3 5	3 0 6	..	..	82 5 3
37. Nulawil ..	169 13 6	176 11 6	..	31 0 0	..	..	297 11 6	..	37 18 0	..	..	..	116 16 4
38. Nyah ..	1,918 9 6	1,962 10 4	1 16 10	111 0 0	0 2 4	3 1 6	2,078 11 0	..	160 1 6	30 12 2	..	..	2,212 18 8
39. Ouyen ..	1,230 3 0	350 4 2	357 6 1	231 0 0	24 6 5	..	962 16 8	267 6 4	..	5 17 1	..	..	1,089 16 3
40. Pakenham ..	485 14 0	206 0 5	48 19 0	39 0 0	3 8 11	..	297 8 4	168 5 8	..	..	..	..	1,086 1 7
41. Pyramid Hill ..	532 3 2	350 17 4	0 1 4	43 0 0	0 0 1	0 6 3	394 5 0	137 18 2	..	6 16 8	..	..	621 10 3
42. Queenscliff and Point Lonsdale ..	2,717 18 1	1,868 14 10	904 16 4	704 0 0	41 8 2	..	3,218 19 4	501 1 3	..	..	..	..	1,948 10 7
43. Rainbow ..	1,047 3 1	435 10 3	286 1 3	48 0 0	19 8 6	..	769 0 0	268 3 1	..	..	..	..	3,878 2 2

	678 11 0	411 0 3	156 17 7	57 0 0	10 13 10	..	635 11 8	42 19 4	..	9 9 9	0 10 9	(B)	6 4 6	..	606 13 8
45. Rupanyp ..	904 12 9	780 19 5	58 1 0	75 0 0	4 2 1	..	918 2 6	96 0 5	..	13 9 9	6 4 6	(B)	..	..	1,558 12 9
46. Sea Lake ..	452 12 11	112 0 5	173 16 6	59 0 0	11 15 7	..	356 12 6	..	..	..	..	..	..	..	801 11 11
47. Somerville ..	2,495 0 11	1,295 16 3	965 13 10	312 0 0	65 7 3	..	2,638 17 4	..	..	143 16 5	..	..	..	..	4,248 15 0
48. South Frankston ..	10,898 13 2	2,827 5 5	4,213 15 3	865 0 0	283 4 5	..	8,189 5 1	2,709 8 1	..	..	..	..	..	..	18,918 3 3
49. Spring Vale ..	2,705 9 6	1,277 11 1	1,061 16 11	506 0 0	72 0 9	1 4 0	2,918 12 9	..	..	212 13 3	0 1 3	(B)	..	..	961 12 9
50. Torquay ..	633 5 11	567 12 0	4 4 11	97 0 0	0 0 4	..	664 17 3	..	..	31 11 4	0 19 7	(B)	716 7 0	..	..
51. Torquay ..	307 3 8	240 11 3	4 13 4	35 0 0	0 8 1	..	290 12 8	26 11 0	..	..	0 15 2	(B)	..	..	41 14 7
52. Watchem ..	3,379 18 5	2,574 0 8	336 8 10	304 0 0	22 15 7	12 19 0	3,310 4 1	69 14 1	..	..	1 15 2	(B)	..	..	3,635 0 5
53. Wonthaggi ..	501 16 5	376 11 0	0 3 6	65 0 0	0 0 2	1 17 4	443 12 0	58 4 5	..	..	9 11 0	(A)	145 10 6	..	157 11 9
54. Woomelang ..	192 0 4	145 13 6	22 16 11	16 0 0	1 10 9	..	186 1 2	5 19 2	..	..	5 8 7	(A)	..	..	141 6 2
55. Woorhien ..	937 8 9	890 6 11	..	143 0 0	..	..	1,033 6 11	..	..	95 18 2	14 6 6	(A)	..	..	65 17 3
56. Wyceproof ..	83 5 1	88 0 3	..	18 0 0	0 0 2	..	106 3 5	..	..	22 18 4	..	..	..	..	..
57. Yaapeet ..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Totals	92,749 17 5	45,946 1 11*	22 154 11 7	14,156 0 0	4,232 19 3	99 8 0	86,589 0 9	9,478 11 8	3,317 15 0	542 17 2	47 4 6	(A)	6,905 3 11	82,470 2 10	..

	377 7 9	455 6 6	0 0 3	56 0 0	..	511 6 9	75 17 7	..	133 19 0	16 1 4	(A)	..	..	..	943 7 6
58. Anglesea ..	502 18 0	394 10 6	0 2 3	23 0 0	0 0 2	..	427 9 5	..	67 18 2	1 12 2	(A)	..	..	..	192 18 10
59. Beulah ..	154 6 10	188 0 2	0 2 0	34 0 0	0 0 1	..	222 5 0	..	180 6 9	..	..	..	..	..	261 15 6
60. Bittern ..	55 16 4	180 3 1	..	6 0 0	..	..	186 3 1	..	116 19 7	..	..	..	..	..	..
61. Carwar ..	98 11 4	207 10 11	..	8 0 0	..	..	215 10 11	..	..	..	..	..	..	..	..
62. Chinkapook ..	487 16 2	326 2 8	0 0 4	83 0 0	..	..	409 3 0	..	..	..	..	..	..	..	..
63. Drysdale ..	128 9 0	155 11 1	0 0 8	45 0 0	..	..	200 11 9	..	72 2 9	0 7 6	(B)	..	..	..	..
64. Jung Jung ..	336 5 0	1,161 5 7	..	64 0 0	..	..	1,225 5 7	..	889 0 7	0 17 0	(A)	6 10 3	..	..	..
65. Koondrook ..	738 13 6	817 6 10	0 1 9	68 0 0	0 0 1	..	885 6 10	..	149 13 4	0 11 3	(A)	0 16 0	..	..	149 3 9
66. Lake Boga ..	99 5 8	99 12 9	0 1 4	13 0 0	..	..	112 14 7	..	118 15 1	..	..	..	..	..	..
67. Meringur ..	73 18 11	183 12 8	0 0 8	9 0 0	..	..	192 14 0	..	..	..	..	..	..	..	..
68. Nandaly ..	594 11 3	437 9 1	0 0 8	116 0 0	..	..	553 9 1	..	..	4 10 8	(B)	0 13 0	..	..	857 14 2
69. Nyah West ..	192 6 11	140 5 6	..	17 0 0	..	..	157 6 2	..	..	..	..	..	..	..	833 3 8
70. Patchewollock ..	287 1 3	216 6 10	..	32 0 0	..	..	268 14 9	..	..	..	..	..	..	..	257 0 19
71. Piancil ..	464 13 5	598 16 7	0 0 9	195 0 0	..	..	793 17 4	..	328 18 11	..	..	..	..	..	..
72. Portarlington ..	99 7 4	92 11 2	0 2 9	19 0 0	..	..	111 13 11	..	12 6 7	..	..	..	..	..	..
73. Speed ..	121 10 9	125 19 8	0 7 1	17 0 0	0 0 5	..	143 7 2	..	21 16 5	..	..	..	..	..	204 19 6
74. Tempy ..	313 1 1	444 14 3	0 6 11	36 0 9	..	..	483 7 4	..	170 6 3	..	..	..	..	..	318 16 9
75. Ultima ..	90 11 2	142 15 0	..	18 0 0	..	..	160 15 0	..	70 3 10	..	..	..	..	..	..
76. Walche ..	198 3 4	190 9 9	0 9 9	13 0 0	0 0 5	..	203 19 11	..	35 16 7	..	..	..	..	..	..
77. Walpeup ..	274 5 2	245 5 8	0 0 8	42 0 0	..	..	287 6 4	..	13 1 2	56 11 8	(B)	1 11 0	..	..	371 4 0
78. Werrikill ..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	48 18 4
Totals	5,659 5 2	6,803 16 3*	1 17 2	934 0 9	0 1 7	12 3 2	7,751 18 11	249 0 2	2,341 13 11	80 11 7	14 10 6	(A)	8,730 19 1	5,164 11 4	..
Grand Totals..	98,409 2 7	52,749 18 2*	22,156 8 9	15,090 0 9	4,233 0 10	111 11 2	94,340 19 8	9,727 11 10	5,659 8 11	623 8 9	61 15 0	(A)	15,345 3 0	87,634 14 2	..

* Includes charges for water supplied from Rural Districts, £4,781.

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 9th December, 1940, under the provisions of Section 6, Water Act 1937, No. 4513.)

FLOOD PROTECTION DISTRICTS.

CASH ACCOUNT.

STATEMENT of Moneys received and disbursed from 1st July, 1920, to 30th June, 1944, also of Interest charged at the rate of 3·758 per cent. on Capital Debits and of Redemption charged for Financial Year 1943-44.

District.	Receipts.		Expenditure.						Excess Receipts over Expenditure, 1943-44.	Excess Expenditure over Receipts, 1943-44.	Total Cash Surplus as at 30th June, 1944.	Total Cash Deficiency as at 30th June, 1944.			
	Receipts.	Total 1920 to 30th June, 1944.	Operating Costs.	Interest.	(A) Redemption.		Total 1920 to 30th June, 1944.								
					(B) State Loans Repayment Fund.										
	£	s.	d.	£	s.	d.	£	s.	d.	£	s.	d.	£	s.	d.
1. Cardinia ..	3,203	8	5	44,183	8	11	1,272	17	9	..	..	..	44,261	4	7
2. Kanyapella ..	305	15	9	5,215	7	7	17	4	1	127	10	8	(A) 8	12	5
3. Lower Kooweerup ..	5,392	3	4	88,492	13	5	3,066	4	3	..	..	..	153	7	2
4. Loch Garry ..	1,352	9	7	16,911	13	3	48	8	5	254	12	9	3,066	4	3
													747	11	7

PROFIT AND LOSS ACCOUNT FOR FINANCIAL YEAR 1943-44.

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

District.	Revenue Assessment.	Expenditure.						Excess Assessment over Expenditure.	Excess Expenditure over Assessment.	Revenue Due for Previous Years Written Off.	Adjustments to Revenue prior to 1943-44. (A) Loss. (B) Gain.	Total Loss as at 30th June, 1944.	Total Gain as at 30th June, 1944.
		Operating Costs.	Interest.	(A) Redemption. (B) State Loans Repayment Fund.		Amounts Written Off.	Total.						
				£ s. d.	£ s. d.								
1. Cardinia ..	£ s. d. 2,709 9 5	£ s. d. 1,272 17 9	£ s. d. ..	£ s. d. ..	£ s. d. 13 4 10	£ s. d. 1,286 2 7	£ s. d. 1,423 6 10	£ s. d. ..	£ s. d. 33 9 6	£ s. d. ..	£ s. d. ..	£ s. d. ..	£ s. d. 2,144 12 9
2. Kanyapella ..	211 18 7	17 4 1	127 10 8	(A) 8 12 5	..	153 7 2	58 11 5	..	0 3 7	..	..	..	1,626 16 4
3. Lower Kooweerup ..	4,752 5 4	3,060 4 3	..	..	1 4 0	3,067 8 3	1,684 17 1	..	13 2 9	..	..	1,301 5 10	..
4. Loch Gary ..	921 7 4	48 8 5	254 12 9	(B) 444 10 5	20 5 4	767 16 11	153 10 5	..	28 1 2	..	..	..	2,631 10 11
Totals ..	8,595 0 8	4,404 14 6	382 3 5	{(A) 8 12 5 (B) 444 10 5}	34 14 2	5,274 14 11	3,320 5 9	..	74 17 0	..	..	1,301 5 10	6,403 0 0

DRAINAGE DISTRICTS.

CASH ACCOUNT.

STATEMENT of Moneys received and disbursed from 1st July, 1937, to 30th June, 1944; also of Depreciation charged for Financial Year 1943-44.

District.	Receipts.		Expenditure.				Excess Receipts over Expenditure, 1943-44.	Excess Expenditure over Receipts, 1943-44.	Accumulated		
	Receipts.	Total, 1937, to 30th June, 1944.	Operating Costs.	Depreciation.	Total.	Total, 1937 to 30th June, 1944.			Surplus Credited to District Account at 30th June, 1944.	Deficiency Chargeable to District Account at 30th June, 1944.	Deficiency Chargeable to State Account at 30th June, 1944 (Inclusive of Column 9).
1.	2.	3.	4.	5.	6.	7.	8.	9.	10.	11.	12.
	£ s. d.	£ s. d.	£ s. d.	£ s. d.	£ s. d.	£ s. d.	£ s. d.	£ s. d.	£ s. d.	£ s. d.	£ s. d.
1. Carrum	2,721 8 10	7,525 15 1	2,114 2 4	..	2,114 2 4	7,703 8 3	607 6 6	..	..	*177 16 7	..
Total	2,721 8 10	7,525 15 1	2,114 2 4	..	2,114 2 4	7,703 8 3	607 6 6	..	..	*177 16 7	..
2. Cohuna	1,896 19 8	10,748 19 10	3,500 6 2	..	3,500 6 2	13,381 12 1	..	1,603 6 6	..	440 18 2	2,191 14 1
3. Kerang East	1,115 3 9	6,169 13 11	480 5 4	..	480 5 4	6,710 2 0	634 18 5	..	..	549 8 1	..
4. Maffra-Sale	1,356 5 11	6,618 16 6	4,173 4 4	..	4,173 4 4	12,271 1 4	..	2,816 18 5	..	2,505 4 11	3,146 10 11
5. Merbein	1,615 18 9	10,437 15 7	1,421 7 7	535 0 0	1,956 7 7	11,410 19 11	..	340 8 10	..	632 15 6	340 8 10
6. Murrabit	222 15 8	323 11 11	1,402 0 4	..	1,402 0 4	1,422 10 4	..	1,179 4 8	80 6 3	..	1,179 4 8
7. Nyah	145 4 8	288 6 3	121 12 9	95 0 0	216 12 9	359 14 4	..	71 8 1	..	..	71 8 1
8. Red Cliffs	2,756 19 9	17,529 0 8	1,919 8 2	870 0 0	2,798 8 2	17,215 8 0	..	41 8 5	355 1 1	..	41 8 5
9. Rochester	1,885 3 2	10,561 16 3	5,213 18 11	..	5,213 18 11	16,602 1 7	..	3,328 15 9	..	2,125 16 10	3,924 8 6
10. Rodney	1,162 13 5	5,002 8 9	1,037 7 11	..	1,037 7 11	6,533 1 1	125 5 6	..	..	1,517 11 11	13 0 5
11. Shepparton	3,052 13 2	17,461 13 7	6,736 6 7	..	6,736 6 7	23,276 5 2	..	3,683 13 5	..	1,405 17 2	4,408 14 5
12. Tongala-Stanhope	3,901 7 11	18,819 14 8	7,143 0 7	..	7,143 0 7	25,108 17 10	..	3,241 12 8	..	3,047 10 6	3,241 12 8
13. Werribee	654 16 1	4,225 8 9	615 12 9	..	615 12 9	3,734 16 11	39 3 4	..	400 11 10	..	..
14. Woorinen	617 13 2	2,423 15 3	1,044 2 5	213 0 0	1,257 2 5	2,994 2 1	..	639 9 3	69 2 5	..	639 9 3
Totals	20,383 15 1	110,601 1 11	34,808 13 10	1,722 0 0	36,530 13 10	141,029 12 8	799 7 3	16,946 6 0	995 1 7	12,225 3 1	19,198 9 3
Grand Totals	23,105 3 11	118,126 17 0	36,922 16 2	1,722 0 0	38,644 16 2	148,733 0 11	1,406 13 9	16,946 6 0	995 1 7	*12,402 19 8	19,198 9 3

* Includes 3s. 5d. Credit unabsorbed, transferred to Carrum Urban Waterworks District.

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.)

DRAINAGE DISTRICTS.

PROFIT AND LOSS ACCOUNT FOR FINANCIAL YEAR 1943-44.

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

District.	Revenue Assessment.			Expenditure.				Profit and Loss.					Total Gain as at 30th June, 1944.
	£	s.	d.	Operating Costs.	Depreciation.	Amounts Written Off.	Total.	Excess Assessment over Expenditure.	Excess Expenditure over Assessment.	Revenue Due for Previous Years Written Off.	Adjustments to Revenue for Years prior to 1943-44. (A) Loss. (B) Gain.	Total Loss as at 30th June, 1944.	
1. Carrum	2,302	0	7	2,114	2	4	2,115	5	6	186	15	1	£ s. d. 1,421 6 9
Total	2,302	0	7	2,114	2	4	2,115	5	6	186	15	1	£ s. d. 1,421 6 9
2. Cohuna	1,729	18	4	3,500	6	2	3,500	6	2	1,770	7	10	2,394 1 5
3. Kerang East	1,196	13	11	480	5	4	480	5	4	0	15	3	654 7 9
4. Maffra-Sale	1,301	13	1	4,173	4	4	4,173	4	4	2,871	11	3	5,544 16 0
5. Merbein	1,603	1	0	1,421	7	7	1,956	7	7	353	6	7	1,005 6 7
6. Murrabit	218	19	5	1,402	0	4	1,403	16	7	1,184	17	2	996 14 8
7. Nyah	147	5	11	121	12	9	216	12	9	60	6	10	126 14 3
8. Red Cliffs	2,713	7	0	1,919	8	2	2,799	0	2	85	13	2	354 19 7
9. Rochester	1,732	17	2	5,213	18	11	5,215	14	4	3,482	17	2	5,208 17 10
10. Rodney	968	15	8	1,037	7	11	1,037	7	11	68	12	3	470 14 9
11. Shepparton	2,801	18	2	6,736	6	7	6,754	8	3	3,952	10	1	5,546 4 7
12. Tongala-Stanhope	3,106	19	1	7,143	0	7	7,146	8	3	3,979	9	2	4,896 1 5
13. Werribee	653	6	2	615	12	9	615	12	9	37	13	5	492 4 6
14. Woorinen	605	5	1	1,044	2	5	1,257	2	5	651	17	4	570 16 0
Totals	18,840	0	0	34,808	13	10	36,556	6	10	754	2	0	26,768 7 6
Grand Totals	21,142	0	7	36,922	16	2	38,671	12	4	940	17	1	2,922 18 1

The Districts set out hereunder are those whose works will not produce sufficient revenue to cover the expense of the maintenance and management thereof. 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.)

SUMMARY OF CASH ACCOUNTS, 1943-44.

Works.	Receipts.				Expenditure.				Total.		(s) Excess Receipts over Expenditure, (D) Excess Expenditure over Receipts, 1943-44.		Accumulated Surplus or Deficiency at 30th June, 1944.	
	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.	£ s. d.
Colban System ..	53,601 19 9	..	..	53,601 19 9	1,651,980 7 5	38,785 7 6	..	{ (A) 11,684 6 8 (B) 38 16 5 (C) .. }	7,730 0 0	58,238 10 7	2,489,704 19 3	{ (S) 877 8 2 (D) 5,313 19 0 }	{ (D) 838,179 5 6 (S) 470 6 0 }	15 12 4
Irrigation Districts ..	352,396 6 1	1,675 0 0	..	354,071 6 1	6,916,060 8 3	283,151 3 2	..	{ (A) 67,570 10 4 (B) 2,504 6 10 (C) .. }	14,376 0 0	347,602 0 4	7,647,306 3 9	{ (S) 34,121 7 0 (D) 27,652 1 3 }	{ (D) 725,813 5 3 (S) 16,766 3 0 }	21,298 13 5
Irrigation Divisions ..	6,677 11 3	..	..	6,677 11 3	146,932 1 1	4,407 1 8	1,064 0 0	{ (A) 563 2 10 (B) 12 19 7 (C) .. }	727 0 0	6,774 4 1	140,732 9 2	{ (S) 507 0 8 (D) 603 13 6 }	{ (D) 522 6 9 (S) 7,027 7 10 }	605 9 2
Waterworks Districts ..	167,223 11 2	3,999 0 0	..	171,222 11 2	3,444,640 8 2	214,571 13 10	420 0 0	{ (A) 32,541 3 7 (B) 1,138 18 2 (C) .. }	12,618 5 0	261,260 0 7	4,723,535 19 2	{ (S) 10,537 17 4 (D) 100,805 6 9 }	{ (D) 855,933 1 0 (S) 19,420 10 7 }	442,383 0 7
Waterworks Urban Districts ..	101,394 19 1	..	..	101,759 19 1	1,615,775 5 1	47,968 18 2	4,781 0 0	{ (A) 22,156 8 9 (B) 4,483 3 5 (C) .. }	15,274 2 6	94,663 12 10	1,571,312 17 11	{ (S) 11,675 15 1 (D) 4,379 8 10 }	{ (D) 19,512 18 2 (S) 67,921 11 7 }	3,946 2 10
Flood Protection Districts ..	10,343 17 1	..	..	10,343 17 1	154,803 3 2	4,404 14 6	..	{ (A) 382 3 5 (B) 8 12 5 (C) 444 10 5 }	..	5,240 0 9	157,150 19 7	{ (S) 5,103 16 4 (D) .. }	{ (D) 4,366 3 9 (S) 2,018 7 4 }	..
Drainage Districts ..	23,105 3 11	..	..	23,105 3 11	118,126 17 0	36,922 16 2	..	{ (A) .. (B) .. (C) .. }	1,722 0 0	38,644 16 2	148,733 0 11	{ (S) 1,406 13 9 (D) 16,946 6 0 }	{ (D) 12,402 19 8 (S) 995 1 7 }	19,108 9 3
Totals ..	714,743 8 4	8,039 0 0	..	720,782 8 4	14,048,918 10 2	610,211 15 0	6,265 0 0	{ (A) 134,897 15 7 (B) 8,186 16 10 (C) 444 10 5 }	152,447 7 6	812,453 5 4	16,878,476 9 9	{ (S) 64,229 18 4 (D) 156,900 15 4 }	{ (D) 114,910 7 11 (S) 2,456,730 0 1 }	487,447 7 5

* Of this amount £226 has not been credited to Headworks.

† Excludes direct contribution to Depreciation Fund, £386 16s. 7d.

(s) Surplus.

(D) Deficiency.

SUMMARY OF PROFIT AND LOSS ACCOUNTS FOR FINANCIAL YEAR 1943-44.

Works.	Expenditure.						Profit and Loss.						
	Revenue Assessment.	Operating Costs.	Interest.	Depreciation.	(A) Redemption. (B) State Loans Repayment Fund.	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 1943-44. (A) Loss. (B) Gain.	Total Loss as at 30th June, 1944.	Total Gain as at 30th June, 1944.
	£ s. d.	£ s. d.	£ s. d.	£ s. d.	£ s. d.	£ s. d.	£ s. d.	£ s. d.	£ s. d.	£ s. d.	£ s. d.	£ s. d.	£ s. d.
Coliban System ..	54,574 3 11	38,785 7 6	11,684 6 8	7,730 0 0	(A) 777 15 5	6 10 2	58,984 8 9	860 11 5	5,270 16 3	295 13 7	(B) 4 6 1	847,798 17 0	577 14 4
Irrigation Districts ..	344,257 16 1	263,151 3 2	67,570 10 4	14,376 0 0	(A) 4,554 0 10	1,012 5 7	350,663 19 11	30,342 16 1	36,748 19 11	2,563 18 0	{(A) 72 0 3 (B) 258 6 3}	610,500 0 10	57,634 15 5
Irrigation Urban Divisions ..	6,491 2 7	5,471 1 8*	563 2 10	727 0 0	(A) 38 16 4	0 15 0	6,800 15 10	309 12 11	619 6 2	5 2 11	{(A) 66 12 9 (B) 6 10 0}	1,048 0 11	8,941 4 0
Waterworks Districts ..	171,326 19 4	214,991 13 10†	32,541 3 7	11,671 0 0	(A) 2,176 13 10	1,393 19 3	263,374 10 6	11,278 14 3	103,326 5 5	8,705 9 8	{(A) 74 3 5 (B) 162 13 10}	1,121,997 13 7	30,304 5 9
Waterworks Urban Districts ..	98,409 2 7	52,749 18 2‡	22,156 8 9	15,090 0 9	(A) 4,233 0 10	111 11 2	94,340 19 8	9,727 11 10	5,659 8 11	623 8 9	{(A) 61 15 0 (B) 77 4 5}	15,345 3 0	87,634 14 2
Flood Protection Districts ..	8,595 0 8	4,404 14 6	382 3 5	..	{(A) 8 12 5 (B) 444 10 5}	34 14 2	5,274 14 11	3,320 5 9	..	74 17 0	..	1,301 5 10	6,403 0 0
Drainage Districts ..	21,142 0 7	36,922 16 2	..	1,722 0 0	..	26 16 2	38,671 12 4	940 17 1	18,470 8 10	108 9 7	..	26,768 7 6	2,922 18 1
Totals ..	704,796 5 9	616,476 15 0	134,897 15 7	51,316 0 9	{(A) 11,788 19 8 (B) 444 10 5}	3,187 0 6	818,111 1 11	56,780 9 4	170,095 5 6	12,376 19 6	{(A) 274 11 5 (B) 509 0 7}	2,624,759 8 8	194,418 11 9

* Includes charges for water supplied from Rural Districts, £1,064.

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

‡ Includes charges for water supplied from Rural Districts, £4,781.

DISTRICT BALANCE SHEETS AS AT 30TH JUNE, 1944.

District.	Liabilities.					Assets.						
	Capital borne by— (A) State (B) District.	Redemption Account.	Depreciation Account.	Sundry Creditors.	Accumulated Deficiency Chargeable to— (A) District Account. (B) State Account.	Profit and Loss Account.		Works at Cost.	Water Supply Works Depreciation Fund.	Sundry Debtors.	Accumulated Surplus Credited to District Account.	Profit and Loss Account. Loss.
						£	s. d.					
IRRIGATION DISTRICTS.												
1. Bacchus Marsh...	{ (A) 107,069 11 10 (B) 71,673 3 4 }	1,150 1 4	142 12 6	0 17 11	(A) 27,221 5 5 (A) 2,033 19 3	£	s. d.	170,711 4 6	142 12 6	402 12 8	..	27,101 2 8
2. Boort ..	{ (A) 235,604 10 0 (B) 14,165 17 6 }	251 12 10	216 4 9	5 4 0	1,822 4 11	£	s. d.	249,986 1 11	216 4 9	3,897 7 4	..	..
3. Colliv ..	{ (A) 185,618 5 11 (B) 8,833 4 7 }	153 7 2	98 2 1	0 18 1	(A) 14,589 16 4	£	s. d.	194,604 17 8	98 2 1	3,083 0 3	..	10,907 14 2
4. Campaspe ..	{ (A) 17,308 5 7 (B) 596,661 13 10 }	..	..	0 0 6	(A) 2,679 18 2	£	s. d.	17,308 5 7	..	516 1 0	..	2,163 17 8
5. Coluna ..	{ (A) 229,675 17 7 (B) 68,667 1 4 }	4,025 5 5	288 3 4	10 19 9	..	£	s. d.	830,362 16 10	288 3 4	12,665 16 2	753 14 10	..
6. Deakin ..	{ (A) 28,314 2 6 (B) 62,420 17 7 }	506 14 4	..	50 2 0	7,044 4 11	£	s. d.	95,517 18 2	..	4,486 16 9	2,608 10 2	..
7. Djaeje ..	{ (A) 11,142 10 8 (B) 165,077 2 10 }	198 0 9	75 16 1	0 6 0	(A) 3,739 0 3	£	s. d.	73,761 17 7	75 16 1	1,219 1 6	..	2,540 4 9
8. Katandra ..	{ (A) 14,512 15 7 (B) 316,919 8 5 }	220 9 5	90 11 2	..	(A) 27,276 14 5	£	s. d.	180,710 7 10	90 11 2	4,402 4 9	..	22,874 9 8
9. Kerang ..	{ (A) 63,523 8 8 (B) 379,900 9 2 }	1,110 12 9	39 11 3	37 2 9	..	£	s. d.	381,555 9 10	29 11 3	7,823 15 4	2,316 11 9	..
10. Koondrook ..	{ (A) 86,684 7 2 (B) 1,090,361 12 3 }	1,527 4 5	..	4 1 9	(A) 58,230 2 9	£	s. d.	467,892 1 0	..	12,064 2 5	..	46,416 1 9
11. Maffra-Sale ..	{ (A) 174,335 1 2 (B) 1,470,854 13 6 }	2,447 15 0	1,041 18 6	2 16 8	16,619 9 11	£	s. d.	1,267,144 8 5	1,041 18 6	6,018 2 11	10,604 3 8	..
12. Murray Valley ..	{ (A) 1,470,854 13 6 (B) 57,435 11 6 }	1,188 15 0	152 9 4	6 10 4	8,637 0 1	£	s. d.	*1,470,854 13 6	152 9 4	8,160 7 10	483 2 7	..
13. Mystic Park ..	{ (A) 50,677 8 8 (B) 28,656 14 16 }	118 6 7	..	0 3 0	(A) 4,112 0 1	£	s. d.	57,435 11 6	..	734 5 3	..	3,394 15 7
14. North Shepparton ..	{ (A) 288,214 13 10 (B) 63,579 1 3 }	1,052 13 5	219 2 3	9 2 11	(A) 41,857 6 1	£	s. d.	358,946 10 8	219 2 3	4,085 5 0	..	37,781 4 0
15. Rochester ..	{ (A) 990,753 14 0 (B) 191,579 18 1 }	3,408 12 1	990 2 9	85 11 2	(A) 32,301 12 2	£	s. d.	1,185,742 4 2	990 2 9	26,259 7 4	..	6,127 16 0
16. Rodney ..	{ (A) 1,350,004 2 5 (B) 154,286 13 3 }	2,734 5 9	1,164 10 2	31 14 0	(A) 75,440 17 7	£	s. d.	1,486,633 9 11	1,164 10 2	13,208 0 0	..	82,656 3 1
17. Shepparton ..	{ (A) 413,222 14 4 (B) 72,418 3 2 }	1,082 9 6	504 16 1	2 17 10	(A) 63,330 19 10	£	s. d.	486,540 1 2	504 16 1	3,283 14 6	..	60,233 9 0
18. South Shepparton ..	{ (A) 106,874 9 8 (B) 17,405 2 7 }	309 12 3	75 4 1	0 1 5	(A) 2,562 4 9	£	s. d.	118,589 4 6	75 4 1	913 15 1	..	1,648 11 1
19. Swan Hill ..	{ (A) 410,277 10 10 (B) 68,406 14 7 }	1,206 8 10	3,244 1 6	12 19 7	(A) 7,818 3 10	£	s. d.	479,717 13 1	3,244 1 6	5,332 17 6	..	2,671 7 1
20. Third Lake ..	{ (A) 68,406 14 7 (B) 46,258 2 5 }	82 8 11	..	..	(A) 1,858 1 2	£	s. d.	50,940 2 5	..	1,450 10 1	..	407 11 1
21. Tongala-Stanhope ..	{ (A) 794,572 8 0 (B) 144,941 18 1 }	2,562 12 6	804 9 1	44 19 11	(A) 83,708 15 7	£	s. d.	942,076 19 1	804 9 1	27,258 11 8	..	56,495 3 10
22. Traragon Plains ..	{ (A) 649,605 9 3 (B) 115,422 5 0 }	1,753 5 11	516 2 6	11 14 6	(A) 48,750 9 11	£	s. d.	766,778 16 0	516 2 6	17,025 6 7	..	32,029 2 0
23. Werribee ..	{ (A) 182,123 14 1 (B) 117,627 0 6 }	1,786 11 10	671 7 3	17 15 0	(A) 24,385 12 4	£	s. d.	301,442 0 5	671 7 3	1,791 9 2	..	22,910 4 2
Totals ..	{ (A) 9,938,085 0 2 (B) 1,693,080 12 0 }	23,880 1 0	10,415 4 8	835 19 1	(A) 522,036 19 11	£	s. d.	11,653,252 15 9	10,415 4 8	166,681 11 3	16,766 3 0	398,352 17 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 works has been transferred to the "Revenue Expenditure Chargeable to the State Account," (by authority of Orders in Council, dated 30th July, 1938, and 16th November, 1942, under the provisions of Section 6, *Water Act* 1937, No. 4513.)

[illegible]

* Inclusive of £1,052 15s. Interest charged on Works prior to Works becoming revenue-producing.

DISTRICT BALANCE SHEETS AS AT 30TH JUNE, 1944.

District.	Liabilities.					Assets.					
	Capital borne by— (A) State. (B) District.	Redemption Account.	Depreciation Account.	Sundry Creditors.	Accumulated Deficiency Chargeable to— (A) District Account. (B) State Account.	Profit and Loss Account. Gain.	Works at Cost.	Water Supply Works Depreciation Fund.	Sundry Debtors.	Accumulated Surplus Credited to District Account.	Profit and Loss Account.
											Loss.
	£ s. d.	£ s. d.	£ s. d.	£ s. d.	£ s. d.	£ s. d.	£ s. d.	£ s. d.	£ s. d.	£ s. d.	£ s. d.
URBAN DIVISIONS.											
1. Bacchus Marsh	{(A) 3,751 9 5 (B) 10,181 7 8}	178 10 1	947 2 6	2 0 10	..	825 14 7	14,085 10 5	947 2 6	173 14 1	679 18 1	..
2. Cobuna	{(A) 5,813 19 11 (B) 3,210 9 8}	143 9 8	442 4 4	27 11 6	..	1,433 5 9	9,107 10 3	442 4 4	274 18 9	1,185 18 6	..
3. Dingee	{(A) 3,210 9 8 (B) 1,452 4 5}	..	29 18 3	..	(A) 260 13 4	..	1,452 4 5	15 18 3	94 18 1	..	179 15 3
4. Letchville	{(A) 3,902 1 9 (B) 2,116 14 5}	23 10 8	335 9 6	7 19 6	..	583 2 4	3,926 1 5	335 9 6	111 19 7	479 2 3	..
5. Lockington	{(A) 118 9 10 (B) 15,128 17 1}	33 17 6	297 18 5	1 9 6	..	707 10 10	2,269 1 9	297 18 5	109 15 3	599 5 1	..
6. Red Cliffs	{(A) 1,504 15 7 (B) 1,492 14 6}	229 5 3	1,081 19 8	1 6 2	..	4,398 14 7	16,862 17 11	1,081 19 8	1,301 10 11	3,098 9 10	..
7. Stanhope	{(A) 33,658 1 6 (B) 15,015 2 9}	21 4 4	183 4 1	1 11 6	..	992 15 11	1,513 18 10	183 4 1	9 13 4	984 14 1	..
Totals ..	..	630 6 6	3,317 16 9	41 19 0	(A) 260 13 4	8,941 4 0	49,277 14 0	3,203 16 9	2,076 10 0	7,027 7 10	179 15 3
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 Order in Council, dated 30th July, 1938, under the provisions of Section 6, Water Act 1937, No. 4513.)											
8. Corop	{(A) 231 15 6 (B) 12,263 10 2}	..	45 9 7	0 16 9	{(A) 26 8 7 (B) 112 6 10}	..	231 15 6	45 9 7	15 10 2	..	18 3 9
9. Heyfield	{(A) 1,047 15 9 (B) 1,047 15 9}	..	867 11 0	0 0 4	{(A) 102 10 7 (B) 122 18 0}	..	12,263 10 2	867 11 0	125 9 6	..	178 17 3
10. Murrabit	{(A) 1,047 15 9 (B) 1,047 15 9}	..	205 9 9	..	{(A) 407 1 0 (B) 407 1 0}	..	1,047 15 9	33 0 0	31 4 1	..	671 4 8
Totals ..	..	..	1,118 10 4	0 17 1	{(A) 261 13 5 (B) 605 9 2}	..	13,543 1 5	946 0 7	172 3 9	..	863 5 8
Grand Totals ..	{(A) 47,301 2 11 (B) 15,015 2 9}	630 6 6	4,436 7 1	42 16 1	{(A) 522 6 9 (B) 605 9 2}	8,941 4 0	62,820 15 5	4,249 17 4	2,248 13 9	7,027 7 10	1,048 0 11
											£77,394 15s. 3d.

DISTRICT BALANCE SHEETS AS AT 30TH JUNE, 1944.

District.	Liabilities.				Assets.						
	Capital borne by— (A) State. (B) District.	Redemption Account.	Depreciation Account.	Sundry Creditors.	Accumulated Chargeable to— (A) District Account. (B) State Account.	Profit and Loss Account. Gain.	Works at Cost.	Water Supply Works Depreciation Fund.	Sundry Debtors.	Accumulated Surplus Credited to District Account.	Profit and Loss Account. Loss.
	£ s. d.	£ s. d.	£ s. d.	£ s. d.	£ s. d.	£ s. d.	£ s. d.	£ s. d.	£ s. d.	£ s. d.	£ s. d.
WATERWORKS DISTRICTS.											
1. Bellarine Peninsula	{(A) 211,473 16 4 (B) 82,867 15 8}	1,250 8 6	..	22 9 0	(A) 2,126 12 7	..	295,592 0 6	..	316 13 3	..	2,132 8 4
2. Mornington Peninsula	{(A) 240,763 2 3 (B) 63,066 4 8}	786 16 6	3,710 0 2	0 13 0	..	15,891 17 6	304,616 3 5	3,710 0 2	4,670 12 7	11,221 17 11	..
3. Newstead	{(A) 4,636 6 10 (B) ..}	..	..	..	..	54 0 0	4,636 6 10	..	..	54 0 0	..
4. Normanville	{(A) 130 1 2 (B) 19,855 15 5}	272 5 5	..	0 4 8	(A) 478 3 7	3,095 19 9	20,207 18 6	..	3,624 11 6	..	..
5. Orway ..	{(A) 72,628 6 0 (B) 92,172 6 4}	1,493 1 5	9,996 5 4	0 0 6	(A) 7,080 5 11	..	164,800 12 4	9,771 18 8	78 18 8	..	8,715 15 10
6. Werribee	{(A) 7,470 0 4 (B) 4,013 5 8}	82 12 10	..	..	(A) 1,308 3 10	..	11,595 18 10	..	203 12 9	..	1,104 11 1
7. Western Wimmera	{(A) 195,093 11 2 (B) 157,723 11 3}	2,363 17 5	3,997 5 2	17 8 9	(A) 21,939 11 6	..	352,904 12 7	3,997 5 2	3,500 11 6	..	20,633 16 0
8. Wimmera United	{(A) 14,598 4 4 (B) 267,481 2 10}	3,932 14 0	235 10 0	10 15 10	(A) 6,803 18 3	..	283,045 0 1	235 19 0	7,294 18 11	..	2,486 16 3
Totals	{(A) 746,703 8 5 (B) 687,210 1 10}	10,181 16 1	17,939 9 8	51 11 9	(A) 40,027 15 8	19,041 17 3	1,437,398 13 1	17,715 3 0	19,689 19 2	11,275 17 11	35,076 7 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 June, 1938, and 21st October, 1941, under the provisions of Section 6, <i>Water Act 1937</i> , No. 4513.)											
9. Birchip...	{(A) 116,222 16 6 (B) 25,064 16 7}	381 13 5	..	3 13 3	(A) 30,095 10 9	..	141,669 6 6	..	3,677 3 9	..	26,422 0 3
10. Carwarp	{(A) 41,470 7 5 (B) ..}	..	1,680 0 0	0 0 2	{(A) 57,086 7 6 (B) 12,253 17 9}	..	41,470 7 5	240 0 0	1,985 16 7	..	68,794 8 10
11. Carwarp Central	{(A) 2,353 10 2 (B) ..}	..	146 19 7	..	{(A) 2,190 4 2 (B) 741 7 11}	..	2,353 10 2	26 19 7	562 8 2	..	2,489 3 11
12. Coreena	{(A) 46,081 11 10 (B) ..}	..	5,565 0 0	0 8 10	{(A) 28,374 10 4 (B) 15,290 10 10}	1,654 0 2	46,081 11 10	795 0 0	7,665 15 10	..	40,679 14 2
13. Hindmarsh	{(A) 13,790 18 8 (B) 5,780 15 9}	103 4 3	1,232 3 7	..	{(A) 54,444 1 7 (B) 20,403 18 9}	..	19,674 18 8	1,232 3 7	1,128 18 1	525 2 1	..
14. Karkaroor	{(A) 315,222 0 9 (B) 1,121 17 3}	14 9 8	..	3 4 3	{(A) 20,403 18 9 (B) 914 14 2}	..	316,358 7 8	..	12,144 1 0	..	62,707 3 7
15. Kerang North-West Lakes	{(A) 3,840 3 8 (B) ..}	..	..	1 3 7	{(A) 303 13 (B) 51,592 16 8}	..	3,840 3 8	..	306 18 10	..	1,002 12 3
16. Long Lake	{(A) 162,395 10 5 (B) 8,580 6 10}	127 9 4	1,225 0 0	15 2 2	{(A) 51,592 16 8 (B) 13,356 13 4}	..	170,975 17 3	175 0 0	25,141 2 1	..	41,990 19 5
17. Milawa	{(A) 483,947 14 0 (B) ..}	..	20,916 0 0	0 1 2	{(A) 101,857 14 9 (B) 72,821 3 7}	..	483,947 14 0	2,988 0 0	13,870 18 2	..	178,736 1 4
18. Milawa Central	{(A) 170,647 0 0 (B) ..}	..	8,568 0 0	..	{(A) 55,903 8 10 (B) 37,808 17 2}	..	170,647 0 0	1,224 0 0	10,510 1 8	..	111,444 11 4
19. Sea Lake	{(A) 190,943 8 7 (B) 10 6 5}	..	..	15 10 6	{(A) 37,808 17 2 (B) 354 15 5}	..	190,953 15 0	..	10,416 7 9	..	27,782 15 4

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

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

DISTRICT BALANCE SHEETS AS AT 30TH JUNE, 1944.

District.	Liabilities.						Assets.					
	Capital borne by— (A) State (B) District.		Redemption Account.		Depreciation Account.		Sundry Creditors.		Accumulated Deficiency Chargeable to— (A) District Account. (B) State Account.		Profit and Loss Account. Gain.	
	£	s. d.	£	s. d.	£	s. d.	£	s. d.	£	s. d.	£	s. d.
1. Allansford	(A) 1,683 18 0 (B) 826 5 11	12 6 7	50 10 1	2 9 0	(A) 3 18 9	14 2 1	2,515 0 1	44 14 6	33 15 10	..	..	..
2. Antwerp	(A) 444 18 4 (B) 259 2 4	11 11 2	20 3 8	1 3 4	..	211 4 10	714 18 4	20 3 8	29 9 8	183 12 0	..	..
3. Barwon Heads and Oceaad Grove	(A) 32,113 18 6 (B) 7,941 2 6	265 2 10	1,721 12 2	14 16 0	..	1,862 10 0	40,320 3 10	1,721 12 2	547 6 4	1,329 19 8	..	..
4. Berriwillock	(A) 5,160 6 4 (B) 3 12 6	24 10 10	121 5 11	6 4 4	..	173 3 4	5,188 9 8	121 5 11	32 2 9	147 4 11	..	..
5. Berwick	(A) 19,793 19 8 (B) 2,874 9 3	81 8 2	1,632 17 3	..	..	1,338 8 7	22,749 17 1	1,632 17 3	329 0 6	1,009 8 1	..	..
6. Birchlip..	(A) 12,413 15 8 (B) 3,194 12 5	12 12 3	622 18 1	5 18 11	(A) 1,437 11 9	..	12,426 7 11	454 18 1	161 15 10	..	1,449 14 10	..
7. Brim ..	(A) 315 18 0 (B) 11,333 0 11	39 1 9	247 15 6	12 15 8	..	668 7 6	3,549 12 2	247 15 6	83 11 10	597 11 4	..	..
8. Bunyip..	(A) 3 0 0 (B) 40,239 18 5	2 4 5	1,016 10 1	1 10 6	..	721 9 0	11,338 5 4	1,016 10 1	270 8 5	452 11 1	..	..
9. Camperdown	(A) 54,896 18 5 (B) 192,661 11 4	1,010 6 5	3,217 1 1	65 14 6	..	4,890 2 10	98,007 14 10	3,217 1 1	427 19 9	4,667 6 0	..	..
10. Carrun	(A) 22,904 0 9 (B) 2,477 14 6	583 17 4	16,270 17 4	11 2 6	(A) 4,294 13 0	..	216,149 9 5	16,270 17 4	1,562 10 3	..	2,743 5 3	..
11. Chillingollah	(A) 11,719 9 5 (B) 12,912 1 2	8 14 5	81 1 2	0 0 6	(A) 981 12 8	..	2,486 8 11	69 6 7	872 10 2	..	120 17 7	..
12. Cobden..	(A) 8,828 14 6 (B) 584 2 7	261 4 6	771 16 0	33 5 3	..	902 13 0	24,865 2 5	771 16 0	267 6 0	696 4 11	..	..
13. Cranbourne	(A) 9,477 16 10 (B) 2,340 12 3	53 15 9	765 13 3	..	..	313 12 10	9,466 12 10	765 13 3	0 16 8	312 16 2	..	..
14. Crib Point	(A) 2,153 14 2 (B) 2,245 11 6	87 10 3	427 12 6	..	..	350 6 9	11,883 13 0	298 12 6	485 3 10	16 9 3	..	..
15. Culgoosa ..	(A) 51,636 1 10 (B) 6,943 18 11	56 17 4	137 0 8	4 11 7	..	262 13 8	4,456 3 0	137 0 8	94 9 5	172 15 10	..	..
16. Dandenong	(A) 86,253 8 6 (B) 10,935 17 0	707 7 10	10,143 17 10	17 13 7	..	3,979 2 3	138,596 18 2	10,143 17 10	812 11 1	3,184 4 9	..	..
17. Dimboola	(A) 681 4 0 (B) 17 3 0	253 1 3	650 4 2	3 3 9	..	2,050 3 8	18,132 17 2	650 4 2	413 4 3	1,640 3 2	..	..
18. Doon ..	(A) 152,082 11 6 (B) 4,622 1 2	0 0 5	83 5 6	1 6 8	(A) 69 11 0	..	698 7 5	83 5 6	26 19 5	..	43 18	..
19. Dromana-Portsea	(A) 4,870 12 11 (B) 109,238 4 5	8,152 4 7	4,789 7 6	131 7 3	(A) 1,295 0 4	..	*164,856 17 3	4,789 7 6	1,085 5 3	..	341 2	..
20. Frankton	(A) 8,758 6 11 (B) 14,091 6 4	1,631 1 10	7,863 2 11	20 17 3	..	4,682 10 1	115,739 19 2	7,863 2 11	1,173 0 8	3,530 6 8	..	..
21. Garfield	(A) 6 5 0 (B) 300 3 2	11 19 8	654 5 7	..	..	132 1 1	8,771 19 11	654 5 7	109 6 7	22 14 6	..	..
22. Hastings	(A) 682 7 9 (B) 10,315 17 3	12 1 0	951 17 6	3 4 0	(A) 354 16 6	..	14,109 12 2	951 17 6	44 19 7	..	313	..
23. Hicksborough	(A) 7,528 4 0 (B) 5,742 7 8	9 4 2	59 8 7	2 14 2	..	400 5 8	991 15 1	59 8 7	94 14 10	308 5 0	..	..
24. Hopetoun	(A) 4,532 11 1 (B) 130 7 0	29 19 0	393 9 6	18 15 10	..	1,166 11 7	10,357 13 8	393 9 6	523 16 9	661 10 8	..	..
25. Jeparit	(A) 4,252 4 10 (B) 17 7 5	107 14 6	202 5 5	2 3 4	..	1,046 18 8	13,468 6 2	202 5 5	221 11 7	827 10 5	..	..
26. Lalbert..	(A) 2,337 8 6 (B) 9,286 7 1	33 11 4	304 17 6	1 14 11	(A) 394 3 3	..	4,666 14 9	293 7 7	194 15 9	..	242 7 0	..
27. Lascelles	(A) 0 0 5 (B) 193 10 7	0 0 5	144 15 4	4 17 9	(A) 442 0 3	..	4,269 12 3	144 15 4	108 7 11	..	338 10 6	..
28. Longwarry	(A) 777 13 3 (B) ..	777 13 3	..	..	..	726 8 9	11,867 6 2	777 13 3	154 5 2	572 3 7	..	..

Note—Urban Districts Balance Sheets continued on next page.

DISTRICT BALANCE SHEETS AS AT 30TH JUNE, 1944—continued.

District.	Liabilities.					Assets.									
	Capital borne by— (A) State (B) District.	Redemption Account.	Depreciation Account.	Sundry Creditors.	Accumulated Deficiency Chargeable to— (A) District Account. (B) State Account.	Profit and Loss Account.		Works at Cost.	Water Supply Works Depreciation Fund.	Sundry Debtors.	Accumulated Surplus Credited to District Accounts.	Profit and Loss Account.			
						Gain.	Loss.								
	£	s.	d.	£	s.	d.	£	s.	d.	£	s.	d.	£	s.	d.
29. Manangatang ..	(A) 3,495 11 5 (B) 1,678 14 9	81 3 3	175 18 9	0 17 2	..	812 15 6	5,225 0 5	142 18 9	423 5 4	453 16 4	..	..	
30. Marnoo ..	(A) 2,674 8 10 (B) 1,361 17 2	57 13 3	408 6 11	5 17 6	..	557 10 5	4,093 19 3	408 6 11	58 1 8	505 6 3	..	..	
31. Merbein ..	(A) 14,408 16 6 (B) 4,178 13 7	255 18 0	1,039 3 4	0 17 4	(A) 461 6 8	..	18,748 19 2	1,039 3 4	446 13 10	..	49 19 1	..			
32. Minyip ..	(A) 7,198 3 8 (B) 3,034 15 2	163 13 2	267 3 1	33 3 4	..	951 19 3	19,396 12 0	267 3 1	172 6 0	813 2 7	..	..	
33. Mornington ..	(A) 23,244 10 2 (B) 52,768 6 8	952 16 3	4,206 5 10	2 1 5	..	10,356 12 10	76,965 13 1	4,206 5 10	544 14 7	9,813 19 8	..	..	
34. Natimuk ..	(A) 828 19 4 (B) 4,069 6 1	74 0 8	379 0 8	0 14 4	..	576 5 9	4,972 6 1	379 0 8	167 16 6	409 3 7	..	..	
35. Newstead ..	(A) 5,799 15 2 (B) 1,763 13 10	92 9 9	385 6 8	..	(A) 36 15 8	..	7,621 14 8	334 6 8	21 18 3	..	100 1 6	..			
36. North Wonthaggi ..	(A) 4,141 8 4 (B) 3,370 15 4	23 0 6	422 16 6	1 10 0	..	1,249 2 4	4,164 8 10	422 16 6	897 6 2	353 6 2	..	..	
37. Nullawil ..	(A) 280 16 6 (B) 634 14 9	36 2 2	102 17 3	2 0 6	..	82 5 3	3,686 18 2	102 17 3	39 15 9	45 5 10	..	..	
38. Nyah ..	(A) 21,160 16 6 (B) 61 18 3	2 8 10	182 5 7	2 9 2	..	116 16 4	637 3 7	182 5 7	89 12 11	29 12 7	..	..	
39. Ouyen ..	(A) 8,892 18 11 (B) 9,488 4 10	86 13 8	516 4 3	18 12 9	..	2,212 18 8	21,309 8 5	516 4 3	1,389 13 6	841 17 11	..	..	
40. Pakenham ..	(A) 3,978 11 6 (B) 1,299 2 9	246 8 8	1,740 1 0	..	..	1,089 16 3	18,627 12 5	1,740 1 0	258 10 1	831 6 2	..	..	
41. Pyramid Hill ..	(A) 4,818 15 5 (B) 3 4 11	80 2 7	432 9 1	0 3 9	..	1,086 1 7	5,357 16 10	432 9 1	225 7 8	860 11 10	..	..	
42. Quambatook ..	(A) 68,168 15 5 (B) 16,097 9 8	19 18 1	320 11 0	0 18 11	..	521 10 3	4,841 18 5	320 11 0	409 17 4	112 17 8	..	..	
43. Queenscliff and Point Lonsdale ..	(A) 7,603 8 0 (B) 3,843 7 10	511 9 9	3,349 8 8	10 10 5	..	1,948 10 7	84,736 6 8	3,349 8 8	371 16 4	1,028 12 10	..	..	
44. Rabbow ..	(A) 6,396 19 1 (B) 4,138 4 5	177 4 3	331 6 7	20 14 5	..	3,878 2 2	11,524 0 1	331 6 7	220 17 4	3,677 19 3	..	..	
45. Rupanyup ..	(A) 21,047 5 8 (B) 25,821 2 10	140 5 11	308 11 6	28 11 11	..	606 13 8	10,875 9 5	308 11 6	63 15 8	571 9 11	..	..	
46. Sea Lake ..	(A) 6,170 1 0 (B) 1,539 7 1	120 13 7	683 12 5	14 17 4	..	1,558 12 9	7,806 10 7	683 12 5	298 6 4	1,298 14 10	..	..	
47. Somerville ..	(A) 4,618 16 9 (B) 21,047 5 8	98 4 7	447 5 5	..	..	801 11 11	7,661 2 1	447 5 5	65 0 5	736 11 6	..	..	
48. South Frankston ..	(A) 28,185 11 2 (B) 28,976 15 7	584 5 0	1,869 18 3	5 16 4	..	4,248 15 0	47,452 13 6	1,869 18 3	310 15 7	3,943 15 9	..	..	
49. Spring Vale ..	(A) 111,959 5 7 (B) 28,185 11 2	1,452 17 9	6,134 12 9	10 12 10	..	18,918 3 3	127,709 0 6	6,134 12 9	8,772 6 8	15,156 9 5	..	..	
50. Terang ..	(A) 32,125 16 11 (B) 4 4 7	632 15 3	2,571 17 3	43 9 6	..	961 12 9	57,795 2 0	2,571 17 3	235 15 2	769 7 1	..	..	
51. Torquay ..	(A) 4,929 17 3 (B) 125 6 10	40 6 0	729 17 10	4 18 4	(A) 874 13 4	..	32,170 7 6	729 17 10	163 4 8	..	716 7 0	..			
52. Watchem ..	(A) 35 5 2 (B) 11 3 9	35 5 2	296 0 4	11 3 9	(A) 49 0 2	41 14 7	5,090 9 3	296 0 4	101 18 6	..	..	..

URBAN DISTRICTS—continued.

DISTRICT BALANCE SHEETS AS AT 30TH JUNE, 1944.

District.	Liabilities.						Assets.																
	Capital borne by State.	Depreciation Account.	Sundry Creditors.	Accumulated Deficiency Chargeable to— (A) District Account. (B) State Account.		Profit and Loss Account. Gain.	Works at Cost.	Water Supply Works Depreciation Fund.	Sundry Debtors.	Accumulated Surplus Credited to District Account.		Profit and Loss Account. Loss.											
				£	s.					d.	£		s.	d.	£	s.	d.						
DRAINAGE DISTRICTS.																							
1. Carrum	24,971	0	10	..	1	8	9	(A) 177	16	7	1,421	6	9	24,971	0	10	..	1,600	12	1	..	..
Totals	24,971	0	10	..	1	8	9	(A) 177	16	7	1,421	6	9	24,971	0	10	..	1,600	12	1	..	..
The Districts set out hereunder are those whose works will not produce sufficient revenue to cover the expense of the maintenance and management thereof. 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 8, <i>Water Act 1937</i> , No. 4513.)																							
2. Cohuna	5,923	16	3	..	..	..	..	{ (A) 440 18 2 } { (B) 2,191 14 1 } { (A) 549 8 1 }	..	..	..	5,923	16	3	..	238	10	10	..	2,394	1	5	
3. Kerang East	158	7	4	..	..	..	..	..	654	7	9	158	7	4	..	1,203	15	10	..	..	5,544	16	0
4. Maffra-Sale	258	14	11	..	..	..	..	{ (A) 2,505 4 11 } { (B) 3,146 10 11 }	..	..	..	258	14	11	..	107	8	10	..	..	1,005	6	7
5. Merbein	404	7	11	..	..	..	..	{ (A) 632 15 6 } { (B) 340 8 10 }	..	..	..	404	7	11	..	3,670	15	4	..	..	996	14	8
6. Murrabit	2,453	7	8	..	..	..	..	{ (B) 1,179 4 8 }	..	..	..	2,453	7	8	..	..	..	..	..	80	6	3	
7. Nyah	2,591	13	6	..	..	..	..	{ (B) 71 8 1 }	..	..	..	2,591	13	6	..	126	10	0	..	..	128	14	3
8. Red Cliffs	528	3	3	..	..	0	3	3	..	354	19	7	528	3	3	..	6,039	7	3	..	355	1	1
9. Rochester	1,190	9	3	..	..	7	0	5	..	..	..	1,190	9	3	..	..	..	..	..	..	5,208	17	10
10. Rodney	4,094	10	5	..	..	..	..	..	..	..	..	4,094	10	5	..	..	..	..	..	..	476	14	9
11. Shepparton	7,547	11	10	..	..	..	..	..	..	..	..	7,547	11	10	..	..	..	..	..	..	5,546	4	7
12. Tongala-Stanhope	3,385	6	2	..	..	27	10	7	..	..	..	3,385	6	2	..	..	..	..	..	..	4,896	1	5
13. Werribee	167	19	2	..	..	0	9	4	..	492	4	0	167	19	2	..	..	..	..	..	490	11	10
14. Woorinen	685	19	6	..	..	0	9	2	..	..	..	685	19	6	..	884	9	6	..	..	69	2	5
Totals	29,390	7	2	..	..	35	12	9	..	1,501	11	4	29,390	7	2	..	10,721	2	1	..	5,295	8	9
Grand Totals	*54,361	8	0	..	..	37	1	6	..	2,922	18	1	*54,361	8	0	..	10,721	2	1	..	6,806	0	10

£99,742.

* Treaseo Drainage District (proposed) excluded (£169 3s.).

£99,742.

SUMMARY OF DISTRICTS BALANCE SHEETS AS AT 30TH JUNE, 1944.

District.	Liabilities.						Assets.				
	Capital borne by— (A) State (B) District.	Redemption Account.	Depreciation Account.	Sundry Creditors.	Accumulated Deficiency Chargeable to— Account.		Profit and Loss Account.				
					(A) District	(B) State		Gain.			
	£ s. d.	£ s. d.	£ s. d.	£ s. d.	£ s. d.	£ s. d.	£ s. d.	£ s. d.	£ s. d.	£ s. d.	Profit and Loss Account.
Colban System	{ (A) 1,379,957 15 8 { (B) 311,117 10 1	5,840 6 10	49,422 4 7	403 16 0	{ (A) 838,179 5 6 { (B) 15 12 4	577 14 4	1,691,322 6 4	39,524 9 4	6,398 6 8	470 6 0	847,798 17 0
Flood Protection Districts	{ (A) 384,556 0 6 { (B) 9,715 7 8	64 4 2	..	16 12 1	(A) 4,366 3 9	6,403 0 0	394,336 12 4	..	7,466 2 8	2,018 7 4	1,301 5 10
Irrigation Districts	{ (A) 11,737,877 18 1 { (B) 1,795,757 16 3	30,418 3 3	90,571 14 8	391 15 1	{ (A) 725,813 5 3 { (B) 21,298 13 3	57,034 15 5	*13,560,777 17 9	73,854 14 8	197,865 5 0	16,766 3 0	610,500 0 10
Irrigation Urban Divisions	{ (A) 47,201 2 11 { (B) 15,015 2 9	630 6 6	4,436 7 1	42 16 1	{ (A) 522 6 9 { (B) 605 9 2	8,941 4 0	62,820 15 5	4,240 17 4	2,248 13 9	7,027 7 10	1,048 0 11
Waterworks Districts	{ (A) 3,684,147 2 11 { (B) 868,344 15 9	12,995 16 7	61,318 5 5	148 15 9	{ (A) 855,933 1 0 { (B) 442,383 0 7	30,304 5 9	4,558,655 15 7	26,689 18 9	228,811 5 3	19,420 10 7	1,121,997 13 7
Waterworks Urban Districts	{ (A) 1,161,024 9 9 { (B) 1,589,756 15 10	20,042 19 3	94,724 16 3	666 7 6	{ (A) 19,512 18 2 { (B) 3,946 2 10	87,634 14 2	†1,770,355 14 10	92,728 4 10	30,958 9 6	67,921 11 7	15,345 3 0
Drainage Districts	(A) ‡54,361 8 0	..	10,819 3 6	37 1 6	{ (A) 12,402 19 8 { (B) 10,198 9 3	2,922 18 1	‡54,361 8 0	10,721 2 1	6,896 0 10	995 1 7	26,768 7 6
Totals	{ (A) 18,449,125 17 10 { (B) 3,589,708 8 4	69,991 16 7	311,292 11 6	1,707 4 0	{ (A) 2,456,730 0 1 { (B) 487,447 7 5	194,418 11 9	22,092,630 10 3	247,768 7 0	‡480,644 3 8	114,619 7 11	2,624,759 8 8

£25,500,421 17s. 6d.

£25,560,421 17s. 6d.

* Inclusive of £1,052 15s. Interest charged on works prior to works becoming revenue-producing (Murray Valley).
† Works at Cost—Includes Capitalised Interest £8,172 3s. 10d.
‡ Capital borne by District and Works at Cost—Excludes Treco Drainage District (proposed) £169 2s.

§ Exclusive of Divisions Branch and Avoca Waterworks Trust.
|| Capital borne by District—Includes Capitalised Interest £31 9s. 1d.—Allanford Urban Waterworks District.

SUB-SURFACE DRAINAGE WORKS.

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

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

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

The expenditure to 30th June, 1944, in the respective areas is set out hereunder:—

Area.	Source of Funds		Total Cost of Scheme to 30th June, 1944.
	Unemployment Relief Loan Funds.	Growers' Contributions during Construction.	
	£ s. d.	£ s. d.	£ s. d.
Red Cliffs Drainage District	151,900 9 10	18,549 0 6	170,449 10 4
Merbein Drainage District	93,821 18 7	19,749 15 1	113,571 13 8
First Mildura Irrigation Trust District	211,142 13 10	52,867 19 8	264,010 13 6
Woorinen Drainage District	51,139 6 5	..	51,139 6 5
Nyah Drainage District	21,734 8 8	..	21,734 8 8
Totals	529,738 17 4	91,166 15 3	620,905 12 7

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

Area.	Total Amount of Contributions.	Instalments Due to 30th June, 1944.	Payments made as at 30th June, 1944.	Arrears of Contributions as at 30th June, 1944.
	£ s. d.	£ s. d.	£ s. d.	£ s. d.
Red Cliffs Drainage District	41,258 1 8	41,258 1 8	*40,987 0 10	323 7 6
Merbein Drainage District	31,727 10 0	31,727 10 0	31,727 10 0	..
First Mildura Irrigation Trust District	53,954 13 0	53,954 13 0	53,954 13 0	..
Woorinen Drainage District	8,757 10 0	6,966 14 0	†6,834 6 6	164 18 0
Nyah Drainage District	1,150 7 6	490 17 5	‡494 2 5	4 5 0
Totals	136,848 2 2	134,397 16 1	133,997 12 9	492 10 6

* Includes an over payment of £52 6s. 8d.

† Includes advance payments of £32 10s. 6d.

‡ Includes an advance payment of £7 10s.

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

DISTRICTS HELD IN TRUST BY THE COMMISSION.

STATEMENT of Receipts and Disbursements for the Year ended 31st December, 1943.

Receipts.

Name of Trust.	Bank Balance at 1st January, 1943.	1943.				Grand Total for Year 1943.
		Rates.	Water Sales.	Interest and Miscellaneous.	Total.	
	£	£	£	£	£	£
Loddon United	Cr. 1,221	1,970	92	94	2,156	3,377
Loddon United (Mitiamo District) .. .. .	..	160	73	1,226	1,459	1,459
Totals	Cr. 1,221	2,130	165	1,320	3,615	4,836

Disbursements.

Name of Trust.	Capital Debt, 31st December, 1943.	1943.					Grand Total for Year 1943.	Bank Balance Carried Forward 1st January, 1944.
		Maintenance and Water Distribution.	Management.	Total.	Interest.	(A) Depreciation: (B) Redemption.		
	£	£	£	£	£	£	£	£
Loddon United .. .. .	..	2,428	102	2,530	..	..	2,530	Cr. 847
Loddon United (Mitiamo District)	2,938	157	20	177	154	{ (A) 28 (B) 1,100 }	1,459	..
Totals	2,938	2,585	122	2,707	154	{ (A) 28 (B) 1,100 }	3,989	Cr. 847

WATER SUPPLY WORKS DEPRECIATION ACCOUNTS AS AT 30TH JUNE, 1944.

District.	Balance at 1st July, 1943.	Amounts Paid into Account 1943-44.	Interest Credited 1943-44.	Total.	Expenditure 1943-44.	Balance in Account at 30th June, 1944.
	£ s. d.	£ s. d.	£ s. d.	£ s. d.	£ s. d.	£ s. d.
IRRIGATION AND WATER SUPPLY DISTRICTS.						
Bacchus Marsh	121 11 9	18 0 0	3 0 9	142 12 6	..	142 12 6
Boort	184 12 5	27 0 0	4 12 4	216 4 9	..	216 4 9
Calivil	83 0 7	13 0 0	2 1 6	98 2 1	..	98 2 1
Cohuna	249 15 0	*37 0 0	1 8 4	*288 3 4	..	288 3 4
Dingee	64 4 0	10 0 0	1 12 1	75 16 1	..	75 16 1
Katandra	76 12 10	12 0 0	1 18 4	90 11 2	..	90 11 2
Kerang	28 16 10	..	0 14 5	29 11 3	..	29 11 3
Maffra-Sale	871 2 2	*149 0 9	21 15 7	*1,041 18 6	..	1,041 18 6
Merbein	10,715 11 0	3,223 0 0	264 16 0	14,203 7 0	..	14,203 7 0
Murray Valley	60 12 3	*90 6 9	1 10 4	*152 9 4	..	152 9 4
North Shepparton	188 8 0	26 0 0	4 14 3	219 2 3	..	219 2 3
Nyah	4,062 1 0	672 0 0	101 11 0	4,835 12 0	..	4,835 12 0
Red Cliffs	51,216 2 6	8,929 0 0	872 13 2	61,017 15 8	17,034 4 8	43,983 11 0
Rochester	820 12 5	*149 0 0	20 10 4	990 2 9	..	990 2 9
Rodney	930 5 5	*210 19 7	23 5 2	*1,164 10 2	..	1,164 10 2
Shepparton	370 12 0	*124 18 10	9 5 3	*504 16 1	..	504 16 1
South Shepparton	63 12 3	10 0 0	1 11 10	75 4 1	..	75 4 1
Swan Hill	2,813 12 2	*372 15 8	57 13 8	*3,244 1 6	..	3,244 1 6
Tongala-Stanhope	754 16 8	*120 15 0	18 17 5	*894 9 1	..	894 9 1
Tragowel Plains	436 4 5	69 0 0	10 18 1	516 2 6	..	516 2 6
Tresco .. ..	..	417 0 0	..	417 0 0	..	417 0 0
Werribee	574 19 9	82 0 0	14 7 6	671 7 3	..	671 7 3
Totals	74,687 5 5	†14,762 16 7	1,438 17 4	90,888 19 4	1,7034 4 8	73,854 14 8

* Inclusive of direct contributions to Depreciation Fund—Cohuna, £37; Maffra-Sale, £19 0s. 9d.; Murray Valley, £90 6s. 9d.; Rochester, £32; Rodney, £82 19s. 7d.; Shepparton, £77 18s. 10d.; Swan Hill, £32 15s. 8d.; Tongala-Stanhope, £14 15s. † Includes Total £386 16s. 7d.

URBAN DIVISIONS OF IRRIGATION AND WATER SUPPLY DISTRICTS.

Bacchus Marsh	804 15 1	126 0 0	20 0 6	950 15 7	3 13 1	947 2 6
Cohuna	368 12 8	99 0 0	8 7 5	476 0 1	33 15 9	442 4 4
Corop	38 10 4	6 0 0	0 19 3	45 9 7	..	45 9 7
Dingee	1 17 4	14 0 0	0 0 11	15 18 3	..	15 18 3
Heyfield	734 3 11	115 0 0	18 7 1	867 11 0	..	867 11 0
Leitchville	322 1 11	45 0 0	6 5 11	373 7 10	37 18 4	335 9 6
Lockington	231 2 10	61 0 0	5 15 7	297 18 5	..	297 18 5
Murrabit .. ..	..	33 0 0	..	33 0 0	..	33 0 0
Red Cliffs	867 6 0	193 0 0	21 13 8	1,081 19 8	..	1,081 19 8
Stanhope	141 6 1	35 0 0	3 10 0	179 16 1	Cr. 3 8 0	183 4 1
Totals	3,509 16 2	727 0 0	85 0 4	4,321 16 6	71 19 2	4,249 17 4

WATERWORKS DISTRICTS.

Carwarp .. ..	..	240 0 0	..	240 0 0	..	240 0 0
Carwarp Central	6 19 7	20 0 0	..	26 19 7	..	26 19 7
Coreena .. ..	..	795 0 0	..	795 0 0	..	795 0 0
Harcourt	82 3 9	13 0 0	2 1 1	97 4 10	..	97 4 10
Hindmarsh	1,071 5 7	139 0 0	21 18 0	1,232 3 7	..	1,232 3 7
Long Lake .. ..	..	175 0 0	..	175 0 0	..	175 0 0
Millewa .. ..	..	2,988 0 0	..	2,988 0 0	..	2,988 0 0
Millewa Central .. ..	..	1,224 0 0	..	1,224 0 0	..	1,224 0 0
Mornington Peninsula	713 8 8	2,986 0 0	17 13 2	3,717 1 10	7 1 8	3,710 0 2
Otway	6,732 7 6	2,871 5 0	168 6 2	9,771 18 8	..	9,771 18 8
Tyntynder	0 10 0	21 0 0	0 0 3	21 10 3	..	21 10 3
Tyrrell .. ..	..	43 0 0	..	43 0 0	..	43 0 0
Tyrell West .. ..	..	228 0 0	..	228 0 0	..	228 0 0
Upper Western Wimmera	169 1 2	..	..	169 1 2	..	169 1 2
Walpeup West	1,599 0 4	260 0 0	38 6 10	1,897 7 2	65 6 0	1,832 1 2
Wimmera United	198 0 0	33 0 0	4 19 0	235 19 0	..	235 19 0
Western Wimmera	3,619 1 8	595 0 0	82 19 8	4,297 1 4	299 16 2	3,997 5 2
Totals	14,191 18 3	12,631 5 0	336 4 2	27,159 7 5	372 3 10	26,787 3 7

DRAINAGE DISTRICTS.

Merbein	3,059 5 8	535 0 0	76 9 8	3,670 15 4	..	3,670 15 4
Nyah	30 14 8	95 0 0	0 15 4	126 10 0	..	126 10 0
Red Cliffs	5,034 10 0	879 0 0	125 17 3	6,039 7 3	..	6,039 7 3
Woorinen	655 2 0	213 0 0	16 7 6	884 9 6	..	884 9 6
Totals	8,779 12 4	1,722 0 0	219 9 9	10,721 2 1	..	10,721 2 1

URBAN DISTRICTS OF WATERWORKS DISTRICTS.

Allausford	10 5 0	34 4 5	0 5 1	44 14 6	..	44 14 6
Anglesea	357 10 9	56 0 0	8 18 9	422 9 6	..	422 9 6
Antwerp	17 17 3	2 0 0	0 6 5	20 3 8	..	20 3 8
Barwon Heads and Ocean Grove	1,407 8 5	279 0 0	35 3 9	1,721 12 2	..	1,721 12 2
Berriwillock	102 14 7	16 0 0	2 11 4	121 5 11	..	121 5 11

WATER SUPPLY WORKS DEPRECIATION ACCOUNTS AS AT 30TH JUNE, 1944—continued.

District.	Balance at 1st July, 1943.	Amounts Paid into Account 1943-44.	Interest Credited 1943-44.	Total.	Expenditure 1943-44.	Balance in Account at 30th June, 1944.
	£ s. d.	£ s. d.	£ s. d.	£ s. d.	£ s. d.	£ s. d.
URBAN DISTRICTS OF WATERWORKS DISTRICTS—continued.						
Berwick	1,336 9 0	263 0 0	33 8 3	1,632 17 3	..	1,632 17 3
Beulah	76 7 6	23 0 0	1 18 2	101 5 8	..	101 5 8
Birchip	361 17 2	84 0 0	9 0 11	454 18 1	..	454 18 1
Bittern	218 5 11	34 0 0	3 4 4	255 10 3	89 12 9	165 17 6
Brim	213 17 7	31 0 0	2 17 11	247 15 6	..	247 15 6
Bunyip	896 14 4	144 0 0	21 5 7	1,061 19 11	45 9 10	1,016 10 1
Camperdown	2,516 3 0	638 0 0	62 18 1	3,217 1 1	..	3,217 1 1
Carrum	13,675 18 6	2,340 0 0	339 15 6	16,355 14 0	84 16 8	16,270 17 4
Carwarp	68 3 0	6 0 0	0 9 10	74 12 10	..	74 12 10
Chillingollah	56 4 4	12 5 5	0 16 10	69 6 7	..	69 6 7
Chinkapook	63 0 11	8 0 0	..	71 0 11	..	71 0 11
Cobden	601 15 2	155 0 0	15 0 10	771 16 0	..	771 16 0
Coliban	31,698 17 11	7,678 0 0	767 6 1	40,144 4 0	1,006 15 10	39,137 8 2
Cranbourne	648 9 0	101 0 0	16 4 3	765 13 3	..	765 13 3
Crib Point	309 5 5	129 0 0	2 18 9	441 4 2	142 11 8	298 12 6
Culgoa	116 16 6	18 0 0	2 4 2	137 0 8	..	137 0 8
Dandenong	8,572 7 8	1,455 0 0	211 18 6	10,239 6 2	95 8 4	10,143 17 10
Dimboola	661 9 1	155 0 0	12 1 7	828 10 8	178 6 6	650 4 2
Dooen	70 10 3	11 0 0	1 15 3	83 5 6	..	83 5 6
Dromana-Portsea	3,175 0 0	1,535 0 0	79 7 6	4,789 7 6	..	4,789 7 6
Drysdale	530 2 3	83 0 0	13 5 1	626 7 4	..	626 7 4
Frankston	6,808 2 9	1,118 0 0	164 10 4	8,090 13 1	227 10 2	7,863 2 11
Garfield	576 6 2	111 0 0	13 5 0	700 11 2	46 5 7	654 5 7
Hastings	855 1 9	161 0 0	19 5 9	1,035 7 6	83 10 0	951 17 6
Hicksborough	52 9 4	6 0 0	0 19 3	59 8 7	..	59 8 7
Hopetoun	324 7 4	61 0 0	8 2 2	393 9 6	..	393 9 6
Jeparit	159 5 9	39 0 0	3 19 8	202 5 5	..	202 5 5
Jung Jung	153 1 5	45 0 0	3 16 6	201 17 11	..	201 17 11
Koondrook	18 8 0	64 0 0	..	82 8 0	18 8 0	64 0 0
Lake Boga	165 8 6	68 0 0	..	233 8 6	..	233 8 6
Lalbert	208 10 0	79 13 4	5 4 3	293 7 7	..	293 7 7
Longwarry	586 11 0	226 0 0	13 9 1	826 0 1	48 6 10	777 13 3
Manangatang	109 18 9	33 0 0	..	142 18 9	..	142 18 9
Marnoo	370 1 0	33 0 0	5 5 11	408 6 11	..	408 6 11
Marong	244 14 0	39 0 0	6 2 4	289 16 4	..	289 16 4
Merbein	880 5 10	137 0 0	21 17 6	1,039 3 4	..	1,039 3 4
Lascelles	120 15 0	21 0 0	3 0 4	144 15 4	..	144 15 4
Meringur	98 6 0	13 0 0	1 8 3	112 14 3	..	112 14 3
Minyip	187 9 4	75 0 0	4 13 9	267 3 1	..	267 3 1
Mornington	4,060 7 11	848 0 0	81 18 2	4,990 6 1	784 0 3	4,206 5 10
Nandaly .. .. .	..	9 0 0	..	9 0 0	..	9 0 0
Natimuk	321 0 2	50 0 0	8 0 6	379 0 8	..	379 0 8
Newstead	276 8 6	51 0 0	6 18 2	334 6 8	..	334 6 8
North Wonthaggi	371 15 3	44 0 0	7 1 3	422 16 6	..	422 16 6
Nullawil	91 5 2	10 0 0	1 12 1	102 17 3	..	102 17 3
Nyah	147 15 7	31 0 0	3 10 0	182 5 7	..	182 5 7
Nyah West	824 4 8	116 0 0	15 3 4	955 8 0	..	955 8 0
Ouyen	397 7 0	111 0 0	7 17 3	516 4 3	..	516 4 3
Pakenham	1,694 13 7	231 0 0	42 4 2	1,967 17 9	227 16 9	1,740 1 0
Patchewollock	185 11 6	17 0 0	2 11 2	205 2 8	160 3 2	44 19 6
Piangil	195 12 0	66 18 7	1 5 10	263 16 5	36 4 4	227 12 1
Portarlington	903 15 2	195 0 0	22 11 10	1,121 7 0	..	1,121 7 0
Pyramid Hill	387 10 8	39 0 0	5 18 5	432 9 1	..	432 9 1
Quambatook	275 16 1	43 0 0	1 14 11	320 11 0	..	320 11 0
Queenscliff and Point Lonsdale	3,068 14 4	704 0 0	76 14 4	3,849 8 8	..	3,849 8 8
Rainbow	276 8 5	48 0 0	6 18 2	331 6 7	..	331 6 7
Rupanyup	245 8 9	57 0 0	6 2 9	308 11 6	..	308 11 6
Sea Lake	601 1 6	75 0 0	4 4 9	680 6 3	Cr. 3 6 2	683 12 5
Somerville	378 16 0	59 0 0	9 9 5	447 5 5	..	447 5 5
South Frankston	1,574 16 10	312 0 0	37 15 7	1,924 12 5	63 14 2	1,860 18 3
Speed	220 4 4	19 0 0	2 19 11	242 4 3	..	242 4 3
Spring Vale	5,144 17 3	865 0 0	128 10 6	6,138 7 9	3 15 0	6,134 12 9
Tempy	191 2 0	17 0 0	2 14 3	210 16 3	..	210 16 3
Terang	2,015 9 6	506 0 0	50 7 9	2,571 17 3	..	2,571 17 3
Torquay	617 9 1	97 0 0	15 8 9	729 17 10	..	729 17 10
Ultima	114 19 3	36 0 9	..	151 0 0	151 0 0	..
Waitechie	92 5 0	18 0 0	2 6 1	112 11 1	..	112 11 1
Walpeup	81 17 0	13 0 0	2 0 11	96 17 11	..	96 17 11
Watchem	255 8 0	35 0 0	5 12 4	296 0 4	..	296 0 4
Werrimull	322 17 9	42 0 0	6 10 9	371 8 6	..	371 8 6
Wonthaggi	3,262 1 0	364 0 0	46 8 2	3,672 9 2	0 9 3	3,671 19 11
Woomelang	417 6 9	65 0 0	10 8 8	492 15 5	..	492 15 5
Woorinen	122 5 9	16 0 0	2 2 2	140 7 11	..	140 7 11
Wycheproof	1,152 14 9	143 0 0	22 19 1	1,318 13 10	..	1,318 13 10
Yaapeet	114 1 10	18 0 0	1 0 9	133 2 7	..	133 2 7
Totals	110,086 0 9	22,991 2 6	2,569 5 0	135,646 8 3	3,490 18 11	132,155 9 4
Grand Totals	211,254 12 11	*52,834 4 1	4,648 16 7	268,737 13 7	20,969 6 7	247,768 7 0

* Inclusive of £386 16s. 7d. direct contribution to Depreciation Fund.

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

<i>Water Supply Works Depreciation Account.</i>				<i>Water Supply Works Depreciation Fund (in Treasury).</i>			
	£	s.	d.		£	s.	d.
Balance from 1942-43 ..			211,254	12			
Paid into Account 1943-44 ..	52,447	7	6	Credit Balance as at 30th June, 1943 ..	39,043	2	0
Paid by Commission direct to Fund 1943-44 ..	386	16	7	Less Expenditure 1943-44 ..	20,969	6	7
			52,834				18,073
							15 5
Interest Credited 1943-44 ..			264,088	Paid by Commission direct to Fund 1943-44 ..	386	16	7
							18,460
							12 0
				Amount transferred to Fund by Treasury, 1943-44 ..	55,000	0	0
Less Expenditure 1943-44 ..			268,737				73,460
							12 0
			247,768	Interest earned in Investment Account, 1943-44 ..	4,205	4	10
							77,665
							16 10
				Amount at Credit Sundry Investments Account			159,341
				Amount not credited to Fund by Treasury at 30th June, 1943 ..	6,432	0	0
				Add amount paid to Revenue, 1943-44 ..	52,447	7	6
							58,879
				Less amount transferred to Fund by Treasury, 1943-44 ..	55,000	0	0
							3,879
							7 6
				Total Interest credited to Accounts in Commission's books at 30th June, 1944 ..	14,814	13	6
				Less amount credited to Fund by Treasury at 30th June, 1944 ..	7,932	19	9
							6,881
							13 9
				Amount not credited to Fund by Treasury at 30th June, 1944 ..			10,761
							1 3
			247,768				247,768
							7 0

WATER SUPPLY PLANT AND MACHINERY ACCOUNT (ACT 4761).

SUMMARY OF OPERATIONS FOR YEAR ENDED 30TH JUNE, 1944.

	£	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 paid to Revenue No. 2, to 30th June, 1944 ..			1,601
Interest with respect to Capital Liability of—				Redemption paid to Revenue No. 9. Miscellaneous, to 30th June, 1944 ..			106
As at 30th June, 1944, £42,260 7s. 6d. ..	2,961	8	5	Water Supply Plant and Machinery Depreciation Fund (in Treasury) ..	11,177	4	11
Redemption ..	185	2	0	Interest on Fund Investment ..	703	12	5
Depreciation ..	11,177	4	11				11,880
Cost of Operation, Maintenance, and Repairs ..	14,185	0	1				17 4
			28,508	Cost of Operation, Maintenance, and Repairs ..			9,544
				Stores Suspense Account Reserve ..			11,159
Interest—Depreciation Fund Investment ..			703				16 9
Balance from 1942-43 ..			5,081				
							34,293
			34,293				11 8

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

<i>Water Supply Plant and Machinery Depreciation Account.</i>				<i>Water Supply Plant and Machinery Depreciation Fund (in Treasury).</i>			
	£	s.	d.		£	s.	d.
Credit Balance from 1942-43 :—				Credit Balance as at 30th June, 1943	12,329	14	3
Payment to Account to 30th June, 1943	27,329	14	3	Add Interest credited by Treasury on Investment as at 30th June, 1943	137	13	5
Interest earned to 30th June, 1943	815	5	5				
			28,144 19 8	Balance as per Treasury General Account	12,467	7	8
Paid into Account, 1943-44 :—				Payments to Fund to 30th June, 1944	11,703	11	8
Proceeds from Hire of Plant ..	11,177	4	11	Interest credited by Treasury on Investment to 30th June, 1944 ..	375	0	0
Other Credits to Account ..	526	6	9				
			11,703 11 8	Balance as per Treasury General Account as at 30th June, 1944	24,545	19	4
			39,848 11 4	Amount Invested in Treasury Investment Account ..	15,000	0	0
Interest Credited to Year 1943-44			703 12 5				39,545 19 4
				Interest earned but not yet transferred to fund :—			
				As at 30th June, 1943	815	5	5
				Earned for year 1943-44	703	12	5
							1,518 17 10
				Less amount credited to Fund by Treasury	512	13	5
							1,006 4 5
			<u>40,552 3 9</u>				<u>40,552 3 9</u>

CONTRACTS.

STATEMENT OF CONTRACTS ENTERED INTO DURING THE YEAR ENDED 30TH JUNE, 1944.

No.	Name of Contractor.	Work or Supply.	Amount (Loan and Vote).
			£ s. d.
3166	Australian Cement Ltd.	1,500 tons Portland Cement—Works generally ..	5,575 0 0
3167	Davies Shephard Pty. Ltd.	500 Meter Recorders—Irrigation Districts	745 16 8
3168	Hume Pipe Co. (Aust.) Ltd.	Reinforced Concrete Pipes—Wimmera United District	4,455 0 0
3169	Rocla Ltd.	Reinforced Concrete Pipes—Wimmera United District	1,980 0 0
3170	A. T. Harman and Sons Pty. Ltd. ..	Six $\frac{1}{2}$ -cubic yard Dragline Excavators—Works generally	27,300 0 0
3171	A. T. Harman and Sons Pty. Ltd. ..	Two $\frac{3}{4}$ -cubic yard Dragline Excavators—Works generally	12,150 0 0
	Contracts at Piecework Rates	Channel Construction—Murray Valley District ..	25,630 17 7
		Firewood Supplies—Pumping Stations	4,406 5 0
		Miscellaneous	1,214 7 1
		Total	83,457 6 5

DIRECT LABOUR 1943-44.

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

												<i>Loan Funds.</i>
												£
River Murray Storages .. .. .	..	..	..	..	..	..	..	..	..	..	..	175
Murray Valley District .. .. .	..	..	..	..	..	..	..	..	..	..	..	8,134
Glenelg River Works .. .. .	..	..	..	..	..	..	..	..	..	..	..	468
Wimmera Mallee System .. .. .	..	..	..	..	..	..	..	..	..	..	..	47
Merbein and Red Cliffs Districts .. .. .	..	..	..	..	..	..	..	..	..	..	..	736
Rivers and Reclamation Division— Kooweerup and Cardinia Districts .. .. .			..	..	..	..	..	..	..	..	..	8,419
Main Urban Supplies Division— Mornington Peninsula District .. .. .	..	..	..	..	..	..	..	..	..	..	..	1,881
Bellarine Peninsula District .. .. .	..	..	..	..	..	..	..	..	..	..	..	142
Otway District .. .. .	..	..	..	..	..	..	..	..	..	..	..	116
Coliban System .. .. .	..	..	..	..	..	..	..	..	..	..	..	214
Gippsland and Goulburn Division— Deakin, Rochester, Rodney, Shepparton, Tongala-Stanhope, Maffra-Sale, Bacchus Marsh, and Werribee Districts												898
Loddon Division— Boort, Tragowel Plains, Nyah, Swan Hill, Cohuna, Kerang, Kerang North-West Lakes, Koondrook, Mystic Park and Tresco Districts .. .. .	..	..	..	..	..	..	..	..	..	..	..	3,068
Miscellaneous .. .. .	..	..	..	..	..	..	..	..	..	..	..	23
Surveys and Investigations .. .. .	..	..	..	..	..	..	..	..	..	..	..	4,391
Total .. .. .	..	..	..	..	..	..	..	..	..	..	..	28,712

CAPITAL EXPENDITURE.

STATEMENT OF MONEYS EXPENDED FROM STATE FUNDS UNDER WATER SUPPLY LOAN ACTS FOR THE YEAR ENDED 30TH JUNE, 1944.

Works.	Water Supply Loan Funds.			Treasurer's Advance.
	Act 4910.	Act 4979.	Total Ordinary Loan Funds.	
	£ s. d.	£ s. d.	£ s. d.	£ s. d.
<i>Free Headworks.</i>				
Kow Swamp Works	1,452 12 2	996 4 3	2,448 16 5	..
<i>Main Supply Works.</i>				
Torrumbarry System (excluding Weir)	4,788 18 2	1,518 17 4	6,307 15 6	..
Eppalock Reservoir	42 13 9	3 5 10	45 19 7	..
Surveys and Investigations	3,563 9 3	12,719 2 9	16,282 12 0	..
Eildon Weir	1,882 6 1	4,577 0 0	6,459 6 1	..
Glenmaggie Reservoir	84 3 11	237 15 9	321 19 8	..
Waranga Western Channel Extension—Loddon—Avoca, Section 1 .. .. .	..	53 1 8	53 1 8	..
Rocklands Reservoir	Cr. 283 17 8	968 8 9	684 11 1	..
Rocklands Outlet Channel	Cr. 349 14 8	146 8 6	Cr. 203 6 2	..
Toolando Outlet Channel	Cr. 218 0 4	101 1 2	Cr. 116 19 2	..
Glenelg River Works to Wimmera—Mallee, Section 1	1,366 13 2	Cr. 3 5 0	1,363 8 2	..
Wimmera Main Channels	211 12 7	..	211 12 7	..
<i>Irrigation and Water Supply Districts.</i>				
Cohuna	29 18 10	6 10 5	36 9 3	..
Katandra	7 17 0	10 11 4	18 8 4	..
Kerang .. .. .	..	3 1 4	3 1 4	..
Koondrook .. .. .	..	40 9 10	40 9 10	..
Maffra—Sale	1,466 13 9	831 8 10	2,298 2 7	..
Merbein	8,560 10 3	4,630 18 0	13,191 8 3	..
Murray Valley	7,317 18 1	20,000 0 0	27,317 18 1	10,171 10 11
North Shepparton .. .. .	..	1 1 8	1 1 8	..
Rochester	2 3 4	..	2 3 4	..
Rodney	42 0 0	35 14 3	77 14 3	..
Red Cliffs	11 13 4	1,131 3 2	1,142 16 6	..
Swan Hill .. .. .	..	433 6 8	433 6 8	..
Tongala—Stanhope .. .. .	..	93 4 7	93 4 7	..
Tragowel Plains .. .. .	..	12 18 4	12 18 4	..
Werribee	159 3 3	6 19 3	166 2 6	..
<i>Urban Divisions of Irrigation and Water Supply Districts.</i>				
Heyfield	16 3 4	..	16 3 4	..
Lockington .. .. .	..	3 5 0	3 5 0	..
Murrabit	2 11 10	..	2 11 10	..
Red Cliffs	56 15 10	51 17 2	108 13 0	..
Stanhope	37 17 2	2 0 0	39 17 2	..
<i>Waterworks Districts.</i>				
Axe Creek .. .. .	..	14 18 4	14 18 4	..
Bellarine Peninsula (including Headworks)	54 5 5	497 14 6	551 19 11	..
Karkaroc	6 8 2	..	6 8 2	..
Mornington Peninsula (including Headworks)	230 4 6	1,288 0 10	1,518 5 4	..
Normanville .. .. .	..	18 14 2	18 14 2	..
Otway	188 10 0	768 1 2	956 11 2	..
Tyrrell West .. .. .	..	23 2 9	23 2 9	..
Western Wimmera	159 13 5	0 10 0	160 3 5	..
Wimmera United	164 5 1	6,635 13 11	6,799 19 0	..
Wycheproof .. .. .	..	118 17 7	118 17 7	..
<i>Urban Districts of Waterworks Districts.</i>				
Allansford	Cr. 4 15 11	135 4 11	130 9 0	..
Anglesea	5 17 5	4 1 1	9 18 6	..
Barwon Heads and Ocean Grove	13 12 2	19 1 8	32 13 10	..
Berwick	1 14 2	26 5 2	27 19 4	..
Beulah .. .. .	..	5 13 4	5 13 4	..
Bittern .. .. .	..	4 16 8	4 16 8	..
Bunyip	2 15 0	0 5 0	3 0 0	..
Camperdown	16 17 9	10 7 2	27 4 11	..
Carrum	48 0 3	673 9 5	721 9 8	..
Cobden	Cr. 7 7 8	25 16 8	18 9 0	..
Coliban	755 7 2	1,378 3 4	2,133 10 6	..
Cranbourne	2 3 4	10 10 0	12 13 4	..
Crib Point	6 15 0	..	6 15 0	..
Dandenong	198 3 8	264 6 10	462 10 6	..
Dimboola	2 16 9	0 6 4	3 3 1	..
Dooen .. .. .	..	17 3 5	17 3 5	..
Carried forward	32,097 8 1	60,553 15 1	92,651 3 2	10,171 10 11

CAPITAL EXPENDITURE—continued.

STATEMENT OF MONEYS EXPENDED FROM STATE FUNDS UNDER WATER SUPPLY LOAN ACTS FOR THE
YEAR ENDED 30TH JUNE, 1944—continued.

Works.	Water Supply Loan Funds.			Treasurer's Advance.
	Act 4910.	Act 4979.	Total Ordinary Loan Funds.	
	£ s. d.	£ s. d.	£ s. d.	£ s. d.
Brought forward	32,097 8 1	60,553 15 1	92,651 3 2	10,171 10 11
Dromana-Portsea	797 11 4	593 12 10	1,391 4 2	..
Drysdale	3 10 9	37 3 4	40 14 1	..
Frankston	40 19 3	362 0 0	402 19 3	..
Garfield .. .. .	..	1 13 4	1 13 4	..
Hastings	8 3 6	339 18 7	348 2 1	..
Hopetoun .. .. .	..	11 17 9	11 17 9	..
Jung Jung .. .. .	..	1 12 6	1 12 6	..
Koonadrook	24 19 0	..	24 19 0	..
Lake Boga	6 13 0	13 12 10	20 5 10	..
Lascelles .. .. .	..	17 7 5	17 7 5	..
Longwarry	3 8 6	..	3 8 6	..
Marnoo .. .. .	..	3 5 0	3 5 0	..
Marong	14 2 4	4 18 4	19 0 8	..
Merbein .. .. .	..	5 18 4	5 18 4	..
Meringur .. .. .	..	4 6 8	4 6 8	..
Minyip .. .. .	..	1 12 6	1 12 6	..
Mornington	1,186 19 5	48 1 9	1,235 1 2	..
Nandaly .. .. .	..	3 5 0	3 5 0	..
Natimuk .. .. .	..	5 19 2	5 19 2	..
Ouyen	4 8 9	87 14 0	92 2 9	..
Pakenham	10 0 2	0 6 0	10 6 2	..
Patchewollock .. .. .	..	1 12 6	1 12 6	..
Portarlinton	9 14 9	38 10 11	48 5 8	..
Pyramid Hill .. .. .	..	132 14 0	132 14 0	..
Quambatook .. .. .	..	3 5 0	3 5 0	..
Queenscliff and Point Lonsdale	6 17 4	46 13 1	53 10 5	..
Rainbow .. .. .	..	22 15 0	22 15 0	..
Rupanyup	2 15 0	0 5 0	3 0 0	..
Somerville .. .. .	..	11 3 2	11 3 2	..
South Frankston	184 11 0	333 19 4	518 10 4	..
Speed .. .. .	..	6 17 9	6 17 9	..
Spring Vale	204 10 7	59 0 10	263 11 5	..
Tempy .. .. .	..	17 14 0	17 14 0	..
Terang	13 15 10	45 8 1	59 3 11	..
Torquay .. .. .	..	10 12 2	10 12 2	..
Ultima .. .. .	..	17 6 8	17 6 8	..
Walpeup .. .. .	..	24 7 4	24 7 4	..
Watchem .. .. .	..	3 5 0	3 5 0	..
Werrimull .. .. .	..	1 12 6	1 12 6	..
Wonthaggi	127 6 8	54 18 3	182 4 11	..
Woomelang .. .. .	..	8 13 4	8 13 4	..
Yaapect	3 13 9	3 16 1	7 9 10	..
<i>Flood Protection Districts.</i>				
Cardinia	299 0 11	93 5 6	392 6 5	..
Lower Kooweerup	6,599 17 2	7,936 19 6	14,536 16 8	..
<i>Drainage Districts.</i>				
Carrum	354 10 3	28 6 7	382 16 10	..
Cohuna	1,416 17 8	2,163 18 6	3,580 16 2	..
Merbein .. .. .	..	14 15 0	14 15 0	..
Murrabit	501 15 9	758 3 8	1,259 19 5	..
Nyah	194 16 5	2,024 10 11	2,219 7 4	..
Rodney	426 6 9	1 1 2	427 7 11	..
Shepparton	954 8 10	1,051 12 2	2,006 1 0	..
Tongala-Stanhope	1,803 9 7	454 1 1	2,257 10 8	..
Tresco (Proposed)	3 8 4	..	3 8 4	..
Woorinen	454 19 4	124 11 8	579 11 0	..
Waterworks Trusts and Local Governing Bodies	4,184 15 0	3,466 8 5	7,651 3 5	..
Totals	51,945 15 0	81,060 4 7	133,005 19 7	10,171 10 11

SUMMARY.

	£	s.	d.
Ordinary Loan Funds (Acts 4910 and 4979)	133,005	19	7
Treasurer's Advance	10,171	10	11
Total Capital Expenditure from State Funds	143,177	10	6

LOAN CAPITAL LIABILITY.

WORKS UNDER CONTROL OF COMMISSION.

The following statement gives a brief description, summary of Loan Liability for expenditure under Loan Application Acts, and other particulars relative to the undermentioned works.

A.—FREE HEADWORKS.		Expenditure.		Net Loan Capital Liability at 30th June, 1944.	
		£	s. d.	£	s. d.
Broken River Works. —Casey's Weir and offtake, with about 59 chains of channel to the Broken Creek; Gowangardie Weir with offtake sluice ...		14,832	15 0		
Goulburn River Works. —Weir on the Goulburn River, about 9 miles above Murchison; channel therefrom, about 23½ miles, to Waranga Reservoir; and that Reservoir (but exclusive of the work of its enlargement) ...		740,003	18 2		
Kerang North-West Lakes Works. —Weir on the Loddon River at its confluence with the Pyramid Creek; regulating weirs at the effluence from the Loddon of the Sheepwash and Washpen Creeks; channel from the Washpen Creek regulator to Reedy Lake, Middle Lake, Third Lake, Lake Charan, Racecourse Lake, Cullen's Lake, Kangaroo Lake, and Lake Tutchevop, and to the Little Murray River, with water storage works at these lakes ...		26,615	14 9		
Kow Swamp Works. —Intake from the River Murray with regulator, at the effluence of the Gunbower Creek; channel thence to the Kow Swamp Reservoir; and that Reservoir; channel along the northern side of the reservoir; channel from the outlet of the reservoir, about 23½ miles, to the left bank of the Loddon River ...		190,720	16 3		
Lake Lonsdale Reservoir. —Reservoir at Lake Lonsdale, on the Little Wimmera River, near Ledcourt ...		49,057	4 2		
Loddon River Works. —Laaneecorie Weir, on the Loddon; Bridgewater Weir, on the Loddon; Kinypanial Weir, on the Loddon ...		173,366	13 10		
Long Lake Pumping Works. —Inlet to Lake Baker, from the Little Murray River; water storage works at Lake Baker and Long Lake, with channel connecting these lakes; pumping plant at Long Lake, with rising main thence about 7 miles to allotment 10x, parish of Koorem; system of main distributary channels, about 85 miles in length ...		27,305	18 5		
Lower Wimmera Compensation Works. —Drung Weir, on the Wimmera, near allotment 29, parish of Longerenong; Dimboola Weir, on the Wimmera, near Dimboola township; Antwerp Weir, on the Wimmera, at Antwerp Station homestead; Jeparit Weir, on the Wimmera, near Jeparit township ...		8,663	12 3		
				1,230,566	12 10
B.—CAPITAL WORKS AND CHARGES NOT APPORTIONABLE TO DISTRICTS.					
Geelong (inclusive of Loan Flotation Expenses) ...		160,640	2 3		
Eppalock Reservoir ...		111,701	2 6		
Goulburn Levees ...		30,797	0 4		
Torrumbarry Sysem (excluding Weir) ...		6,307	15 6		
Lang Lang River Works ...		48,543	8 9		
Surveys and Preliminary Investigations ...		223,456	13 2		
Loan Flotation Expenses ...		763,499	11 6		
Plant and Machinery Suspense ...		42,485	3 3		
				1,387,430	17 3

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	..	..	..	1,886,029	13	2			
Waranga Reservoir Enlargement	..	..	..	609,138	6	4			
Leanecoore Weir Improvements	..	..	..	2,509	9	3	2,504,211	16	1
Goulburn Main Channels—									
East Goulburn Main	..	..	..	363,962	18	7			
Goulburn-Waranga	..	..	..	6,922	8	4			
Waranga-Western Main	..	..	..	1,047,523	11	8			
Main Distributaries	..	..	..	10,635	13	0	1,429,044	11	7
Total Goulburn and Loddon Works (exclusive of Free Headworks)				..	..		3,933,256	7	8
Less Debited to Wimmera-Mallee				..	..		99,758	3	9
							3,833,498	3	11
Bacchus Marsh and Werribee Schemes—									
Ballan Tunnel	..	..	..	..	..		21,677	14	8
Pykes Creek Reservoir	..	..	..	..	..		142,324	13	1
Melton Reservoir	..	..	..	..	..		99,832	3	10
Lerderg River Flats	..	..	..	..	..		330	0	8
							264,164	12	3
Bellarine Peninsula Waterworks District (exclusive of cost of Urban Reticulation, £41,193 18s. 7d.)				..	..		469,256	13	2
Less Redemption paid to Revenue				..	..		1,250	8	6
							468,006	4	8
Mornington Peninsula Waterworks District (exclusive of cost of Distributary Works and Urban Reticulation, £310,549 9s. 2d.)				..	..		986,063	2	6
Less Redemption paid to Revenue				..	..		786	16	6
							985,276	6	0
Maffra-Sale Scheme—Glenmaggie Reservoir				..	..		678,819	9	3
River Murray Agreement Works (Victorian Contributions under River Murray Waters Acts)				..	..		2,990,745	13	8
River Murray State Works—Surveys, &c.				..	..		7,506	18	7
Otway Waterworks District (exclusive of cost of Urban Reticulation, £89,836 18s. 1d.)				..	..		254,404	12	4
Wimmera-Mallee—									
Main Channels and Storages inclusive of £99,758 3s. 9d. from Goulburn Works				..	..		947,879	6	8
							10,430,301	7	4
Glenelg River Development Works (Under Construction, Not Apportioned to Districts)				..	..		179,597	4	11
							1,127,476	11	7
							10,609,898	12	3
							13,227,896	2	4
							Carried forward	..	

Net Loan Capital
Liability at
30th June, 1944.

LOAN CAPITAL LIABILITY—continued.

£ s. d.
13,227,896 2 4

Brought forward ..

Name of District.	Loan Liability.						Allotted to District.	Capital Expenditure Borne by the State Account.							
	Headworks.			Distributary Works.				Headworks.			Distributary Works.				
	£	s.	d.	£	s.	d.		£	s.	d.	£	s.	d.		
D.—IRRIGATION AND WATER SUPPLY DISTRICTS.															
1. Bacchus Marsh	82,872	9	1	95,870	6	1	71,673	3	4	82,392	2	5	107,069	11	10
2. Boort	170,106	5	6	79,664	2	9	14,165	17	6	170,105	5	6	235,604	10	9
3. Calivil	81,564	5	3	112,887	5	3	8,833	4	7	81,563	5	3	185,618	5	11
4. Campaspe	5,026	3	5	12,282	2	2	17,308	5	7	5,026	3	5	17,308	5	7
5. Cohuna	500,500	8	1	325,837	3	4	229,675	17	7	500,500	8	1	596,661	13	10
6. Deakin	36,882	5	9	58,128	18	1	28,344	2	6	36,882	5	9	66,667	7	4
7. Dingee	58,214	3	4	15,349	13	6	73,563	16	10	58,214	3	4	62,420	17	7
8. Fish Point	21,707	0	0	15,804	1	8	37,511	1	8	21,707	0	0	37,511	1	8
9. Katandra	74,959	8	0	105,530	10	5	180,489	18	5	74,958	8	0	165,977	2	10
10. Kerang	251,516	0	0	128,928	17	1	380,444	17	1	251,516	0	0	316,919	8	5
11. Koondrook	247,864	0	0	218,720	16	3	466,584	16	3	246,211	0	0	379,900	9	2
12. Maffra-Sale	678,819	9	3	585,877	4	2	1,264,696	13	5	678,814	9	1	1,090,361	12	3
13. Merbein	195,760	0	0	275,700	8	6	471,460	8	6	195,760	0	0	419,167	9	0
14. Murray Valley	897,294	4	6	581,371	14	0	1,478,665	18	6	897,294	4	6	1,451,601	10	10
15. Mystic Park	39,419	19	8	17,914	3	2	57,334	2	10	39,419	19	8	50,677	8	6
16. North Shepparton	158,214	7	9	199,679	9	6	357,893	17	3	158,213	7	9	288,314	15	10
17. Nyah	74,857	0	0	130,086	10	5	204,943	10	5	74,857	0	0	200,601	6	2
18. Red Cliffs	283,152	0	0	793,308	11	1	1,076,460	11	1	283,152	0	0	747,266	10	7
19. Rochester	843,943	7	2	338,390	4	11	1,182,333	12	1	843,938	7	2	990,753	14	0
20. Rodney	907,263	6	1	577,027	9	7	1,484,290	15	8	907,257	6	1	1,330,004	2	5
21. Shepparton	287,114	2	1	198,526	15	5	485,640	17	6	287,112	2	1	413,222	14	4
22. South Shepparton	58,872	8	10	59,407	3	5	118,279	12	3	58,872	8	10	100,874	9	8
23. Swan Hill	293,437	0	0	185,247	5	5	478,684	5	5	293,437	0	0	410,277	10	10
24. Third Lake	25,637	0	0	25,220	18	6	50,857	18	6	25,637	0	0	46,258	2	5
25. Tongala-Stanhope	644,280	9	11	295,233	16	8	939,514	6	7	644,276	19	11	794,572	8	6
26. Tragowel Plains	507,057	10	10	258,260	3	5	765,317	14	3	507,054	10	10	649,895	9	3
27. Tresco	25,960	0	0	91,134	10	6	117,094	10	6	25,960	0	0	117,094	10	6
28. Werribee	181,292	3	2	118,658	11	5	299,950	14	7	181,256	3	6	182,123	14	1
Totals	7,633,586	17	8	5,900,048	16	8	13,533,635	14	4	7,631,389	1	2	11,737,877	18	1
Less Treasurer's Advance (Murray Valley)	..	..	..	10,171	10	11	..	..	..	..	..	..	10,171	10	11
Totals Loan Liability	7,633,586	17	8	5,889,877	5	9	13,523,464	3	5	7,631,389	1	2	11,727,706	7	2

5,889,877 5 9

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

1. Bacchus Marsh	..	13,932	17	1	13,932	17	1	10,181	7	8	..	3,751	9	5	3,751	9	5
2. Cohuna	..	..	..	..	9,024	9	7	3,210	9	8	..	5,813	19	11	5,813	19	11
3. Corop	..	..	231	15	6	231	15	..	..	..	..	231	15	6	231	15	6
4. Dingee	..	..	1,452	4	5	1,452	4	..	..	..	..	1,452	4	5	1,452	4	5
5. Heyfield	..	..	12,263	10	2	12,263	10	..	..	..	..	12,263	10	2	12,263	10	2
6. Leitchville	..	..	3,902	1	9	3,902	1	..	..	..	..	3,902	1	9	3,902	1	9
7. Lockington	..	..	2,235	4	3	2,235	4	118	9	10	..	2,116	14	5	2,116	14	5
8. Murrabit	..	..	1,047	15	9	1,047	15	..	..	..	..	1,047	15	9	1,047	15	9
9. Red Cliffs	..	..	16,633	12	8	16,633	12	1,504	15	7	..	15,128	17	1	15,128	17	1
10. Stanhope	..	..	1,492	14	6	1,492	14	..	..	..	..	1,492	14	6	1,492	14	6
Totals, Loan Liability	..	..	62,216	5	8	62,216	5	15,015	2	9	..	47,201	2	11	47,201	2	11

62,216 5 8

F.—WATERWORKS DISTRICTS.

1. Axe Creek	..	294,341	12	0	4,908	18	4	4,908	18	4	3,129	0	0	211,473	16	4	1,779	18	4
2. Bellarine Peninsula	..	38,205	7	9	..	5	4	294,341	12	0	82,867	15	8	..	8	9	211,473	16	4
3. Birchip	..	..	..	..	103,082	7	5	141,287	13	1	25,064	16	7	78,018	8	9	116,222	16	6
4. Carwarp	..	..	..	..	41,470	7	5	41,470	7	5	..	..	..	41,470	7	5	41,470	7	5
5. Carwarp Central	..	..	..	..	2,353	10	2	2,353	10	2	..	..	..	2,353	10	2	2,353	10	2
6. Coreena	..	..	..	..	46,081	11	10	46,081	11	10	..	..	..	46,081	11	10	46,081	11	10
7. Harcourt	..	..	..	..	16,990	1	6	16,990	1	6	15,296	1	6	1,694	0	0	1,694	0	0
8. Hindmarsh	..	4,126	3	0	15,445	11	5	19,571	14	5	5,780	15	9	9,664	15	8	13,790	18	8
9. Karkaroc	..	96,269	19	11	220,073	18	1	316,343	18	0	1,121	17	3	219,625	19	0	315,222	0	9
10. Kerang North-West Lakes	..	..	..	..	3,840	3	8	3,840	3	8	..	..	..	3,840	3	8	3,840	3	8
11. Long Lake	..	63,615	1	8	107,360	15	7	170,975	17	3	8,580	6	10	63,432	1	8	162,395	10	5
12. Millewa	..	104,393	0	0	379,554	14	0	483,947	14	0	..	..	..	104,393	0	0	483,947	14	0
13. Millewa Central	..	36,755	0	0	133,892	0	0	170,647	0	0	..	..	..	36,755	0	0	170,647	0	0
14. Mornington Peninsula	..	293,548	6	8	10,281	0	3	303,829	6	11	63,066	4	8	230,482	12	0	240,763	2	3
15. Newstead	..	..	..	..	4,636	6	10	4,636	6	10	..	..	..	4,636	6	10	4,636	6	10
16. Normanville	..	..	..	..	19,985	16	7	19,985	16	7	19,855	15	5	..	..	2	130	1	2
17. Otway	..	164,800	12	4	..	..	..	164,800	12	4	92,172	6	4	72,628	6	0	72,628	6	0
18. Sea Lake	..	46,491	13	3	144,462	1	9	190,953	15	0	10	6	5	46,490	13	3	190,943	8	7
19. Tyntynder	..	118,106	0	3	257,418	14	8	375,524	14	11	616	10	5	117,766	0	3	374,908	4	6
20. Tyrell	..	84,428	2	4	165,678	5	1	250,106	7	5	2	0	0	84,426	2	4	250,104	7	5
21. Tyrell West	..	148,317	3	2	279,577	18	4	427,895	1	6	5	5	0	148,314	3	2	427,889	16	6
22. Upper Western Wimmera	..	28,048	5	10	57,960	9	3	86,008	15	1	1	19	8	28,047	6	2	86,006	15	5
23. Upper Wimmera United	..	44,089	17	11	75,299	7	11	119,389	5	10	62,885	15	4	44,088	17	11	12,414	12	7
24. Walpeup West	..	..	..	..	35,838	16	6	35,838	16	6	..	..	..	35,838	16	6	35,838	16	6
25. Werribee	..	..	..	..	11,513	6	0	11,513	6	0	4,043	5	8	..	..	4	7,470	0	4
26. Western Wimmera	..	115,607	10	10	237,119	11	7	352,727	2	5	157,723	11	3	115,605	10	10	79,398	0	4
27. Wimmera United	..	97,188	1	4	184,891	5	10	282,079	7	2	267,481	2	10	13,044	9	0	1,553	15	4
28. Wycheproof	..	63,385	19	5	166,809	15	9	230,195	15	2	77,065	0	8	63,384	19	5	89,745	15	1
29. Yelta	..	..	..	..	6,146	7	2	6,146	7	2	..	..	..	..	..	2	6,146	7	2
Totals, Loan Liability	..	1,841,717	17	8	2,732,673	0	10	4,574,390	18	6	886,769	17	3	1,518,259	10	10	2,169,361	10	5
																	3,687,621	1	3
																	2,732,673	0	10

2,732,673 0 10

21,912,662 14 7

Carried forward

41. Marong ..	..	2,104 18 7	2,104 18 7	22 18 10	..	2,081 19 9	2,081 19 9
42. Merbein ..	..	18,587 10 1	18,587 10 1	4,178 13 7	..	14,408 16 6	14,408 16 6
43. Meringur ..	..	1,764 3 0	1,764 3 0	4 6 8	..	1,759 16 4	1,759 16 4
44. Minyip ..	..	10,232 18 10	10,232 18 10	3,034 15 2	..	7,198 3 8	7,198 3 8
45. Mornington ..	..	28,057 8 3	28,057 8 3	52,768 6 8	23,244 10 2	23,244 10 2	23,244 10 2
46. Nandaly ..	..	1,752 18 11	1,752 18 11	3 5 0	..	1,749 13 11	1,749 13 11
47. Natimuk ..	..	4,898 5 5	4,898 5 5	4,069 6 1	..	828 19 4	828 19 4
48. Newstead ..	..	7,563 9 0	7,563 9 0	1,763 13 10	..	5,799 15 2	5,799 15 2
49. North Wonthaggi ..	..	4,141 8 4	4,141 8 4	..	..	4,141 8 4	4,141 8 4
50. Nullawil ..	..	3,651 11 10	3,651 11 10	280 16 6	..	3,370 15 4	3,370 15 4
51. Nyah ..	..	634 14 9	634 14 9	..	..	634 14 9	634 14 9
52. Nyah West ..	..	5,867 10 3	5,867 10 3	..	..	5,867 10 3	5,867 10 3
53. Ouyen ..	..	21,222 14 9	21,222 14 9	61 18 3	..	21,160 16 6	21,160 16 6
54. Pakenham ..	..	7,838 5 0	18,381 3 9	9,488 4 10	8,892 18 11	8,892 18 11	8,892 18 11
55. Patchewollock ..	..	3,639 1 10	3,639 1 10	1 12 6	..	3,637 9 4	3,637 9 4
56. Piangil ..	..	6,100 16 10	6,100 16 10	..	..	6,100 16 10	6,100 16 10
57. Portarlinton ..	..	2,659 13 6	26,013 19 0	1 17 0	23,352 8 6	26,012 2 0	26,012 2 0
58. Pyramid Hill ..	..	5,277 14 3	5,277 14 3	1,299 2 9	..	3,978 11 6	3,978 11 6
59. Quambatook ..	..	4,822 0 4	4,822 0 4	3 4 11	..	4,818 15 5	4,818 15 5
60. Queenscliff and Point Lonsdale ..	..	9,605 7 2	84,266 5 1	16,097 9 8	63,110 13 0	58 2 5	68,168 15 5
61. Rainbow ..	..	11,446 15 10	11,446 15 10	7,603 8 0	..	3,843 7 10	3,843 7 10
62. Rupanyup ..	..	10,735 3 6	10,735 3 6	4,138 4 5	..	6,596 19 1	6,596 19 1
63. Sea Lake ..	..	7,709 8 1	7,709 8 1	1,539 7 1	..	6,170 1 0	6,170 1 0
64. Somerville ..	..	2,729 6 10	7,562 17 6	4,618 16 9	2,944 0 9	2,944 0 9	2,944 0 9
65. South Frankston ..	..	16,123 8 9	46,868 8 6	25,821 2 10	21,047 5 8	21,047 5 8	21,047 5 8
66. Speed ..	..	2,841 13 0	2,841 13 0	6 17 9	..	2,834 15 3	2,834 15 3
67. Spring Vale ..	..	28,249 2 11	126,256 2 9	111,959 5 7	14,061 3 5	14,296 17 2	14,296 17 2
68. Tempy ..	..	2,642 18 3	2,642 18 3	17 13 7	..	2,625 4 8	2,625 4 8
69. Terang ..	..	21,840 6 9	57,162 6 9	28,185 11 2	28,860 4 6	116 11 1	28,976 15 7
70. Torquay ..	..	9,841 10 6	32,130 1 6	4 4 7	22,286 15 8	9,839 1 3	32,125 16 11
71. Ultima ..	..	6,576 8 4	6,576 8 4	17 6 8	..	6,559 1 8	6,559 1 8
72. Waiteie ..	..	2,520 14 4	2,520 14 4	..	..	2,520 14 4	2,520 14 4
73. Walpeup ..	..	2,035 17 6	2,035 17 6	24 5 8	..	2,011 11 10	2,011 11 10
74. Watchem ..	..	5,055 4 1	5,055 4 1	125 6 10	..	4,929 17 3	4,929 17 3
75. Werrimull ..	..	4,850 6 2	4,850 6 2	4 12 6	..	4,848 13 8	4,848 13 8
76. Wonthaggi ..	..	67,774 0 8	67,774 0 8	8,909 14 3	..	58,864 6 5	58,864 6 5
77. Woonelang ..	..	9,225 13 11	9,225 13 11	8 13 2	..	9,217 0 9	9,217 0 9
78. Woorinen ..	..	1,988 9 9	1,988 9 9	607 17 11	..	1,380 11 10	1,380 11 10
79. Wycheproof ..	..	10,876 18 8	10,876 18 8	..	..	10,876 18 8	10,876 18 8
80. Yaaapeet ..	..	2,298 6 10	2,298 6 10	3 14 4	..	2,294 12 6	2,294 12 6
Totals, Loan Liability ..	..	2,464,960 19 6	3,419,957 11 6	882,449 4 5	709,652 4 9	1,827,855 2 4	2,537,508 7 1
		2,464,960 19 6					2,464,960 19 6

1. Cardinia ..	..	105,429 13 6	105,429 13 6	..	..	105,429 13 6	105,429 13 6
2. Kanyapella ..	..	3,885 1 5	3,885 1 5	3,385 1 5	..	500 0 0	500 0 0
3. Lower Kooweerup ..	..	266,335 14 4	266,335 14 4	..	..	266,335 14 4	266,335 14 4
4. Loch Garry ..	..	18,621 18 11	18,621 18 11	6,331 6 3	..	12,290 12 8	12,290 12 8
Totals, Loan Liability ..	..	394,272 8 2	394,272 8 2	9,716 7 8	..	384,556 0 6	394,272 8 2
					Carried forward		24,771,896 2 3

LOAN CAPITAL LIABILITY—continued.

£ s. d.
24,771,896 2 3

Brought forward ..

Name of District.	Loan Liability.			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.	£ s. d.	£ s. d.	£ s. d.
I.—DRAINAGE DISTRICTS.							
1. Carrum	24,971 0 10	24,971 0 10	..	..	24,971 0 10	24,971 0 10
2. Cohuna	5,923 16 3	5,923 16 3	..	..	5,923 16 3	5,923 16 3
3. Kerang East	158 7 4	158 7 4	..	..	158 7 4	158 7 4
4. Maffra-Sale	258 14 11	258 14 11	..	..	258 14 11	258 14 11
5. Merbein	404 7 11	404 7 11	..	..	404 7 11	404 7 11
6. Murrabit	2,453 7 8	2,453 7 8	..	..	2,453 7 8	2,453 7 8
7. Nyah	2,591 13 6	2,591 13 6	..	..	2,591 13 6	2,591 13 6
8. Red Cliffs	528 3 3	528 3 3	..	..	528 3 3	528 3 3
9. Rochester	1,190 9 3	1,190 9 3	..	..	1,190 9 3	1,190 9 3
10. Rodney	4,094 10 5	4,094 10 5	..	..	4,094 10 5	4,094 10 5
11. Shepparton	7,547 11 10	7,547 11 10	..	..	7,547 11 10	7,547 11 10
12. Tongala-Stanhope	3,385 6 2	3,385 6 2	..	..	3,385 6 2	3,385 6 2
13. Tresco (proposed)	169 3 0	169 3 0	..	..	169 3 0	169 3 0
14. Werribee	167 19 2	167 19 2	..	..	167 19 2	167 19 2
15. Woorinen	685 19 6	685 19 6	..	..	685 19 6	685 19 6
Totals, Loan Liability	54,530 11 0	54,530 11 0	..	..	54,530 11 0	54,530 11 0
Totals, Commission's Districts (Statements D, E, F, G, H, and I.) ..	†10,430,301 7 4	11,598,530 10 11	22,028,831 18 3	*3,589,708 8 4	9,859,300 16 9	8,579,822 13 2	18,439,123 9 11

† Exclusive of Glenelg River Development Works not apportioned to Districts, £179,597 4s. 11d. (Statement C.).
* Exclusive of Plant and Machinery Suspense Account, £42,485 3s. 3d. (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.

	£ s. d.	£ s. d.	£ s. d.	£ s. d.
Waterworks Trusts, First Mildura Irrigation Trust and Local Governing Bodies	1,933,977 14 6
Local Governing Bodies for Construction of Mallee Tanks	350 1 8
Total Loan Liability	1,934,327 16 2
Amounts Written Off (Acts Nos. 1625, 1651, 2016, 4002, 4175, 4176), and Free Grants to Local Authorities, Borne by the State. (For details see Annual Report for Year 1938/39.)	1,243,361 15 8
Grand Total Net Loan Capital Liability (Exclusive of Equity in National Debt Sinking Fund)	28,004,116 5 1

3,177,689 11 10

SUMMARY STATEMENT OF LOAN LIABILITY AS AT 30th JUNE, 1944.

103

Reference to Preceding Statements.	Works.	Total Loan Capital Expenditure.		Deduct Redemption Paid.		Net Loan Capital Liability.		At Debt of Authorities and Borne by Districts.		Capital Expenditure Borne by the State.	
		£	s. d.	£	s. d.	£	s. d.	£	s. d.	£	s. d.
A	Free Headworks	1,231,081	13 4	515	0 6	1,230,566	12 10	..	..	1,230,566	12 10
B	Capital Works and Charges not Apportionable to Districts ..	1,733,899	10 3	346,468	13 0	1,387,430	17 3	42,485	3 3	1,344,945	14 0
C	Headworks Costs in respect of Irrigation and Water Supply Districts	10,728,638	5 10	118,739	13 7	10,609,898	12 3	571,000	10 7	10,038,898	1 8
D	Irrigation and Water Supply Districts, exclusive of Headworks Costs ..	5,991,433	14 3	101,556	8 6	5,889,877	5 9	1,793,559	19 9	4,096,317	6 0
E	Urban Divisions of Irrigation Districts	64,050	14 10	1,834	9 2	62,216	5 8	15,015	2 9	47,201	2 11
F	Waterworks Districts, exclusive of Headworks Costs	2,782,664	18 9	49,991	17 11	2,732,673	0 10	563,311	10 5	2,169,361	10 5
G	Urban Districts of Waterworks Districts, exclusive of Headworks Costs	2,508,661	0 0	43,700	0 6	2,464,960	19 6	637,104	17 2	1,827,856	2 4
H	Flood Protection Districts	402,077	2 4	7,804	14 2	394,272	8 2	9,716	7 8	384,556	0 6
I	Drainage Districts	54,530	11 0	..	..	54,530	11 0	..	..	54,530	11 0
J	Totals, Works under control of Commission	25,497,037	10 7	670,610	17 4	24,826,426	13 3	3,632,193	11 7	21,194,233	1 8
	Waterworks Trusts and Local Governing Bodies	3,931,307	17 4	753,618	5 6	3,177,689	11 10	1,934,327	16 2	1,243,361	15 8
	Deduct National Debt Sinking Fund not credited to Districts and Works ..	..	..	2,473,807	12 9	..	..	..	..	..	..
	Less Redemption paid into Revenue by Districts, Waterworks Trusts, &c.	..	..	375,933	12 7	2,097,874	0 2	..	..	..	..
	Net Loan Liability of State for Works of Country Water Supply (Exclusive of £8,670 18s. 2d. cash in hand held by Treasury)	..	..	..	..	25,906,242	4 11	5,566,521	7 9	22,437,594	17 4

Note.—In addition to the Total Loan Capital Expenditure set out in the preceding statements, free grants from Unemployment Relief Funds totalling *£3,231,050, were made by the Government and expended by the Commission from 1st June, 1930, to 30th June, 1942, for various works carried out within and outside its constituted Districts.
* Includes £208,541 for drainage of First Mildura Irrigation Trust District.

STATEMENT OF REVENUE SETTING OUT ARREARS AS AT 1ST JULY, 1943, AND AS AT 30TH JUNE, 1944, RESPECTIVELY.

	Total.	Water Act 1940, (No. 4740), Sec. 3.		General Rate.		Irrigation Charge.		Drainage Rate.		Flood Protection Charge.		Sales of Water.		Meter Rent.	Miscellaneous.
		Consolidated Arrears.	Interest.	Rate.	Interest.	Charge.	Interest.	Rate.	Interest.	Charge.	Interest.	Sales.	Interest.		
Arrears as at 1st July, 1943 ..	£ 516,944	£ 330,059	£ 8,918	£ 89,781	£ 9,928	£ 28,218	£ 1,412	£ 4,418	£ 520	£ 1,836	£ 121	£ 35,149	£ 277	£ 875	£ 5,432
Assessments, 1943-44 ..	512,903	..	..	260,940	..	223,213	..	20,792	..	7,958	..	..	..	..	..
Additional Water Sales, Meter Rents, and Interest Charges to 30th June, 1944 ..	201,982	..	3,927	..	5,420	..	1,655	..	264	..	126	151,299	412	5,951	32,928
Total Amount Collectable, 1943-44 ..	1,231,829	330,059	12,845	350,721	15,348	251,431	3,067	25,210	784	9,794	247	186,448	689	6,826	38,360
Deduct—															
(i) Revenue Collected, 1943-44 ..	730,670	36,394	987	258,221	3,792	221,038	1,766	21,394	253	8,143	110	139,538	288	5,970	32,776
(ii) Credits Absorbed ..	2,540	..	..	307	..	235	..	20	..	7	..	311	..	30	1,630
Balance ..	498,619	293,665	11,858	92,193	11,556	30,158	1,301	3,796	531	1,644	137	46,599	401	826	3,954
Add—Amounts Overpaid ..	2,796	..	7	251	1	80	7	9	..	6	..	1,128	..	15	1,292
Total = Gross Arrears at 30th June, 1944 ..	501,415	293,665	11,865	92,444	11,557	30,238	1,308	3,805	531	1,650	137	47,727	401	841	5,246
Deduct—Amounts recommended for Writing Off, 1943-44 ..	16,394	4,631	1,909	5,409	527	1,941	37	100	25	48	..	890	19	24	834
Balance = Net Arrears as at 30th June, 1944 ..	485,021	289,034	9,956	87,035	11,030	28,297	1,271	3,705	506	1,602	137	46,837	382	817	4,412

This Statement is subject to Audit and minor adjustments.

ESTIMATES 1944-45.

PROPOSED DISBURSEMENTS.

	Estimated Requirements.	Amount provided in Budget.
	£	£
Coliban Works	14,417	14,417
Free Headworks	4,580	4,580
Irrigation Districts	132,320	127,320
Waterworks Districts	175,918	171,918
Flood Protection Districts	9,923	9,923
Drainage Districts	14,993	14,993
Salaries of Permanent and Temporary Employees*	281,345	281,345
General Expenditure*	73,825	68,825
River Murray Works—Contribution by State	15,000	14,000
Pay-Roll Tax	14,420	14,420
Assistance to certain Sewerage Authorities where works have been suspended to meet Commonwealth requirements	11,204	11,204
Subsidies to Sewerage Authorities in cases where the interest paid on capital liability is in excess of the rate 3 per cent... ..	30,000	25,000
Subsidies to Waterworks Trusts and Local Governing Bodies to enable a reduction of 33½ per cent. to be made in Water Rates	1,000	1,000
Investigations by Town Water Supplies Committee	1,000	1,000
Compensation to landholders for loss resulting from resumption of properties for works in Parishes of Corop and Kooweerup East	440	440
	<u>780,385</u>	<u>760,385</u>

* To be apportioned over the above Districts.

ESTIMATED RECEIPTS.

	£
Coliban Works	45,000
Waterworks Districts	235,000
Irrigation Districts	345,000
Flood Protection and Drainage Districts	25,000
Other	27,000
Recoup on account of amounts paid from Revenue in connection with River Murray Commission, Loan Works, &c.	63,000
	<u>740,000</u>
Add estimated Revenue from Other Authorities—	
	£
Waterworks Trusts	60,300
Local Bodies	24,000
	<u>84,300</u>
	<u>824,300</u>
Total estimated amount available from Revenues of all Authorities to meet interest	<u>63,915</u>

APPENDIX A.

STATE RIVERS AND WATER SUPPLY COMMISSION.

IRRIGATION SYSTEMS.

RETURN OF WATER DELIVERED—YEAR 1943-44.

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	6,527	4,404	3,927	1,087	139	5,153	16	5,169	14
Shepparton	42,850	21,391	19,488	2,393	652	22,533	127	22,660	..
North Shepparton	30,501	13,203	11,398	2,329	362	14,089	14	14,103	..
Katandra	9,051	7,329	7,329	880	71	8,280	..	8,280	..
Totals	88,929	46,327	42,142	6,689	1,224	50,055	157	50,212	14
(Waranga System.)									
Rodney	209,412	60,838	57,777	26,959	2,706	87,442	(a) 252	87,694	..
Tongala-Stanhope	100,409	47,987	47,987	11,187	3,116	62,290	..	62,290	..
Deakin	13,977	5,660	5,044	2,153	1,715	8,912	..	8,912	..
Rochester	130,333	57,510	56,597	24,854	3,474	84,925	..	84,925	1,640
Dingee	5,922	4,361	4,285	1,069	199	5,553	..	5,553	..
Calivil (Including Loddon water)	13,942	6,505	6,144	2,971	240	9,355	..	9,355	(b) 36
Tragowel Plains (including Loddon water)	93,051	31,192	31,192	10,415	892	42,499	..	42,499	(b) 32
Loddon United (including Loddon water)	5,609	..	..	..	1,014	1,014	727	1,741	..
Boort (Including Loddon water)	35,156	11,339	11,299	5,926	533	17,758	181	17,939	1,531
Totals	607,811	225,392	220,325	85,534	13,889	319,748	1,160	320,908	3,239
Totals (Goulburn System)	696,740	271,719	262,467	92,223	15,113	369,803	1,317	371,120	3,253
RIVER MURRAY SYSTEM—									
(Yarrawonga Weir.)									
Murray Valley	*56,173	20,531	11,093	6,440	13	17,551	95	17,646	..
(Torrumbarry System.)									
Cohuna	112,493	48,585	47,432	13,499	2,831	63,762	151	63,913	..
Koondrook	82,714	24,203	22,090	7,233	426	29,749	182	29,931	..
Kerang	64,737	18,949	18,949	16,885	948	36,782	267	37,049	69
Third Lake	3,907	2,513	2,448	118	..	2,566	37	2,603	..
Mystic Park	4,086	2,677	2,526	349	..	2,875	..	2,875	633
Tresco	5,360	..	..	2,607	..	2,607	..	2,607	..
Fish Point	3,038	1,845	1,845	194	120	2,159	..	2,159	..
Swan Hill	53,999	25,865	25,083	8,968	..	34,051	196	34,247	..
Pental Island Private Diversions .. .. .	..	..	..	..	..	..	..	..	7,659
Kerang Private Diversions .. .. .	..	..	..	..	..	..	..	..	846
Kerang Lakes Private Diversions .. .. .	..	..	..	..	..	..	..	..	4,727
Upper Gunbower Creek Private Diversions .. .. .	..	..	..	..	..	..	..	..	4,620
Lower Gunbower Creek Private Diversions .. .. .	..	..	..	..	..	..	..	..	5,591
Taylor's Creek Private Diversions .. .. .	..	..	..	..	..	..	..	..	1,384
Kow Swamp Private Diversions .. .. .	..	..	..	..	..	..	..	..	3,800
Pyramid Creek Private Diversions .. .. .	..	..	..	..	..	..	..	..	2,525
Totals (Torrumbarry System)	330,334	124,637	120,373	49,853	4,325	174,551	833	175,384	31,854
(Pumped direct from River.)									
Nyah	9,652	7,324	7,324	174	485	7,983	50	8,033	..
Red Cliffs	44,532	28,061	24,693	189	..	24,882	479	25,361	..
Merbein	33,066	19,325	17,910	678	..	18,588	41	18,629	..
Totals	87,250	54,710	49,927	1,041	485	51,453	570	52,023	..
Totals (River Murray System)	473,762	199,878	181,398	57,334	4,823	243,555	1,498	245,053	31,854
CAMPASPE SYSTEM—									
Coliban .. .. .	..	..	..	(c) 8,720	5,300	14,020	..	14,020	..
Campaspe	3,694	..	..	773	128	901	13	914	..
Totals	3,694	..	..	9,493	5,428	14,921	13	14,934	..
WERRIBEE SYSTEM—									
Bacchus Marsh	7,430	3,331	3,301	1,234	279	4,814	(b) 759	5,573	..
Werribee	15,246	8,154	7,955	1,176	435	9,566	540	10,106	..
Totals	22,676	11,485	11,256	2,410	714	14,380	1,299	15,679	..
MACALISTER SYSTEM—									
Maffra-Sale	61,432	22,463	21,332	5,997	1,557	28,886	802	29,688	..
WIMMERA SYSTEM—									
Western Wimmera and Wimmera United	13,847	..	..	5,161	..	5,161	..	5,161	..
Grand Totals	1,272,151	505,545	476,453	172,618	27,635	676,706	4,929	681,635	35,107
			649,071				716,742		
			(Irrigation deliveries in Districts)				(Total water deliveries)		

* Includes 7,187 acre feet discharged to Broken Creek Systems. (a) Includes Waterworks Trusts and Local Bodies. (b) Includes Urban Districts. (c) Includes 466 acre feet for mining purposes.

NOTE.—The above return does not include water supplies for domestic and stock purposes in Waterworks Districts which are shown separately in Appendix B. Water supplies from the Urban Systems of Mornington Peninsula, Bellarine Peninsula, Otway, and Wonthaggi Districts are also not included.

In Annual Reports for years 1940-41 and 1941-42, this Return included domestic and stock supplies to Normanville, Coreena, Carwarp, Yelta, and Milleva Waterworks Districts. These are shown now under Appendix B. Irrigation supplies from the Wimmera System to areas in Western Wimmera and Wimmera United Waterworks Districts were included in this Return for the first time in year 1942-43.

APPENDIX B.

STATE RIVERS AND WATER SUPPLY COMMISSION.

DOMESTIC AND STOCK SYSTEMS.

Return of Water Delivered to Waterworks Districts during Waterings in Year 1943; measurements being made at Headworks or at Pumping Stations.

Districts.	Quantity.	Total.
	Acre feet.	Acre feet.
Wimmera-Mallee System—		
Wimmera River and Storages	51,967	
Loddon and Goulburn Water	24,943	
		76,910*
Normanville (Loddon and Goulburn)	2,870	2,870
River Murray—		
Millewa	22,087	
Coreena	1,072	
Yelta	364	
Carwarp	2,031	
		25,554
Grand Total ..		105,334

* Detailed statement of Wimmera-Mallee System hereunder.

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

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

* 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

APPENDIX C.

STATE RIVERS AND WATER SUPPLY COMMISSION.

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

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

† Supplies intermittent owing to low state of river.

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

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

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

† Portion of district not supplied.

* Districts supplied from River Murray.

APPENDIX D.

STATE RIVERS AND WATER SUPPLY COMMISSION.

COLIBAN SYSTEM—WATER DELIVERIES.

The following statement shows the quantities of water taken into and released from the main storages of the Coliban System, the quantities delivered to water-users, and the percentages of efficiency of deliveries since the year 1935-36 :—

Year.	Inflow to Storages.			Output from Storages.	Delivered to Users.	Percentage Efficiency.	Remarks.
	From Coliban River.	Through Ashbourne Diversion Channel from Campaspe River to Collban River.	Total.				
	acre feet.	acre feet.	acre feet.	acre feet.	acre feet.	acre feet.	
1935-36 ..	42,754	..	42,754	36,600	14,961	41	Water run in—
1936-37 ..	48,150	1,388	49,538	36,000	15,818	44	Whole system
1937-38 ..	5,969	376	6,345	12,713	7,724	61	Whole system (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

APPENDIX E.
STATE RIVERS AND WATER SUPPLY COMMISSION.
LANDS UNDER IRRIGATED CULTURE.

The two Statements hereunder show the extent of Areas Irrigated—(A) during the year 1943-44 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 1943-44.

Name of District.	Area of District in Acres.	Area classified as Irrigable within Constituted Districts in Acres.	Water Rights Apportioned (including Extra Water Rights) Acre Feet.	Area Irrigated, including Lands adjoining a District, in Acres.								
				Total Area Irrigated in Acres.	Cereals.	Lucerne Grown for Pasture and Hay.	Sorghum and Other Annual Fodder Crops.	Pastures, Native and Sown.	Vineyards.	Orchards.	Market Gardens.	Fallow and Miscellaneous.
Goulburn System.												
Katandra	13,954	11,173	7,329	7,761	226	650	10	6,857	..	18	..	..
North Shepparton	121,800	61,444	13,203	13,734	469	2,179	452	10,308	..	42	284	..
Shepparton	24,427	21,391	21,391	17,114	131	421	..	5,848	71	7,721	2,022	..
South Shepparton	33,723	17,923	4,404	7,089	112	754	150	5,837	..	29	135	72
Rodney	272,688	190,356	60,838	101,961	7,273	17,021	1,430	64,578	209	9,510	773	1,167
Tongala-Stanhope	76,151	47,561	47,987	40,942	2,387	6,565	861	28,726	24	1,920	63	396
Rochester	181,578	57,039	57,510	73,001	2,947	7,323	1,299	59,684	16	1,279	103	350
Dingee	8,849	4,361	4,361	4,066	197	42	70	3,717	..	..	40	..
Calivil	61,136	32,527	6,505	13,113	1,113	515	968	10,182	19	..	..	316
Traragon Plains	218,110	148,763	31,192	47,218	3,880	903	4,784	37,237	13	..	..	401
Denkiu	160,393	21,050	5,660	8,373	1,315	897	445	5,709	..	3	4	..
Boort*	80,061	56,722	11,339	22,856	4,300	1,385	3,616	13,206	..	2	..	347
Totals	1,252,900	670,310	271,719	357,228	24,350	38,655	14,085	251,889	352	20,524	4,324	3,049
River Murray System.												
(a) Torrumbarry Weir.												
Cohuna	84,962	44,399	48,585	60,496	1,307	3,175	616	52,939	2	89	27	2,341
Koondrook	82,678	24,173	24,203	28,459	1,425	1,842	1,599	22,378	..	1,001	15	199
Swan Hill	37,113	22,268	25,865	20,213	1,429	3,872	371	9,322	3,584	280	895	460
Third Lake	11,494	3,771	2,513	4,345	259	148	231	3,705	..	2	..	..
Mystic Park	20,260	7,805	2,677	3,781	603	63	110	2,995	..	10	..	..
Tresco	3,482	2,000	..	1,058	..	33	..	..	775	235	..	15
Fish Point	6,327	3,756	1,845	1,689	140	59	166	1,324	..	..	..	..
Kerang	87,144	54,925	18,949	44,395	2,285	1,402	2,949	37,518	..	4	19	218
Kerang North-West Lakes	35,943	..	..	4,273	806	194	438	2,215	45	527	13	35
Lands supplied direct (outside Districts) .. .. .	..	..	..	21,492	1,319	1,903	719	17,375	14	10	107	45
Totals	369,403	163,097	124,637	190,201	9,573	12,691	7,199	149,771	4,420	2,158	1,076	3,313
(b) Yarrawonga Weir.												
Murray Valley	95,314	72,590	20,531	15,001	2,108	1,940	1,261	7,295	..	1,342	408	647
(c) Direct from River by Pumping.												
Nyah	3,842	2,731	7,324	2,970	23	191	26	51	2,510	117	13	39
Red Cliffs	30,950	11,224	28,061	11,501	..	175	..	50	10,760	384	132	..
Merbein	10,355	7,730	19,325	7,995	15	84	100	106	7,032	532	74	52
Totals	45,147	21,685	54,710	22,466	38	450	126	207	20,302	1,033	219	91
Totals (River Murray System)	509,864	257,372	199,878	227,668	11,719	15,081	8,586	157,273	24,722	4,533	1,703	4,051
Loddon and Other Northern Systems.												
Boort* .. .. .	..	..	..	1,987	375	122	310	1,148	..	..	..	32
Coliban .. .. .	..	10,868	..	7,427	56	276	77	1,907	12	3,522	1,361	216
Campaspe	19,725	..	..	1,154	374	210	..	560	..	6	4	..
Western Wimmera .. .. .	..	3,500	..	3,017	21	321	6	1,017	63	1,120	464	5
Wimmera United .. .. .	..	410	..	137	..	60	29	42	..	..	6	..
Totals	19,725	14,778	..	13,722	826	989	422	4,674	75	4,648	1,835	253
Southern Systems.												
Bacchus Marsh	6,655	3,331	3,331	3,327	61	1,040	..	1,872	..	164	171	19
Werribee	10,138	8,153	8,154	8,333	31	916	94	3,936	..	284	3,072	..
Maffra-Sale	51,784	22,427	22,463	22,953	99	1,424	846	19,793	..	..	92	699
Totals	68,577	33,911	33,948	34,613	191	3,380	940	25,601	..	448	3,335	718
Mildura and Private Diversions.												
First Mildura Trust District	44,000	15,494	..	12,701	..	331	178	..	11,325	795	..	72
Private Diversions—Kerang (outside District) .. .. .	..	..	..	1,806	48	26	217	1,479	..	..	..	36
Other Private Diversions throughout the State .. .. .	..	..	..	17,506	4,980	5,579	1,379	2,307	956	410	1,182	713
Totals	44,000	15,494	..	32,013	5,028	5,936	1,774	3,786	12,281	1,205	1,182	821
Grand Totals 1943-44	1,895,066	991,865	505,545	665,244	42,114	64,041	25,807	443,223	37,430	31,358	12,379	8,892
Grand Totals 1942-43	1,894,506	987,727	496,599	606,757	26,301	69,257	11,572	412,256	37,303	30,434	10,682	8,952

* Supplied from the Goulburn and the Loddon Systems.

(B) COMPARATIVE STATEMENT OF THE EXTENT OF IRRIGATION 1939-40 TO 1943-44.

Source of Supply.	Area under Irrigation (Acres).				
	1939-40.	1940-41.	1941-42.	1942-43.	1943-44.
Goulburn System	263,795	315,515	321,843	329,408	357,228
River Murray System	176,697	206,579	203,820	198,498	227,668
Loddon and Other Northern Systems	13,867	8,756	11,460	12,646	13,722
Southern Systems	34,406	33,887	34,995	34,288	34,613
Mildura Trust and Private Diversions	29,138	31,925	29,956	31,917	32,013
Totals	517,903	596,602	602,074	606,757	665,244

The total area irrigated was a record one of 665,244 acres, the largest area previously irrigated in any one year being 606,757 acres in 1942-43.

APPENDIX F.

STATE RIVERS AND WATER SUPPLY COMMISSION.

TOTAL STORAGES IN STATE.

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

EXISTING STORAGES.

Storage.										Full Supply Reduced Level.	Capacity.	
										Feet.	Acre feet.	Acre feet.
<i>Goulburn System—</i>												
Eildon	..	..	..	..	..	..	..	..	..	823·00	306,000	
Goulburn Weir	..	..	..	..	..	..	..	..	..	408·00	20,700	
Waranga	..	..	..	..	..	..	..	..	..	398·00	333,400	
												660,100
<i>Murray-Loddon System—</i>												
Capacity in												
Acre feet.												
Hume Reservoir	..	..	..	..	..	..	..	..	..	606·00 (a)	736,420	
Yarrawonga Weir	..	..	..	..	..	..	..	..	..	412·80 (b)		
Torrumbarry	..	..	..	..	..	..	..	..	..	285·00 (c)		
Euston	..	..	..	..	..	..	..	..	..	159·00 (c)		
Mildura	..	..	..	..	..	..	..	..	..	116·00 (c)		
Wentworth	..	..	..	..	..	..	..	..	..	104·15 (c)		
1,472,840												
} River Murray Works. Half share to Victoria.												
Kow Swamp	..	..	..	..	..	..	..	..	..	272·00	40,860	
Laanecoorie	..	..	..	..	..	..	..	..	..	527·00	6,650	
<i>Kerang-North West Lakes—</i>												
Third, Middle, Reedy	..	..	..	..	..	..	..	..	..	244·75	69,400	
Kangaroo, Racecourse, Charm	..	..	..	..	..	..	..	..	..	241·00		
Cullens	..	..	..	..	..	..	..	..	..	240·25		
Lake Boga	..	..	..	..	..	..	..	..	..	226·50	29,650	
Lake Cullulleraine	..	..	..	..	..	..	..	..	..	101·00	2,000	
												884,980
<i>Wimmera-Mallee System—</i>												
Fyans Lake	..	..	..	..	..	..	..	..	..	673·00	17,100	
Lake Lonsdale	..	..	..	..	..	..	..	..	..	618·25	53,300	
Wartook	..	..	..	..	..	..	..	..	..	1,500·00	23,800	
Taylor's Lake	..	..	..	..	..	..	..	..	..	482·33	30,000	
Pine Lake	..	..	..	..	..	..	..	..	..	475·00	52,000	
Green Lake	..	..	..	..	..	..	..	..	..	452·50	6,600	
Dock Lake	..	..	..	..	..	..	..	..	..	442·00	4,800	
Moora	..	..	..	..	..	..	..	..	..	723·50	5,100	
Lower Wimmera Weirs	..	..	..	..	..	..	..	..	..	..	2,870	
Batyo Catyo (Avon Regulator)	..	..	..	..	..	..	..	..	..	402·00	5,000	
Lake Whittou	..	..	..	..	..	..	..	..	..	375·00	1,300	
Township Reservoirs and Mallee Tanks	..	..	..	..	..	..	..	..	..	..	4,610	
												206,480
<i>Maffra-Sale System—</i>												
Glenmaggie	..	..	..	..	..	..	..	..	..	244·00	104,500	
Service Basins (Stratford, Heyfield)	..	..	..	..	..	..	..	..	..	..	40	
												104,540
<i>Coliban System—</i>												
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
<i>Werribee System—</i>												
Pykes Creek	..	..	..	..	..	..	..	..	..	1,306·00	21,000	
Melton	..	..	..	..	..	..	..	..	..	273·00	19,100	
												40,100
<i>Bellarine Peninsula System—</i>												
Wurlee Boluc	..	..	..	..	..	..	..	..	..	441·50	10,000	
Service Basins	..	..	..	..	..	..	..	..	..	..	800	
												10,800
<i>Mornington Peninsula System—</i>												
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
<i>Otway System—</i>												
Service Basins	..	..	..	..	..	..	..	..	..	..	..	1,080
<i>Miscellaneous—</i>												
Eppalock	..	..	..	..	..	..	..	..	..	530·00	1,200	
Wonthaggi	..	..	..	..	..	..	..	..	..	238·00	1,550	
Wonthaggi Service Basins	..	..	..	..	..	..	..	..	..	..	10	
Newstead	..	..	..	..	..	..	..	..	..	806·00	30	
												2,790
Total Capacity of Existing Storages										..	..	1,975,520
ADDITIONAL STORAGE BEING PROVIDED BY WORKS IN COURSE OF CONSTRUCTION.												
<i>Wimmera-Mallee System—</i>												
*Rocklands	..	..	..	..	..	..	..	..	..	644·00	..	264,000
FURTHER STORAGE WHICH COULD BE PROVIDED BY COMPLETION OF EXISTING WORKS.												
<i>Maffra-Sale System—</i> Glenmaggie to 150,000 acre feet										255·00	45,500	
<i>Murray System—</i> Hume Reservoir to 2,000,000 acre feet (half share to Victoria)										626·00	375,000	
<i>Coliban System—</i> Lauriston to 16,000 acre feet										1,574·20	4,000	
												424,500
TOTAL CAPACITY OF STORAGES WHEN WORKS ARE COMPLETED										..	..	2,664,020

(a) One foot below New South Wales Standard Datum.—(b) New South Wales Water Conservation Datum.—(c) River Murray Lock Site Datum. All other levels are to Victorian Railways Datum. *Work suspended owing to war conditions.

1943-44.

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	20,257	square miles =	12,964,400	acres
Area within Irrigation Districts .. .. .	..	..	2,202,550	acres
Area Irrigated .. .. .	..	..	665,244	acres
Area within Flood Protection Districts .. .. .	..	..	148,910	acres
Area within Drainage Districts .. .. .	..	..	502,700	acres

AVERAGE ANNUAL RAINFALL.

Over State (87,884 square miles)	..	..	..	..	..	..	10 inches to 80 inches
Under 15 inches	..	..	..	..	18,701 square miles	= 21.3	per cent. of area of State
15 inches to 20 inches	..	..	..	..	13,800	" "	= 15.7
20 " 25 "	..	..	..	..	13,551	" "	= 15.4
25 " 30 "	..	..	..	..	14,528	" "	= 16.5
30 " 40 "	..	..	..	..	15,802	" "	= 18.0
40 " 50 "	..	..	..	..	6,671	" "	= 7.6
50 " 60 "	..	..	..	..	2,660	" "	= 3.0
Over 60 inches	..	..	..	..	2,171	" "	= 2.5
Total	..	..	..	..	87,884	" "	

WATERWORKS

Controlled by Commission—

Storages—Number of large reservoirs	..	..	..	..	..	..	..	..	..	35
Number of subsidiary reservoirs and service basins	..	..	..	..	..	..	..	..	..	224
Total capacity of storages, 537,000 million gallons = 1,975,520* acre feet.										

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

Channels—Length—[illegible]

Pipe Lines—Length—

[illegible]

Tanks—Excavated—

Number in Wimmera-Mallee Waterworks Districts	..	..	..	..	..	..	260 tanks
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)	716,742 acre feet.
---	---------	--------------------

RURAL DISTRICTS—

Administered by Commission—

	Number of Districts.	Number of Farm Holdings.	Population.
Irrigation Districts	28 ..	12,813 ..	34,905
Waterworks Districts (including rural lands, Coliban System) 31 ..	31 ..	20,800 ..	53,870
Flood Protection Districts	4 ..	1,332* (41) ..	3,430* (66)
Drainage Districts	14 ..	4,530* (5,447) ..	4,450* (18,687)
Totals	77 districts	39,475 holdings	96,655 persons

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

URBAN DISTRICTS—

Reticulated pipe supplies for domestic and industrial purposes—

Number of Towns.										Population.
Administered by Commission	..	..	..	..	..	..	126	..	..	129,370 persons
" " Waterworks Trusts	..	..	..	..	..	..	116	..	..	232,650 "
" " Local Governing Bodies	..	..	..	..	..	..	16	..	..	80,350 "
Totals	..	..	..	..	..	..	258 towns	..	..	442,370 persons

SEWERAGE AUTHORITIES

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

CAPITAL LIABILITY FOR WATER SUPPLY—

Total to 30th June, 1944—	(a)	Borne by the State .. .. .	..	..	..	..	..	..	..	\$22,437,594	17	4
	(b)	Borne by the Districts .. .. .	..	..	..	..	..	..	..	5,566,521	7	9
		Total .. .. .	..	..	..	..	..	..	..	\$28,004,116	5	1