1952-53

VICTORIA

STATE RIVERS AND WATER SUPPLY COMMISSION

FORTY-SEVENTH

ANNUAL REPORT

1951-52

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

[*Approximate Cost of Report.*—Preparation, not given. Printing (1100 copies), £800.]

By Authority:
W. M. HOUSTON, GOVERNMENT PRINTER, MELBOURNE.

No. 9.—[5s.]—10888/52.

STATE RIVERS AND WATER SUPPLY COMMISSION

100–110 Exhibition Street,
Melbourne, C.1,
10th March, 1953.

ANNUAL REPORT, 1951–52

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 1951–52, and Estimates for the ensuing year.

L. R. EAST, C.B.E., Chairman.
M.C.E., M.I.C.E., M.ASCE., M.I.E.Aust.

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

J. A. AIRD, Commissioner.
B.S.Agr. (Cal.), B.Agr.Sc., Dip.Com.

L. DUGGAN, J.P., Secretary.

TABLE OF CONTENTS

PAGE.

SUMMARY OF REPORT .. 5–6

Part I.

GENERAL—
- Outline of Report .. 7
- Legislation .. 8
- River Murray Commission .. 8
- Missions Overseas .. 8–9
- Irrigation—Production and Development .. 9–12
  - Soil Surveys and Investigations .. 11
  - Weed Control .. 11
  - District Advisory Boards .. 11–12
  - Irrigation Production Advisory Committee .. 12
- Farm Water Supplies .. 12
- New Districts .. 12–13
- Administration—Staff .. 13

Part II.

WATER SUPPLY AND DRAINAGE—
- Water Distribution .. 14
- Private Diversion .. 14–15
- Advisory Committees .. 15
- Irrigation Districts—
  - Goulburn Division .. 15–16
  - Loddon Division .. 16–17
  - Gippsland and Southern Division .. 17–18
  - Wimmera–Mallee Division .. 18–21
- Mechanical Branch—
  - Pumping Stations .. 22–23
  - Transport .. 23
  - Central Plant Workshops .. 23
- Investigations and Designs .. 23–26
- Surveys .. 26
- Construction Branch .. 27–29
- Housing .. 29
- Eildon Branch .. 29–30
- Construction Plant and Machinery .. 30–31
- Town Water Supplies .. 31–32
- Waterworks Trusts and Local Governing Bodies .. 33
- First Mildura Irrigation Trust .. 33
- Sewerage Authorities .. 34
- Drainage and Flood Protection Works .. 34
- River Improvement .. 35–36
- Engineering Research .. 36–37
- Land Valuation .. 38
- Technical Library .. 38

Part III.

RATING AND FINANCE—
- Rating—
  - Statement of Rates and Charges with Valuations of Lands and Populations in Districts .. 39–46
- Finance—
  - Summary of Financial Position .. 47–54
  - Summary of Receipts and Disbursements 1951–52 .. 57–60
  - Districts Cash and Profit and Loss Accounts 1951–52 .. 61–78
  - Districts Balance Sheets as at 30th June, 1952 .. 79–90
  - Statement of Revenue Showing Arrears .. 91
  - Water Supply Works Depreciation Accounts .. 92–95
  - Capital Expenditure 1951–52 .. 96–98
  - Loan Capital Liability as at 30th June, 1952—
    - Free Headworks .. 100
    - Capital Works and Charges not Apportioned to Districts .. 100
    - Headworks .. 101
    - Irrigation and Water Supply Districts .. 102
    - Urban Divisions .. 103
    - Waterworks Districts .. 103
    - Urban Districts .. 104
    - Flood Protection Districts .. 105
    - Drainage Districts .. 106
    - Waterworks Trusts and Local Governing Bodies .. 106
  - Summary of Statement of Loan Liability as at 30th June, 1952 .. 107
  - Capital Expenditure—1st May, 1906, to 30th June, 1952 .. 108–109
  - Estimates for Year 1952–53 .. 110
  - Contracts .. 111

APPENDICES—
- A, B, C, D, E, F, G, H, J, K .. 112–122
- Photographs illustrating various phases of country water supply .. 123–130

ANNUAL REPORT

OF THE

STATE RIVERS AND WATER SUPPLY COMMISSION

FOR

YEAR ENDED 30TH JUNE, 1952.

SUMMARY OF REPORT.

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

WATER SUPPLY.

The total capacity of water storages controlled by the Commission is 1,977,320 acre feet, including Victoria's half share of River Murray storages.

The total area of lands in Victoria supplied with water for domestic and stock purposes or for irrigation by channels, tanks, bores, and pipe lines is 15,227,600 acres.

The Commission's storages contained 1,682,990 acre feet at 1st July, 1951, and, at 30th June, 1952, they contained 1,782,440 acre feet.

Total water deliveries for the year from the Commission's irrigation systems were 724,906 acre feet.

The number of diversions from streams issued under long-term licences and annual permits totalled 3,481.

DOMESTIC AND STOCK SUPPLIES.

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

IRRIGATION PRODUCTION AND DEVELOPMENT.

The area irrigated during the year was 723,797 acres.

Production from irrigated lands for year 1950-51 was £29,250,000.

NEW PROJECTS.

All of the Commission's developmental works have been affected by the curtailment of loan funds. Construction on the Cairn Curran Dam and the Tarago River Diversion works has been completely closed down, whilst the Big Eildon project has been retarded.

Following upon the decision to enlarge the Hume Reservoir, the Commission has commenced the transfer of the township of Tallangatta to its new site at Bolga.

TOWN SUPPLIES.

Towns in the State having a reticulated water supply number 268, with a total population of 511,620. Of these towns, 130 are administered by the Commission and the balance, 138, by Local Governing Bodies.

SOLDIER SETTLEMENT.

Preparation of land for soldier settlement in the Murray Valley and Central Gippsland Irrigation Districts was continued during the year. In the Central Gippsland District, distributary channels have been completed to a stage which will enable delivery of irrigation supplies to commence in the 1952-53 season.

FINANCE.

The total receipts for water rates and charges for the financial year 1951-52, amounted to a record of £1,197,463, the previous highest collection being £1,032,247 in 1950-51. Other receipts amounted to £674,347.

The net Loan Liability of the State for works of water supply and drainage at 30th June, 1952, was £56,649,417, exclusive of the equity in National Debt Sinking Fund.

Of the net Loan Liability at 30th June, 1952, £3,473,620 is charged to Waterworks Trusts and other Local Governing Bodies ; £1,441,214 is debited to districts directly controlled by the Commission and to the Central Plant Workshops, Bendigo ; £1,576,577 is debited to the Plant and Machinery Account ; £2,145 to River Improvement Trusts ; £9,369 to Latrobe Valley Drainage ; and the balance, £50,115,266, is borne by the State.

The total Interest Charges for 1951-52 amounted to £1,846,043.

Waterworks Trusts and Local Governing Bodies paid to the Treasury as interest on loans the sum of £111,058.

In addition, Interest amounting to £22,083 in respect of Districts and Divisions under its control was met by the Commission.

In districts, the capital liability of which has been adjusted, the operations for the year resulted in a net loss of £266,143 after providing for interest, redemption, and depreciation.

A loss of £274,815 was incurred in operating districts to which the supply was continued by direction of Governor in Council. This amount was debited to the " Revenue Expenditure Chargeable to the State Account."

The net cost to the State for Interest and Exchange, loss on districts supplied by direction of Governor in Council, and services not directly chargeable to water-users, was £2,118,132.

The value of stores and equipment held in the Stores Suspense Account as at 30th June, 1952, was £1,039,161.

The value of moveable plant and machinery held in the Plant and Machinery Account as at 30th June, 1952, was £1,576,577.

A sum of £92,572 was paid into Consolidated Revenue in respect of depreciation payments by Commission's Districts for the year 1951-52.

The amount at credit of Water Supply Plant and Machinery Depreciation Fund as at 30th June, 1952, was £444,800.

The arrears of water rates and charges outstanding at 30th June, 1952, was £235,305.

The amount included in the Budget Estimate for 1952-53 for Vote Expenditure on works and services under the control of the Commission is £2,694,623. This amount is £105,000 less than the Commission's estimated requirements.

RATING.

The total net annual valuation of properties within Irrigation and Waterworks Districts, Flood Protection Districts, and Urban Districts and divisions thereof, including the Coliban System, amounted to £5,301,893.

The total number of rating assessments in the districts supplied with water by the Commission is 87,548, and the total number of assessments in Drainage and Flood Protection Districts is 6,521.

PART I.—GENERAL.

In its last report, reference was made to the fact that the expenditure by the Commission on water conservation and distribution during the period 1st July, 1950, to 30th June, 1951, had reached an all-time record of £7,000,000. That year, during which greater progress had been made in water conservation than in any other period of the State's history, saw the beginning of what was expected to be a period of very marked expansion in water supply undertakings.

It is, therefore, with considerable regret that the Commission has to draw attention to the fact that during the financial year water conservation in Victoria has received possibly its greatest setback.

At the beginning of the year, the Commission had in hand such important water conservation projects as the Big Eildon Dam, Cairn Curran Dam, Rocklands Dam, diversion of the waters of the Tarago River to the Mornington Peninsula, duplication of the Waranga National Channel, extension of the Murray Valley and Nambrok-Denison channel systems, and many other works of great importance to this State.

Because of the restrictions in loan funds in September, 1951, however, work on the Cairn Curran Dam and the Tarago Project had to be greatly slowed down and then, when it became evident that funds for 1952–53 would be further reduced, completely suspended. Work on the Big Eildon Project and the extensions of the Murray Valley and Nambrok–Denison Irrigation Projects has also been greatly retarded, and only limited progress is being made on the duplication of the Waranga Channel. Unless the funds available for water conservation works can be greatly increased it will be many years before a commencement is made on such other important works as the Eppalock Reservoir, Tullaroop Reservoir, Cobbledick's Ford Reservoir, and many other works for which approval has already been given or on which investigations have reached an advanced stage.

The only work that is nearing completion is the Rocklands Reservoir which should be finished early in 1953.

The cessation or slowing down of water-conservation works is not due to any falling off in the demand for water—nothing could be further from the truth. There is an ever increasing pressure upon the Commission to supply additional water for irrigation, domestic, industrial, and stock purposes. The establishment of many important industries will have to be delayed because at present there is insufficient water for their needs.

The demand for primary production has never been greater, and the existing irrigation areas provided during the year not less than £28,000,000 worth of all forms of primary production. The limitation of loan funds has had very serious effects in holding up urgently needed extensions and improvement of domestic water supplies and sewerage in towns throughout the State.

The important work of river improvement is also being seriously retarded. The many river improvement trusts which have been constituted have been unable to obtain anything like the amount of money required to improve and keep streams in a condition which will enable them to carry out efficiently their function of removing surplus waters from farm lands as quickly as possible.

In the previous Annual Report, the Commission pointed out that the policy of carrying out major works by contract could not be pursued with success and in fact had inherent weaknesses if the Commission could not be given assurance that funds would be available to meet contract payments on works which extended over more than one year. The Commission's fears of the weakness of the policy of year by year allocation of loan funds have unfortunately proved only too well founded, and in view of its experience during the present financial year, the Commission will have to consider whether in the future it can enter into any major contracts which would extend over more than one financial year.

Rising costs have had the effect of removing any real relation between present water charges and the cost of district operation and maintenance costs. Higher rates and charges will be unavoidable if adequate revenue is to be obtained to enable the districts to operate successfully.

LEGISLATION.

The following Act affecting the Commission was passed by Parliament in the 1951–52 session :—

Act No. 5574.—An Act relating to the treatment and disposal of industrial and domestic waste in and for the Latrobe Valley and the prevention of pollution of the Latrobe River, and for other purposes.

The Act, the first of its type enacted in Victoria, provides for the constitution of a Latrobe Valley Drainage Board for the construction, operation, and maintenance of works for the treatment and disposal of industrial and domestic wastes from the Latrobe Valley, including the highly toxic wastes resulting from the gasification of brown coal.

Implementation of the Act should result in a marked improvement in the condition of the already heavily polluted Latrobe River and ensure that as industrialization of the area proceeds the river is maintained in a satisfactory condition.

Powers conferred by the Act are both executive and supervisory, the Board being empowered to either prescribe standards with which all liquid effluents discharged to the river must comply, or when deemed necessary, to construct works for the treatment and disposal of liquid wastes.

The administration of this Act is being carried out by the Commission until such time as the Latrobe Valley Drainage Board is constituted. The Board will then assume the powers and duties conferred or imposed by the Act subject to the general control and supervision of the Commission.

RIVER MURRAY COMMISSION.

Mr. L. R. East attended meetings of the River Murray Commission throughout the year as the Victorian Representative.

Preliminary work on the enlargement of Hume Reservoir, together with the construction of a power station in which two 25,000 kW. turbo-generators are to be installed, is being carried out by the New South Wales Department of Public Works.

The State Rivers and Water Supply Commission is preparing the new site at Bolga for Tallangatta Township, the removal of which has been necessitated by the enlargement of the reservoir. A plan for a new model township on this site has been prepared by the Town and Country Planning Board in consultation with the State Rivers and Water Supply Commission and the Towong Shire Council.

An Interim Development Order was issued in July, 1951, to prevent the growth of undesirable settlements around the new township.

A survey in detail of buildings and services to be transferred to the new site is proceeding, and preliminary steps have been made to establish a works depot and camp for personnel at the site.

The comprehensive investigation into the additional storage capacity required on the Upper Murray to regulate Snowy River and Upper Murray waters, and its location, was concluded in 1951 and the River Murray Commission has decided that an increase in capacity of 500,000 acre feet is the maximum economically justifiable, and that this increase can best be provided by increasing the capacity of Hume Reservoir to 2,500,000 acre feet.

The Governments concerned are now considering this recommendation of the River Murray Commission, which will involve a further amendment to the Agreement.

MISSIONS OVERSEAS.

Aspects of Irrigation in U.S.A.

In view of the large additional quantities of water which will become available for irrigation on completion of the enlarged Eildon Reservoir and other works under construction or approved, it was decided that, in planning its utilization, as much use as possible should be made of the knowledge and experience of the scientists and agriculturalists of the U.S.A.

Accordingly, the Commission decided to send its Chief Irrigation Officer, Mr. A. L. Tisdall, M.Agr.Sc., to U.S.A. to investigate and report on the utilization of water for irrigation.

The itinerary embraced the Western States of Colorado, Utah, Idaho, Washington, Oregon, California, Arizona, and Nevada. The projects and institutions visited included the Bureau of Reclamation's Federal Centre at Denver, Colorado, and Agricultural Experiment Stations and Universities in the various States, together with irrigation projects of all sizes. Attention was given to existing systems and also to large new developments such as the Columbia Basin, Washington, and the Central Valley, California.

Information was obtained on water resources, irrigated agriculture, land classification and preparation, drainage, operation of irrigation districts, water measurement and charges, weed control and channel linings. A full report on the mission has been published by the Commission.

Latrobe Valley Drainage.

Following a request from the Government that the Commission investigate the sewerage, trade wastes disposal, and stream pollution problems arising from increasing industrialization in the Latrobe Valley, the Commission retained Messrs. Candy, Scott, and Furphy, Consulting Engineers of Melbourne, to advise on the matter.

One of the consultants, Mr. H. G. Furphy, with Mr. J. B. Mulvany, B.C.E., A.M.I.E., Aust., a senior engineer of the Commission, accordingly visited England and Europe to obtain first-hand information on the latest developments in those countries. In addition to the particular problems arising in the Latrobe Valley, Mr. Mulvany also enquired into the latest English and European practice regarding sewage and trade waste treatment, and the technical, legislative, and administrative aspects of stream pollution prevention. Information obtained has now been published by the Commission in its Technical Bulletin No. 4.

Outlet and Control Works Contract Negotiations.

Messrs. R. A. Horsfall, M.B.E., M.C.E., B.Mech.E., A.M.I.E., Aust., the Commission's Assistant Chief Designing Engineer, and L. P. Ilott, Dr. Ing. (Vienna), A.M.I.E. Aust., Senior Designing Engineer for Dams, went to Europe in May of this year to conduct final negotiations with the various overseas contractors who had tendered for outlet and control works for the Commission's major projects in the course of construction. By arrangement with Utah Construction Ltd., negotiations regarding metal-work and machinery ordered for the Big Eildon Dam were also included in the work of the mission.

Exhaustive discussions were held with engineering firms in Germany and England regarding details of design and workmanship, and methods of payment and inspection, prior to the signing of the contracts by the manufacturers and subsequently by the Commission.

The total value of the contracts arranged with five firms (excluding works for the Big Eildon Dam costing over £500,000) is £A328,700.

IRRIGATION, PRODUCTION, AND DEVELOPMENT—SEASON 1951–52.

Seasonal Conditions.

Good early spring rains resulted in the amount of water used being below average until mid-October, but November was drier than usual, and from then on water deliveries were higher than the previous year. Water usage continued at a high rate until late in April, the total deliveries for the season being 724,906 acre feet. Stock were maintained in good condition throughout the season. Citrus crops were light but of good quality, the dried fruit harvest was up to the average, while good crops of canning peaches, coupled with small losses from pests and diseases, resulted in a very heavy year for the canneries. Tomatoes suffered considerably from late spring frosts, and many areas had to be replanted.

General Trends.

Some trends in irrigated agriculture have been noted. The amount of water used has increased steadily, with minor seasonal fluctuations, to more than double the amount of 25 years ago. The area under sown pasture has continued to expand in recent years, and that under lucerne has decreased slightly. Areas under vineyards have increased slightly in the last ten years, while the irrigated area used for vegetable production has more than doubled over the same period and is now in the region of 16,000 acres. The latter represents a comparatively small proportion of the total area irrigated, but a much more significant contribution to total production.

Production.

The estimated gross value of primary production from Victorian Irrigation Districts for 1950–51 was £29,250,000. Details of this figure are as follows:—

	£	£
Live Stock.		
Milk and Milk Products	5,250,000	
Beef and Veal Meats	1,350,000	
Wool, Lamb, and Mutton	9,720,000	
Pigmeats	1,500,000	
Poultry and Eggs	1,250,000	
		19,070,000
Horticulture.		
Dried Vine Fruits	3,450,000	
Table and Wine Grapes	200,000	
Canning Fruits	1,100,000	
Fresh and Jam Fruits	850,000	
Citrus Fruits	670,000	
		6,270,000
Vegetables		2,050,000
Other Primary Products		1,860,000
		29,250,000

The increase of nearly £7,000,000 over the 1949–50 production estimates was largely attributable to an increase of £5,420,000 in the value of the item wool, lamb, and mutton.

While increased prices for virtually all classes of irrigated produce contributed to the increased value of production, some interesting trends in the quantities produced were noted.

The numbers of dairy cattle fell by 2 per cent. compared with the 1949–50 figures, but beef cattle numbers increased by 6 per cent. and pig numbers by 12 per cent.

Sheep and lamb flocks increased by nearly 11 per cent. on the previous year and yielded 11,000,000 lb. of wool in addition to considerable quantities of lamb and mutton.

The following table sets out the estimated live stock numbers carried in the Irrigation Districts during the past three years for which statistics are available:—

—	1948–49.	1949–50.	1950–51.
	head.	head.	head.
Dairy cattle	207,500	215,500	211,500
Beef cattle	35,000	38,000	40,500
Pigs	50,000	50,500	56,500
Sheep and lambs	1,144,500	1,217,000	1,346,000

Joint Investigations.

In the Nyah-Woorinen and Tyntynder Districts, investigations into problems of irrigated agriculture have been continued by joint committees, comprising representatives of the Commission, the Department of Agriculture, the C.S.I.R.O. and local irrigators.

In conjunction with the Soldier Settlement Commission, the possibility of establishing an additional irrigated area in the Horsham District was investigated.

The Commission is now represented on the consultative committees of the C.S.I.R.O. Research Stations at Merbein and Deniliquin, and the Department of Agriculture Research Station at Tatura.

In collaboration with the Department of Agriculture, two experimental plots, one irrigated and the other on dry country, have been laid down on salt-affected land at Bundalaguah in the Maffra–Sale Irrigation District. Various crops have been sown in the irrigated plots, but the salt status of the other is such that no sowing of commercial species is proposed until the salt content of the soil can be lowered by natural leaching. Top dressings of several soil ameliorants are being tested on both plots. There is insufficient data as yet to draw any conclusions from this work. A third plot, also on salt land, is in course of preparation at Corop in the Deakin Irrigation District.

Soil Surveys and Investigations.

In conjunction with the Department of Agriculture, soil surveys were continued in Deakin and Tragowel Plains Districts. Field work for the Deakin survey has now been completed, and plans of the Boort survey, of which the field work has also been completed, are being draughted.

Land classification is also proceeding in all areas likely to be affected by new storages in the Goulburn and Loddon systems.

Mission to U.S.A.

Mr. A. L. Tisdall, Chief Irrigation Officer, visited the Western States of U.S.A. during the period from July to October last year, to study problems encountered in operation and maintenance of irrigation districts. Some of the experience gained has been used in developing the programmes of research into weed control and ground water discussed below, which are being carried out by the Commission. A full report of the Mission has been published.

Weed Control.

A programme of experimental work has been carried out on the chemical control of weeds which obstruct channels, drains, and natural waterways, and these experiments have included all the main weed species and most of the available non-poisonous weed-killers. Best results have been obtained with the chemical control of Cumbungi, Water Couch Grass, Jointed Rush, Common Water Milfoil, Buttonweed, Red Azolla, and Willows, whereas the experiments on Spiked Rush, Floating Pondweed, Paspalum, and submersed weeds have not given satisfactory results.

The information which has been obtained so far needs confirmation, and a further season's experimental work is necessary before any chemical treatments are adopted on a large scale. Nevertheless, results have shown quite definitely that chemicals can increase the effectiveness of and reduce the cost of clearing weed growth from waterways, and many enquiries have been answered from primary producers, from official organizations, and from commercial companies.

Ground Water Survey.

A survey of the ground water position as it affects irrigation districts, with particular regard to drainage problems and salt land reclamation, has been commenced.

Much more data is required on ground water levels than can be compiled from existing sources, and for this reason shallow observation wells are being sunk on a grid system over these irrigation districts where the general water table is close to the surface. The first grid system has been established in the Tongala Irrigation District and regular records are being kept. Recording of levels in private wells has been continued in other areas, especially in the Murray Valley and Maffra-Sale Irrigation Districts.

At the request of the Commission, the Bureau of Mineral Resources has experimented in the Cobram area with seismographic equipment as a means of measuring depth to deep ground water levels. The method proved unsatisfactory.

Competitions.

The Mallee Soil Drift Control Competition, which has been conducted by the Commission for the past eleven years in conjunction with the Soil Conservation Authority, was this season taken over entirely by the Authority.

District Advisory Boards.

Advisory Boards continued to function in most Irrigation Districts during the year and gave valuable assistance to the Commission and its officers in solving local water distribution problems.

The Third Triennial Conference of Advisory Boards from Gravitation Areas was held at Bendigo on the 1st and 2nd August, 1951, when more than 100 representatives of some 24 Boards discussed a wide range of water conservation and distribution matters. A total of 47 resolutions was passed at the Conference and the Commission's comments on each of the resolutions was published in the February, 1952, issue of its official journal, *Aqua*.

Irrigation Production Advisory Committee.

The Irrigation Production Advisory Committee, on which the Commission is represented, held its eleventh and twelfth meetings in Melbourne during the year.

The Agenda at these meetings included the following matters of particular interest to Victoria:—Dried Vine Fruit Planting Policy, Possibilities of expanding vegetable production under Irrigation, Reports of the Stanhope Fat Lamb and Dairy Industry Surveys, Soil Surveys for Irrigation Development.

FARM WATER SUPPLIES.

The advisory service to landholders on water supply, irrigation, and drainage was restored on 30th October, 1951, by the passing of the Water (Amendment) Act No. 5573, and this service is now in operation.

Advice is given in respect of all matters concerning sources of supply and types of storage, such as bores, pumping from streams, low-level weirs, gully dams, &c.

Some survey and layout plan work has been carried out in connection with the development of small irrigation plots by landholders. When available, the Commission's earth-moving plant has undertaken the excavation of earthen storages for farmers. These works are paid for by the landholder concerned and the cost compares well with contractors' rates, although such work is not undertaken in competition with them.

DISTRICT EXTENSIONS, EXCISIONS, AND ALTERATIONS.

The Robinvale Irrigation District was extended by the inclusion of some 3,500 acres of new lands served by an extension of the Commission's irrigation pipeline system.

Several areas in the vicinity of townships, which have been subdivided into building lots, have been excised from Rodney, Shepparton, Kerang, Murray Valley, and Werribee Irrigation Districts and added to the urban district of the local water supply authority.

The Wychitella Waterworks District was extended to include an area of 1,960 acres excised from West Loddon Waterworks District, and an area of 700 acres, not benefited by the Commission's works, was excised from the former district.

The Wimmera United Waterworks District was extended to include an area of 2,130 acres benefited by the Commission's works.

Areas of 142,500 acres and 19,000 acres were excised from Tyntynder and Tyrrell Waterworks Districts respectively and added to Coreena Waterworks District. The name of Coreena Waterworks District was simultaneously altered to Tyntynder North Waterworks District and an area of 9,500 acres of lands, not previously within a constituted district, was also added to the new district. Areas of 46,500 acres, 17,080 acres, 2,200 acres, 790 acres, and 800 acres, not supplied by the Commission's works, were excised from Tyntynder, Coreena, Millewa Central, Millewa, and Axe Creek Waterworks Districts respectively.

The Newstead and Otway Waterworks Districts were extended to include areas of 15 acres and 1,300 acres, respectively, on which are Commission's works serving those districts.

URBAN DISTRICTS—ALTERATIONS.

The boundaries of Heyfield, Red Cliffs, Merbein, Pyramid Hill, Stanhope, and Tallygaroopna Urban Districts were amended to include a number of small areas served by extensions of the respective reticulation systems.

The Bacchus Marsh Urban Division, comprising 470 acres, was excised from the Bacchus Marsh Irrigation District and created a Water Supply District under the control of the Bacchus Marsh Shire Council, which has been constituted a Local Governing Body for this area.

NEW DISTRICT.

To facilitate administration of lands affected by resubdivision under the North-West Mallee Settlement Areas Act, the Millewa, Carwarp, Carwarp Central, and Yelta Waterworks Districts were united to form the Millewa Waterworks District as on and from 1st July, 1952.

ADMINISTRATION.

Deaths and Retirements.

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

L. J. Scott, District Officer ; J. A. Miles, H. B. Field, and G. N. J. Muntz, Clerks ; W. A. Treffene, Head Water Bailiff, and F. G. Jaensch, Ranger.

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

Mr. W. G. Sides, Executive Engineer ; Mr. A. W. C. Burston, Designing Engineer ; Mr. A. F. Tricks, Valuer ; Miss M. T. A. Martin and Mr. G. R. Gray, Clerks ; Senior Inspector A. H. Harrison ; Mechanical Assistant J. G. Hussey ; Reservoir Keeper J. F. Johnson ; Water Bailiffs E. F. C. Saville and W. J. Campbell ; Turncock T. Hanrahan ; Assistant Storeman C. Pell, and Assistant R. G. Nilsson.

Resignations.

During the year 127 officers and employees resigned from the Commission's service, of whom 22 were engineers and surveyors, 19 were draughtsmen or draughtswomen, 30 were clerks, 32 were typists, 7 were bailiffs, and 17 other officers and employees.

Staff.

The following statement shows the number of officers and employees on the Commission's staff at 30th June, 1952 :—

	1952.		
	Permanent.	Temporary.	Total.
Professional Officers	296	119	415
Clerical Officers	165	112	277
General	459	246	705
Totals	920	477	1,397
Percentage Employees on Temporary basis		34 per cent.	

PART II.—WATER SUPPLY AND DRAINAGE.

WATER DISTRIBUTION.

Exclusive of the metropolitan area, the total area of land in Victoria supplied with water for domestic, stock or irrigation purposes during the year was 15,227,600 acres.

At the commencement of the irrigation season on 1st September, 1951, the total volume of water in the Commission's main storages, including Victoria's half share of Hume Reservoir and Yarrawonga Weir, was 1,899,530 acre feet against the total capacity of 1,931,400 acre feet.

The total quantity of water delivered on the land in the Goulburn System was 361,304 acre feet. In the Torrumbarry System the delivery was 181,726 acre feet, and in the Murray Valley District 81,805 acre feet.

The total quantity delivered in all irrigation districts was 718,642 acre feet, including 65,833 acre feet by pumping for the Red Cliffs, Merbein, Robinvale, and Nyah Districts. In addition, 33,879 acre feet were supplied to lands outside the Commission's Districts, bringing the total delivery of water for irrigation to 752,521 acre feet.

The volume of water released from Waranga Reservoir amounted to 643,716 acre feet. Of this quantity 257,484 acre feet were delivered to the land and 4,330 acre feet passed on at Loddon Weir to the Wimmera–Mallee Waterworks District, indicating that about 40·7 per cent. of water released was delivered. The volume of water released from the Goulburn Weir and Goulburn Waranga Channel for the eastern portion of the Goulburn System amounted to 272,576 acre feet; of this quantity 103,820 acre feet, or 38·1 per cent. was delivered to irrigators.

Thus, of the total volume of water, 916,292 acre feet, released from the headworks of the Goulburn System, the volume of water delivered to the land was 361,304 acre feet, which, with the volume of 4,330 acre feet passed to the Wimmera–Mallee, represented a delivery efficiency of 39·4 per cent. from headworks to irrigators.

The heavy demand for water during the season resulted in the volume in storage being reduced to 925,330 acre feet at the end of the irrigation season. However, heavy rains experienced in April, May, and June, 1952, filled most of the storages, including the Hume and Eildon Reservoirs, and indications were that other major storages would be full for the commencement of the irrigation season 1952–53.

PRIVATE WATER USERS.

Diversion of Water.

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

Licences and Permits in force at 30th June, 1952, comprised 497 Diversion Licences for periods up to fifteen years authorizing the irrigation of 27,499 acres or diversion for stock and domestic or industrial purposes, 2,984 annual and special Permits for the irrigation of 39,561 acres, and for domestic, stock and industrial requirements. This compares with 3,325 Licences and Permits for the previous year. Details of the types of crops irrigated under Licences and Permits in operation during the year are set out in the following table :—

Season 1951–52.

—	Domestic and Stock.	Industrial.	Irrigation.						Totals.
			Vineyards.		Orchards.	Market Garden.	Tobacco.	Miscellaneous.	
			Dried Fruit.	Table and Spirit.					
Licences—									
Number in force	..	3	..	..	494				497
Area authorized to be irrigated (acres)	..	..	736	1,572	3,626	1,468	17	20,080	27,499
Permits—									
Number in force	1,198	158			1,628				2,984
Area authorized to be irrigated (acres)	..	..	570	298	1,625	2,725	467	33,876	39,561
Total area authorized to be irrigated (acres)	..	.. ..	1,306	1,870	5,251	4,193	484	53,956	67,060

An additional 85 applications for diversion licences were lodged during the year, making a total of 940 received to 30th June, 1952.

During the year the Commission negotiated for the acquisition of the storage known as Hepburn's Lagoon on Langdon's Creek (near Smeaton), a tributary of Tullaroop Creek. Constructed many years ago by the erection of an earth bank across Langdon's Creek to impound water in a wide, shallow depression, this storage originally enabled diversion of water through a millrace to provide power for flour milling. It is no longer required for this purpose and in view of the keen demand for irrigation water by landholders on Tullaroop Creek between Laanecoorie Reservoir and Carisbrook, it has been decided to utilize the water for the production of foodstuffs.

The storage has a capacity of 1,367 acre feet which, it is anticipated, will make available a quantity of 600 acre feet for delivery on to the land, and also provide a supplementary supply for the Maryborough and Carisbrook town supplies.

The financial position prevented the completion of additional weirs on the Moorabool River. Licences have been issued, however, in respect of water stored by the three weirs which had previously been completed.

ADVISORY COMMITTEES, YEAR 1951–52.

These committees, of which there are now 22, continued to fulfil their function of advising and assisting the Commission in the control and utilization of the streams concerned. Some of the committees have now been operating for nine years. Each committee functions under the Chairmanship of the Commission's Superintendent of Water Distribution.

Two new committees were formed during the year, one from water users from Merriman's Creek in Gippsland, and the other on Fifteen Mile Creek near Wangaratta.

GOULBURN DIVISION.

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

The Irrigation Districts forming the Division are Shepparton, North Shepparton, South Shepparton, Katandra, Rodney, Tongala–Stanhope, Deakin, and Rochester within the Goulburn System, and Murray Valley within the Murray System. These districts are controlled by District Engineers and District Officers stationed at Shepparton, Tatura, Tongala, Rochester, and Cobram.

The quantity of water delivered for irrigation during the year was considerably above the average. Irrigation commenced late in September following a comparatively wet winter and, except for interruptions by many showers in October, continued steadily to the following March when, as a result of the abnormally dry weather, the demand in the districts served by the Goulburn System exceeded available supplies. For a period rationing of deliveries became necessary, and the season closed on 30th April, following cold, rainy weather.

There were increases in the areas of both annual and perennial pastures under irrigation, notably in the new Murray Valley District where 18,969 acres of sub-clover and rye, 11,197 acres of lucerne, and 9,681 acres of permanent pastures were irrigated. Cereal crop irrigation, generally, was negligible, due to the wet winter and early spring rains. In Rodney District there was an appreciable increase in the area of annual pastures, but the area under lucerne decreased. At Shepparton there was an increase of 500 acres in the area of orchards irrigated, due mainly to plantings by New Australians in conjunction with their market gardening activities.

Practically all structural works on drainage and irrigation extensions ceased during the year due to the curtailment of loan funds.

On two occasions during the year the Goulburn River at Shepparton flooded to a level necessitating the operation of the Loch Garry Flood Regulator, the drop-bars of which were withdrawn and replaced in accordance with the official flood regulating procedure.

The spring and late summer rains this season caused heavy weed growth in the drainage systems. Several Tongala drains were successfully cleared by a specially-designed steel bucket, 8 feet wide, known as the "Sinclair Weed Bucket" imported from New Zealand. Used in place of the ordinary silt bucket on a $\frac{3}{8}$ cubic yard capacity dragline excavator, weed removal has exceeded a mile of drain per 40 hour week, and a total of 21 miles of drains, including 17 miles of the Deakin Main Drain, were cleared. In view of its efficiency as a weed remover, the Commission has placed orders for the supply of this type of bucket for use in other districts.

The Murray Valley Irrigation District—a comparatively new district in which channel works are now nearing completion—comprises an area of 267,310 acres of which 211,220 acres have been fully reticulated and carry a water right of 78,021 acre feet. The total length of channels now in use is $474\frac{1}{4}$ miles.

There were 262 applications from irrigators for special additional sales of water for irrigation, and these involved the delivery of 12,989 acre feet of excess water.

Special attention continues to be given to the control of leakage from isolated sections of the Murray Valley District channels. During the off-season 15 chains of banks were trenched by back-ditching excavator, the trench back-filled with clay slurry, and the banks restored to their original profile by a dozer-grader. This method has proved most effective and further works of this nature will be carried out when required.

During the year 3,075 acres (last year, 2,560 acres) of land were grid-surveyed by the Commission for district irrigators who were supplied with plans for grading, check-banking, and channelling their land for the sowing of permanent crops.

LODDON DIVISION.

The Loddon Division, covering an area of about $1\frac{1}{4}$ million acres, is situated along the Loddon River extending from Bridgewater in the south to the River Murray which, from a point about 18 miles north of Echuca to the Parish of Tyntynder north of Swan Hill, forms the northern boundary. It embraces the District centres of Boort, Pyramid Hill, Cohuna, Kerang, and Swan Hill, and comprises twelve irrigation and water supply districts, five waterworks districts, and nine urban districts or divisions controlled from these centres. The Loddon and Goulburn Systems form the source of supply for the area south of the Macorna Channel which, with other channels to the north, draws its supplies from the Torrumbarry System. All districts, with the exception of the Tresco Irrigation District and the Gredgwin section of the Normanville Waterworks District which are supplied by pumping, draw their water supplies direct from the main carrier systems by gravitation.

Useful rainfalls in the early spring affected the demand for irrigation water at the commencement of the season on the 1st September, 1951, and it was early in October before the demand for water was at all keen. Weather conditions were dry throughout summer and autumn, and water deliveries remained high. These dry conditions continued until mid-April, 1952, when substantial rainfalls and unsettled weather terminated the irrigation season.

Following the past two wet seasons, with their consequent and prolonged flood conditions, weed growth in the channels and drains has been prolific and a considerable volume of weed cutting works has been necessary during the year to maintain the required channel discharges.

In the Swan Hill district, rainfall was again abnormal with 4 inches falling during the period from July to the end of September. This was followed by extremely dry conditions with heavy water deliveries until the end of March when the advent of further wet weather brought about an early cessation of water deliveries.

Primary production in the district showed a general upward trend during the year, and the dried fruit crop, although not heavy, was above average in quality and quantity. As a result of recurring losses in the sultana crop, through frost, black spot, and thunderstorms during the picking and drying periods, there is a tendency for a gradual change-over from dried to fresh fruit and the introduction of truck lines. A further outlet for damaged vine crops has been provided by the establishment of a winery at Beverford.

In the Tresco District there were six rotational waterings during the year, and all irrigators' requirements were met.

The area of lands at Long Lake, Lake Boga, and Pental Island, which are outside the Swan Hill District and watered by pumping under "licence" and "permit" conditions, totalled 2,557 acres. Delivery of water to that portion of Pental Island commanded by gravitation from the Torrumbarry System amounted to 4,056 acre feet.

In the districts controlled from the Kerang centre, watering did not commence, due to seasonal conditions, until towards the end of September. The demand for water during summer was only moderate, but following continued dry conditions, it increased considerably in March and remained heavy until early April when the season terminated after further rainfalls.

Work continued throughout the year along the Pyramid Creek to improve the condition of this main carrier. The pontoon-mounted dragline, working downstream from above Hird's Swamp, is now operating about 9 miles below Milne's bridge. As a result of this work the water level upstream, under maximum regulated flow, has been considerably reduced, making drainage facilities available to abutting lands and enabling the recent heavy flood flows to be passed more quickly through the system.

Prolonged flooding of the Murray and Loddon Rivers through the lakes system occurred during the winter and spring. The Loddon River reached 11 ft. 11 in. on the Kerang gauge, the highest level recorded since 1933, while the Wandella Creek flowed across the Murray Valley causeway upstream of Third Lake, continuously from the middle of July to early October. The Avoca River overflowed in the vicinity of Mystic Park, covering some hundreds of acres of land, during the same period. Lake Tutchewop, which is not now used as part of the carrier system, was filled to overflowing and served to prevent further damage to surrounding lands.

The unseasonal weather conditions affected the volume of water delivered to the Cohuna District, but despite the contracted watering period, a total of 58,528 acre feet was delivered to water users within the district and a further 15,218 acre feet were taken from the system under licence and permit conditions by private diverters outside the district.

Rainfall during May and June totalled 6 inches and, following the heavy autumn watering, resulted in a considerable volume of surplus water in the area. The completed section of the drainage system satisfactorily coped with the heavy run-off, but those portions of the district where full drainage benefits are not as yet available were affected and surplus water was removed by pumping into the supply channels.

In the Boort centre the long, dry summer accentuated the demand for irrigation water in February and March, and voluntary rationing of supplies was adoped from 1st March onwards. As a result 95 per cent. of all Water Rights were delivered by the end of April with a total delivery of 14,958 acre feet for the season.

In the West Loddon and Normanville Waterworks Districts some 436 dams were filled.

Late winter rains caused the worst flooding experienced for fifteen years. Maintenance work was seriously impeded and many channels in the waterworks districts were extensively silted-up, resulting in a protracted season of dam filling.

GIPPSLAND AND SOUTHERN DIVISION.

The Gippsland and Southern Division includes the Maffra–Sale, Central Gippsland, Bacchus Marsh, and Werribee Irrigation Districts, the Heyfield Urban Division, and the Werribee Waterworks District.

Rainfall for the year was above average, and at Maffra the wettest June on record was experienced. This caused the largest recorded flood in the Macalister River since the construction of the Glenmaggie Reservoir between 1920 and 1925.

All storages supplying water to the districts of the Division were full at the commencement of the irrigation season and ample supplies were available for the full season, although, in March, Werribee Centre requirements seriously depleted Melton Reservoir. Seasonal rains late in March limited district usage and replenished storages.

In the Bacchus Marsh District the total quantity of water delivered was equal to 150 per cent. of the allotted water rights. Deliveries were made also to landholders outside the district. District efficiency was 78 per cent.

Completion of the installation of flashboards at the Bacchus Marsh Diversion Weir allowed storage at this weir to be increased to 10 acre feet.

10888/52.—2

Repair and maintenance work carried out on the high level channel which was damaged during the flooding of the Werribee River in February, 1951, caused a heavy demand on the limited labour force available for the maintenance of the channel system. Urban supplies were maintained with much difficulty owing to the precarious condition of a section of the high-level channel. Administration of the Urban Division was transferred to the Bacchus Marsh Shire Council as a local Governing Body on the 6th February, 1952.

Water deliveries in the Werribee District were equivalent to 120 per cent. of the allotted water rights and included two out-of-season runs to meet domestic and stock needs, and the requirements of market gardeners.

Further experiments were conducted with weedicides with a view to increasing efficiency of the channel system by the suppression of weed growth.

High water table in one section of the district is causing some concern and is being investigated by the Irrigation Branch.

Land values in the district maintained their high level and some transfers were negotiated for values in the vicinity of £300 per acre.

In the Maffra–Sale District total rainfall for the year was 3,334 points and the average annual rainfall over the past three years has been 3,142 points, which is 814 points in excess of the long term annual precipitation average for the district. Major flooding of the Macalister, Thomson, and Avon Rivers occurred on three occasions during the year. These floods have caused much damage to channels in Tinamba and Newry areas, and erosion on the banks of the Avon River has been severe, with some danger to supply channels. Control works are being initiated.

Deliveries of water in the district were equivalent to 114 per cent. of the allotted water rights.

A serious break in the Main Sale Channel on 26th December interrupted water supply to areas in the Bundalaguah–Sale section of the district. A channel deviation 10 chains in length was constructed and supplies were resumed on 6th January.

A large construction program involving remodelling the Tinamba channel system, and the construction of channels to supply the North Newry area has been severely curtailed due to lack of loan funds.

The Heyfield Urban Division has now been supplied for a full year by pumping from the Thomson River.

Surveys and grading layout plans were made for several irrigators during the year. Excavators have been hired to the Maffra Shire Council for river improvement work and drain construction, and to farmers in the district. Three schools in the area made use of water from the Commission's system.

In June, 1952, the Maffra–Sale Irrigation District was extended to include the Nuntin, Clydebank, North Newry, and West Boisdale areas.

WIMMERA–MALLEE DIVISION.

The Wimmera–Mallee Domestic and Stock System supplies water to the Wimmera and most of the settled Mallee, serving in all an area of almost 7,000,000 acres.

The headworks of the system, located in the vicinity of the Grampians Mountains, have a total capacity of 206,480 acre feet. Supplementary flows for Mallee districts are diverted from the Goulburn System and the Loddon River.

Water is supplied by gravitation through 6,600 miles of channels to fill farmers' tanks once each year during the winter and spring months, it being the responsibility of farmers to provide storages sufficient in size to meet their domestic and stock requirements for at least a year. Forty-five towns, with a total population of 40,000 people, are also supplied, while the total population of the area served is 80,000.

Seasonal conditions during the year were again good and, as a number of storages filled to full capacity following good rains in the catchment areas, the requirements of each district were met.

Toolondo Outlet Channel from Rocklands Reservoir.

Earthwork for the 38 miles of channel, together with road bridges, occupation, rail and stock crossings, and cross-water syphons is now practically complete and the Toolondo Outlet structure to control the ingress and egress of water at Lake Toolondo has been commenced. The Burnt Creek Channel has been remodelled to a 25-ft. bed width for a distance of $2\frac{1}{2}$ miles, but channel structures have yet to be enlarged. The cross-water syphon at Tellangatuk on the Rocklands–Bartons Channel has been completed.

Walpeup West.

This district comprises an area of 2,393 square miles and is situated between the township of Underbool and the South Australian Border.

Fifty-five bores with windmill and tank equipment are maintained in the district by the Commission.

Millewa.

A good season was experienced, both for the running of the Commission's channels and from the agricultural point of view, in this district, which is supplied by pumping from the River Murray. Reorganization of the channel system on more economic lines, which was undertaken following resubdivision of the district under the North-West Mallee Areas Act, was continued and steps are being taken to incorporate the Yelta and Carwarp Waterworks Districts with the Millewa District when subdivision of those areas is completed.

Tyntynder North.

The recently formed Tyntynder North District embraces an area of 385 square miles. Land in the area was reallocated under the North-West Mallee Areas Act and formerly comprised the Coreena District and portions of the Tyntynder and Tyrrell Districts.

A large part of the district is supplied with water from the River Murray by means of the pumping station at Robinvale. The remainder is served by the Wimmera–Mallee Domestic and Stock System.

Sand Drift.

The planting of 1,100 acres of rye corn on channel banks and areas liable to drift, together with a campaign to prevent fallowing of susceptible areas, did much to prevent sand drift during the year. Dry conditions, accompanied by strong winds, during the summer and early autumn resulted, nevertheless, in cleaning being slightly heavier than during the preceding year.

Although most of the channel cleaning is now being carried out by mechanical means, the rapidly increasing costs of horse hire and wages for scoop-men are indicative of the general trend in costs. The following table shows the cost of removal of sand from the Wimmera–Mallee domestic and stock channels. Figures for earlier years since 1928–29 are contained in previous reports.

	Financial Year.			Calendar Year.	
	Cost per Fortnight for Horse Teams.	Approximate Quantity of Sand Removed.	Amount.	Year.	Amount.
	£	cubic yards.	£		£
1945–46	42	12,297,000	322,827	1945	312,419
1946–47	43	6,954,000	187,017	1946	249,284
1947–48	46	2,440,000	70,179	1947	92,193
1948–49	64	1,540,000	61,629	1948	55,876
1949–50	68	1,187,000	52,437	1949	57,866
1950–51	84	1,159,000	60,852	1950	53,262
1951–52	96	1,348,000	80,922	1951	70,479

Irrigation Districts.

Nyah.

Six general irrigations and one special pumping for domestic and stock requirements were provided during the year.

The season was one of the best experienced in recent years. Good crops and favorable drying conditions resulted in good financial returns to growers.

Reports from packing sheds show a total yield of 2,910 tons. This figure does not include consignments of fresh fruit to markets or to distilleries for wine production. However, due to favorable drying conditions and increased prices for dried fruits, these consignments were not as heavy as in previous years.

Particulars of the six irrigations given in 1951–52 are :—

Irrigation Number.	Period.	Acre Feet Pumped.	Equivalent Average Depth per Watering.
			inches.
1	28th September, 1951, to 22nd October, 1951	2,020	8·1
2	1st November, 1951, to 18th November, 1951	1,664	6·7
3	29th November, 1951, to 17th December, 1951	1,754	7·0
4	28th December, 1951, to 16th January, 1952	1,980	7·8
5	23rd January, 1952, to 12th February, 1952	1,990	7·7
6*	16th April, 1952, to 19th April, 1952	900	7·2
	23rd April, 1952, to 30th April, 1952		
	Total, Season 1951–52	10,308	7·4

* Irrigation interrupted by rain.

Figures do not include special domestic and stock irrigation 12th to 14th March, 1952=236 acre feet.

Red Cliffs–Merbein.

Irrigation commenced on 3rd September, 1951, in Red Cliffs and on 10th September, 1951, in Merbein.

Water was made available for six irrigations in both districts. In addition there was a special frost run at Red Cliffs from 2nd to 6th October, 1951, and a special citrus run at Merbein from 5th to 12th March, 1952.

In Red Cliffs a frost run for 50 acres was included in the first irrigation, and a pre-harvest run for 945 acres was included in the fourth irrigation.

In Merbein, the first irrigation included a frost run for 7 acres, whilst a pre-harvest run for 1,704 acres was included in the fourth irrigation.

The production of dried fruits in these two districts amounted to 42,901 tons, compared with 30,943 tons in the previous year.

Particulars of the six irrigations given during 1951–52 are :—

Red Cliffs.

Irrigation Number.	Period.	Acre Feet Pumped.	Equivalent Average Depth per Watering.
			inches.
1	3rd September, 1951, to 27th September, 1951	6,266·4	7·9
2	30th October, 1951, to 30th November, 1951	9,501	10·1
3	4th December, 1951, to 31st December, 1951	8,314·4	9·1
4	8th January, 1952, to 7th February, 1952	9,090·1	9·6
5	18th March, 1952, to 10th April, 1952	6,288·1	9·1
6	29th April, 1952, to 13th May, 1952	2,566·8	6·1
	Total, Season 1951–52	42,026·8	8·6

Figures do not include special frost watering 2nd to 6th October, 1951 = 563 acres = 555 acre feet.

Merbein.

Irrigation Number.	Period.	Acre Feet Pumped.	Equivalent Average Depth per Watering.
			inches.
1	10th September, 1951, to 3rd October, 1951	5,877·9	9·6
2	31st October, 1951, to 27th November, 1951	6,617	9·6
3	5th December, 1951, to 26th December, 1951	5,851·2	8·4
4	8th January, 1952, to 3rd February, 1952	7,220·7	10·7
5	25th March, 1952, to 16th April, 1952	5,711	9·0
6*	13th May, 1952, to 16th May, 1952	505	..
	Total, Season 1951–52	31,762·8	9·5

* Irrigation abandoned owing to rain.

Figures do not include special citrus watering 5th to 12th March, 1952 = 950·5 acres = 1,208·2 acre feet.

Robinvale.

One hundred and thirty-five blocks were planted to citrus and vines in the Robinvale Soldier Settlement up to 1st January, 1952. Twenty-nine of these, bearing fruit for the third year, averaged 33·2 tons per block, twenty-four bearing for the second year averaged 30·1 tons, and thirty-two blocks bearing for the first time averaged 21·4 tons.

Several allotments in the first and second allocations produced over 40 tons of dried fruit each, while some in the third and fourth allocations produced 30 tons each.

The total tonnage of the fruit harvested was 2,300 tons from 1,275 acres.

An additional sixteen blocks have been prepared for planting in August, 1952. This will bring the total number of blocks prepared to 151 and plantings will approximate 2,500 acres of vines and 270 acres of citrus and other trees.

Extension of the pipeline system for irrigation has continued. The number of blocks completely served now total 166, including fifteen blocks yet to be allocated.

One hundred and seven houses have been completed and occupied by Soldier Settlers, and seventeen more are in the course of construction.

Dethridge meter wheels have been installed on 90 blocks.

The irrigation season commenced on 4th September, 1951, and ended on 26th April, 1952. During that period six irrigations were given, particulars of which are :—

Irrigation Number.	Period.	Acre Feet Pumped.
1	4th September, 1951, to 6th October, 1951	1,850·7
2	22nd October, 1951, to 11th November, 1951	1,625·2
3	26th November, 1951, to 14th December, 1951	1,575·5
4	27th December, 1951, to 13th January, 1952	1,436·4
5	24th January, 1952, to 11th February, 1952	1,367·3
6	15th April, 1952, to 26th April, 1952	825
	Total, Season 1951–52	8,680·1

Figures do not include special Gordo and Domestic and Stock watering 27th to 29th February, 1952 = 90·7 acre feet.

Drainage.

Red Cliffs—Merbein.

In Red Cliffs section nineteen timber-lined silt boxes were relined with pre-cast concrete slabs. In Merbein section the timbered shafts of 21 silt boxes were replaced with 24-inch diameter reinforced concrete pipes.

Nyah.

The Nyah Sub-surface Drainage System was completed during the year with the construction of a further 58 chains of drains, bringing the total length of drains constructed to 19 miles 67 chains.

MECHANICAL BRANCH.

Main Pumping Stations.

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

In addition there are several smaller pumping stations for town water supplies and for domestic and stock supplies to lands above gravitational levels in the Waterworks Districts of Long Lake, Normanville, Ouyen, Tyrrell, Tyrrell West, Western Wimmera and Wimmera United.

The Commission's policy of modernizing pumping stations to obtain greater efficiency and reliability of operation is being actively pursued. Construction and replacement works planned or in hand during the year were as follows :—

Irrigation Pumping Stations.

Red Cliffs.—Contracts have been let for complete replacement and electrification of pumping plant. This work will coincide with the establishment of a Central Generating Station by the State Electricity Commission at Red Cliffs.

Merbein.—The installation of an additional control unit to improve operating efficiency has commenced.

Robinvale.—Installation of pumping plant for the second stage of development of the Robinvale Irrigation District was completed. Tenders have been received for diesel plant required for further development.

Tresco.—Installation of new electric motor-driven pumps was completed at two Tresco West relift stations, and is in hand at Tresco West No. 1 and Tresco Relift Stations. The installation of new diesel-engine driven plant to replace steam plant at the Tresco Main Pumping Station has commenced.

Domestic and Stock Supply Pumping Stations.

Jung Dooen.—The installation of a new diesel engine to replace steam plant was completed and a new pump is on order.

Cannie Ridge.—Orders have been placed for new Diesel-engine-driven pumping plant to replace steam plant.

Millewa.—Tenders have been received and are under consideration for Diesel plant to replace steam plant at Millewa Main "A" and "B" substations.

Urban Pumping Plants.

Warrnambool.—The construction of a large booster pumping station for bulk supply to this city is well advanced.

Nyah and Wycheproof.—Additional units have been installed to improve supply to higher levels.

New electric motor-driven plant has been installed at Berriwillock, Culgoa, Nullawill, Robinvale, and Mitiamo. At Ouyen and Hopetoun, plant has been converted from D.C. to A.C. power supply and more efficient pumps have been installed.

Fuel Supply.

The complete cessation of briquette supplies, together with the poor quality and high relative cost of coal supplied to the Red Cliffs Power and Pumping Station, has resulted in a serious increase in pumping costs for the Red Cliffs–Merbein Irrigation District.

Practically all coal delivered has been of low calorific value, high ash content with variable fusing temperatures, and variable size with a large proportion of slack.

With such fuel it is impossible to operate the boiler plant at optimum efficiency, and it has frequently been necessary to use furnace oil fuel to boost output so that irrigations could proceed according to schedule.

The cost of fuel for this station is now five times the cost in 1946–47, although other costs, including wages, have risen to only two and a half times the 1946–47 level.

Supplies of firewood for the operation of other steam-engine-driven pumping stations have been variable, but there is now a general trend towards improved supplies in most districts.

Transport.

The total number of motor vehicles operated by the Commission at the end of the year was 521, including 37 cars, 264 utilities, and 220 other types, mainly heavy trucks.

The Commission-owned vehicles travelled a total distance of 4,178,000 miles during the year, whilst vehicles owned by and hired from officers and other employees of the Commission travelled 539,842 miles, the total distance travelled being 4,717,842 miles.

New vehicles delivered to the Commission during the year numbered 110 of which 88 were additions to the fleet and 22 were for replacement of worn-out vehicles.

The heavy low-loading transporters travelled 24,793 miles during the year, transporting heavy earth-moving equipment.

Central Plant Workshops, Bendigo.

The main workshop covering 34,000 square feet has been completed and this will permit considerable expansion in the work of overhauling plant items in the coming year.

Eleven houses have been erected and three more are under construction to provide accommodation for staff supervising plant operation and maintenance from the Bendigo centre.

INVESTIGATIONS AND DESIGNS BRANCH.

The Eildon Dam Section was completely transferred to Eildon during the year.

Satisfactory progress has been made with designs for the most important works, but work on many investigations remains in arrears or has been suspended indefinitely.

The most important activities were as follows :—

Big Eildon Dam.

Apart from the transfer of twelve members of the staff to the Eildon Dam Design Section, specialized assistance has again been provided in the preparation of drawings, design of soil testing and sampling equipment, and in discussions oversea with contractors for outlet works for the new dam.

Waranga Western Main Channel.

Tenders were received from Australian and oversea firms for the enlargement of the Waranga Western Main Channel between Waranga Basin and the Campaspe River to a capacity of 3,000 cusecs. Owing, however, to the curtailment of loan funds, the acceptance of a tender had to be deferred. The preparation of detailed locality plans and longitudinal sections has proceeded following the completion of field surveys which included the measurement of 1,600 cross sections of the existing channel.

East Goulburn Main Channel.

Plans were prepared for the enlargement of the first section of this channel to a capacity of 900 cusecs, and considerable field investigation of the present channel was put in hand. This channel serves the Shepparton, North Shepparton, and Katandra Districts.

Goulburn Irrigation System—General.

The comprehensive investigation of the existing system, including the collecting and collating of information concerning existing works, land tenure, soil types, and water usage, has been speeded up with the appointment of Mr. J. J. Cummins, formerly District Engineer, Rodney District, as Executive Engineer in charge of remodelling investigations. Approximately 100 base plans of the system have been prepared and distributed for use in the field, and the Valuations Branch has carried out a thorough land classification of some 300,000 acres within the existing Districts.

River Murray.

Hume Reservoir.

Investigations of the feasibility and estimated cost of increasing the capacity of Hume Reservoir from 1,250,000 acre feet to 2,500,000 acre feet were completed during the year.

Central Gippsland Irrigation Project.

Nambrok–Denison Soldier Settlement Area.

Further satisfactory progress was made in the preparation of plans of channels and structures, and 90 per cent. of the irrigation design work was completed at the close of the financial year.

Tenders were accepted for mechanically-operated crest gates from Messrs. Stahlbau Rheinhausen, West Germany, and for the numerous units of the new Southern Outlet from Messrs. Karl Puhler and Bopp and Reuther, Germany. Examination of detailed plans of these works as received from the contractor has occupied considerable time.

Maffra Weir and Main Eastern Channel.

Tenders were accepted from Messrs. Stahlbau Rheinhausen for the large steel gates and operating mechanism for the weir structure and also for the smaller sluices to be installed at the channel offtake. Arrangements were made for further test boring at the weir site and the final ground survey of the channel line is proceeding.

Thomson River Diversion.

This phase of the project, planned to utilize the waters of the Thomson River in the Nambrok–Denison Soldier Settlement and thus relieve the demands of Glenmaggie Reservoir, has been investigated further during the year. Preliminary designs and estimates of cost for a number of alternative sites, both in and downstream of the gorge, have been made.

Loddon River Development.

Cairn Curran Dam.

Further progress was made with working drawings required for construction. Tenders were accepted from Maschinenfabrik-Augsberg-Nuernberg, Germany, for the three large steel radial-type gates for the spillway and service gates for the intake tower. A tender was also accepted from Messrs. Bopp and Reuther for a 36-inch diameter needle valve for the irrigation outlet.

Tullaroop Creek Reservoir.

Work on this project was confined to a small amount of geological investigation and sub-surface exploration by drilling.

Loddon Weir.

Tenders were accepted from overseas for the manufacture and erection of steel sluices which will replace the existing drop bars and improve the reservoir regulation at this point.

Campaspe River Development.

Eppalock Reservoir Enlargement.

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

Torrumbarry System.

Macorna Channel–Pyramid Creek Flume.

Following the progressive deterioration of the timber flume which carries the waters of the Macorna Channel over the Pyramid Creek, plans were prepared for a pre-cast reinforced-concrete flume to replace the old structure. This design should serve as a standard for the later reconstruction of other timber flumes of this channel.

Torrumbarry Weir.

A preliminary investigation was made of the possibility and cost of raising the level of the Torrumbarry Weir Pool by 1 foot in connexion with proposals to divert water into New South Wales.

Torrumbarry System—Channel Investigation.

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

Murray Valley Irrigation District.

Drainage Works.

Very good progress was again made with the preparation of detailed plans, a further 18 miles of channels being designed. A total of 49 miles has now been designed ready for construction which, to this stage, will involve 970,000 cubic yards of earth work. Investigations have been continued to determine the best location for the drainage outfalls in the Barmah Forest.

Robinvale Settlement.

The preparation of plans for works of supply for the entire settlement of 166 blocks was completed together with the design of all internal farm layouts, as desired by the Soldier Settlement Commission. Compilation of final detailed feature plans of the completed blocks from title surveys and Soldier Settlement Commission records is in progress.

Mornington Peninsula System of Waterworks.

Tarago River Diversion.

Channel location between the downstream portal of the 2-mile tunnel near Jindivick and the existing Bunyip Main Race was completed.

Frankston Reservoir.

Following difficulties in maintaining the existing outlet from Frankston Reservoir, plans and estimates were prepared for the reconstruction and enlargement of the outlet, together with proposals for the raising of the existing embankment to double the capacity of the reservoir.

Bellarine System of Waterworks.

Barwon River Development.

The investigation of the water resources of the Upper Barwon River and its tributaries has been completed and a general report prepared, setting out various stages of development of available supplies for estimated demands over the next 50 years.

Further field investigations of the West Barwon Dam site and the headworks of the Wurdee Boluc Inlet Channel have been considerably delayed by continued heavy rains in the catchment above these points.

Otway System of Waterworks.

The investigation of possible methods of improving the supply in the Otway Waterworks District was continued. Preliminary designs and estimates for storages at Arkins Creek headworks were prepared, together with estimates of cost of increasing the capacity of the existing reservoirs at Camperdown, Mount Ewen, and Tank Hill.

Coliban System of Waterworks.

Malmsbury Reservoir.

Tenders were accepted from Messrs. Blakeborough and Sons, England, for the service valve, and from Messrs. Stahlbau Rheinhausen for the access steel work required for the proposed new outlet works.

River Gauging.

The total flow of the major streams for this year, shown in the following table, was 59 per cent. above the average. In all parts of the State, stream flows were considerably above average, particularly in the North-East and in Gippsland. The highest flood discharge on record occurred in June in several rivers, including the Werribee River at Melton Weir, the Thomson River at Cowwarr (35,000 cusecs.) and the Macalister River at Glenmaggie Weir (45,000 cusecs).

The following table shows the discharge of some of the principal streams during the year 1951–52, also the average annual discharge and the percentage departure from average.

Stream.	Discharge for Year 1951-52.	Average Annual Discharge Since Year Indicated.	Percentage Departure from the Average for the Year 1951–52.
	acre feet.	acre feet.	%
River Murray at Jinjellic	2,998,180	1,863,000 (1891)	+ 61
Mitta River at Tallandoon	1,685,620	1,099,000 (1887)	+ 53
Ovens River at Wangaratta	1,808,590	1,152,000 (1881)	+ 57
Broken River at Goorambat	212,000	196,300 (1887)	+ 8
Goulburn River at Eildon	2,173,000	1,380,000 (1901)	+ 50
Goulburn River at Murchison	3,348,000	2,261,000 (1882)	+ 48
Coliban River at Malmsbury	101,190	52,250 (1890)	+ 94
Loddon River at Laanecoorie	238,300	164,900 (1891)	+ 44
Little Wimmera Lake at Lake Lonsdale Reservoir.. ..	119,700	71,500 (1904)	+ 67
Thomson River at Cowwarr	640,100	436,500 (1901)	+ 47
Macalister River at Glenmaggie Weir	1,178,100	455,800 (1920)	+158

Four automatic water level recorders were installed during the year, including two of the latest long-period type on Albert and Jack Rivers in South Gippsland. One hundred and forty-nine gauging stations were in operation on 30th June, 1952.

Hydraulic Research.

Werribee Research Station.

Official Opening.—The Station was officially opened by the Premier, the Honorable J. G. B. McDonald, M.L.A., on 23rd November, 1951, in the presence of a representative gathering of heads of Government Departments and Public Authorities, engineers, and other people interested in research work.

Testing of hydraulic models continued throughout the year and several satisfactory results were obtained. Much more work could have been put in hand if adequate staff had been available for the entire period.

Tests of a model of the proposed new outlet and tunnel at Malmsbury Reservoir were satisfactorily completed, as were the tests of a full-size reinforced-concrete flap gate intended for use on drainage inlets.

Big Eildon Models.

The Big Eildon Spillway model is nearly 100 feet long, up to 10 feet wide, and could pass a discharge equivalent to 150,000 cusecs in the prototype. Tests of the proposed overfall structure at the upper end of the spillway were deferred at the request of the Eildon Design Staff to allow tests of the proposed diverging chute and dissipator basin to be made. These were satisfactorily completed and tests of the overfall structure have been resumed.

A model of the lower portion of the Big Eildon intake tower was also constructed to study flow conditions at the entrance to the shaft below the tower.

Cairn Curran Spillway Model.

Considerable modifications to the original spillway design were found to be possible as excavation at the site proceeded. These modifications were studied on a large hydraulic model and a satisfactory design was evolved.

Measurement of Irrigation Deliveries.

Completion of studies of an experimental all-metal meter wheel designed for measuring small flows has again been delayed by a lack of technical staff and the priority of more urgent work. These studies are again in hand.

SURVEY BRANCH.

The greater part of the work of the survey staff was on major projects such as the Big Eildon Reservoir, Murray Valley Irrigation Area, Nambrok–Denison and Robinvale Soldier Settlements and investigations on West Barwon River.

Three pupil surveyors trained under the Commission's staff surveyors qualified as Licensed Surveyors.

Utilization of Goulburn Waters.

Surveys in connexion with the proposed enlargement of the Waranga Western and East Goulburn Main Channels have been further advanced and a contour survey in the Tragowel Plains area is being carried out.

Tallangatta.

Subdivisional survey of the proposed new township at Bolga is now in progress.

Bellarine.

Investigation surveys have been carried out in connexion with possible storage sites on the West Barwon River and surveys in connexion with the proposed improvement to the existing Bellarine System are in hand.

Coliban.

Investigation surveys of possible storage sites near Castlemaine have been carried out.

Mornington Peninsula.

In connexion with proposed improvements to the reticulation in the District, remodelling surveys of the Bunyip Main Channel between Diamond Creek and Beaconsfield Reservoir have been completed.

CONSTRUCTION BRANCH.

During the first two months of the year, rapid progress was being made on all major works, but severe curtailment of Loan Funds then necessitated a reduction in the rate of expenditure to approximately half of that which applied during the last quarter of the financial year 1950-51. The effect of the Loan cuts was made even more serious by reason of the fact that the necessity to reduce the rate of expenditure was not known until at least two months of the financial year had passed.

In reducing labour strength on all works, endeavours were made to retain the essential elements of the comprehensive construction organizations which had been built up during the post-war years. These organizations had reached a stage where satisfactory progress was being made on all works.

During the closing months of the year it became apparent that a further severe retrenchment of personnel would be necessary because of the limited Loan Funds available for expenditure during the financial year 1952–53. During this second retrenchment the services of a considerable number of valued construction personnel were lost to the Commission.

Rocklands Reservoir.

It was anticipated that with the adequate resources of labour and plant available at the commencement of the year the dam and outlet channel would have been completed early in 1952. Limitation on the rate of expenditure which took place in September, 1951, resulted in the placing of 7,350 cubic yards of concrete in the dam, leaving approximately 1,150 cubic yards to be completed. It is now estimated that the dam and outlet channel will not be completed until early 1953. Sufficient progress was made, however, to enable the storage of almost the entire river flow during the winter and spring of 1951, resulting in a storage of 93,900 acre feet by the end of the year.

Further progress was made with the construction of the outlet channel, and some 8,200 feet of large concrete bench flume has been completed. The tunnel located 3½ miles below the dam has been concrete-lined where necessary, and the five syphons required on the first 12 miles of channel have been completed.

During July and August, 1951, 310 casual employees were engaged on these works, but this figure was reduced to approximately 120 for the remainder of the year.

Cairn Curran Reservoir.

At the commencement of the year plant and personnel were available to ensure rapid progress in the construction of the main dam. Closure of the diversion works to allow the storage of water was scheduled to take place during March, 1952, but this program had to be abandoned in September, 1951, and by November only sufficient personnel were retained to continue earth and gravel placing operations on a greatly reduced scale.

During the year the preparation of foundations for the whole dam was virtually completed with the placement of some 280,000 cubic yards of earth, gravel, and rock fill. Construction of the mass concrete abutments and wingwalls for the spillway was commenced and 4,400 cubic yards of concrete placed in position. The spillway will be controlled by three radial gates, each 27 ft. by 36 ft. 6 in.

Rock excavation of the spillway channel below the dam was also continued and some 34,000 cubic yards of material taken out.

A ready market for the sale of red gum has made it possible to dispose of a large percentage of timber from within the reservoir area, the purchasers being required to dispose of waste material. This has resulted in the clearing of much of the reservoir basin.

At the close of the year it was apparent that these works would have to be discontinued during the financial year 1952–53 because of lack of funds. Construction ceased during June, 1952, and casual labour, which had been reduced from 430 men to 90 men in November, 1951, was further reduced to less than 40 men.

Campaspe Weir.

Reconstruction of the weir, which was discontinued during 1951 following heavy floods, was resumed in February, 1952. The entire downstream face of the main weir has now been faced with concrete and the crest has been reconstructed over a steel sheet piled cut-off. Work was completed in May, 1952.

Murray Valley Irrigation District.

During the year a further 37 miles of irrigation channels were made available for use. The severe restriction of Loan Fund expenditure necessitated the concentration of all activity within the Soldier Settlement Area, and it was possible to complete channels supplying the section of the settlement which will come into production during 1952.

The clearing, grading, and sowing of pastures and lucerne for the Soldier Settlement Commission continued throughout the year, and some 3,500 acres were graded and check-banked. At the request of the Soldier Settlement Commission the area of land prepared for irrigation on each dairy block has been increased from 50 to 65 acres. During the year 68 dairy and 8 fruit blocks were completed, bringing the total number completed to 295.

At the commencement of the year the number of men employed was approximately 400, but this was reduced to an average of 235 for the latter nine months.

No. 2 Goulburn–Waranga Main Channel.

Only limited progress was made by the contractor for the earthworks of this channel during the year. In April, 1952, the Commission approved assignment of the contract to McDonald Constructions Pty. Ltd., of Canberra, but it was necessary, because of the financial position, to impose a condition that expenditure in the financial year 1952–53 would not exceed £150,000.

Completion of the channel will involve the excavation of 4½ million cubic yards of earth, of which 492,000 cubic yards were removed during the year, bringing the total excavated to 942,000 cubic yards.

The excavation of foundations and placing of concrete in the offtake structure was carried out by labour employed by the Commission. This work was discontinued in June to enable such funds as could be made available for the project to be expended on the primary contract.

East Goulburn Main Channel.

Enlargement of this channel, utilizing a 1½ cubic yard capacity dragline, had been completed for a distance of approximately 1 mile when work was suspended in June.

Tarago River Diversion Works.

The construction of an aqueduct to enable the diversion of the headwaters of the Tarago River into the existing system supplying the Mornington Peninsula was making very satisfactory progress during the months of July and August, 1951, when it was anticipated that the works would be in operation during 1953. The clearing of the aqueduct line had been completed throughout its length and earthworks along the first 3½ miles almost completed, but it then became necessary to discontinue all construction work with the exception of the driving of the 2-miles-long tunnel which forms an important feature of the project. Supply of reinforced concrete pressure pipes required for the construction of syphons was also deferred.

Tunnelling operations, which were being carried out on three shifts from both the upstream and downstream portals, were continued from the upstream portal only from December onwards. Almost one-half of the tunnel had been completed when the works were completely closed down in June. At the close of the year the only labour employed comprised the caretaking staff.

Central Gippsland Irrigation Project.

During July and August, 1951, construction of structures on distributary channels was being accelerated to allow the distribution of water to approximately 50 farms during the 1952–53 irrigation season. Following the reduction in the rate of expenditure, the labour force was reduced from approximately 410 men to 210 men. For the remainder of the year work was concentrated on the Main Southern Channel, which is now approaching completion. The 7-foot diameter reinforced-concrete syphon under the Thomson River at Heyfield, and over 1¼ miles of large reinforced-concrete flume, were completed.

Completion of structures on only 14 miles of distributary channels will mean that only one-half of the number of farms envisaged in the original program will be supplied with water in the 1952–53 irrigation season.

The Commission has undertaken the grading and sowing of an average of 60 acres of each of 161 dairy farms to be made available to ex-servicemen in the Nambrok–Denison area. This work is being carried out for the Soldier Settlement Commission, and during the year 3,557 acres were ploughed, 1,765 acres graded, and 1,418 acres sown down to lucerne and pasture.

HOUSING.

In country districts, 28 additional houses became available for the Commission's staff, and 28 other houses were under construction at 30th June, 1952. The total number of houses built or acquired by the Commission is 490.

Head Office.

Work on Carlisle House was completed and the building is now wholly occupied. The Fine Arts building adjoining was purchased by the Commission and alterations and decoration completed.

Dynon-road Storage Depot.

The perimeter fence was erected and the area is now being used for bulk storage.

EILDON BRANCH.

Big Eildon Project.

Construction of the Township and Big Eildon Dam progressed considerably during the year. The number of men employed on all phases of the project averaged 1,200, whilst the Commission's staff supervising the various contracts averaged 108. The maximum number of men employed on the project was approximately 1,700.

Township Construction.

At the beginning of the year the contractor, A. V. Jennings Construction Co. Pty. Ltd., had commenced erection of workmen's and staff hostels together with the school, administration buildings, police and fire stations, and 67 temporary homes. The building contract was terminated on 31st December, at which date all buildings commenced in the previous year had been completed, together with a new workmen's hostel and a women's hostel. Two hundred and fifty homes for married workmen were also started, but only 95 were completed prior to curtailment of the building programme.

All township building, with the exception of permanent houses, was taken over by Utah Construction Ltd., from 31st December. This included completion of a further 61 temporary homes, extensions to the workmen's hostel, and the commencement of the residential restaurant and cinema buildings.

In addition, Utah Construction Ltd. made further progress with the township road construction and water supply and sewerage installations, and sewerage treatment works were commenced.

The erection of 300 homes in the permanent residential portion of the township by the contractor, Clements Langford Pty. Ltd., was completed by April, except for maintenance of a small number of houses.

Dam Construction.

Large-scale operations carried out by Utah Construction Ltd. during the year included excavation of 2,438,000 cubic yards of stripping and common materials, together with 730,000 cubic yards of rock, from the powerhouse and outlet channel, spillway chute, and dissipator, and dam foundation areas.

Fill for the embankment has been obtained from borrow pits and from the power house and spillway excavations. Quantities placed are :—Clay, 72,000 cubic yards ; sandy loam, 115,800 cubic yards ; gravel, 69,000 cubic yards ; silurian rock, 224,300 cubic yards.

The 28-foot diameter tunnel through Mount Sugarloaf to the power house has been driven 400 feet from the downstream portal, and a total of 11,900 cubic yards of rock have been removed.

From December, grouting of the dam foundation has continued on a three-shift basis with up to three grout plants in operation at one time. Blanket grouting was discontinued after it was found to be producing only a local effect due to the high angle

of dip of the rock strata, and work was then concentrated on the two lines of curtain grouting. To the end of the year 1,800 feet of grout curtain had been completed on each line to the final depth of 150 feet, a total of 28,700 bags of cement being used.

Work on the construction of the concrete cut-off wall and grout cap in the dam foundation excavation is now well advanced. The base of the intake-tower has also been completed together with the temporary diversion tunnel from the upstream face of the old dam to the shaft beneath the intake-tower.

Other main works which were completed or are still in progress are the erection of the concrete aggregate crushing and grading plant, construction of the haul road from Robb's Hill Quarry to the dam site, deviation of Jamieson-road around the works area, and erection of the tunnel lining prefabrication and painting shop.

A testing laboratory has been established to control the quality of material placed in the embankment and the concrete used in the various structures.

During the year the Commission's sawmill was supplied with 2,366,500 super. feet of logs by the Forests Commission and other sources, and produced 1,953,800 super. feet of milled timber for use on the project.

Further heavy earth-moving equipment to arrive in the area included fifteen bottom dump Euclid trucks of 25 cubic yards capacity, two road graders, one 5½ cubic yard Manitowoc rock shovel, three 3½ cubic yard Marion rock shovels, two 2½ cubic yard Ruston Bucyrus shovels, and three H.D. 20 tractors.

Reconstruction of the road between the rail-head at Alexandra and Eildon by the Country Roads Board is now almost completed except for the erection of various culverts and bridges. A total of 12,500 tons of material and equipment was transported over this road during the year.

Design.

Personnel engaged on design work were transferred to Eildon during the year. Work carried out by the design section has included the progressive checking of designs submitted by Utah Construction Ltd. and their sub-contractors, Stahlbau Rheinhausen of Germany.

During February, a further visit was paid to Eildon by Dr. J. L. Savage who was consulted on questions concerning the grouting of the embankment foundation, trenches for the cut-off wall and grout cap, and embankment materials.

Road and Rail Deviations.

Work was commenced on the deviation of the road and railway in the Bonnie Doon area, and preliminary arrangements were made for the relocation of Bonnie Doon township.

The Country Roads Board and the Railways Department have completed surveys for road and rail deviations, and have made arrangements for the construction of road and rail bridges over Brankeet Creek. Some Shire roads in the Bonnie Doon area will also be affected and a preliminary inspection of these was made by Commission and Country Roads Board officers.

Finance.

Loan funds restrictions necessitated the termination of the building contract of A. V. Jennings Construction Co. Pty. Ltd. in December, 1951, and the construction of essential township and hostel buildings was deferred.

In May, 1952, notification that there would be a severe reduction of loan funds for the year 1952–53 to an amount less than that available for 1951–52 had further serious consequences. Utah Construction Limited, early in June, was forced to pay off 800 of their force of 1,550 personnel then employed, and to cancel many orders for materials. The result will be that the completion of the project will be seriously delayed and the total ultimate cost considerably increased.

PLANT SECTION.

The reduction in loan funds in September necessitated action to reduce the volume of plant acquisition and limit the expenditure on orders likely to be executed during the financial year. Where expedient, suppliers were requested to defer delivery on £175,000 of outstanding orders and, generally, the trade readily co-operated.

Limitation of the major works programme has made it possible for the Commission to hire plant to other Government instrumentalities and to undertake work for private individuals, under the terms of the Water Acts. Plant items made available for hire have included such items as excavators, tractors, percussion drills, concrete mixers, and heavy duty motor trucks.

TOWN WATER SUPPLIES.

Coliban System.

The main storages of the Coliban System of Waterworks, comprising the Upper Coliban, Lauriston, and Malmsbury Reservoirs, with a combined storage capacity of 56,250 acre feet, were full at the beginning of July. Consequently, it was possible to meet all the district requirements for water for domestic, stock, and irrigation purposes. Well distributed rainfall in the period ending November, 1951, kept the reservoirs full until early in that month. After the summer period ending mid-April, and which was drier than average, good rains occurred over the catchment and by the end of June, 1952, the storages were almost full again.

A record amount of revenue was received from sales of water from the channels during the year. The volume of water delivered to buyers was much greater than usual.

To reduce losses in the conveyance of water, the work of concrete lining and fluming of channels has been continued.

Site surveys for a proposed reservoir for the improvement of the water supply to the town of Castlemaine have been completed.

Mornington Peninsula District.

The growth of the Peninsula towns still continues and applications for new services numbered 1,906 as compared with 1,794 for the previous year.

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

Construction of the duplicated siphon at the Cardinia Creek, involving the laying of 0·34 miles of 30–inch diameter reinforced-concrete pipe and 2·35 miles of concrete-lined mild-steel pipe, was completed.

To meet the rapidly increasing demands of the East Frankston and the bayside towns between Frankston and Mordialloc, 2·16 miles of 18-inch diameter concrete-lined mild-steel pipe were laid in the East Frankston area.

Supply to the town of Dandenong will be improved by the installation of a new pipeline in Heatherton-road and Cleeland-street. Of the total length of 1.69 miles of pipeline required between Princes Highway and the end of the recently laid 18-inch diameter main in Gladstone-road, 1·55 miles of 12-inch diameter reinforced-concrete pipe have been laid and 0·14 miles of 15-inch diameter concrete-lined mild-steel pipe have still to be laid.

Dry conditions existed in the area during the months of December, January, and February, and in order to safeguard domestic and industrial requirements and to prevent overloading of the main pipelines it became necessary to impose restrictions on garden watering in the Waterworks District and the Dromana–Portsea, Mornington, and South Frankston Urban Districts. Such restrictions came into force on the 20th December, and were lifted on 22nd February.

Bellarine Peninsula District.

Construction of the new Ocean Grove pipeline consisting of a total length of 2·15 miles of 15-inch diameter and 12-inch diameter reinforced-concrete pipes between the offtake from the Bellarine pipeline and Ocean Grove was completed. This main will replace existing 11-inch diameter and 9-inch diameter concrete-lined mild-steel pipes.

The work of laying the 18-inch diameter concrete-lined mild-steel pipeline from the Geelong Offtake to Breakwater, a distance of 4·2 miles, was continued.

Construction of Madden's Weir on the Moorabool River including the provision of a concrete cut-off wall was completed.

Additional test holes at alternative sites were sunk in connexion with investigations being carried out to determine the best site for a dam on the West Barwon River.

The total quantity of water supplied to the Geelong Waterworks Trust during the year ending 30th June, 1951, was 1,138,632,000 gallons (4,182 acre feet), as compared with 1,121,581,000 gallons (4,119 acre feet) for the previous year.

Wimmera–Mallee.

Full supplies were delivered through the Wimmera–Mallee Domestic and Stock Water Supply System to the storages of 37 pipe reticulated townships in the Wimmera–Mallee. Water supply in these townships is under the direct control of the Commission.

In addition, bulk supplies of water were made available from the system to the city of Horsham, and the townships of Murtoa, Warracknabeal, Donald, Charlton, Underbool, St. Arnaud, Wedderburn, and Korong Vale which are controlled by local Waterworks Trusts.

The occurrence of an extended dry period over the summer months caused depletion of some urban storages and necessitated water restrictions in the urban townships of Berriwillock, Manangatang, Natimuk, Quambatook, and Waitchie.

The construction of the No. 2 storage at Meringur with a capacity of 2,880,000 gallons was completed and the Ultima and Werrimull storages were remodelled and enlarged.

Robinvale Township.

Extension of the Robinvale reticulation system has continued, and water pumped from the River Murray by means of a windmill and an auxiliary pumping plant has now been made available to a total of 89 tenements.

Otway District.

Work on the pump house at the Warrnambool Auxiliary Reservoir was continued. The fitting and laying of associated 15-inch concrete-lined steel inlet and outlet pipes has been completed. Delivery of electric motors and pumps has still to be made, but it is anticipated that the plant will be ready for operation in the 1952–53 summer.

The quantities of water available for diversion from the Arkins and First Creeks were adequate to meet all requirements throughout the district and the imposition of restrictions was not necessary during the 1951–52 summer.

The quantity of water supplied to the Warrnambool Trust for the year ended 1st November, 1951, was 307,638,000 gallons.

Wonthaggi District.

The quality of water delivered from Lance Creek Reservoir was generally satisfactory, although seasonal conditions necessitated treatment of the stored water with copper sulphate late in January. It was also found necessary to treat water in the high-level basin with alum during the year.

The supply of water was sufficient to meet the unrestricted requirements of the town during the summer months.

New Services and Installation of Water Meters in the Main Urban Division.

The table summarizes the position in regard to new services and the installation of meters in the following districts :—

District.	Number of New Services 1951–52.	Total Number of Services at 30th June, 1952.	Meters Installed during Year 1951–52.	Total Number of Meters.	Percentage of Services Metered.
Coliban	498	14,629	1,042	10,997	75
Mornington Peninsula	1,906	22,103	1,714	17,784	80
Bellarine Peninsula	238	3,420	115	2,802	82
Otway	56	2,412	50	2,271	94
Wonthaggi	21	1,607	7	83	5
Total	2,719	44,171	2,928	33,937	..

Waterworks Trusts and Local Governing Bodies.

There are now 148 local water authorities which supply water for domestic and industrial purposes in country towns throughout Victoria, operating under the general supervision of the Commission.

The programme of extension and improvement of town water supply services in country towns throughout the State, which made remarkable progress in the past five years, received a severe setback when loan expenditure was drastically curtailed in September, 1951. At that time contracts and other commitments amounted to approximately £2,000,000, and with material supplies improving rapidly, the rate of expenditure indicated that over £1,000,000 would be spent by the local water authorities during the financial year. The amount of loan money available for these works for the whole year was, however, only £700,000, and consequently it became necessary to slow down works under construction and to postpone all contracts and works not actually commenced, with the exception of reticulation extensions in new housing areas. Even where pipes and fittings had been delivered it was possible to provide funds for their installation only in a few cases of great urgency.

In June, 1952, owing to a further drastic reduction in loan funds for the ensuing year, additional action had to be taken to curtail expenditure by the suspension of contracts as well as the deferring of all new commitments.

Two new Waterworks Trusts were constituted during the year, at Lindenow and Skipton, and the Bacchus Marsh Shire Council was constituted a Local Governing Body to take over the Bacchus Marsh town supply works previously controlled by the Commission.

New Urban Districts at Marlo and Great Western were added to the Waterworks Districts administered by the Orbost Waterworks Trust and the Shire of Stawell Waterworks Trust respectively, so that reticulated supplies may be installed for these townships.

The Ballarat Water Commissioners completed the main embankment of the 3,000 million gallon White Swan Reservoir together with sufficient of the subsidiary works to bring this storage into operation.

Construction of a new town water supply works was commenced at Cowangie, Edenhope, Glenthompson, and Noojee, while supplies of piping were delivered for several additional new schemes.

The First Mildura Irrigation Trust carried out channel alterations and improvements associated with the new central pumping station project for which pumping equipment is in course of manufacture.

The Geelong Waterworks and Sewerage Trust is installing major additions to its reticulation system for the Norlane and other housing areas, and is about to commence laying 15-inch diameter pipes received for replacement of its Anakie pipeline.

The new town supply works serving the townships of Kiewa and Tangambalanga were completed and brought into operation during the year by the Kiewa Waterworks Trust.

Reticulation systems were extended and other improvement works constructed at Benalla, Colac, Euroa, Gisborne, Hamilton, Rushworth, Shepparton, Bacchus Marsh, Cobram, Donald, Horsham, Mansfield, Mildura, Moe, Morwell, and Traralgon. Revenue funds were used in many instances to avoid postponement of urgent works.

Approval was given to projects for future major improvements to the supplies at Casterton, Drouin, Healesville, Maryborough, Swan Hill, and Warragul.

FIRST MILDURA IRRIGATION TRUST.

On the 18th June, 1952, Commissioner W. B. Hawson, Chairman of the First Mildura Irrigation Trust, presented his report covering the activities of the Trust for 1951–52.

The report stated that although the start of the irrigation season was delayed by rain, no stoppages were occasioned by rain during the pumping periods. Stoppages as a result of mechanical faults at pumping stations were, however, more serious than usual because of the necessity to run the pumps almost continuously following the late start. Partial electrification of the existing steam-driven plant is now being carried out to relieve the position until new electric stations come into operation.

Four general and three special irrigations were supplied during the season. Pumping occupied 161 days and the fuel quantities consumed were 38,000 tons of firewood and 163 tons of fuel oil. A total of 48,000 acre feet of water was supplied to 67,196 acres of land during the season.

10888/52.—3

SEWERAGE AUTHORITIES.

One new Authority, the Casterton Sewerage Authority, was constituted during the year under review, making the total number of such Authorities 57.

Works are in complete or partial operation in 29 towns, but it has not yet proved practicable to commence construction of any further new town sewerage systems or even make satisfactory progress with construction of partially completed works.

Although the necessary materials are now in better supply, skilled labour and contracting organizations experienced in sewerage work are not available in this State. Moreover, the scarcity of Government funds which developed during the year, together with the restrictions on borrowing from private sources in accordance with Loan Council policy, have prevented any large-scale resumption of sewerage construction.

Many extensions to existing sewerage systems have been constructed, however, principally to serve large housing projects and new industries. Works in this category were undertaken at Ararat, Ballarat, Bendigo, Castlemaine, Echuca, Geelong, Horsham, Mildura, Morwell, Shepparton, and Wangaratta.

The only new town sewerage undertaking commenced during the post-war period, that at Moe, progressed slowly in the year under review. Contracts were let for construction of additonal portions of the sewer reticulation and outfall sewers from the Newborough area, while construction of the treatment works proceeded by day labour. It is anticipated that this project will be brought into operation in eighteen months.

At Dandenong a new pumping station and rising main have been installed to serve new industrial establishments on the south-east side of the town.

Proposed improvements to the main sewage pumping stations at Bairnsdale and Colac have been approved, and the capacity of the Warragul treatment plant is to be increased substantially.

New town sewerage projects were generally approved for Barwon Heads and Torquay, and a large number of preliminary reports on the sewering of further towns have been submitted for examination.

There are now sixteen Sewerage Authorities which have prepared detailed plans and specifications for the construction of sewerage works when the opportunity occurs, and the total estimated cost of these works awaiting to proceed is now approximately £5,000,000.

DRAINAGE AND FLOOD PROTECTION WORKS.

Koo-wee-rup and Cardinia Districts.

In the Koo-wee-rup District the construction of the large Yallock Floodway and protective embankment from Bayles to Cora Lynn has been held up owing to the difficulty experienced in obtaining supplies of bridge material to complete the large bridges at Bayles across the Main Outfall and the No. 4 Floodway. The supply position is improving, however, and resumption of earthwork operations is anticipated in the coming year.

Privately-owned suction plants operating under arrangement with the Commission have removed an additional 40,000 tons of coarse, clean sand from Koo-wee-rup Main Canal, and 3,300 tons from the Cardinia Drain. The total output of sand from the Main Canal has amounted to approximately 774,000 tons over the period since 1925.

Carrum District.

The enquiry by the Parliamentary Public Works Committee into the question of improving drainage of the low lands in the Carrum Drainage District was completed and a report presented to the Governor in Council.

Murray Levees.

During the year one application for permission to erect a levee along the River Murray for protection from flooding was investigated and dealt with by the Interstate Committee appointed for the purpose.

RIVER IMPROVEMENT.

The policy of developing river improvement through the agency of local Trusts, each controlling its own district under the general supervision of the Commission, was pursued further during the year.

Two of the three new Trusts constituted during the year were brought under the River Improvement Act by the enactment of special provision in the *Water Act* 1950. These were the long established Yatchaw Waterworks Trust, which was converted into the Yatchaw Drainage Trust on 1st July, 1950, and the Bendigo Creek Trust which was reconstituted the Bendigo Creek Improvement Trust in January, 1952. The Kiewa River Improvement Trust was constituted in the normal manner in March, 1952, and held its first meeting in June. At the end of the year there were thus eight Trusts in operation—seven river improvement and one drainage Trust.

Owing to the limited loan funds available, activities of the Trusts were considerably restricted.

Unfortunately, the work of several Trusts was hampered by the wet conditions of the autumn, culminating in the great June floods which wrecked uncompleted works in several places and caused vast damage, especially on the Snowy. In some cases the programme of works will have to be altered as a result of the experience gained during the floods.

Reports indicate, however, that even the limited amount of work the Trusts have been able to do has in general shown good results, and the Trusts are keen to continue their works programmes.

The wet conditions of the last few years have intensified the interest in river improvement and drainage in many localities. At the end of the year applications were being prepared to constitute river improvement districts on the Mitchell, Tambo, Ovens, Thomson–Macalister, Glenelg, Cann, Fitzroy, and Powlett Rivers, Broken Creek and part of Merri Creek. Districts for the Mitta, Bemm, and Barwon Rivers were under discussion.

The Interstate Departmental Committee for river improvement works, which was set up in 1949 to advise and report on matters of river improvement on the Murray and Indi Rivers, made a number of inspections where river improvement works or removal of gravel from the river bed were proposed. The Drainage Consultative Committee has examined and reported on various proposals for projects involving drainage of land. The Erosion Reference Committee has prepared recommendations as to action to be taken by the Soil Conservation Authority and this Commission respectively in cases of erosion.

Investigations into the control of willows by means of hormone preparations were continued. The tests show promise and the best method of use of the preparations is now being determined.

Tests are being continued of the "water willow" (*Dianthera Americana*) for arresting erosion along the shores of lakes and reservoirs. Trials at Lake Boga were not successful, but in the Commission's Lysterfield nursery the plants are growing well.

Rivers and Streams Fund.

This fund is formed from the licence fees paid for the use of river frontage reserves. During the year revenue amounted to £12,020. Approval was given for 65 grants to 37 authorities for works on 43 different streams.

Claims reimbursed from the fund amounted to £19,618, and the amount available for allocation was reduced from £18,103 on the 1st July, 1951, to £12,659 available on 30th June, 1952. The demand on the fund has been particularly heavy of late years, and the surplus accumulated during the war years has now vanished. Allocations from the Fund are now dependent on the revenue of the Fund, and applications will now be dealt with in an order of priority dependent upon the seriousness of the damage to be remedied and the urgency of the work.

Floods.

The year commenced with fairly general and sustained, though not serious, flooding in July; the Gippsland and North-Eastern streams being particularly affected. Rivers remained high during August, with flood conditions in the Otway, Western, and Wimmera Districts from the 19th to the 23rd of the month. Damage and loss of stock occurred along the Barwon River and people had to be evacuated from their homes at

Barwon Heads and elsewhere. Snow falls during these two months were widespread and unprecedented. September did not bring much improvement; the Murray flood reached Mildura late in the month and towards the end of the month the streams in Gippsland again rose sharply, the Cann and the Snowy causing most concern on this occasion.

Rainfall for April, May, and June was above average for nearly the whole of Victoria. Towards the end of May, Gippsland streams were in flood and heavy falls of snow remained on the highlands. Heavy rain following early in June caused Gippsland streams to swell to a critical condition which was capped by torrential rain in the Gippsland and Otway Districts on the 15th to 17th of the month. A heavy flood in the Barwon and its tributaries caused great loss, and homes and factories had to be evacuated. In Gippsland east of Traralgon, rail services were halted and many roads were impassable. The Cann and Snowy reached high levels, the Snowy being the second largest flood since records commenced in 1908.

The Macalister and Thomson Rivers had severe floods, the Thomson flood being a record, and wide areas of flats were inundated. The Avon also had a major flood, with much erosion, though the Latrobe was not so severely affected. Severe erosion occurred along Glenmaggie Creek, and the Tarra and other streams in South Gippsland were near to record flow.

Sludge Abatement Board.

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

The control exercised by the Board has greatly reduced the damage formerly done by alluvial mining, and has enabled the recovery of large quantities of gold and minerals without serious detriment to streams or marginal lands. The Commission is represented on the Board by Mr. H. G. Strom, Divisional Engineer for Rivers and Streams.

ENGINEERING RESEARCH BRANCH.

The activities of this Branch have increased considerably in respect of many of its functions, particularly the analysis of water samples and the testing of soils. There has been, however, some dimunition in the work of inspecting structural materials following limitation of the Commission's works programme.

The scheme for carrying out analyses on routine samples of water taken at regular intervals from town supplies, major storages and the principal rivers and streams has been expanded. A great deal of useful data has been recorded and is being prepared for publication.

Several officers of the Eildon Dam staff were temporarily attached to the Branch, and were trained in laboratory procedure prior to their transfer to the field laboratory at Eildon.

As circumstances have been such that Portland cement has been received in large consignments and stored for longer than normal periods, a check on any possible deterioration has been maintained by regularly sampling and testing the stored cement.

Investigation and research have been continued into the use of fly-ash as a concrete admixture, jointing compounds in concrete expansion joints, the suitability of various aggregates for concrete construction, protective treatment and coatings for steel and iron surfaces, and the shear characteristics of various soil types.

Summary.

Routine Laboratory Tests.

Portland Cement.	Tons.
Victorian production	768
Imported	7,818
Total	8,586

In addition many samples of cement representing an unspecified tonnage were tested for other departmental bodies.

The number of concrete specimens tested totalled 484.

Outdoor Testing of Materials.

Item Tested.	Quantity in Lineal Feet.
Asbestos cement pipes	268,563
Cement concrete pipes	58,770
Steel cement lined pipes	13,590
Total	340,923

These pipes were of various diameters up to 60 inches in the case of concrete and 30 inches in steel. A variety of other items tested included sluice valves, cast-iron pipes, and water meters.

Inspection of Materials Supplied by Contractors.

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

These items included some 20,000 cast-iron pieces or assemblies such as Gibault joints, tapping saddles, bends, tees, reducers, and other pipe fittings, valve covers, fire plugs, and covers. In addition, sluice valve lifting gears, steel forms for concrete construction, structural steels, and timbers were inspected.

Water Purification and Analysis.

The number of water samples received and examined during the year was as follows :—

For general analysis	590
For microscopical examination	130

Many of the samples were of routine character in conformity with the system of periodically sampling rivers and streams, reservoirs, and storages, and urban supplies (including many waterworks trusts' supplies) throughout the State. Samples examined for specific purposes represented potential water supplies, wells, and bores, or, in certain instances, land or industrial drainage effluents.

Analyses made during the year were reported in terms of " parts per 100,000 " as previously, but this practice was discontinued at the end of the year, and in future, results of analyses will be expressed in " parts per million " in conformity with overseas practice.

In some cases it was found that the quality of water in certain supplies could be improved by chemical treatment, and the appropriate recommendations were made.

Soil Mechanics.

Three hundred and ninety-three samples of soil were received during the year and tested to determine the particle size distribution, density *in situ*, optimum density, consolidation shearing resistance, and permeability.

The major portion of the year's work has been the continuation of testing of samples from the proposed Tullaroop Creek Reservoir Site, the West Barwon Reservoir Site, and the testing of samples in connexion with the proposed enlargement of reservoirs at Frankston and Wurdee Boluc.

Tests have also been made of the permeability of sands and gravels from Cairn Curran Reservoir, the effect of use of Bentonite in eliminating leakage tendency from a reservoir at Speed, and samples of soil from proposed drainage wells at Robinvale.

Visitors to the Laboratory included 26 engineers attending the First Australia-New Zealand Conference on Soil Mechanics and Foundation Engineering. Mr. Turnbull, the officer in charge of the Soil Mechanics section, presented a paper entitled " Shear Resistance of Soils " at a session of this Conference.

VALUATIONS BRANCH.

Valuations for Land Compensation.

General.

In all, 46 cases throughout the whole of the State, with claims amounting to £253,067, have been successfully completed by agreement to pay £204,168.

Eildon Reservoir Enlargement.

The first Notices to Treat for acquisition of lands to be submerged by Big Eildon were served in the early months of 1952.

In some instances, the area of the property remaining above Full Supply Level is so situated as to make the provision of road access difficult and uneconomic, or is of such reduced area as to render it incapable of being worked as a unit. In these cases, the Commission has expressed its willingness to consider purchase of the whole of the property.

Tallangatta Township.

Negotiations for the purchase of properties at the request of owners have been continued in those cases where the Commission has agreed to this course instead of reinstatement in the new town.

Valuations for Rating.

In the interval between 1st July and 30th September, 1951, valuation returns were submitted to the Commission for those nine districts which had not been revalued since 1938. This completed the task, commenced in 1945, of revaluing each of the Commission's Irrigation and Water Supply or Waterworks Districts.

The effect of the rise in land values from 1949 to 1951, commencing with the lifting of controls, was not reflected in those valuations returned before the middle of 1950. Subsequent valuations gave effect to this rise.

In all cases, unimproved capital value has been assessed in addition to net annual value.

Details of rating valuations for Irrigation and Water Supply Districts and Waterworks Districts are given in Appendices " J " and " K."

Supplementary Valuations.

Eight hundred and twenty Supplementary Valuations were carried out during the year, 400 in Irrigation Districts, 390 in Waterworks Districts, and 30 in the Koo-wee-rup Flood Protection District.

District Valuation Appeals.

Twenty-three protests against Rating Valuations were lodged, but only four of these were pursued to the stage of notice of appeal to a Court of Petty Sessions. Each appeal was withdrawn after discussion with the appellant.

Land Classification Survey.

In connexion with the allocation of the additional water which will become available on the completion of Big Eildon, three Staff Valuers have been carrying out a survey of the Irrigation Districts concerned so that the areas of land considered unsuitable for irrigation can be defined.

Of the total area of 1,256,395 acres to be covered, the survey of 334,000 acres has been completed to 30th June, 1952.

Staff.

The successes of Cadet Valuers at the November, 1951, examinations (1st year subjects) of the Commonwealth Institute of Valuers' 1st year, is a satisfying outcome of the Commission's policy of training these cadets, whose experience is now such as to enable them to carry out many phases of the Branch's valuation activities on their own responsibility.

During the year, one Valuer retired because of ill health, while one Cadet Valuer resigned.

TECHNICAL LIBRARY.

The Technical Library established at the Commission's Head Office continued to expand during the year. Accessions now total 5,800 and the number of periodicals received regularly and circulated to the Commission's officers has increased to 290.

University students and other members of the public have again used the Library extensively.

Publications.

The demand from all sections of the public for the Commission booklets, pamphlets and other publications has continued and in some cases it has been necessary to restrict distribution to libraries only.

PART III.—RATING AND FINANCE.

VALUATIONS, RATES, IRRIGATION CHARGES AND FLOOD PROTECTION CHARGES.

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

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

In Waterworks Districts, no increases were made in the rates levied for the year, but the minimum rates were increased.

As compared with the previous year the rates made and levied in nineteen urban districts were increased. In twenty urban districts the minimum amount of rate for land on which there is a building was increased.

The rate and charge in two of the four Flood Protection Districts were increased on those of the previous year. No alteration was made in the drainage rates in Irrigation Districts where drainage facilities have been provided.

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

IRRIGATION AND WATER SUPPLY DISTRICTS.

Districts Supplied with Water for Domestic and Ordinary Use and for Watering Cattle or Other Stock.	Area of District in Acres.	Area Classified as Irrigable in Acres.	Water Rights Apportioned (including Extra Rights) in Acre Feet.	Unimproved Capital Value.	Annual Value of Lands and Tenements.	Rate in the £1 made during Year ended 30th June, 1952.							Compulsory Irrigation Charge per Acre foot of Water Right, Season 1951–52.	Number of Assessments.	Estimated Number of Persons Dwelling in District.
						General Rate.			Drainage Rate.						
					Valuation by Commission.	Divisions.			Divisions.						
						1st.	2nd.	3rd.	1st	2nd.	3rd.	4th.			
Supplied from Goulburn System.				£	£	*s. d.*	*s. d.*	*s. d.*	*s. d.*	*s. d.*	*s. d.*	*s. d.*	*s. d.*		
1. Boort	80,235	56,730	11,340	500,502	29,520	1 0	..	..	..	..	..	..	10 6	293	527
2. Calivil	61,134	32,527	6,505	290,057	17,695	1 0	0 6	..	..	..	..	..	10 6	211	436
3. Deakin	160,879	21,202	5,698	418,636	51,840	1 8	0 10	0 5	2 0	1 6	1 0	0 6	10 0	516	1,430
4. Dingee	8,826	4,447	4,447	53,516	3,892	1 0	..	..	2 0	1 6	1 0	0 6	10 6	87	197
5. Katandra	13,979	11,197	7,335	119,429	9,788	1 0	..	..	2 0	1 6	1 0	0 6	10 6	150	464
6. North Shepparton	124,223	61,448	13,200	936,878	56,947	1 0	0 6	0 3	2 0	1 6	1 0	0 6	10 6	520	1,006
7. Rochester	182,006	56,995	57,466	1,529,642	105,632	1 0	0 6	0 3	1 4	1 0	0 8	0 4	10 0	1,008	2,886
8. Rodney	272,619	190,301	60,920	2,249,151	177,355	1 0	0 6	..	2 0	1 6	1 0	0 6	10 0	1,991	5,500
9. Shepparton	24,310	21,226	21,228	501,473	52,561	1 0	..	..	2 0	1 6	1 0	0 6	10 0	700	2,711
10. South Shepparton	33,713	17,920	4,404	258,884	15,951	1 0	0 6	..	..	..	..	..	10 0	150	373
11. Tongala–Stanhope	76,135	47,622	48,048	410,051	68,650	1 0	..	..	2 0	1 6	1 0	0 6	10 0	1,083	3,231
12. Tragowel Plains	218,516	148,870	31,214	890,787	58,645	1 0	0 6	..	2 0	1 6	1 0	0 6	10 6	675	996
Totals	1,256,575	670,485	271,805	8,159,006	648,476	..	..	..	..	..	..	..	..	7,384	19,757
Supplied from Yarrawonga Weir.															
13. Murray Valley	267,310	165,483	78,023	1,639,119	134,435	1 0	..	..	..	..	..	..	11 0	1,150	3,200
Supplied from Torrumbarry System.															
14. Cohuna	85,779	44,687	49,312	1,028,584	78,710	1 0	0 6	..	2 0	1 6	1 0	0 6	10 0	689	1,708
15. Fish Point	6,327	3,756	1,845	28,761	2,148	1 0	..	..	..	..	..	..	10 0	38	65
16. Kerang	88,570	55,436	21,407	450,997	32,600	1 0	0 6	0 3	2 0	1 6	1 0	0 6	10 0	452	711
17. Koondrook	88,180	24,572	24,622	689,509	53,730	1 0	0 6	0 3	2 0	1 6	1 0	0 6	10 0	507	1,128
18. Mystic Park	19,274	7,805	2,677	47,222	4,913	1 0	..	..	..	..	..	..	10 0	84	127
19. Swan Hill	37,171	22,257	25,875	347,397	60,767	1 0	..	..	2 0	..	..	..	10 0	786	2,450
20. Third Lake	11,483	3,771	2,513	27,982	2,478	1 0	0 6	..	..	..	..	..	10 0	65	75
Totals	336,784	162,284	128,251	2,620,452	235,346	..	..	..	..	..	..	..	..	2,621	6,264

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

Districts Supplied with Water for Domestic and Ordinary Use and for Watering Cattle or Other Stock.	Area of District in Acres.	Area Classified as Irrigable in Acres.	Water Rights Apportioned (including Extra Rights) in Acre Feet.	Unimproved Capital Value.	Annual Value of Lands and Tenements.	Rate in the £1 made during Year ended 30th June, 1952.							Compulsory Irrigation Charge per Acre foot of Water Right, Season 1951–52.	Number of Assessments.	Estimated Number of Persons Dwelling in District.
						General Rate.			Drainage Rate.						
					Valuation by Commission.	Divisions.			Divisions.						
						1st	2nd.	3rd.	1st.	2nd.	3rd.	4th.			
Supplied from Southern State Works.				£	£	*s. d.*	*s. d.*	*s. d.*	*s. d.*	*s. d.*	*s. d.*	*s. d.*	*s. d.*		
21. Bacchus Marsh	6,754	3,310	3,311	252,710	17,148	1 0	0 6	..	..	..	..	..	28 0	267	668
22. Maffra–Sale	54,333	23,306	23,322	100,542	87,809	1 0	0 6	0 3	2 0	1 6	1 0	0 6	15 6	527	2,224
23. Werribee	9,702	8,146	8,147	297,001	35,058	1 0	0 6	..	0 8	0 6	0 4	..	17 0	285	1,777
Totals	70,789	34,762	34,780	650,253	140,015	..	..	..	..	..	..	..	..	1,079	4,669
Supplied direct from River Murray.													For each $2\frac{1}{2}$ acre feet		
24. Nyah	3,842	2,635	7,158	52,252	13,576	0 6	..	..	1 6	1 $1\frac{1}{2}$	0 9	0 $4\frac{1}{2}$	112 6	249	920
25. Red Cliffs–Merbein ..	41,512	18,939	57,675	950,985	222,943	0 6	..	0 $1\frac{1}{2}$	1 6	1 $1\frac{1}{2}$	0 9	..	For each 3 acre feet 138 0	1,507	5,360
26. Robinvale	5,400	4,112	..	60,492	..	0 3	..	..	..	..	..	..	Charge per acre foot (Sales) 45 0	73	764
Totals	50,754	25,686	64,833	1,063,729	236,519	..	..	..	..	..	..	..	..	1,829	7,044
Supplied on a Sale of Water Basis.													Unit charge per acre foot for water supplied as sales		
27. Campaspe	19,725	..	..	153,662	9,005	2 0	1 0	..	..	..	..	..	10 0	146	104
28. Tresco	4,700	2,000	..	26,059	6,727	2 6	1 3	..	..	..	..	..	45 0	297	330
Totals	24,425	2,000	..	179,721	15,732	..	..	..	..	..	..	..	..	443	434
Totals (Irrigation) ..	2,006,637	1,060,700	577,692	14,312,280	1,410,523	..	..	..	..	..	..	..	..	14,506	41,048

VALUATIONS, RATES, AND FLOOD PROTECTION CHARGES.

Districts supplied with Water for Domestic and Ordinary use and for Watering Cattle or other Stock.	Unimproved Capital Value.	Annual Value of Lands and Tenements.	Rate in the £1 made during Year ended 30th June, 1952.			Minimum Amount of Rate per 640 Acres on Lands in the First Division.	Number of Assessments.	Estimated Number of Persons Dwelling in District.
			Valuation by Commission.	Divisions.				
				1st.	2nd.	3rd.		
	£	£	s. d.	s. d.	s. d.	£ s. d.		
WATERWORKS DISTRICT.								
Supplied from Wimmera-Mallee System.								
29. Birchip	701,378	44,544	2 6	1 3	0 7½	13 6 8	481	850
30. Hindmarsh	139,980	8,719	2 6	..	0 7½	13 6 8	51	244
31. Karkarooc	680,892	130,236	3 0	1 6	0 9	13 6 8	1,314	4,500
32. Long Lake	640,678	76,677	3 4	1 8	0 10	13 6 8	828	2,100
33. Ouyen	337,558	45,421	3 4	1 8	0 10	13 6 8	868	2,000
34. Sea Lake	362,784	69,020	3 4	..	0 10	13 6 8	713	1,770
35. Tyntynder	305,724	39,861	3 4	1 8	0 10	13 6 8	1,031	1,900
36. Tyrrell	256,577	43,181	3 4	1 8	0 10	13 6 8	869	2,400
37. Tyrrell West	161,355	24,909	3 4	1 8	0 10	13 6 8	556	1,000
38. Upper Western Wimmera	448,655	64,496	1 8	..	0 5	13 6 8	501	1,692
39. Upper Wimmera United	893,041	115,916	1 8	..	0 5	13 6 8	829	2,320
40. Western Wimmera	5,054,489	287,645	1 6	0 9	0 4½	..	2,041	8,524
41. Wimmera United	7,102,357	353,647	1 1	0 6½	0 3¼	..	2,166	7,145
42. Wycheproof	1,292,634	87,071	2 6	1 3	0 7½	13 6 8	1,053	2,450
43. Wychitella	787,823	44,682	2 1	1 0½	0 6¼	13 6 8	483	507
Totals	19,165,925	1,436,025	..	..	..	..	13,784	39,402
Supplied direct from River Murray.								
44. Carwarp	19,752	4,301	3 4	1 8	0 10	11 10 0	174	98
45. Carwarp Central	2,550	666	3 4	1 8	..	11 10 0	22	32
46. Millewa	73,738	22,331	3 4	..	0 10	11 10 0	209	631
47. Tyntynder North	121,222	16,747	3 4	..	0 10	11 10 0	397	400
48. Yelta	19,885	2,589	3 4	..	..	11 10 0	60	31
Totals	237,147	46,634	..	..	..	..	862	1,192
Supplied by Bores.								
49. Walpeup West	983,445	57,876	1 0	0 6	..	6 13 4 1st Div., and 3 6 8 2nd Div.	1,077	1,750
Supplied from Coliban System.								
50. Axe Creek	18,035	1,911	2 0	..	..	..	61	250
51. Harcourt	62,469	9,370	1 6	..	..	..	206	600
Totals	80,504	11,281	..	..	..	..	267	850
Miscellaneous.								
52. East Loddon	303,465	19,224	1 0	0 6	0 3	..	265	190
53. Kerang North-West Lakes	89,532	8,895	0 8	..	..	..	201	208
54. Loddon	505,649	29,690	1 4	0 8	0 4	..	308	293
55. Normanville	833,828	48,905	2 0	1 0	0 6	13 6 8	364	403
56. Werribee	73,885	5,893	2 0	..	..	..	63	123
57. West Loddon	707,830	41,016	1 0	0 6	0 3	..	307	398
Totals	2,514,189	153,623	..	..	..	..	1,508	1,615
Totals (Waterworks)	22,981,210	1,705,429	..	..	..	..	17,498	44,809

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, 1952.	Minimum Amount of Rate for Lands on which there is a Building.	Minimum Amount of Rate for Lands on which there is no Building.	Water Charge per 1,000 Gallons.	Number of Assessments.	Estimated Number of Persons Dwelling in District.
URBAN DISTRICTS AND DIVISIONS.							
	Municipal Valuation.				Rate Allowance. Excess.		
Supplied from Bellarine Peninsula System.	£	s. d.	s. d.	s. d.	s. d. s. d.		
58. ANGLESEA	7,996	2 4	50 0	10 0	1 3 1 3	460	350
59. BARWON HEADS AND OCEAN GROVE	23,549	2 0	40 0	10 0	1 3 1 3	1,069	1,750
60. BIRREGURRA	3,931	2 4	50 0	10 0	1 3 1 3	161	460
61. DRYSDALE	4,320	2 4	50 0	10 0	1 3 1 3	162	520
62. PORTARLINGTON	6,258	2 4	50 0	10 0	1 3 1 3	322	730
63. QUEENSCLIFF AND POINT LONSDALE	41,389	2 0	40 0	10 0	1 3 1 3	925	3,300
64. TORQUAY	14,682	2 4	50 0	10 0	1 3 1 3	598	750
Totals	102,125	..	..	..	.. ..	3,697	7,860
Supplied from Mornington Peninsula System.							
65. BERWICK	12,128	1 5	30 0	10 0	1 3 1 3	333	1,023
66. BITTERN	724	2 2	50 0	10 0	1 3 1 3	69	110
67. BUNYIP	4,991	1 8	40 0	10 0	1 3 1 3	177	483
68. CHELSEA–FRANKSTON	405,610	1 4	30 0	10 0	1 3 1 3	8,347	23,600
69. CRANBOURNE	5,374	1 4	30 0	10 0	1 3 1 3	173	412
70. CRIB POINT	5,217	2 2	50 0	10 0	1 3 1 3	334	680
71. DANDENONG–SPRINGVALE	273,853	1 3	30 0	10 0	1 3 1 3	6,194	12,967
72. DROMANA–PORTSEA	124,930	2 2	50 0	10 0	1 3 1 3	3,860	5,000
73. GARFIELD	3,958	1 8	40 0	10 0	1 3 1 3	106	332
74. HASTINGS	5,657	2 2	50 0	10 0	1 3 1 3	215	620
75. LONGWARRY	4,777	1 8	40 0	10 0	1 3 1 3	130	353
76. MORNINGTON	79,295	1 4	30 0	10 0	1 3 1 3	1,745	3,700
77. PAKENHAM	11,559	1 8	40 0	10 0	1 3 1 3	261	894
78. SOMERVILLE	4,069	2 2	50 0	10 0	1 3 1 3	107	370
79. SOUTH FRANKSTON	48,481	1 6	40 0	10 0	1 3 1 3	612	1,792
Totals	990,623	..	..	..	.. ..	22,663	52,336
Supplied from Otway System.							
80. ALLANSFORD	2,910	2 6	50 0	10 0	1 3 1 3	91	300
81. CAMPERDOWN	48,330	2 6	50 0	10 0	1 3 1 3	1,040	3,000
82. COBDEN	12,178	2 6	50 0	10 0	1 3 1 3	356	900
83. TERANG	35,931	2 6	50 0	10 0	1 3 1 3	761	2,150
Totals	99,349	..	..	..	.. ..	2,248	6,350
Supplied from Wimmera-Mallee System.							
84. ANTWERP	195	3 6	70 0	10 0	1 4 1 4	23	48
85. BERRIWILLOCK	1,236	3 6	70 0	10 0	1 3 1 3	59	190
86. BEULAH	3,591	2 0	40 0	10 0	1 3 1 3	199	390
87. BIRCHIP	8,150	3 4	70 0	10 0	1 3 1 3	295	820
88. BRIM	1,502	3 6	70 0	10 0	1 3 1 3	91	220
89. CHILLINGOLLAH	239	3 6	70 0	10 0	1 4 1 4	30	30
90. CHINKAPOOK	567	3 6	70 0	10 0	1 4 1 4	34	100
91. CULGOA	1,028	3 6	70 0	10 0	1 3 1 3	39	175
92. DIMBOOLA	20,800	1 4	30 0	10 0	1 3 1 3	662	1,828
93. DOOEN	274	1 4	30 0	10 0	1 3 1 3	6	24
94. HOPETOUN	8,002	2 0	40 0	10 0	1 3 1 3	287	775
95. JEPARIT	9,444	1 5	30 0	10 0	1 3 1 3	296	894
96. JUNG JUNG	1,125	3 6	70 0	10 0	1 3 1 3	43	170
Carried forward	56,153	..	..	..	.. ..	2,064	5,664

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

URBAN DISTRICTS AND DIVISIONS—*continued.*

Districts Supplied with Water for Domestic and Ordinary Use from Pipe Reticulations.	Annual Value of Lands and Tenements.	Rate in the £1 made during Year ended 30th June, 1952.	Minimum Amount of Rate for Lands on which there is a Building.	Minimum Amount of Rate for Lands on which there is no Building.	Water Charge per 1,000 Gallons.	Number of Assessments.	Estimated Number of Persons Dwelling in District.
	Municipal Valuation.				Rate Allowance.	Excess.	
Supplied from Wimmera-Mallee System—continued.							
		s. d.	*s. d.*	*s. d.*	*s. d.*	*s. d.*	
Brought forward	56,153	..	..	..	..	..	2,064	5,664
97. LALBERT	659	3 6	70 0	10 0	1 3	1 3	53	130
98. LASCELLES	840	3 6	70 0	10 0	1 3	1 3	73	153
99. MANANGATANG	2,913	3 6	70 0	10 0	1 4	1 4	122	310
100. MARNOO	1,616	2 4	50 0	10 0	1 3	1 3	49	300
101. MINYIP	6,389	3 0	60 0	10 0	1 3	1 3	265	740
102. NANDALY	339	3 6	70 0	10 0	1 4	1 4	37	100
103. NATIMUK	3,749	1 6	30 0	10 0	1 3	1 3	176	558
104. NULLAWIL	659	3 6	70 0	10 0	1 4	1 4	36	100
105. OUYEN	13,698	3 0	60 0	10 0	1 4	1 4	402	1,000
106. PATCHEWOLLOCK	854	3 0	60 0	10 0	1 4	1 4	66	150
107. PIMPINIO	403	0 4	..	..	..	..	28	68
108. QUAMBATOOK	2,699	2 2	50 0	10 0	1 3	1 3	143	470
109. RAINBOW	9,216	1 4	30 0	10 0	1 3	1 3	302	720
110. RUPANYUP	5,816	3 0	60 0	10 0	1 3	1 3	213	720
111. SEA LAKE	7,058	2 0	40 0	10 0	1 3	1 3	254	750
112. SPEED	495	3 6	70 0	10 0	1 4	1 4	22	88
113. TEMPY	287	2 6	50 0	10 0	1 4	1 4	32	105
114. ULTIMA	2,217	3 6	120 0	10 0	1 3	1 3	150	260
115. WAITCHIE	155	3 6	70 0	10 0	1 4	1 4	32	20
116. WALPEUP	955	3 6	130 0	10 0	1 4	1 4	59	140
117. WATCHEM	2,170	3 6	70 0	10 0	1 3	1 3	105	220
118. WOOMELANG	2,300	2 4	50 0	10 0	1 3	1 3	125	320
119. WOORINEN	1,716	3 6	70 0	10 0	1 3	1 3	72	260
120. WYCHEPROOF	6,522	3 0	60 0	10 0	1 3	1 3	231	760
121. YAAPEET	312	3 6	70 0	10 0	1 4	1 4	28	60
Totals	130,190	..	..	..	..	..	5,139	14,166
Supplied from Torumbarry System.								
122. COHUNA	16,953	1 4	30 0	10 0	1 3	1 3	476	1,209
123. KOONDROOK	3,742	3 6	70 0	10 0	1 3	1 3	193	564
124. LEITCHVILLE	3,146	3 6	70 0	10 0	1 3	1 3	109	252
125. MURRABIT	507	3 6	70 0	10 0	1 4	1 4	28	67
Totals	24,348	..	..	..	..	..	806	2,092
Supplied direct from River Murray.								
126. CARWARP	95	3 6	70 0	10 0	1 4	1 4	15	31
127. LAKE BOGA	3,260	3 6	70 0	10 0	1 3	1 3	185	430
128. MERBEIN	17,967	1 10	40 0	10 0	1 3	1 3	474	1,510
129. MERINGUR	282	3 6	100 0	10 0	1 8	1 8	26	72
130. NYAH	1,749	2 6	50 0	10 0	1 3	1 3	76	190
131. NYAH WEST	6,630	1 10	40 0	10 0	1 3	1 3	182	450
132. PIANGIL	1,105	3 6	70 0	10 0	1 3	1 3	88	130
133. RED CLIFFS	29,215	1 8	40 0	10 0	1 3	1 3	573	2,045
134. ROBINVALE	5,143	3 6	70 0	10 0	1 4	1 4	113	286
135. WERRIMUL	1,028	3 6	100 0	10 0	1 8	1 8	61	128
Totals	66,474	..	..	..	..	..	1,793	5,272
Miscellaneous.								
136. BACCHUS MARSH	26,948	1 0	20 0	10 0	1 0	1 0	723	2,015
137. COROP	140	3 6	70 0	10 0	1 3	1 3	19	61
138. DINGEE	346	3 6	70 0	10 0	1 3	1 3	22	52
139. HEYFIELD	10,562	3 0	60 0	10 0	1 3	1 3	284	1,250
140. LOCKINGTON	4,145	2 0	40 0	10 0	1 3	1 3	97	236
141. MACORNA	400	3 6	135 0	10 0	1 4	1 4	33	46
142. MARONG	1,051	3 6	70 0	10 0	1 3	1 3	50	200
143. MITIAMO	822	3 6	130 0	10 0	1 3	1 3	51	129
144. NEWSTEAD	4,497	3 6	70 0	10 0	1 3	1 3	166	400
Carried forward	48,911	..	..	..	..	..	1,445	4,389

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, 1952.	Minimum Amount of Rate for Lands on which there is a Building.	Minimum Amount of Rate for Lands on which there is no Building.	Water Charge per 1,000 Gallons.	Number of Assessments.	Estimated Number of Persons Dwelling in District.
URBAN DISTRICTS AND DIVISIONS—*continued.*							
	Municipal Valuation.				Rate Allowance.	Excess.	
Miscellaneous—continued.	£	*s. d.*	*s. d.*	*s. d.*	*s. d.*	*s. d.*	
Brought forward	48,911	..	..	..	..	..	1,445	4,389
145. PYRAMID HILL	4,630	2 0	40 0	10 0	1 3	1 3	170	564
146. STANHOPE	2,880	1 8	40 0	10 0	1 3	1 3	80	399
147. TALLYGAROOPNA	900	3 6	100 0	10 0	1 3	1 3	40	97
148. WONTHAGGI	62,994	1 6	30 0	10 0	1 3	1 3	1,859	5,500
Totals	120,315	..	..	..	..	..	3,594	10,949
COLIBAN SYSTEM.							
	Municipal Valuation.				Rate Allowance.	Excess.	
	£	*s. d.*	*s. d.*	*s. d.*	*s. d.*	*s. d.*	
149. COLIBAN	582,474	1 6	20 0	10 0	1 3	1 3	15,603	62,450
Includes Bendigo, Castlemaine, Eaglehawk, Maldon, Barker's Creek, Campbell's Creek, Chewton, Elphinstone, Epsom, Ascot, Fryerstown, Guildford, Harcourt, Huntly, Kangaroo Flat, Myer's Flat, Raywood, Sebastian, Spring Gully, Taradale, and Yapeen. See under Waterworks Districts for Axe Creek and Harcourt rural supplies and under Urban Districts for Marong.								
Totals (Urban)	2,115,898	..	..	..	..	..	55,544	161,475

District.	Unimproved Capital Value.	Rate in the £1 made during Year ended 30th June, 1952.				Number of Assessments.	Estimated Number of Persons Dwelling in District.
DRAINAGE DISTRICT.		Divisions.					
		1st.	2nd.	3rd.	4th.		
	£	*s. d.*	*s. d.*	*s. d.*	*s. d.*		
150. CARRUM	831,772	0 4	0 3	0 2	0 1	4,985	5,100
		(with a minimum amount of rate of 2s. per tenement)					

District.	Annual Value of Lands and Tenements.	Rate in the £1 made during Year ended 30th June, 1952.				Number of Assessments.	Estimated Number of Persons Dwelling in District.
FLOOD PROTECTION DISTRICTS.							
	Valuation by Commission.	Divisions.					
		1st.	2nd.	3rd.	4th.		
	£	*s. d.*	*s. d.*	*s. d.*	*s. d.*		
151. LOWER KOO-WEE-RUP	70,043	4 0	3 0	2 0	1 0	1,086	3,000
	Area in Acres.	Charge per Acre made during Year ended 30th June, 1952.					
		s. d.	*s. d.*	*s. d.*	*s. d.*		
152. CARDINIA	26,664	6 4	4 9	3 2	1 7	291	800
153. KANYAPELLA	12,650	0 3	..	0 1½	..	45	67
154. LOCH GARRY	41,687	0 2	..	..	..	114	190
Totals (Flood Protection) ..	81,001	..	..	..	..	1,536	4,057

MISCELLANEOUS WATER CHARGES.

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

For Irrigation Supplies to lands in the Western Wimmera and Wimmera United Waterworks Districts the charge for water is 15s. per acre foot with minimum annual payments for each and every holding. The minimum annual payment for any one holding in the Western Wimmera Waterworks District is either, £2 10s. 0d. per annum where the area irrigated is not greater than 3⅓ acres or, 15s. per acre per annum where the area irrigated exceeds 3⅓ acres. In the Wimmera United Waterworks District the minimum annual payment for any one holding is 15s. per acre per annum for the area irrigated.

For Domestic and Stock Supplies from the Commission's pipe lines to properties outside proclaimed Urban Districts the charges are in accordance with the Commission's By-law No. 4699 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 3	50 0
Mornington Peninsula	1 3	50 0
Otway	1 3	50 0

FINANCE

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

REVENUE.

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

Year.	Water Rates and Charges, Diversion and Grazing Fees, &c.	Recoup on Account of Payments from Revenue.	Interest on (*a*) Lands Sold, (*b*) Plant and Machinery Account.	Total.
	£	£	£	£
1949–50.. ..	1,038,695	394,866	(*a*) 7 (*b*) 25,367	1,458,935
1950–51.. ..	1,064,120	527,963	(*b*) 41,241	1,633,324
1951–52.. ..	1,240,684	631,126	(*a*) 29 (*b*) 47,244	1,919,083
Grand Totals ..	3,343,499	1,553,955	(*a*) 36 (*b*) 113,852	5,011,342

The assessment for the year 1951–52 for rates and charges was £919,998 ; additional amounts collectable for sales of water, interest on arrears, &c., but excluding recoups (£631,126) were £365,482. The actual sum collected by way of rates and charges including arrears was £1,240,684, and represents an equivalent of 96·5 per cent. of the new money collectable (£1,285,480).

An amount of £16,240 was written off the books of the Commission for the financial year 1951–52, as compared with £28,895 for the previous year. The total amount written off for the sixteen years ended 30th June, 1952, under the various headings as shown hereunder, was £689,936.

	£
Farmers' Debts Adjustment Act 1935 (No. 4326)	87,102
Adjustment of arrears of rates and charges and irrecoverable amounts—Act No. 4513 ..	171,641
Remission of Interest accrued on arrears to 30th June, 1940—Act No. 4740	81,517
Reduction in rating classifications (Waterworks Districts) and of water right—Act No. 5017	8,530
Unoccupied or vacated Crown lands	214,371
Reduction in rating classifications other than applicable to Act No. 5017	13,157
Concessions granted to water-users	46,835
North-West Mallee Settlement Areas Act 1948, No. 5321	17,639
Miscellaneous, including remission of interest accrued on Consolidated Arrears (Act No. 4740) subsequent to 30th June, 1940	49,144
	689,936

Subject to the provisions of the Water Act No. 4740, arrears of rates and charges totalling £437,635, as at 30th June, 1940, were consolidated, and are payable by instalments over periods up to twenty years from and inclusive of 1st January, 1941. The balance of instalments remaining as at 30th June, 1952, was £38,345. These consolidated arrears are not subject to interest conditionally upon the instalment being paid on the due date each year ; however, interest accrued to 30th June, 1952, through default in payment of instalments, amounted to £3,101.

The arrears of rates and charges increased from £206,837 as at 1st July, 1951, to £235,305 as at 30th June, 1952—this figure includes the balance £38,345 plus accrued interest, of arrears consolidated under Act No. 4740, mentioned in the preceding paragraph.

EXPENDITURE.

The expenditure for the year on maintenance, water distribution, and management, and the comparative figures for 1950–51 are set out hereunder :—

	1951–52.	1950–51.
	£	£
From Annual Vote Appropriation..	*2,266,608	1,784,266
From Annual Vote Appropriation (Exceptional)	†26,387	22,716
From Surplus Revenue, Act No. 4968	..	733
	2,292,995	1,807,715

* Includes £354,755 for recoup works, and also £231,067 for administration (including salaries, pay-roll tax, &c.) in respect of expenditure from other funds, charged to vote and recouped to Consolidated Revenue.

† Consists of £8,140 assistance to Sewerage Authorities where works are suspended; £13,850 subsidies to Sewerage Authorities in cases where the interest paid on Capital Liability is in excess of 3 per cent.; £586 subsidies to local water authorities to offset losses in reduction of rates; £1,927 transfer of assets of Bacchus Marsh Urban Division to Bacchus Marsh Local Governing Body as directed by Order in Council; expenditure involved in connexion with purchase of hospital and buildings at Barooga, N.S.W., £1,884.

Total expenditure on works carried out or supervised by the Commission for the year 1951–52 was as set out hereunder :—

	£	£
Vote Funds	2,292,995	
Special Appropriation	9,848	
		2,302,843
Ordinary Loan Funds—		
Commission Works	9,657,511	
Contribution to River Murray Commission Works	85,000	
Waterworks Trusts and Local Governing Bodies	836,502	
River Improvement Trusts	31,290	
Latrobe Valley Drainage	9,369	
		10,619,672
Water Supply Works Depreciation Fund		55,488
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.		12,978,003
Expenditure on Capital construction works was provided from :—		
Water Supply Loans Application Act No. 5485		2,858,570
Water Supply Loans Application Act No. 5589		7,757,102
Treasurer's Advance		4,000
		10,619,672
In addition, the Capital Loan Liability of the State for works of country Water Supply was increased as a result of loan conversion operations during the year, by an amount of		36,690
The total increase in Loan Liability for the year was therefore		10,656,362

The contribution by the Government of Victoria to the River Murray Commission for the maintenance of works under the River Murray Agreement was £32,675 (included in the expenditure from Annual Vote Appropriation as shown above). The actual expenditure by this Commission on the maintenance of these works was £17,621, and on construction of new works £32,449.

CAPITAL LIABILITY.

The Capital Loan Liability of the State for Works of Country Water Supply at 30th June, 1952, was £56,649,417, of which amount £50,133,099 is charged to the "Capital Expenditure borne by the State Account." Of the remainder £3,473,620 is charged to Waterworks Trusts and Local Governing Bodies, £15,538 to River Improvement Trusts, £9,369 is charged to Latrobe Valley drainage under the general supervision of the Commission, £1,576,577 is debited to the Plant and Machinery Account, and the balance, £1,441,214, represents the Capital Liability, after adjustment, debited to Districts and Divisions directly under the control of the Commission and to Plant workshops. These figures are exclusive of an equity of £4,846,166 in the National Debt Sinking Fund.

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

average rate of interest per centum (as determined by the Treasury) payable by the State of Victoria on securities in respect of Water Supply Loan Liabilities as at the thirtieth day of June in the preceding financial year. The average rates per centum of interest so determined are respectively for 1950–51, £3 5s. 7d., and for 1951–52, £3 4s. 3d.

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

	£	s.	d.
Interest	1,725,822	13	10
Exchange on overseas interest	118,464	10	8
Loan Conversion expenses	1,755	17	9
	1,846,043	2	3

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

The following statement shows the approximate interest payment for 1951–52 in relation to the Capital Liability.

Capital Debited to—	Capital Liability as at 30th June, 1952.	Interest Liability (excluding Exchange and Loan Conversion Expenses).	Interest Paid by Water Users (including Arrears).
	£	£	£
Districts and Divisions under the direct control of the Commission	1,441,214	47,547	22,053
Waterworks Trusts, Local Governing Bodies and River Improvement Trusts, and Latrobe Valley drainage	3,498,527	110,011	111,058
Plant and Machinery Account	1,576,577	47,245	47,245
Capital Expenditure borne by the State Development Account	50,133,099	1,521,020	..
	56,649,417	1,725,823	180,356

ONCOST.

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

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

DEPRECIATION.

The amount at credit of the Water Supply Works Depreciation Account in the Commission's books at 1st July, 1951, was £597,867 11s. 3d. An amount of £90,572 6s. 3d. was raised during the financial year 1951–52 for purposes of depreciation. In addition, a special contribution of £2,500 was appropriated to the Account from revenue of previous years.

A further sum of £724 8s. 7d. was paid direct to the credit of the Fund, being amounts contributed by land holders and other bodies as capitalized maintenance of water supply works constructed for their respective benefits.

After crediting the Account with interest amounting to £15,200 12s. 4d. and deducting the expenditure (£55,487 14s. 10d.) from Depreciation for the year, and allowing for an amount of £1,433 15s. being the balance at credit of Bacchus Marsh Urban Division transferred to Bacchus Marsh Local Governing Body, the balance remaining in the Account as at 30th June, 1952, was £649,443 8s. 7d.

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

No transfer from the Commission's revenue to the Water Supply Works Depreciation Fund in the Treasury has been made since the year 1947–48. The difference between the credit to the Depreciation Fund and the amounts credited to the Depreciation Account in the Commission's books now totals £416,378 (representing depreciation £381,318 and interest not yet credited £35,060). It is desirable that transfers to the Fund be made annually to avoid fluctuations in the Commission's net revenue, and to provide for heavy commitments against the Depreciation Fund.

Details of the Water Supply Works Depreciation Account are set out on pages 92, 93, 94 of this Report.

PLANT AND MACHINERY ACCOUNT AND STORES SUSPENSE ACCOUNT.

The capital liability for large-size moveable Plant and Machinery, held in the Plant and Machinery Account as at 30th June, 1952, was £1,576,577 4s. 11d. (This amount is exclusive of Plant in use on Major Construction Works.)

Items of plant and machinery controlled in the Plant and Machinery Account are hired to the respective works on which they are engaged at rates sufficient to provide interest and redemption on the capital cost of the plant, a reserve fund for major overhauls and depreciation adequate to renew the plant when it has reached the end of its useful life. The operating account is in credit to the extent of £67,043 0s. 7d.

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 £444,799 16s. 9d. as at 30th June, 1952.

The amount at debit of the Water Supply Stores Suspense Account as at 30th June, 1952, was £972,117 14s. 7d.—whereas the book value of stores and equipment controlled within the Account was £1,039,160 15s. 2d. The difference, £67,043 0s. 7d., represents the amount at credit of the operating account (also controlled within the Stores Suspense Account), in respect to major items of plant recorded in Plant and Machinery Account.

The net debit for plant and material held by the Commission as at 30th June, 1952, is £3,715,267 12s., and is controlled within funds provided from the following sources :—

	£ s. d.	£ s. d.
Water Supply Stores Suspense Account (Act No. 5253)		972,117 14 7
Water Supply Loans Application Acts—		
Rocklands Reservoir (Suspense Account)	277,799 0 0	
Glenelg River Works (Suspense Account)	17,684 0 0	
Big Eildon Dam (Suspense Account)	198,194 4 0	
Cairn Curran Reservoir (Suspense Account)	144,198 9 7	
Central Gippsland Irrigation Project (Suspense Account)	190,054 6 11	
Robinvale Irrigation District (Suspense Account)	13,382 11 6	
Murray Valley Irrigation District (Suspense Account)	85,752 19 6	
Goulburn-Waranga Channel Duplication (Suspense Account)	28,927 0 0	
Tarago Tunnel Project (Suspense Account)	210,580 1 0	
		1,166,572 12 6
Plant and Machinery Account (Act No. 4761)		1,576,577 4 11
		3,715,267 12 0

REVENUE EXPENDITURE CHARGEABLE TO THE STATE ACCOUNT.

The Commission, by direction of the Governor in Council, has throughout 1951–52 continued the operation of 4 Irrigation Districts, 19 Waterworks Districts, 47 Urban Districts, and 6 Urban Divisions in respect of which Districts and Divisions the works would not produce sufficient revenue to cover the expenses of maintenance and management Section 6 of the *Water Act* 1937 (No. 4513) provides that the annual amount of the loss resulting from the maintenance and management of such works shall be transferred in the books of the Commission to the "Revenue Expenditure chargeable to the State Account". The amount so transferred for 1951–52 was £277,406, making a total of £2,394,968 borne by the State since 1st July, 1938.

In eleven of these districts an aggregate cash surplus of revenue over expenditure of £4,370 was obtained. This amount was applied to Interest (£456), Redemption (£83), and Depreciation (£1,239), leaving a sum of £2,592 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, 1951–52.

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

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

"Paying" Districts.

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

The aggregate financial transactions for the year 1951–52, however, in respect of the districts listed hereunder, resulted in an excess of expenditure over revenue to the extent of £266,143. This is due mainly to increased operating costs.

Irrigation and Water Supply Districts (24).

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

Waterworks Districts (14).

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

Urban Divisions and Districts (39).

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

* Bacchus Marsh Urban Division transferred on 5th February, 1952, to Bacchus Marsh Local Governing Body.

Drainage District (1).

Carrum

"Non-paying" Districts.

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

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

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

Irrigation and Water Supply Districts (4).

Fish Point	*Nyah	Red Cliffs–Merbein	Tresco

Waterworks Districts (19).

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

Urban Divisions and Districts (53).

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

In districts marked "*" the operations for 1951–52 resulted in an aggregate cash surplus of £4,370. Of this amount, a sum of £1,778 has been applied to depreciation account redemption and interest.

	£
The amount debited to "The Revenue Expenditure chargeable to the the State Account" in respect of Districts maintained during 1951–52 by direction of the Governor in Council, in which the Revenue was insufficient to meet operating costs, was	277,406

National Services.

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

	£
The Total Cost of Services of a National Character administered by the Commission during 1951–52, and paid from the Commission's Vote Appropriation was	727,418
This amount may be offset by miscellaneous revenue collected in respect to diversion permits, rents, recoup payments, &c.	696,338
	31,080

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

Net Cost to State.

It is indicated in the Auditor-General's Report for 1951–52 that the net cost to the State for the year in connexion with country water supply which has been met from general revenue was £2,118,132. This figure includes the cost of the service referred to earlier. The equivalent figure stated annually is often incorrectly quoted as a "loss" in respect of country water supply, whereas the only amount which, on the existing basis of rates and charges, might be correctly regarded as a cash "loss" is the amount of £540,957 being the net deficiency (£274,815) on Districts in which the revenue was insufficient to meet expenses, the operations of which, as already intimated, were continued by direction of the Governor in Council plus a loss of £266,142 on other Commission Districts.

A summary of the total cost (£2,118,132) to the State for the year is set out hereunder—a more detailed analysis is set out on page 58 of this Report.

	£	£
Net loss on Commission Districts	266,142	
Net loss on "Order in Council" Districts	274,815	
		540,957
Cost of "National Services"	727,418	
Less Miscellaneous Revenue Collected	696,338	
		31,080
		572,037
Interest, Exchange, and Loan Conversion Expenses on Headworks and Capital borne by the State	1,641,240	
Less Interest on Land sold £29		
Less Interest paid by Waterworks Trusts in excess of amounts charged 1951–52 1,047		
	1,076	
		1,640,164
		2,212,201
Less amount paid to Revenue in respect of Depreciation (£92,572) and Redemption (£1,497)		94,069
		2,118,132

The net cost to the State (£2,118,132) was £476,676 more than the comparable figure for the previous year. The increased cost is accounted for by increases of £485,280 and £259,110 in Operating Expenses and Interest Charges respectively, whilst Irrigation Charges were £84,086 more than in the year 1951–52. Rating assessments increased by £40,687, water sales by £48,681, and receipts on account of recoupable expenditure and administration in respect of expenditure from other funds by £95,105. The balance is accounted for by miscellaneous items of increased expenditure.

Provision exists for the transfer of Capital from the "Capital Expenditure borne by the State Account" to the direct liability of water-users as the respective districts develop. Accordingly Capital Liability totalling £302,821 was transferred from Capital Expenditure borne by the State Account to the direct Liability of water-users within the Mornington Peninsula System during 1951–52.

However, as on the present basis of rates and charges and increasing operating costs, the revenue from other water users is insufficient to meet the full cost of maintenance and management, it has not been possible to make any other transfer of capital during recent years.

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

It is inevitable, therefore, notwithstanding increasing development, that the cost to the State will tend to increase in future years. The amount (£2,118,132) borne by the community for the year 1951–52 is equivalent to £1 0s. 1d. per head of the whole population, and represents the contributions of the individual citizens towards the indirect benefits derived from the State enterprise of Country Water Supply.

FINANCIAL STATEMENTS

RESULTS OF OPERATIONS IN DISTRICTS UNDER CONTROL OF COMMISSION.

Disbursements, 1951–52.

—	Operating Expenses.	Interest on Capital Allotted.	Depreciation Paid by Districts.		Redemption Paid by Districts.	Total Disbursements.
			On Works.	On Buildings.		
	£ s. d.	£ s. d.	£ s. d.	£ s. d.	£ s. d.	£ s. d.
Central Plant Workshops—Bendigo	39,777 16 7	529 1 10	970 0 0	275 0 0	..	41,551 18 5
Coliban Works	106,709 6 2	9,611 17 8	7,755 0 0	590 0 0	..	124,666 3 10
Irrigation Districts	832,303 7 2	..	40,960 0 0	6,609 0 0	..	879,872 7 2
Irrigation Urban Divisions ..	15,189 1 10*	487 4 0	908 6 3	..	21 14 7	16,606 6 8
Waterworks Districts	128,133 6 6	8,613 14 11	13,170 0 0	2,049 0 0	232 3 6	452,198 4 11
Waterworks Urban Districts ..	147,712 16 3	28,305 6 11	18,531 0 0	610 0 0	1,242 17 7	196,435 0 9
Flood Protection Districts ..	21,036 8 5	..	..	89 0 0	..	21,125 8 5
Carrum Drainage District ..	5,941 10 9	..	..	23 0 0	..	5,964 10 9
	1,596,803 13 8	47,547 5 4	82,297 6 3	10,275 0 0	1,496 15 8	1,738,420 0 11
Expenditure not chargeable to Districts—River Murray Commission, Recoupable and other items	696,191 9 2	..	..	..	..	696,191 9 2
	2,292,995 2 10	47,547 5 4	82,297 6 3	10,275 0 0	1,496 15 8†	2,434,611 10 1

* Inclusive of Excess Assets over Liabilities transferred to Bacchus Marsh Local Governing Body.
† Exclusive of Redemption paid in respect of Plant and Machinery Account.

Receipts, 1951–52.

—	Total Receipts.	Less Transfer to Depreciation Fund.	Total Collections Paid to Consolidated Revenue.	Excess.	
				Receipts over Disbursements.	Disbursements over Receipts.
	£ s. d.	£ s. d.	£ s. d.	£ s. d.	£ s. d.
Central Plant Workshops—Bendigo ..	23,472 2 4	..	23,472 2 4	..	18,079 16 1
Coliban Works	85,405 0 10	..	85,405 0 10	..	39,261 3 0
Irrigation Districts	645,647 0 11	..	645,647 0 11	..	234,225 6 3
Irrigation Urban Divisions ..	12,352 0 4	..	12,352 0 4	..	4,254 6 4
Waterworks Districts	226,918 16 7	..	226,918 16 7	..	225,279 8 4
Waterworks Urban Districts ..	180,368 17 11	..	180,368 17 11	..	16,066 2 10
Flood Protection Districts ..	17,046 4 4	..	17,046 4 4	..	4,079 4 1
Carrum Drainage District ..	6,252 12 9	..	6,252 12 9	288 2 0	..
	1,197,462 16 0	..	1,197,462 16 0	288 2 0	521,245 6 11
Recoups of amount paid from Revenue ..	606,755 4 2	..	606,755 4 2	..	89,436 5 0
Diversions and Miscellaneous	67,592 1 8	..	67,592 1 8	67,592 1 8	..
	1,871,810 1 10	..	1,871,810 1 10	67,880 3 8	630,681 11 11

SUMMARY OF OPERATIONS FOR YEAR 1951–52.

Receipts.	£ s. d.	*Expenditure.*	£ s. d.	(Result.) £ s. d.
COMMISSION DISTRICTS.				
Rates and Charges	1,197,462 16 0	Vote Funds	1,596,803 13 8	
less Depreciation Transfer	..			
	1,197,462 16 0	Interest charged on Capital borne by Districts	47,547 5 4	
Deficiency	446,888 3 0			*Dr.* 446,888 3 0
	1,644,350 19 0		1,644,350 19 0	
OTHER WORKS AND SERVICES.				
Diversions, Grazing Rentals, &c.				
Permits and Licence Fees and Charges, Grazing Rentals, &c.	67,592 1 8	Surplus	67,592 1 8	*Cr.* 67,592 1 8
	67,592 1 8		67,592 1 8	
Construction, Administration and Works for Other Authorities, and Water Users.				
On-cost received	283,870 1 6	Administration	231,067 6 10	
Recoups of Expenditure	322,635 2 8	Expenditure Recoupable ..	334,755 7 6	
		Surplus	40,682 9 10	*Cr.* 40,682 9 10
	606,505 1 2		606,505 4 2	
River Murray, Sewerage, and Miscellaneous National Services.				
Recoup of Expenditure	250 0 0	Commissioners' Salaries ..	7,000 0 0	
Grants to Sewerage Authorities	21,990 4 8	River Murray, Sewerage, and Trusts	55,251 1 8	
		Miscellaneous National Services	75,117 13 2	
		Pensions and Gratuities ..	24,226 0 0	
Deficiency	139,354 10 2			*Dr.* 139,354 10 2
	161,594 14 10		161,594 14 10	
Net Cost to the State for Services of a National Character				*Dr.* 477,968 1 8
Capital Charges.				
Interest Paid by Trusts	111,058 1 2	Interest, Exchange, and Loan Conversion Expenses ..	1,846,043 2 3	
„ from Plant Hire, &c.	47,274 3 11			
„ charged to Commission Districts ..	47,547 5 4			
Deficiency	1,640,163 11 10			*Dr.*1,640,163 11 10
	1,846,043 2 3		1,846,043 2 3	
Total Expenditure Borne by the State				2,118,131 13 6

ANALYSIS OF EXPENDITURE BORNE BY THE STATE, 1951–52.

	£ s. d.	£ s. d.
Services of a National Character—		
River Murray Commission's Contributions by State of Victoria in accordance with the provisions of the River Murray Waters Acts	.. ..	32,675 0 0
Assistance to Sewerage Authorities—		
Where suspension of Works is being continued	8,140 0 0	
In cases where the Interest paid on Capital Liability is in excess of the rate 3 per cent.	13,850 4 8	
		21,990 4 8
Subsidies to Waterworks Trusts and Local Governing Bodies to enable a reduction of 33⅓ per cent. to be made in Water Rates	.. ..	585 17 0
Payment to First Mildura Irrigation Trust consistent with reduction in Rates in Pumping Districts in Irrigation Areas controlled by the Commission	.. ..	15,000 0 0
Expenditure involved in connexion with purchase of R.A.A.F. Hospital and Buildings at Barooga, N.S.W.	.. ..	1,883 13 1
Miscellaneous Services—		
Administration Waterworks Trusts and Sewerage Authorities, &c.	9,843 14 2	
Administration Farm Water Supplies (Act No. 5020)	1,518 9 5	
Irrigation Branch	5,323 5 11	
Travelling, Minister and Commissioners	2,190 13 5	
Minister's staff, salaries and Pay-Roll Tax, Commissioners' Cost of Living Allowances and Pay-Roll Tax	3,016 11 7	
Free Water for Research, Free Places Melbourne University, Library, Publicity, &c.	9,854 4 7	
Rivers and Reclamation Division, River Gaugings, Diversions, Land Leasing, Surveys and Reports, Underground Water and Mining Investigations, Hydraulic Research	26,487 1 0	
		58,234 0 1
Administration in respect to Expenditure from other Funds and Works carried out for other Authorities (including Salaries, Pay-Roll Tax, &c.)	.. ..	231,067 6 10
Works carried out for Other Authorities and Water Users, and Salaries charged to construction Projects, Recoupable	.. ..	334,755 7 6
TOTAL (from Vote Funds)	.. ..	696,191 9 2
Commissioner's Salaries (Special appropriation)	.. ..	7,000 0 0
TOTAL Expenditure on Services of a National Character	.. ..	703,191 9 2
Amount debited by Treasury for Pensions and Gratuities	.. ..	24,226 0 0
		727,417 9 2
Less Revenue received from Headworks, Diversion Permits, &c., £67,592 1s. 8d.; On-cost of Expenditure from Other Funds, £283,870 1s. 6d.; Recoups, £322,635 2s. 8d.	674,097 5 10	
,, Special Recoup, Commissioner's Salaries	250 0 0	
,, Grants by State, Assistance to Sewerage Authorities	21,990 4 8	
		696,337 10 6
Net cost to the State for Services of a National Character	.. ..	31,079 18 8
Interest on Capital Expenditure on Headworks and other Capital Expenditure borne by the State	1,521,019 12 6	
Exchange on Overseas Interest Payments	118,464 10 8	
Loan Conversion Expenses	1,755 17 9	
	1,641,240 0 11	
Less Interest paid by Waterworks Trusts in excess of amount charged 1951–52 £1,047 0 0		
,, Interest on Lands Sold £29 9 1	1,076 9 1	
		1,640,163 11 10
Commission Districts—		
Districts, the Capital Liability of which have been adjusted under Acts Nos. 4513 and 5017—		
Excess Expenditure over Revenue, after allowing for Depreciation, £58,258 6s. 3d., and Redemption, £1,413 18s.	228,949 19 2	
Current Interest—		
Paid £21,596 16 3		
Forward Unpaid £15,595 15 7		
	37,192 11 10	
	266,142 11 0	
Districts supplied by direction of Governor in Council, but which show excess Revenue over Operating Costs after allowing for Depreciation, £1,239 6s. 3d., and Redemption, £82 17s. 8d.—		
Surplus £3,047 19 3		
Less Current Interest Paid £456 4 8		
	Cr. 2,591 14 7	
	Dr. 263,550 16 5	
Excess Expenditure in Districts supplied by direction of Governor in Council and showing excess Expenditure over Revenue inclusive of Interest, £9,898 8s. 10d., and Depreciation, £33,074 13s. 9d.	277,406 8 6	
	540,957 4 11	
Add amounts transferred to Water Supply Works Depreciation Fund in Treasury on Account of moneys paid to Revenue and interest credited to Depreciation Account	..	
	540,957 4 11	
Deduct amounts paid to Revenue in respect of Depreciation on Works and Buildings, £92,572 6s. 3d., and Redemption, £1,196 15s. 8d.	94,069 1 11	
		446,888 3 0
Net Expenditure borne by the State	.. ..	2,118,131 13 6

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

CAPITAL EXPENDITURE 1951-52.

	£ s. d.	£ s. d.	£ s. d.
Expenditure during the year on Capital Works of Water Supply—			
Ordinary Loan Funds (Details, pages 96, 97, 98)			10,619,672 2 5

LOAN CAPITAL LIABILITY.

Net Loan Liability of State for Works of Country Water Supply at 30th June, 1952			52,394,220 0 10
Represented by—			
Works at Debit of Authorities—			
Commission Districts	1,423,215 19 0		
Water Supply Plant and Machinery Account	1,576,577 4 11		
Plant Workshops	17,998 2 7		
Waterworks Trusts and Local Governing Bodies	3,473,619 10 2		
River Improvement Trusts	15,538 5 8		
Latrobe Valley Drainage	9,369 3 10		
		6,516,318 6 2	
Capital Expenditure Borne by the State—			
Headworks not apportionable to Districts	1,255,549 4 4		
Capital Works and Charges not apportionable to Districts	3,813,743 5 6		
Headworks and Distributary Works	42,186,131 14 0		
Waterworks Trusts and Local Governing Bodies	2,735,318 6 5		
Free Grants to Local Authorities in early years	142,356 4 11		
		50,133,098 15 2	
Net Loan Capital Liability of Commission's Districts, Divisions, and Works under Control of the Commission		56,649,417 1 4	
Less Amount from National Debt Sinking Fund, being the difference between redemption recoup contributions paid by Districts, Waterworks Trusts, &c. (£590,969 14s. 3d.) and the amount (£4,846,166 14s. 9d.) contributed from Consolidated Revenue to the National Debt Sinking Fund (page 107)		4,255,197 0 6	
		52,394,220 0 10	
Add Cash on Hand at Treasury			
Net Liability Country Water Supply Capital Account in Treasury			52,394,220 0 10

INTEREST AND EXCHANGE.

The Total Interest on the Loan Liability for 1951-52 is			1,725,822 13 10
To which is to be added—			
Exchange payable on Overseas Interest			118,464 10 8
Loan Conversion Expenses			1,755 17 9
			1,846,043 2 3
Interest Debitable to—			
Works at Debit of Authorities—			
Commission Districts	47,547 5 4		
Trusts	110,011 1 2		
Water Supply Plant and Machinery Account	47,244 14 10		
			204,803 1 4
Capital Expenditure Borne by the State—			
Capital Works and Charges	115,707 10 7		
State Works of Water Supply	38,092 17 8		
Headworks and Distributory Works not debited to Districts	1,279,911 12 8		
Waterworks Trusts and Local Governing Bodies	82,988 11 0		
Free Grants to Local Authorities in early years	4,319 0 7		
			1,521,019 12
			1,725,822 13 10
Exchange, £118,464 10s. 8d. and Loan Conversion Expenses, £1,755 17s. 9d. not apportioned			120,220 8 5
			1,846,043 2 3

RECEIPTS AND DISBURSEMENTS.

STATEMENT of Moneys Received and Disbursed during the Year Ended 30th June, 1952.

Works.	Receipts.			Disbursements from Annual Vote and (*a*) Special Appropriation (Exclusive of Interest Redemption and Depreciation Charges.)
	Total.	Paid to Depreciation Fund.	Paid to Consolidated Revenue.	
	£ s. d.	£ s. d.	£ s. d.	£ s. d.
Commission's Districts—				
Central Plant Workshops, Bendigo	23,472 2 4	..	23,472 2 4	39,777 16 7
Coliban Works	85,405 0 10	..	85,405 0 10	106,709 6 2
Irrigation Districts	645,647 0 11	..	645,647 0 11	832,303 7 2
Irrigation Urban Divisions	12,352 0 4	..	12,352 0 4	15,189 1 10
Waterworks Districts	226,918 16 7	..	226,918 16 7	428,133 6 6
Waterworks Urban Districts	180,368 17 11	..	180,368 17 11	147,712 16 3
Flood Protection Districts	17,046 4 4	..	17,046 4 4	21,036 8 5
Carrum Drainage District	6,252 12 9	..	6,252 12 9	5,941 10 9
	1,197,462 16 0	..	1,197,462 16 0	1,596,803 13 8
Other works and services (not directly apportionable to Districts)—				
Diversions—				
Rivers and Streams	16,015 1 10	..	16,015 1 10	..
Headworks	4,905 7 1	..	4,905 7 1	..
Miscellaneous, Grazing Rentals, &c.	46,671 12 9	..	46,671 12 9	..
	67,592 1 8	..	67,592 1 8	..
Barooga Hospital and Buildings	..	..	..	1,883 13 1
River Murray Commission	..	..	..	32,675 0 0
Assistance to Sewerage Authorities	..	..	..	21,990 4 8
Assistance to Waterworks Trusts	..	..	..	585 17 0
Miscellaneous National Services	..	..	..	73,234 0 1
Expenditure Recoupable	322,635 2 8	..	322,635 2 8	334,755 7 6
Administration in respect of Expenditure from other funds (including Salaries, Pay-roll Tax, &c.) ..	283,870 1 6	..	283,870 1 6	231,067 6 10
Total—Other Works and Services	606,505 4 2	..	606,505 4 2	696,191 9 2
Total—Vote and Surplus Revenue	1,871,560 1 10	..	1,871,560 1 10	2,292,995 2 10
Commissioner's Salaries (Special Appropriation) ..	250 0 0	..	250 0 0	(*a*) 7,000 0 0
Grand Totals	1,871,810 1 10	..	1,871,810 1 10	2,299,995 2 10

Total Disbursements from Vote, Surplus Revenue and special Appropriation	..	2,299,995 2 10
Net Receipts paid to Consolidated Revenue	1,871,810 1 10	..
Grants from Revenue—		
To Assist Sewerage Authorities	21,990 4 8	..
		1,893,800 6 6
Deficiency from Commission's Operations	..	406,194 16 4
Amount not included in above Statement—		
Debits by Treasury for Pensions and Gratuities	24,226 0 0	
Interest Paid :—By Waterworks Trusts and Local Governing Bodies, £111,058 1s. 2d.: Plant and Machinery Account, &c., £47,244 14s. 10d.: and on Land Sold £29 9s. 1d.	*Cr.* 158,332 5 1	
		Cr. 134,106 5 1
Deficiency Chargeable to State exclusive of Interest, Exchange, and Loan Conversion Expenses	..	272,088 11 3
Interest, Exchange, and Loan Conversion Expenses	..	1,846,043 2 3
Total amount borne by the State	..	2,118,131 13 6

CENTRAL PLANT WORKSHOPS—BENDIGO.

CASH ACCOUNT.

District.	Receipts.		Expenditure.								Accumulated—		
			Year Ended 30th June, 1952.										
	Receipts Year Ended 30th June, 1952.	**Total to 30th June, 1952.**	Operating Costs.	Interest.	Redemption.	Depreciation.	Total.	**Total to 30th June, 1952.**	Excess Receipts over Expenditure 1951-52.	Excess Expenditure over Receipts 1951-52.	Surplus Credited to District Account at 30th June, 1952.	Deficiency Chargeable to District Account at 30th June, 1952.	Deficiency Chargeable to State Account at 30th June, 1952. (Inclusive of Column 11).
1.	2.	3.	4.	5.	6.	7.	8.	9.	10.	11.	12.	13.	14.
	£ s. d.	£ s. d.	£ s. d.	£ s. d.	£ s. d.	£ s. d.	£ s. d.	£ s. d.	£ s. d.	£ s. d.	£ s. d.	£ s. d.	£ s. d.
1. Workshops	22,749 15 8	50,816 2 0	39,117 16 7	529 1 10	..	970 0 0	40,616 18 5	117,401 19 2	..	17,867 2 9	..	66,585 17 2	..
2. Residences (11) ..	722 6 8	2,244 15 3	660 0 0	..	..	275 0 0	935 0 0	2,335 0 0	..	212 13 4	..	90 4 9	..
Totals ..	23,472 2 4	53,060 17 3	39,777 16 7	529 1 10	..	1,245 0 0	41,551 18 5	119,736 19 2	..	18,079 16 1	..	66,676 1 11	..

COLIBAN SYSTEM.

CASH ACCOUNT.

STATEMENTS of Moneys received and disbursed from 1st July, 1905, to 30th June, 1952; also of Interest charged at the rates of 3.279 per cent. on Capital Debits as at 30th June, 1943, and 3 per cent. on Capital Debits subsequent to 30th June, 1943, and of Depreciation and Redemption charged for Financial Year 1951-52.

District.	Receipts.		Expenditure.								Accumulated—		
			Year Ended 30th June, 1952.										
	Receipts Year Ended 30th June, 1952.	**Total 1905 to 30th June, 1952.**	Operating Costs.	Interest.	Depreciation.	Redemption.	Total.	**Total 1905 to 30th June, 1952.**	Excess Receipts over Expenditure, 1951-52.	Excess Expenditure over Receipts, 1951-52.	Surplus Credited to District Account at 30th June, 1952.	Deficiency Chargeable to District Account at 30th June, 1952.	Deficiency Chargeable to State Account at 30th June, 1952. (Inclusive of Column 11).
1.	2.	3.	4.	5.	6.	7.	8.	9.	10.	11.	12.	13.	14.
	£ s. d.	£ s. d.	£ s. d.	£ s. d.	£ s. d.	£ s. d.	£ s. d.	£ s. d.	£ s. d.	£ s. d.	£ s. d.	£ s. d.	£ s. d.
1. Harcourt	5,125 8 8	64,133 13 0	3,742 2 11	..	52 0 0	..	3,794 2 11	63,250 15 4	1,331 5 9	..	882 17 8	..	..
Totals ..	5,125 8 8	64,133 13 0	3,742 2 11	..	52 0 0	..	3,794 2 11	63,250 15 4	1,331 5 9	..	882 17 8	..	..

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

2. Axe Creek	792 6 11	13,642 7 4	777 8 10	..	4 0 0	..	781 8 10	14,821 17 10	10 18 1	..	..	972 10 0	207 0 6
3. Coliban	79,225 8 9	2,061,354 18 2	101,677 3 5	9,611 2 11	8,248 0 0	..	119,536 6 4	3,077,446 1 6	..	40,310 17 7	..	13,729 8 9	1,002,361 14 7
4. Marong	261 16 6	4,017 1 9	512 11 0	0 14 9	41 0 0	..	554 5 9	5,119 12 9	..	292 9 3	..	210 8 10	892 2 2
Totals ..	80,279 12 2	2,079,014 7 3	102,967 3 3	9,611 17 8	8,293 0 0	..	120,872 0 11	3,097,387 12 1	10 18 1	40,603 6 10	..	14,912 7 7	1,003,460 17 3
Grand Totals ..	85,405 0 10	2,143,148 0 3	106,709 6 2	9,611 17 8	8,345 0 0	..	124,666 3 10	3,160,638 7 5	1,342 3 10	40,603 6 10	882 17 8	14,912 7 7	1,003,460 17 3

CENTRAL PLANT WORKSHOPS, BENDIGO.

PROFIT AND LOSS ACCOUNT FOR FINANCIAL YEAR 1951–52.

	(A) Value of Work Completed or in Progress. (B) House Rents.	Expenditure.					Profit and Loss.			
		Operating Costs.	Interest.	Depreciation.	Redemption.	Total.	Earnings in Excess of Expenditure.	Expenditure in Excess of Earnings.	Loss as at 30th June, 1952.	Gain as at 30th June, 1952.
	£ s. d.	£ s. d.	£ s. d.	£ s. d.	£ s. d.	£ s. d.	£ s. d.	£ s. d.	£ s. d.	£ s. d.
1. Workshops	(A)28,037 11 3	39,117 16 7	529 1 10	970 0 0	44 1 10	40,661 0 3	..	12,623 9 0	40,500 18 10	..
2. Residences (11)	(B) 722 6 8	660 0 0	..	275 0 0	..	935 0 0	..	212 13 4	90 4 9	..
Totals	28,759 17 11	39,777 16 7	529 1 10	1,245 0 0	44 1 10	41,596 0 3	..	12,836 2 4	40,591 3 7	..

COLIBAN SYSTEM.

PROFIT AND LOSS ACCOUNT FOR FINANCIAL YEAR 1951–52.

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

District.	Revenue Assessment.	Expenditure.						Profit and Loss.						
		Operating Costs.	Interest.	Depreciation.	Redemption.	Amounts Written Off.	Total.	Excess Assessment over Expenditure.	Excess Expenditure over Assessment.	Revenue Due for Previous Years Written Off.	Adjustments to Revenue for Years prior to 1951–52. (A) Loss. (B) Gain.	Interest and Other Losses prior to 30th June, 1938, Borne by State (Act No. 5017).	Loss since 30th June, 1938.	Gain as at 30th June, 1952.
	£ s. d.	£ s. d.	£ s. d.	£ s. d.	£ s. d.	£ s. d.	£ s. d.	£ s. d.	£ s. d.	£ s. d.	£ s. d.	£ s. d.	£ s. d.	£ s. d.
1. Harcourt	5,119 2 6	3,742 2 11	..	52 0 0	..	..	3,794 2 11	1,324 19 7	..	..	..	..	..	884 0 9
Total	5,119 2 6	3,742 2 11	..	52 0 0	..	..	3,794 2 11	1,324 19 7	..	..	..	..	..	884 0 9

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

2. Axe Creek	809 8 8	777 8 10	..	4 0 0	..	..	781 8 10	27 19 10	..	..	..	..	1,119 15 7	..
3. Coliban	88,734 1 8	101,677 3 5	9,611 2 11	8,248 0 0	733 0 6	5 4 8	120,274 11 0	..	31,540 9 4	47 17 11	(B) 1 19 2	828,373 18 10	181,261 15 6	..
4. Marong	278 12 8	512 11 0	0 14 9	41 0 0	0 1 10	..	554 7 7	..	275 14 11	3 17 0	..	..	1,050 4 5	..
Totals	89,822 3 0	102,967 3 3	9,611 17 8	8,293 0 0	733 1 10	5 4 8	121,610 7 5	27 19 10	31,816 4 3	51 14 11	(B) 1 19 2	828,373 18 10	183,431 15 6	..
Grand Totals ..	94,941 5 6	106,709 6 2	9,611 17 8	8,345 0 0	733 1 10	5 4 8	125,404 10 4	1,352 19 5	31,816 4 3	51 14 11	(B) 1 19 2	828,373 18 10	183,431 15 6	884 0 9

IRRIGATION AND WATER SUPPLY DISTRICTS.

CASH ACCOUNT.

STATEMENT of Moneys received and disbursed from 1st May, 1906, to 30th June, 1952; also of Depreciation charged for Financial Year 1951–52. (State Works of Water Supply excluded).

District.	Receipts.		Expenditure.				Excess Receipts over Expenditure, 1951–52.	Excess Expenditure over Receipts, 1951–52.	Accumulated.		
			Year Ended 30th June, 1952.								
	Receipts Year Ended 30th June, 1952.	**Total 1906 to 30th June, 1952.**	Operating Costs.	Depreciation.	Total.	**Total 1906 to 30th June, 1952.**			Surplus Credited to District Account at 30th June, 1952.	Deficiency Chargeable to District Account at 30th June, 1952.	Deficiency Chargeable to State Account 1951-52. (Inclusive of Column 9.)
1.	2.	3.	4.	5.	6.	7.	8.	9.	10.	11.	12.
	£ s. d.	£ s. d.	£ s. d.	£ s. d.	£ s. d.	£ s. d.	£ s. d.	£ s. d.	£ s. d.	£ s. d.	£ s. d.
1. Bacchus Marsh	8,936 16 5	217,215 15 10	9,471 8 8	288 0 0	9,759 8 8	253,423 18 7	..	822 12 3	..	15,037 14 6	21,170 8 3
2. Boort	8,797 11 2	203,987 13 6	16,717 7 7	1,009 0 0	17,726 7 7	253,585 9 5	..	8,928 16 5	..	47,977 0 8	1,620 15 3
3. Calivil	6,182 7 10	92,495 9 2	7,789 19 6	359 0 0	8,148 19 6	101,787 18 0	..	1,966 11 8	10,643 0 4	..	19,935 9 2
4. Campaspe	796 9 8	35,351 7 0	495 1 7	181 0 0	676 1 7	36,937 5 10	120 8 1	..	2,109 8 0	..	3,695 6 10
5. Cohuna	38,515 7 9	828,259 1 7	42,681 10 11	2,306 0 0	44,987 10 11	840,457 0 7	..	6,472 3 2	2,947 1 10	..	15,145 0 10
6. Deakin	8,488 19 10	221,915 15 11	11,162 7 10	724 0 0	11,886 7 10	227,109 7 2	..	3,397 8 0	..	2,938 6 6	2,255 4 9
7. Dingee	3,810 16 6	76,406 7 11	4,835 17 6	108 0 0	4,943 17 6	79,694 9 8	..	1,133 1 0	1,478 9 8	..	4,766 11 5
8. Katandra	6,000 15 9	79,057 14 4	8,374 11 11	162 0 0	8,536 11 11	104,831 19 6	..	2,535 16 2	2,083 14 11	..	27,858 0 1
9. Kerang	16,321 14 2	338,034 18 9	23,191 8 4	1,092 0 0	24,283 8 4	355,069 8 6	..	7,961 14 2	..	13,268 3 7	3,766 6 2
10. Koondrook	19,543 10 5	425,136 4 1	24,024 5 1	1,637 0 0	25,661 5 1	495,017 12 3	..	6,117 14 8	..	17,489 18 6	52,391 9 8
11. Maffra–Sale	30,986 9 9	420,380 3 6	69,283 4 8	1,648 0 0	70,931 4 8	480,989 5 9	..	39,944 14 11	..	56,896 0 10	3,713 1 5
12. Murray Valley	47,685 17 3	232,896 9 1	53,604 7 6	1,327 0 0	54,931 7 6	220,177 10 11	..	7,245 10 3	12,718 18 2	..	..
13. Mystic Park	1,172 10 10	33,833 9 6	3,283 2 4	68 0 0	3,351 2 4	51,545 11 0	..	2,178 11 6	..	15,599 4 10	2,112 16 8
14. North Shepparton	11,615 19 2	179,426 11 1	14,218 14 0	435 0 0	14,653 14 0	225,544 15 6	..	3,037 14 10	..	3,358 2 5	42,760 2 0
15. Robinvale	16,280 17 1	39,169 19 8	28,359 13 11	6,005 0 0	34,364 13 11	88,775 4 6	..	18,083 16 10	..	49,605 4 10	..
16. Rochester	46,424 11 0	897,373 0 4	56,605 16 9	1,523 0 0	58,128 16 9	930,029 0 4	..	11,704 5 9	2,506 16 6	..	35,162 16 6
17. Rodney	54,661 13 5	1,245,656 10 6	64,118 0 8	6,299 0 0	70,417 0 8	1,374,379 16 11	..	15,755 7 3	..	42,563 10 10	86,159 15 7
18. Shepparton	19,325 9 7	355,291 12 2	25,768 4 6	706 0 0	26,474 4 6	437,354 15 8	..	7,148 14 11	..	21,150 11 9	60,912 11 9
19. South Shepparton	3,646 16 11	68,240 7 7	3,980 9 8	202 0 0	4,182 9 8	75,675 16 7	..	535 12 9	..	4,699 12 3	2,735 16 9
20. Swan Hill	24,491 10 4	406,534 17 5	32,879 2 10	1,464 0 0	34,343 2 10	466,281 19 0	..	9,851 12 6	..	53,510 11 1	6,236 10 6
21. Third Lake	1,456 16 11	28,974 2 2	3,240 12 11	115 0 0	3,355 12 11	35,477 11 1	..	1,898 16 0	..	4,064 6 9	2,439 2 2
22. Tongala–Stanhope	42,081 13 0	660,913 8 3	47,240 7 11	1,215 0 0	48,455 7 11	773,690 9 7	..	6,373 14 11	..	39,154 3 2	73,622 18 2
23. Tragowel Plains	23,206 12 1	594,651 4 5	31,067 10 0	1,972 0 0	33,039 10 0	679,488 13 11	..	9,832 17 11	..	41,997 2 10	42,840 6 8
24. Werribee	12,238 11 6	260,381 9 3	14,338 4 2	495 0 0	14,833 4 2	288,929 16 5	..	2,594 12 8	..	13,072 16 11	15,475 10 3
Totals	452,669 18 4	7,941,583 13 0	596,731 10 9	31,340 0 0	628,071 10 9	8,876,254 16 8	120 8 1	175,522 0 6	34,487 9 5	442,382 12 3	526,776 0 10

IRRIGATION AND WATER SUPPLY DISTRICTS—*continued.*

CASH ACCOUNT—*continued.*

STATEMENT of Moneys received and disbursed from 1st May, 1906, to 30th June, 1952; also of Depreciation charged for Financial Year 1951–52 (State Works of Water Supply excluded)—*continued.*

District.	Receipts.		Expenditure.				Excess Receipts over Expenditure, 1951–52.	Excess Expenditure over Receipts, 1951–52.	Accumulated.		
			Year Ended 30th June, 1952.								
	Receipts Year Ended 30th June, 1952.	**Total 1906 to 30th June, 1952.**	Operating Costs.	Depreciation.	Total.	**Total 1906 to 30th June, 1952.**			Surplus Credited to District Account at 30th June, 1952.	Deficiency Chargeable to District Account at 30th June, 1952.	Deficiency Chargeable to State Account 30th June, 1952. (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.
The Districts set out hereunder are those whose works will not produce sufficient revenue to cover the expense of the maintenance and management thereof, and where water supplies are being continued by direction of the Governor in Council. The annual amount of loss resulting from the maintenance and management of these districts has been transferred to the "Revenue Expenditure Chargeable to the State Account." (By authority of Orders in Council, dated 30th July, 1938, and 16th November, 1942, under the provisions of Section 6, *Water Act* 1937, No. 4513.)											
25. Fish Point	1,206 9 1	21,148 8 3	2,455 11 5	46 0 0	2,501 11 5	34,157 1 8	..	1,295 2 4	..	654 5 10	12,354 19 7
26. Nyah	20,429 10 10	315,198 9 4	22,565 8 5	1,072 0 0	23,637 8 5	383,091 8 11	..	3,207 17 7	..	11,264 15 0	56,628 4 7
27. Red Cliffs–Merbein	161,697 3 6	2,354,494 16 0	195,157 11 3	14,553 0 0	209,710 11 3	2,653,845 8 2	..	48,013 7 9	..	47,179 16 2	252,170 16 0
28. Tresco	9,643 19 2	80,103 14 10	15,393 5 4	558 0 0	15,951 5 4	203,400 9 2	..	6,307 6 2	..	46 8 9	123,250 5 7
Totals	192,977 2 7	2,770,945 8 5	235,571 16 5	16,229 0 0	251,800 16 5	3,274,494 19 11	..	58,823 13 10	..	59,145 5 9	444,404 5 9
Grand Totals	645,647 0 11	10,712,529 1 5	832,303 7 2	47,569 0 0	879,872 7 2	12,150,749 16 7	120 8 1	234,345 14 4	34,487 9 5	501,527 18 0	971,180 6 7

IRRIGATION AND WATER SUPPLY DISTRICTS.

PROFIT AND LOSS ACCOUNT FOR FINANCIAL YEAR 1951-52.

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

District.	Revenue Assessment.	Expenditure.				Profit and Loss.						
		Operating Costs.	Depreciation.	Amounts Written Off.	Total.	Excess Assessment over Expenditure.	Excess Expenditure over Assessment.	Revenue Due for previous Years Written Off.	Adjustments to Revenue for Years prior to 1951-52. (A) Loss. (B) Gain.	Interest and Other Losses Prior to 30th June, 1938, Borne by State. (Act No. 5017).	Loss since 30th June, 1938.	Gain as at 30th June, 1952.
	£ s. d.	£ s. d.	£ s. d.	£ s. d.	£ s. d.	£ s. d.	£ s. d.	£ s. d.	£ s. d.	£ s. d.	£ s. d.	£ s. d.
1. Bacchus Marsh	9,041 12 2	9,471 8 8	288 0 0	..	9,759 8 8	..	717 16 6	0 2 1	..	21,170 8 3	14,331 4 1	..
2. Boort	8,943 5 6	16,717 7 7	1,009 0 0	11 1 0	17,737 8 7	..	8,794 3 1	0 6 8	..	1,620 15 3	47,302 1 8	..
3. Calivil	7,050 13 10	7,789 19 6	359 0 0	0 12 0	8,149 11 6	..	1,098 17 8	0 11 3	..	19,935 9 2	..	12,721 5 11
4. Campaspe	809 8 1	495 1 7	181 0 0	..	676 1 7	133 6 6	..	..	(B) 0 10 0	3,695 6 10	..	2,273 11 6
5. Cohuna	39,434 6 10	42,681 10 11	2,306 0 0	44 3 11	45,031 14 10	..	5,597 8 0	18 16 0	..	15,145 0 10	..	8,685 6 11
6. Deakin	8,298 19 9	11,162 7 10	724 0 0	..	11,886 7 10	..	3,587 8 1	..	(B) 14 0 6	2,255 4 9	702 15 1	..
7. Dingee	3,859 15 6	4,835 17 6	108 0 0	..	4,943 17 6	..	1,084 2 0	..	..	4,766 11 5	..	1,946 10 7
8. Katandra	6,428 18 10	8,374 11 11	162 0 0	8 13 0	8,545 4 11	..	2,116 6 1	..	..	27,858 0 1	..	2,996 3 2
9. Kerang	17,471 15 5	23,191 8 4	1,092 0 0	6 10 6	24,289 18 10	..	6,818 3 5	0 8 0	(B) 4 11 3	3,766 6 2	7,904 18 1	..
10. Koondrook	19,179 9 9	24,024 5 1	1,637 0 0	44 17 7	25,706 2 8	..	6,526 12 11	..	..	52,391 9 8	13,476 0 6	..
11. Maffra-Sale	30,871 8 1	69,283 4 8	1,648 0 0	105 19 11	71,037 4 7	..	40,165 16 6	619 7 1	(B) 23 18 2	3,713 1 5	55,767 10 7	..
12. Murray Valley	62,494 13 10	53,604 7 6	1,327 0 0	7,840 9 2	62,771 16 8	..	277 2 10	7 13 1	(B) 74 6 6	..	..	28,315 0 8
13. Mystic Park	1,710 11 8	3,283 2 4	68 0 0	0 1 0	3,351 3 4	..	1,640 11 8	..	(A) 0 0 1	2,112 16 8	14,748 3 1	..
14. North Shepparton	11,957 1 6	14,218 14 0	435 0 0	6 18 6	14,660 12 6	..	2,703 11 0	..	..	42,760 2 0	2,554 18 4	..
15. Robinvale	15,904 3 8	28,359 13 11	6,005 0 0	..	34,364 13 11	..	18,460 10 3	0 8 0	(B) 21 14 0	..	49,445 3 3	..
16. Rochester	49,286 13 1	56,605 16 9	1,523 0 0	58 11 2	58,187 7 11	..	8,900 14 10	2 8 0	(A) 21 11 7 (B) 495 10 10	35,162 16 6	..	16,111 13 6
17. Rodney	58,226 5 7	64,118 0 8	6,299 0 0	95 12 0	70,512 12 8	..	12,286 7 1	154 5 2	(A) 28 4 3 (B) 109 16 9	86,159 15 7	26,783 8 2	..
18. Shepparton	20,308 7 6	25,768 4 6	706 0 0	21 8 10	26,495 13 4	..	6,187 5 10	34 4 4	..	60,912 11 9	19,417 7 5	..
19. South Shepparton	3,723 11 4	3,980 9 8	202 0 0	4 12 0	4,187 1 8	..	463 10 4	..	..	2,735 16 9	4,500 10 8	..
20. Swan Hill	23,490 9 5	32,879 2 10	1,464 0 0	..	34,343 2 10	..	10,852 13 5	..	..	6,236 10 6	49,162 9 1	..
21. Third Lake	1,463 1 0	3,240 12 11	115 0 0	2 3 0	3,357 15 11	..	1,894 14 11	..	..	2,439 2 2	3,664 9 5	..
22. Tongala-Stanhope	42,018 17 4	47,240 7 11	1,215 0 0	33 5 0	48,488 12 11	..	6,469 15 7	..	(A) 9 14 0	73,622 18 2	26,548 0 11	..
23. Tragowel Plains	24,092 6 9	31,067 10 0	1,972 0 0	206 4 6	33,245 14 6	..	9,153 7 9	29 10 3	..	42,840 6 8	37,600 16 10	..
24. Werribee	13,044 12 2	14,338 4 2	495 0 0	..	14,833 4 2	..	1,788 12 0	..	..	15,475 10 3	11,719 7 6	..
Totals	479,110 8 7	596,731 10 9	31,340 0 0	8,491 3 1	636,562 13 10	133 6 6	157,585 11 9	867 19 11	(A) 59 9 11 (B) 744 8 0	526,776 0 10	385,629 4 8	73,049 12 3

The districts set out hereunder are those whose works will not produce sufficient revenue to cover the 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 Section 6, *Water Act* 1937, No. 4513).

25. Fish Point	1,281 2 6	2,455 11 5	46 0 0	..	2,501 11 5	..	1,220 8 11	..	..	2,479 7 4	9,517 3 6	..
26. Nyah	18,767 5 9	22,565 8 5	1,072 0 0	8 16 4	23,646 4 9	..	4,878 19 0	89 17 9	(B) 0 6 6	30,297 7 11	32,978 16 11	..
27. Red Cliffs Merbein	159,721 3 1	195,157 11 3	14,553 0 0	82 15 11	209,793 7 2	..	50,072 4 1	183 14 4	(A) 5 10 0 (B) 0 9 10	47,614 2 7	244,428 1 10	..
28. Tresco	8,374 14 11	15,393 5 4	558 0 0	..	15,951 5 4	..	7,576 10 5	..	(A) 23 4 10	65,026 4 5	58,194 3 11	..
Totals	188,144 6 3	235,571 16 5	16,229 0 0	91 12 3	251,892 8 8	..	63,748 2 5	273 12 1	(A) 28 14 10 (B) 0 16 4	145,417 2 3	345,118 6 2	..
GRAND TOTALS	667,254 14 10	832,303 7 2	47,569 0 0	8,582 15 4	888,455 2 6	133 6 6	221,333 14 2	1,141 12 0	(A) 88 4 9 (B) 745 4 4	672,193 3 1	730,747 10 10	73,049 12 3

URBAN DIVISIONS.

CASH ACCOUNT.

STATEMENT of Moneys received and disbursed from 1st May, 1906, to 30th June, 1952; also of Interest charged at the rates of 3.279 per cent. on Capital Debits as at 30th June, 1943, and 3 per cent. on Capital Debits subsequent to 30th June, 1943, and of Redemption and Depreciation Charged for Financial Year 1951–52.

Division.	Receipts.		Expenditure.						Excess Receipts Over Expenditure 1951-52.	Excess Expenditure Over Receipts 1951-52.	Accumulated.		
			Year Ended 30th June, 1952.					Total 1906 to 30th June, 1952.			Surplus Credited to District Account at 30th June, 1952.	Deficiency Chargeable to District Account at 30th June, 1952.	Deficiency Chargeable to State Account at 30th June, 1952. (Inclusive of Column 11.)
	Receipts, Year Ended 30th June, 1952.	Total 1906 to 30th June, 1952.	Operating Costs.	Interest.	Redemption.	Depreciation.	Total.						
1.	2.	3.	4.	5.	6.	7.	8.	9.	10.	11.	12.	13.	14.
	£ s. d.	£ s. d.	£ s. d.	£ s. d.	£ s. d.	£ s. d.	£ s. d.	£ s. d.	£ s. d.	£ s. d.	£ s. d.	£ s. d.	£ s. d.
1. Bacchus Marsh	2,240 3 2	72,308 5 3	{1,905 17 10 *1,926 16 5}	327 1 5	21 14 7	73 0 0	4,254 10 3	72,321 5 6	..	2,014 7 1	..	13 0 3	..
2. Cohuna	1,566 10 11	38,108 5 7	2,228 1 0	103 12 5	..	99 0 0	2,430 13 5	37,837 7 5	..	864 2 6	270 18 2	..	..
3. Lockington	462 11 6	8,118 6 1	402 9 9	3 18 3	..	61 0 0	467 8 0	7,615 4 6	..	4 16 6	503 1 7	..	..
4. Macorna	176 5 1	534 4 0	165 16 6	..	..	26 0 0	191 16 6	877 19 7	..	15 11 5	..	343 15 7	..
5. Red Cliffs	3,593 13 4	57,342 8 1	4,774 18 7	52 11 11	..	193 0 0	5,020 10 6	59,980 15 11	..	1,426 17 2	..	2,638 7 10	..
6. Robinvale	908 12 11	1,526 15 5	680 10 4	..	..	161 0 0	841 10 4	1,922 11 0	67 2 7	..	..	395 15 7	..
7. Tallygaroopna	212 3 3	555 10 9	124 7 3	..	..	47 6 3	171 13 6	431 1 0	40 9 9	..	124 9 9	..	..
Totals	9,160 0 2	178,493 15 2	*12,208 17 8	487 4 0	21 14 7	660 6 3	13,378 2 6	180,986 4 11	107 12 4	4,325 14 8	898 9 6	3,390 19 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 Orders in Council, dated 30th July, 1938, and 18th December, 1944, under the provisions of Section 6, *Water Act* 1937, No. 4513.)

8. Corop	35 16 1	1,126 5 10	47 12 3	..	..	6 0 0	53 12 3	1,252 6 11	..	17 16 2	..	..	126 1 1
9. Dingee	116 0 0	2,383 19 9	87 11 0	..	..	14 0 0	101 11 0	2,853 6 9	14 9 0	..	..	152 13 10	316 13 2
10. Heyfield	1,964 9 10	14,129 17 10	1,562 13 5	..	..	115 0 0	1,677 13 5	15,278 0 10	286 16 5	..	..	..	1,148 3 0
11. Leitchville	705 0 1	10,623 9 2	694 6 4	..	..	45 0 0	739 6 4	11,198 6 7	..	34 6 3	..	..	574 17 5
12. Murrabit	95 8 9	1,627 0 5	213 5 4	..	..	33 0 0	246 5 4	3,075 10 9	..	150 16 7	..	30 16 2	1,417 14 2
13. Stanhope	275 5 5	6,526 10 3	374 15 10	..	..	35 0 0	409 15 10	6,074 19 4	..	134 10 5	451 10 11	..	..
Totals	3,192 0 2	36,417 3 3	2,980 4 2	..	..	248 0 0	3,228 4 2	39,732 11 2	301 5 5	337 9 5	451 10 11	183 10 0	3,583 8 10
Grand Totals	12,352 0 4	214,910 18 5	*15,189 1 10	487 4 0	21 14 7	908 6 3	16,606 6 8	220,718 16 1	408 17 9	4,663 4 1	1,350 0 5	3,574 9 3	3,583 8 10

* Excess of Assets over Liabilities transferred to Bacchus Marsh Local Governing Body, £1,926 16s. 5d.

URBAN DIVISIONS.

PROFIT AND LOSS ACCOUNT FOR FINANCIAL YEAR 1951–52.

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

Division.	Revenue Assessment.	Expenditure.						Profit and Loss.					
		Operating Costs.	Interest.	Depreciation.	Redemption.	Amounts Written Off.	Total.	Excess— (Cr.) Assessment. (Dr.) Expenditure for Year.	Revenue Due for Previous Years Written Off.	Adjustments to Revenue for Years Prior to 1951–52. (A) Loss. (B) Gain.	Interest and Other Losses Prior to 30th June, 1938, Borne by State. (Act No. 5017.)	Loss since 30th June, 1938.	Gain as at 30th June, 1952.
	£ s. d.	£ s. d.	£ s. d.	£ s. d.	£ s. d.	£ s. d.	£ s. d.	£ s. d.	£ s. d.	£ s. d.	£ s. d.	£ s. d.	£ s. d.
1. Bacchus Marsh	2,040 2 4	{ 1,905 17 10 } *1,926 16 5	327 1 5	73 0 0	21 14 7	..	4,254 10 3	(Dr.) 2,214 7 11	..	..	..	..	..
2. Cohuna	1,802 10 1	2,228 1 0	103 12 5	99 0 0	8 7 8	..	2,439 1 1	(Dr.) 636 11 0	..	(B) 0 2 0	..	..	749 19 3
3. Lockington	475 1 1	402 9 9	3 18 3	61 0 0	0 7 9	..	467 15 9	(Cr.) 7 5 4	..	..	..	..	598 9 10
4. Macorna	168 2 3	165 16 6	..	26 0 0	..	..	191 16 6	(Dr.) 23 14 3	..	..	..	343 11 9	..
5. Red Cliffs	3,535 10 4	4,774 18 7	52 11 11	193 0 0	4 13 2	..	5,025 3 8	(Dr.) 1,489 13 4	2 9 0	(B) 1 2 0	..	2,007 18 2	..
6. Robinvale	984 8 3	680 10 4	..	161 0 0	..	..	841 10 4	(Cr.) 142 17 11	..	(B) 90 0 8	..	112 12 5	..
7. Tallygaroopna	220 8 6	124 7 3	..	47 6 3	..	0 10 0	172 3 6	(Cr.) 48 5 0	..	..	..	..	143 4 6
Totals	9,226 2 10	*12,208 17 8	487 4 0	660 6 3	35 3 2	0 10 0	13,392 1 1	(Dr.) 4,364 6 6 (Cr.) 198 8 3	2 9 0	(B) 91 4 8	..	2,464 2 4	1,491 13 7

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

8. Corop	45 12 0	47 12 3	..	6 0 0	..	..	53 12 3	(Dr.) 8 0 3	..	..	62 8 1	20 2 0	..
9. Dingee	111 11 3	87 11 0	..	14 0 0	..	..	101 11 0	(Cr.) 10 0 3	..	..	93 10 6	370 4 0	..
10. Heyfield	2,241 7 5	1,562 13 5	..	115 0 0	..	..	1,677 13 5	(Cr.) 563 14 0	..	..	160 19 2	615 1 10	..
11. Leitchville	645 3 11	694 6 4	..	45 0 0	..	..	739 6 4	(Dr.) 94 2 5	..	..	..	552 6 2	..
12. Murrabit	116 1 7	213 5 4	..	33 0 0	..	0 4 2	246 9 6	(Dr.) 130 7 11	..	..	92 1 10	1,323 17 3	..
13. Stanhope	284 6 9	374 15 10	..	35 0 0	..	..	409 15 10	(Dr.) 125 9 1	..	..	..	..	500 13 7
Totals	3,444 2 11	2,980 4 2	..	248 0 0	..	0 4 2	3,228 8 4	(Dr.) 357 19 8 (Cr.) 573 14 3	..	..	408 19 7	2,881 11 3	500 13 7
Grand Totals	12,670 5 9	*15,189 1 10	487 4 0	908 6 3	35 3 2	0 14 2	16,620 9 5	(Dr.) 4,722 6 2 (Cr.) 772 2 6	2 9 0	(B) 91 4 8	408 19 7	5,345 13 7	1,992 7 2

* Excess of Assets over Liabilities transferred to Bacchus Marsh Local Governing Body £1,926 16s. 5d.

WATERWORKS DISTRICTS.

CASH ACCOUNT.

STATEMENT of Moneys received and disbursed from 1st May, 1906, to 30th June, 1952; also of Interest charged at the rates of 3·279 per cent. on Capital Debits, as at 30th June, 1943, and 3 per cent. on Capital Debits subsequent to 30th June, 1943, and of Redemption and Depreciation charged for Financial Year 1951-52. (State Works of Water Supply excluded.)

District.	Receipts.		Expenditure.								Accumulated—		
			Year ended 30th June, 1952.										
	Receipts Year ended 30th June, 1952.	Total 1906 to 30th June, 1952.	Operating Costs.	Interest.	Redemption.	Depreciation.	Total.	Total 1906 to 30th June, 1952.	Excess Receipts over Expenditure 1951-52.	Excess Expenditure over Receipts 1951-52.	Surplus Credited to District Account at 30th June, 1952.	Deficiency Chargeable to District Account at 30th June, 1952.	Deficiency Chargeable to State Account at 30th June, 1952. (Inclusive of Column 11.)
1.	2.	3.	4.	5.	6.	7.	8.	9.	10.	11.	12.	13.	14.
	£ s. d.	£ s. d.	£ s. d.	£ s. d.	£ s. d.	£ s. d.	£ s. d.	£ s. d.	£ s. d.	£ s. d.	£ s. d.	£ s. d.	£ s. d.
1. Bellarine Peninsula ..	8,223 11 8	155,680 18 10	17,870 7 0	2,724 19 6	..	1,242 0 0	21,837 6 6	173,806 12 4	..	13,613 14 10	..	8,198 3 10	9,927 9 8
2. East Loddon ..	1,100 15 5	6,520 7 2	1,267 14 4	..	..	11 0 0	1,278 14 4	5,529 3 6	..	177 18 11	991 3 8	..	..
3. Loddon	1,137 2 8	6,665 6 2	1,517 17 0	..	..	4 0 0	1,521 17 0	8,880 2 2	..	384 14 4	..	2,214 16 0	..
4. Mornington Peninsula	9,764 9 0	194,233 7 8	7,078 9 3	2,947 13 8	..	1,190 0 0	11,216 2 11	157,760 14 5	..	1,451 13 11	37,550 5 6	..	1,077 12 3
5. Newstead	33 0 0	405 10 0	..	..	..	..	..	101 10 0	33 0 0	..	304 0 0	..	..
6. Normanville	4,859 11 4	37,484 13 3	8,403 2 1	..	..	272 0 0	8,675 2 1	41,376 9 4	..	3,815 10 9	..	3,891 16 1	..
7. Otway	11,974 16 9	121,327 9 1	5,421 2 10	2,941 1 9	232 3 6	2,014 0 0	10,608 8 1	122,585 1 0	1,366 8 8	..	..	1,257 11 11	..
8. Ouyen	10,606 8 9	142,779 10 8	37,505 6 5	..	..	266 0 0	37,771 6 5	527,571 12 3	..	27,164 17 8	..	76,353 10 6	308,438 11 1
9. Werribee	521 5 6	20,527 18 8	776 19 11	..	..	20 0 0	796 19 11	22,208 1 8	..	275 14 5	541 7 10	..	2,221 10 10
10. Western Wimmera ..	27,850 13 5	640,301 3 0	34,491 9 7	..	..	812 0 0	35,303 9 7	709,447 15 0	..	7,452 16 2	..	55,718 6 11	13,428 5 1
11. West Loddon ..	1,894 11 10	11,608 17 11	3,165 11 10	..	..	12 0 0	3,177 11 10	13,592 9 1	..	1,283 0 0	..	1,983 11 2	..
12. Wimmera United ..	23,532 12 3	676,661 14 10	23,293 16 8	..	..	2,913 0 0	26,206 16 8	670,222 4 11	..	2,674 4 5	6,439 9 11	..	..
13. Wychitella	4,248 2 2	16,236 19 6	8,194 11 4	..	..	80 0 0	8,274 11 4	37,914 7 5	..	4,026 9 2	..	21,677 7 11	..
Totals	105,747 0 9	2,030,433 16 9	148,986 8 3	8,613 14 11	232 3 6	8,836 0 0	166,668 6 8	2,490,996 3 1	1,399 8 8	62,320 14 7	45,826 6 11	171,295 4 4	335,093 8 11

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

14. Birchip	5,855 0 2	182,400 14 3	9,482 15 10	..	..	62 0 0	9,544 15 10	226,819 19 6	..	3,689 15 8	..	5,077 15 6	39,341 9 9
15. Carwarp	1,398 12 11	33,216 12 1	5,739 17 11	..	..	263 0 0	6,002 17 11	143,097 4 10	..	4,604 5 0	..	3,539 8 8	106,341 4 1
16. Carwarp Central ..	265 18 8	5,050 11 5	652 18 1	..	..	21 0 0	673 18 1	11,991 2 10	..	407 19 5	..	763 19 2	6,176 12 3
17. Hindmarsh	1,151 12 8	28,827 3 8	1,594 6 7	..	..	153 0 0	1,747 6 7	30,171 19 0	..	595 13 11	..	..	1,344 15 4
18. Karkarooc	19 994 7 0	495,560 12 10	33,851 6 8	..	..	60 0 0	33,911 6 8	642,303 3 10	..	13,916 19 8	..	13,179 4 6	133,563 6 6
19. Kerang — North-West Lakes	279 7 9	7,046 11 8	910 2 3	..	..	4 0 0	914 2 3	9,133 0 7	..	634 14 6	..	83 3 9	2,003 5 2
20. Long Lake	13,412 8 10	371,975 4 9	26,876 4 2	..	..	234 0 0	27,110 4 2	515,118 18 4	..	13,697 15 4	..	29,289 10 10	113,854 2 9
21. Millewa (including Millewa Central) ..	8,406 7 4	127,769 5 6	48,416 13 5	..	..	4,501 0 0	52,917 13 5	807,813 2 10	..	44,511 6 1	..	15,192 10 4	664,851 7 0
22. Sea Lake	11,609 14 3	337,791 11 11	20,970 3 1	..	..	93 0 0	21,063 3 1	427,842 7 5	..	9,453 8 10	..	8,236 19 5	81,813 16 1
23. Tyntynder	10,193 2 9	203,200 6 0	23,155 4 2	..	..	125 0 0	23,280 4 2	443,539 17 2	..	13,087 1 5	..	22,208 9 1	218,131 2 1
24. Tyntynder North (formerly Coreena) ..	3,245 10 4	87,369 9 0	17,611 9 5	..	..	168 0 0	17,779 9 5	262,205 13 3	..	14,533 19 1	..	10,336 17 0	164,559 7 3
25. Tyrrell	8,926 19 10	291,183 13 9	32,745 12 7	..	..	115 0 0	32,860 12 7	578,586 17 7	..	23,933 12 9	..	15,805 16 7	271,597 7 3
26. Tyrrell West ..	5,007 10 10	84,068 8 7	16,912 4 7	..	..	70 0 0	16,982 4 7	292,959 10 10	..	11,974 13 9	..	10,013 19 9	198,877 2 6
27. Upper Western Wimmera	5,798 12 6	170,085 3 4	8,815 3 9	..	..	50 0 0	8,865 3 9	175,368 9 6	..	3,066 11 3	..	..	5,283 6 2
28. Upper Wimmera United	10,124 17 6	271,631 0 7	12,656 16 4	..	..	82 0 0	12,738 16 4	286,874 19 2	..	2,613 18 10	..	4,359 16 0	10,884 2 7
29. Walpeup West ..	3,744 15 0	68,567 0 11	2,120 2 5	..	..	274 0 0	2,394 2 5	76,167 3 7	1,350 12 7	..	597 4 3	..	8,197 6 11
30. Wycheproof	11,229 2 5	298,426 12 9	14,934 19 5	..	..	108 0 0	15,042 19 5	362,850 14 4	..	3,813 17 0	..	4,504 1 10	59,919 19 9
31. Yelta	527 15 1	16,364 8 9	1,700 17 7	..	..	..	1,700 17 7	31,803 17 9	..	1,173 2 6	..	1,488 7 10	13,951 1 2
Totals	121,171 15 10	3,080,534 11 9	279,146 18 3	..	..	6,383 0 0	285,529 18 3	5,324,708 2 4	1,350 12 7	165,708 15 0	597 4 3	144,080 0 3	2,100,690 14 7
GRAND TOTALS ..	226,918 16 7	5,110,968 8 6	428,133 6 6	8,613 14 11	232 3 6	15,219 0 0	452,198 4 11	7,815,704 5 5	2,750 1 3	228,029 9 7	46,423 11 2	315,375 4 7	2,435,784 3 6

WATERWORKS DISTRICTS.

PROFIT AND LOSS ACCOUNT FOR FINANCIAL YEAR 1951-52.

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

District.	Revenue Assessment.	Expenditure.						Profit and Loss.					
		Operating Costs.	Interest.	Depreciation.	Redemption.	Amounts Written Off.	Total.	Excess— (Cr.) Assessment. (Dr.) Expenditure for Year.	Revenue Due for Previous Years Written Off.	Adjustments to Revenue for Years prior to 1951-52. (A) Loss. (B) Gain.	Interest and Other Losses prior to 30th June, 1938, Borne by State. (Act No. 5017.)	Loss since 30th June, 1938.	Gain as at 30th June, 1952.
	£ s. d.	£ s. d.	£ s. d.	£ s. d.	£ s. d.	£ s. d.	£ s. d.	£ s. d.	£ s. d.	£ s. d.	£ s. d.	£ s. d.	£ s. d.
1. Bellarine Peninsula ..	8,360 2 4	17,870 7 0	2,724 19 6	1,242 0 0	212 13 9	..	22,050 0 3	(Dr.) 13,689 17 11	3 15 3	(B)22,329 10 0	9,927 9 8	7,837 15 4	..
2. East Loddon	1,031 14 3	1,267 14 4	..	11 0 0	..	3 5 0	1,281 19 4	(Dr.) 250 5 1	2 13 6	..	..	..	1,057 12 5
3. Loddon	1,121 16 0	1,517 17 0	..	4 0 0	..	0 14 8	1,522 11 8	(Dr.) 400 15 8	..	..	..	2,201 13 5	..
4. Mornington Peninsula ..	15,439 12 11	7,078 9 3	2,947 13 8	1,190 0 0	229 7 7	27 14 3	11,473 4 9	(Cr.) 3,966 8 2	8 4 10	..	1,077 12 3	..	45,148 14 5
5. Newstead	33 0 0	..	..	..	..	..	..	(Cr.) 33 0 0	..	..	..	..	304 0 0
6. Normanville	4,975 4 2	8,403 2 1	..	272 0 0	..	4 2 0	8,679 4 1	(Dr.) 3,703 19 11	44 16 0	..	..	3,772 15 2	..
7. Otway	11,530 18 10	5,421 2 10	2,941 1 9	2,014 0 0	232 3 6	0 13 3	10,609 1 4	(Cr.) 921 17 6	..	(B) 7 2 0	..	557 18 9	..
8. Onyen	9,791 13 10	37,505 6 5	..	266 0 0	..	..	37,771 6 5	(Dr.) 27,979 12 7	3 16 4	(B) 0 5 4	62,060 3 7	318,554 14 11	..
9. Werribee	562 0 8	776 19 11	..	20 0 0	..	..	796 19 11	(Dr.) 234 19 3	..	..	2,221 10 10	..	599 3 1
10. Western Winmera ..	26,120 3 10	34,491 9 7	..	812 0 0	..	7 2 6	35,310 12 1	(Dr.) 9,190 8 3	20 14 8	..	13,428 5 1	53,562 13 2	..
11. West Loddon ..	1,916 9 1	3,165 11 10	..	12 0 0	..	6 16 0	3,184 7 10	(Dr.) 1,267 18 9	9 10 9	..	..	1,961 19 2	..
12. Winmera United ..	21,838 9 7	23,293 16 8	..	2,913 0 0	..	3 9 4	26,210 6 0	(Dr.) 4,371 16 5	100 13 8	(A) 17 17 8	..	..	6,925 17 1
13. Wychitella	4,163 17 9	8,194 11 4	..	80 0 0	..	43 10 6	8,318 1 10	(Dr.) 4,154 4 1	76 9 5	(A) 16 4 10	..	21,548 19 0	..
Totals	106,885 3 3	148,986 8 3	8,613 14 11	8,836 0 0	674 4 10	97 7 6	167,207 15 6	{(Cr.) 4,921 5 8 / (Dr.) 65,243 17 11}	270 14 5	{(A) 34 2 6 / (B)22,336 17 4}	88,715 1 5	409,998 8 11	54,035 7 0

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

4. Birchip	6,101 4 11	9,482 15 10	..	62 0 0	..	120 5 0	9,665 0 10	(Dr.) 3,563 15 11	..	..	23,844 1 4	20,362 0 7	..
15. Carwarp	1,289 4 10	5,739 17 11	..	263 0 0	..	25 12 7	6,028 10 6	(Dr.) 4,739 5 8	..	..	53,546 18 10	54,977 11 8	..
16. Carwarp Central ..	195 19 10	652 18 1	..	21 0 0	..	..	673 18 1	(Dr.) 477 18 3	..	..	1,426 5 0	5,402 18 9	..
17. Hindmarsh	1,119 6 4	1,594 6 7	..	153 0 0	..	..	1,747 6 7	(Dr.) 628 0 3	..	..	..	1,207 11 6	..
18. Karkarooc	19,790 5 2	33,851 6 8	..	60 0 0	..	119 4 0	34,030 10 8	(Dr.) 14,240 5 6	29 12 7	(B) 9 12 0	41,264 17 1	104,445 10 9	..
19. Kerang North-West Lakes	300 8 11	910 2 3	..	4 0 0	..	3 1 4	917 3 7	(Dr.) 616 14 8	0 2 9	..	831 10 5	1,160 17 1	..
20. Long Lake	13,138 2 5	26,876 4 2	..	234 0 0	..	15 10 10	27,125 15 0	(Dr.) 13,987 12 7	0 10 11	..	22,303 5 10	118,308 13 5	..
21. Millewa (including Millewa Central) ..	8,796 18 0	48,416 13 5	..	4,501 0 0	..	532 7 0	53,450 0 5	(Dr.) 44,653 2 5	..	(B) 822 18 0	142,568 13 3	527,740 10 1	..
22. Sea Lake	12,100 0 2	20,970 3 1	..	93 0 0	..	0 10 0	21,063 13 1	(Dr.) 8,963 12 11	0 14 8	..	30,284 3 2	59,041 19 7	..
23. Tyntynder	9,007 10 10	23,155 4 2	..	125 0 0	..	150 19 4	23,431 3 6	(Dr.) 14,423 12 8	472 10 3	..	80,494 5 0	153,883 5 2	..
24. Tyntynder North (formerly Coreena) ..	4,874 18 2	17,611 9 5	..	168 0 0	..	1,106 18 2	18,886 7 7	(Dr.) 14,011 9 5	2,089 18 0	..	52,263 5 5	117,333 5 1	..
25. Tyrrell	8,624 4 8	32,745 12 7	..	115 0 0	..	..	32,860 12 7	(Dr.) 24,236 7 11	26 5 8	(B) 1 14 10	55,064 4 7	229,827 13 2	..
26. Tyrrell West	4,987 12 0	16,912 4 7	..	70 0 0	..	199 7 11	17,181 12 6	(Dr.) 12,194 0 6	17 13 10	..	36,118 14 6	171,449 8 10	..
27. Upper Western Winmera	5,754 13 6	8,815 3 9	..	50 0 0	..	..	8,865 3 9	(Dr.) 3,110 10 3	..	..	..	5,046 9 11	..
28. Upper Wimmera United	9,649 2 8	12,656 16 4	..	82 0 0	..	2 10 5	12,741 6 9	(Dr.) 3,092 4 1	42 3 6	..	52 0 1	14,966 7 7	..
29. Walpeup West ..	3,666 18 5	2,120 2 5	..	274 0 0	..	3 17 9	2,398 0 2	(Cr.) 1,268 18 3	129 16 6	(B) 592 5 1	8,197 6 11	..	1,566 8 11
30. Wycheproof	11,297 0 7	14,934 19 5	..	108 0 0	..	60 1 10	15,103 1 3	(Dr.) 3,806 0 8	5 4 2	..	37,048 16 5	26,942 9 11	..
31. Velta	638 1 11	1,700 17 7	..	..	..	1 12 9	1,702 10 4	(Dr.) 1,064 8 5	..	(A) 42 5 11	3,664 18 11	11,601 10 6	..
Totals	121,331 13 4	279,146 18 3	..	6,383 0 0	..	2,341 18 11	287,871 17 2	{(Cr.) 1,268 18 3 / (Dr.) 167,809 2 1}	2,814 12 10	{(A) 42 5 11 / (B) 1,426 9 11}	588,973 6 9	1,623,698 3 7	1,566 8 11
GRAND TOTALS	228,216 16 7	428,133 6 6	8,613 14 11	15,219 0 0	674 4 10	2,439 6 5	455,079 12 8	{(Cr.) 6,190 3 11 / (Dr.) 233,053 0 0}	3,085 7 3	{(A) 76 8 5 / (B)23,763 7 3*}	677,688 8 2	2,033,696 12 6	55,601 15 11

* Includes Depreciation charge in respect of previous years written back, £22,918 12s. 7d.

URBAN DISTRICTS.

CASH ACCOUNT.

STATEMENT of Moneys received and disbursed from 1st May, 1906, to 30th June, 1952; also of Interest charged at the rates of 3·279 per cent. on Capital Debits as at 30th June, 1943, and 3 per cent. on Capital Debits subsequent to 30th June, 1943, and of Redemption and Depreciation charged for Financial Year 1951–52. (State Works of Water Supply excluded.)

District.	Receipts.		Expenditure.						Excess Receipts over Expenditure, 1951–52.	Excess Expenditure over Receipts, 1951–52.	Accumulated.		
			Year ended 30th June, 1952.					Total 1906 to 30th June, 1952.			Surplus Credited to District Account at 30th June, 1952.	Deficiency Chargeable to District Account at 30th June, 1951.	Deficiency Chargeable to State Account at 30th June, 1951 (inclusive of Column 11).
	Receipts Year ended 30th June, 1952.	Total 1906 to 30th June, 1952.	Operating Costs.	Interest.	Redemption.	Depreciation.	Total.						
1.	2.	3.	4.	5.	6.	7.	8.	9.	10.	11.	12.	13.	14.
	£ s. d.	£ s. d.	£ s. d.	£ s. d.	£ s. d.	£ s. d.	£ s. d.	£ s. d.	£ s. d.	£ s. d.	£ s. d.	£ s. d.	£ s. d.
1. Allansford	413 16 1	2,386 16 6	406 18 8	26 4 5	..	23 0 0	456 3 1	2,189 15 7	..	42 7 0	197 0 11	..	..
2. Antwerp	67 18 6	1,632 3 4	106 9 4	8 9 0	..	2 0 0	116 18 4	1,586 19 9	..	48 19 10	45 3 7	..	..
3. Barwon Heads–Ocean Grove	3,675 15 7	39,564 8 5	4,053 6 0	258 16 6	..	563 0 0	4,875 2 6	38,398 3 10	..	1,199 6 11	1,166 4 7	..	..
4. Berriwillock	281 2 8	9,464 11 4	518 6 7	0 2 2	..	16 0 0	534 8 9	9,856 6 10	..	253 6 1	..	174 16 10	216 18 8
5. Berwick	1,896 10 3	27,294 15 5	1,162 13 1	635 13 8	..	262 0 0	2,060 6 9	25,426 8 4	..	163 16 6	1,868 7 1	..	..
6. Birregurra	695 6 0	2,717 12 7	804 19 8	..	..	111 0 0	915 19 8	3,414 15 4	..	220 13 8	..	697 2 9	..
7. Brim	390 7 8	7,814 10 3	533 15 4	10 17 1	..	31 0 0	575 12 5	7,798 6 10	..	185 4 9	16 3 5	..	..
8. Camperdown	7,076 15 11	72,162 4 4	5,327 13 3	1,771 18 4	..	687 0 0	7,786 11 7	72,533 15 11	..	709 15 8	..	371 11 7	..
9. Chelsea–Frankston	33,533 2 11	456,247 19 3	25,938 16 4	7,161 19 5	..	3,859 0 0	36,959 15 9	445,772 18 9	..	3,426 12 10	19,663 12 9	..	9,188 12 3
10. Cobden	2,216 8 0	20,720 6 4	1,922 18 5	414 18 9	..	169 0 0	2,506 17 2	21,340 16 2	..	290 9 2	..	620 9 10	..
11. Cranbourne	715 15 5	15,671 13 1	511 2 10	19 7 6	3 5 8	74 0 0	607 16 0	14,870 7 11	107 19 5	..	1,339 14 3	..	538 9 1
12. Culgoa	309 9 8	10,442 9 10	304 2 7	73 8 11	..	18 0 0	395 11 6	10,811 1 7	..	86 1 10	..	368 11 9	..
13. Dandenong–Springvale	39,969 0 10	397,012 18 11	22,057 8 7	6,287 11 2	907 12 4	3,639 0 0	32,891 12 1	359,004 18 8	7,077 8 9	..	41,609 18 10	..	3,601 18 7
14. Dimboola	2,244 14 8	80,557 19 8	2,403 5 0	355 1 10	..	155 0 0	2,913 6 10	80,541 19 1	..	668 12 2	16 0 7	..	..
15. Dromana–Portsea	16,329 7 7	120,635 5 7	11,701 2 3	4,574 15 3	..	2,073 0 0	18,348 17 6	97,482 1 0	..	2,019 9 11	23,153 4 7	..	..
16. Jeparit	1,007 5 2	34,318 0 5	1,055 5 9	185 7 5	..	39 0 0	1,279 13 2	34,268 0 5	..	272 8 0	50 0 0	..	..
17. Longwarry	1,647 5 7	16,464 18 4	472 15 9	318 10 11	25 3 9	152 0 0	968 10 5	13,398 0 7	678 15 2	..	3,066 17 9	..	..
18. Marnoo	387 9 6	8,381 14 5	213 17 11	43 18 11	7 2 0	33 0 0	297 18 10	8,016 2 4	89 10 8	..	365 12 1	..	..
19. Merbein	2,926 19 9	49,994 10 1	3,072 10 8	132 2 7	..	137 0 0	3,341 13 3	51,947 13 10	..	414 13 6	..	1,442 13 8	510 10 1
20. Minyip	1,308 7 7	33,488 3 9	1,179 0 4	100 5 4	..	75 0 0	1,354 5 8	33,669 6 5	..	45 18 1	..	181 2 8	..
21. Mornington	7,392 17 10	139,698 3 7	5,796 6 11	1,721 19 9	..	1,221 0 0	8,739 6 8	130,511 6 8	..	1,346 8 10	9,186 16 11	..	..
22. Natimuk	429 0 7	20,271 9 11	457 7 8	133 0 10	..	50 0 0	640 8 6	20,567 14 1	..	211 7 11	..	296 4 2	..
23. Pakenham	2,941 10 6	32,619 7 7	1,016 3 4	442 16 8	59 15 2	180 0 0	1,698 15 2	28,134 18 5	1,242 15 4	..	4,484 9 2	..	..
24. Pimpinio	6 10 4	31 0 10	4 5 2	..	..	..	4 5 2	36 1 4	2 5 2	..	..	5 0 6	..
25. Pyramid Hill	681 8 2	15,392 14 1	790 11 3	42 5 2	..	39 0 0	871 16 5	14,673 19 6	..	190 8 3	718 14 7	..	..
26. Queenscliff–Point Lonsdale	5,183 14 0	73,367 4 0	5,248 5 11	526 14 11	..	1,118 0 0	6,893 0 10	82,773 15 11	..	1,709 6 10	..	9,406 11 11	..
27. Rainbow	1,241 12 9	42,134 16 9	1,094 8 9	246 5 10	..	48 0 0	1,388 14 7	38,766 14 0	..	147 1 10	3,368 2 9	..	..
28. Rupanyup	1,251 17 10	30,705 7 2	1,021 14 4	135 9 9	21 14 4	57 0 0	1,235 18 5	30,807 0 6	15 19 5	..	..	101 13 4	..
29. Somerville	443 7 9	10,712 6 11	355 9 8	150 4 1	..	80 0 0	585 13 9	10,218 19 5	..	142 6 0	493 7 6	..	..
30. South Frankston	4,006 8 4	64,358 14 9	2,332 16 0	869 15 6	135 6 8	526 0 0	3,863 18 2	59,376 1 3	142 10 2	..	4,982 13 6	..	..
31. Terang	4,913 2 6	46,260 14 3	3,815 19 9	910 9 0	..	541 0 0	5,267 8 9	46,341 14 2	..	354 6 3	..	80 19 11	..
32. Watchem	396 15 5	12,707 8 9	627 15 2	4 0 5	..	35 0 0	666 15 7	13,351 13 2	..	270 0 2	..	503 7 3	140 17 2
Totals	145,981 5 4	1,895,232 10 5	106,307 12 3	27,562 11 1	1,159 19 11	16,013 0 0	151,043 3 3	1,807,887 17 7	9,357 4 1	14,419 2 0	115,792 4 10	14,250 6 2	14,197 5 10

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

33. Anglesea	1,063 10 0	9,215 13 3	1,519 1 3	0 17 8	..	103 0 0	1,622 18 11	12,110 8 4	..	559 8 11	..	..	2,894 15 1
34. Beulah	682 0 8	21,742 19 9	988 18 0	0 1 7	..	23 0 0	1,011 19 7	22,369 4 0	..	329 18 11	..	..	626 4 3
35. Birchip	1,671 19 4	41,725 12 2	2,140 2 1	..	..	84 0 0	2,224 2 1	45,962 17 0	..	552 2 9	..	564 5 4	3,672 19 6
36. Bittern	87 14 7	4,156 16 5	218 0 9	0 9 4	..	42 0 0	260 10 1	4,576 18 1	..	172 15 6	..	..	420 1 8
37. Bunyip	780 2 2	9,820 8 5	403 17 8	58 3 4	4 8 9	112 0 0	578 9 9	8,447 5 3	201 12 5	..	1,847 4 11	..	474 1 9
38. Carwarp	30 16 5	951 2 7	64 3 4	..	..	6 0 0	70 3 4	1,603 19 6	..	39 6 11	..	318 7 11	334 9 0
39. Chillingollah	45 16 3	3,378 2 10	164 2 7	..	..	8 0 0	172 2 7	4,656 11 8	..	126 6 4	..	682 4 6	596 4 4
40. Chinkapook	126 4 8	3,821 17 11	207 14 3	..	..	8 0 0	215 14 3	5,062 13 0	..	89 9 7	..	68 7 0	1,172 8 1
41. Crib Point	681 10 9	12,491 0 2	876 1 11	74 16 8	..	160 0 0	1,110 18 7	13,229 0 0	..	429 7 10	..	..	737 19 10
42. Dooen	50 12 10	851 7 8	103 14 5	0 10 2	..	11 0 0	115 4 7	903 19 3	..	64 11 9	77 13 2	..	130 4 9
43. Drysdale	865 10 11	9,745 18 5	1,066 13 8	1 2 11	..	178 0 0	1,245 16 7	9,912 19 7	..	380 5 8	159 14 11	..	326 16 1
44. Garfield	669 8 6	7,870 2 7	263 9 6	100 1 3	7 12 8	47 0 0	418 3 5	6,954 4 10	251 5 1	..	1,297 3 4	..	381 5 7
45. Hastings	731 18 7	10,926 16 6	754 9 3	0 3 9	..	184 0 0	938 13 0	11,694 18 10	..	206 14 5	..	..	768 2 4
46. Hopetoun	1,261 10 9	34,204 7 4	1,683 13 5	0 14 3	..	61 0 0	1,745 7 8	34,693 16 8	..	483 16 11	90 13 6	..	580 2 10
47. Jung Jung	291 5 4	5,518 15 4	462 6 7	0 0 11	..	45 0 0	507 7 6	7,558 10 11	..	216 2 2	..	20 1 0	2,019 14 7
48. Koondrook	775 12 8	17,397 2 7	1,367 14 6	..	..	64 0 0	1,431 14 6	21,565 4 4	..	656 1 10	..	195 2 9	3,972 19 0
49. Lake Boga	733 14 10	17,120 3 10	1,146 0 7	2 17 4	..	68 0 0	1,216 17 11	21,779 15 1	..	483 3 1	..	404 7 6	4,255 3 9
50. Lalbert	277 10 6	8,522 6 9	240 17 11	2 19 2	..	42 0 0	285 17 1	10,156 9 2	..	8 6 7	..	350 14 8	1,283 7 9
51. Lascelles	214 10 10	6,674 4 9	570 13 10	0 10 2	..	21 0 0	592 4 0	7,795 16 9	..	377 13 2	..	30 4 4	1,091 7 8
52. Manangatang	720 8 2	15,084 1 10	1,180 2 0	53 12 5	..	33 0 0	1,266 14 5	16,889 15 1	..	546 6 3	..	..	1,805 13 3
53. Meringur	69 0 3	2,650 1 8	331 17 8	0 2 7	..	13 0 0	345 0 3	3,775 7 4	..	276 0 0	..	131 15 6	993 10 2
54. Mitiamo	347 14 8	1,699 3 10	375 2 8	..	..	39 0 0	414 2 8	3,817 4 10	..	66 8 0	..	..	2,118 1 0
55. Nandaly	100 13 11	3,132 3 5	170 12 0	0 1 11	..	9 0 0	179 13 11	3,918 1 6	..	79 0 0	..	51 4 2	734 13 11
56. Newstead	889 16 3	11,034 13 9	1,447 16 7	57 16 8	..	58 0 0	1,563 13 3	14,290 7 2	..	673 17 0	..	36 15 8	3,218 17 9
57. Nullawil	150 18 7	5,182 4 3	224 17 8	9 4 2	..	10 0 0	244 1 10	5,449 19 6	..	93 3 3	..	..	267 15 3
58. Nyah	352 13 10	4,721 12 8	445 0 11	..	..	31 0 0	476 0 11	5,083 15 11	..	123 7 1	..	190 13 4	171 9 11
59. Nyah West	1,106 17 11	20,514 11 7	989 18 9	..	..	116 0 0	1,105 18 9	20,054 18 5	0 19 2	..	459 13 2	..	..
60. Ouyen	3,273 14 8	66,088 8 7	3,693 17 11	1 19 10	..	111 0 0	3,806 17 9	68,336 14 5	..	533 3 1	..	..	2,248 5 10
61. Patchewollock	244 12 9	5,085 7 4	380 10 2	0 0 11	..	17 0 0	397 11 1	5,531 5 8	..	152 18 4	..	..	445 18 4
62. Piangil	373 3 1	10,533 13 4	469 14 6	..	..	52 0 0	521 14 6	11,786 15 11	..	148 11 5	..	..	1,253 2 7
63. Portarlington	1,087 16 5	11,692 16 0	1,688 11 0	2 6 7	..	310 0 0	2,000 17 7	17,740 4 4	..	913 1 2	..	101 9 6	5,945 18 10
64. Quambatook	547 14 1	9,823 8 6	604 15 10	0 1 11	..	43 0 0	647 17 9	10,024 0 5	..	100 3 8	..	..	200 11 11
65. Sea Lake	1,229 7 4	35,237 11 0	1,181 7 5	50 5 1	..	75 0 0	1,306 12 6	35,790 6 8	..	77 5 2	..	..	552 15 8
66. Speed	152 13 3	3,579 1 1	314 2 3	0 0 7	..	19 0 0	333 2 10	4,386 2 10	..	180 9 7	..	217 12 5	589 9 4
67. Tempy	122 19 6	3,591 2 3	330 0 0	0 10 7	..	17 0 0	347 10 7	4,406 9 2	..	224 11 1	..	47 13 2	767 13 9
68. Torquay	2,306 1 3	18,404 11 9	2,599 9 11	4 5 10	..	128 0 0	2,731 15 9	20,271 8 2	..	425 14 6	..	..	1,866 16 5
69. Ultima	701 10 0	15,897 0 0	1,256 2 3	0 10 5	..	36 0 0	1,292 12 8	18,484 8 6	..	591 2 8	..	245 10 3	2,291 18 3
70. Waitchie	38 10 9	1,844 11 3	124 2 1	..	..	18 0 0	142 2 1	3,886 14 2	..	103 11 4	..	623 5 11	1,418 17 0
71. Walpeup	254 13 9	3,572 10 3	539 13 5	0 14 6	..	13 0 0	553 7 11	4,262 12 11	..	298 14 2	..	..	690 2 8
72. Werrimull	312 15 6	7,316 5 1	500 11 11	0 0 11	..	42 0 0	542 12 10	8,703 18 6	..	229 17 4	..	150 10 8	1,237 2 9
73. Wonthaggi	6,680 14 3	178,929 9 6	5,374 16 1	298 0 1	70 16 3	462 0 0	6,205 12 5	177,785 7 5	475 1 10	..	1,144 2 1	..	..
74. Woomelang	581 1 11	24,721 15 8	955 10 1	0 9 2	..	65 0 0	1,020 19 3	25,727 15 7	..	439 17 4	..	..	1,005 19 11
75. Woorinen	325 11 10	4,804 19 6	343 1 11	19 0 11	..	16 0 0	378 2 10	5,286 17 5	..	52 11 0	..	305 3 1	176 14 10
76. Wycheproof	1,215 5 6	36,030 16 10	1,343 9 4	..	..	143 0 0	1,486 9 4	37,721 6 6	..	271 3 10	..	151 3 3	1,539 6 5
77. Yaapeet	159 12 7	2,879 10 4	298 4 2	0 2 3	..	18 0 0	316 6 5	3,512 18 10	..	156 13 10	..	151 18 5	481 10 1
Totals	34,387 12 7	730,186 10 6	41,405 4 0	742 15 10	82 17 8	3,161 0 0	45,391 17 6	787,909 9 5	928 18 6	11,933 3 5	5,076 5 1	5,038 10 4	57,760 13 8
GRAND TOTALS ..	180,368 17 11	2,625,419 0 11	147,712 16 3	28,305 6 11	1,242 17 7	19,174 0 0	196,435 0 9	2,595,797 7 0	10,286 2 7	26,352 5 5	120,868 9 11	19,288 16 6	71,957 19 6

URBAN DISTRICTS

PROFIT AND LOSS ACCOUNT FOR FINANCIAL YEAR 1951-52.

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

District.	Revenue Assessment.	Expenditure.					Profit and Loss.					
		Operating Costs.	Interest.	Depreciation.	Redemption.	Amounts Written Off.	Total.	Excess—(Cr.) Assessment. (Dr.) Expenditure for Year.	Revenue Due for Previous Years Written Off.	Adjustments to Revenue for Years prior to 1950-51. (A) Loss. (B) Gain.	Interest and other Losses prior to 30th June, 1938, Borne by State. (Act No. 5017.)	Loss since 30th June, 1938.	Gain as at 30th June, 1952.
	£ s. d.	£ 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	448 14 1	406 18 8	26 4 5	23 0 0	2 1 11	..	458 5 0	(Dr.) 9 10 11	..	..	..	..	251 3 10
2. Antwerp	74 4 3	106 9 4	8 9 0	2 0 0	0 13 6	..	117 11 10	(Dr.) 43 7 7	..	..	..	..	66 7 1
3. Barwon Heads–Ocean Grove	4,025 14 11	4,053 6 0	258 16 6	563 0 0	20 15 8	..	4,895 18 2	(Dr.) 870 3 3	7 13 5	(B) 27 15 7	..	..	2,600 6 8
4. Beeriwillock	342 16 4	518 6 7	0 2 2	16 0 0	0 1 5	..	534 10 2	(Dr.) 191 13 10	..	..	216 18 8	103 19 3	..
5. Berwick	1,694 8 9	1,162 13 1	635 13 8	262 0 0	48 17 0	..	2,109 3 9	(Dr.) 414 15 0	..	..	..	..	1,998 6 9
6. Birregurra	788 15 6	804 19 8	..	111 0 0	..	..	915 19 8	(Dr.) 127 4 2	..	..	..	451 7 5	..
5. Brim	342 4 5	533 15 4	10 17 1	31 0 0	0 18 7	..	576 11 0	(Dr.) 234 6 7	7 4 10	(B) 3 10 0	..	..	104 18 2
8. Camperdown	7,211 15 10	5,327 13 3	1,771 18 4	687 0 0	140 2 8	..	7,926 14 3	(Dr.) 714 18 5	..	..	..	..	24 2 3
9. Chelsea–Frankston	37,613 14 1	25,938 16 4	7,161 19 5	3,859 0 0	553 11 9	5 8 2	37,518 15 8	(Cr.) 94 18 5	56 12 5	..	9,188 12 3	..	28,104 4 2
10. Cobden	2,283 2 4	1,922 18 5	414 18 9	169 0 0	32 17 4	..	2,539 14 6	(Dr.) 256 12 2	3 17 7	..	..	472 8 2	..
11. Cranbourne	641 3 6	511 2 10	19 7 6	74 0 0	1 12 10	..	606 3 2	(Cr.) 35 0 4	..	..	538 9 1	..	1,387 19 9
12. Culgoa	326 7 3	304 2 7	73 8 11	18 0 0	5 15 2	..	401 6 8	(Dr.) 74 19 5	..	..	..	388 4 11	..
13. Dandenong–Springvale	38,530 15 8	22,057 8 7	6,287 11 2	3,639 0 0	491 6 2	..	32,475 5 11	(Cr.) 6,055 9 9	183 14 2	(B) 0 0 6	3,601 18 7	..	46,866 14 3
14. Dimboola	3,087 18 8	2,403 5 0	355 1 10	155 0 0	27 19 9	2 6 10	2,943 13 5	(Cr.) 144 5 3	2 5 6	..	..	..	1,565 0 10
15. Dromana–Portsea	18,832 9 5	11,701 2 3	4,574 15 3	2,073 0 0	350 4 2	..	18,699 1 8	(Cr.) 133 7 9	13 12 3	..	..	..	27,682 0 2
16. Jeparit	1,211 10 11	1,055 5 9	185 7 5	39 0 0	14 17 0	..	1,294 10 2	(Dr.) 82 19 3	..	..	..	..	513 5 9
17. Longwarry	1,576 14 1	472 15 9	318 10 11	152 0 0	25 3 9	..	968 10 5	(Cr.) 608 3 8	..	..	..	..	3,219 19 9
18. Marnoo	276 19 10	213 17 11	43 18 11	33 0 0	3 11 0	..	294 7 10	(Dr.) 17 8 0	34 8 0	..	..	..	376 11 4
19. Merbein	2,932 16 5	3,072 10 8	132 2 7	137 0 0	10 17 0	..	3,352 10 3	(Dr.) 419 13 10	..	..	510 10 1	740 13 8	..
20. Minyip	1,140 13 1	1,179 0 4	100 5 4	75 0 0	8 1 8	3 12 0	1,365 19 4	(Dr.) 225 6 3	20 6 11	(B) 0 14 0	..	162 3 1	..
21. Mornington	8,749 14 0	5,796 6 11	1,721 19 9	1,221 0 0	135 15 0	..	8,875 1 8	(Dr.) 125 7 8	4 17 10	(B) 0 12 0	..	..	11,849 6 5
22. Natimuk	508 6 10	457 7 8	133 0 10	50 0 0	10 7 2	1 12 6	652 8 2	(Dr.) 144 1 4	..	..	..	163 6 2	..
23. Pakenham	2,784 15 1	1,016 3 4	442 16 8	180 0 0	34 16 1	..	1,673 16 1	(Cr.) 1,110 19 0	1 19 0	..	..	..	4,744 19 11
24. Pinpinio	6 17 5	4 5 2	..	..	..	..	4 5 2	(Cr.) 2 12 3	..	..	..	1 13 6	..
25. Pyramid Hill	746 16 6	790 11 3	42 5 2	39 0 0	3 9 0	..	875 5 5	(Dr.) 128 8 11	16 4 7	..	..	..	797 2 9
26. Queenscliff–Point Lonsdale	5,971 9 8	5,248 5 11	526 14 11	1,118 0 0	42 2 8	..	6,935 3 6	(Dr.) 963 13 10	6 11 0	..	..	7,176 5 6	..
27. Rainbow	1,246 17 7	1,094 8 9	246 5 10	48 0 0	19 10 6	..	1,408 5 1	(Dr.) 161 7 6	..	..	..	..	3,612 5 11
28. Rupanyup	1,079 10 4	1,021 14 4	135 9 9	57 0 0	10 17 2	..	1,225 1 3	(Dr.) 145 10 11	1 0 0	..	..	14 0 1	..
29. Somerville	502 14 5	355 9 8	150 4 1	80 0 0	11 15 10	0 8 8	597 18 3	(Dr.) 95 3 10	..	..	..	..	540 4 1
30. South Frankston	4,603 4 1	2,332 16 0	869 15 6	526 0 0	68 17 10	..	3,797 9 4	(Cr.) 805 14 9	3 7 6	(A) 1 3 6	..	..	6,241 10 0
31. Terang	4,932 15 2	3,815 19 9	910 9 0	541 0 0	72 5 8	..	5,339 14 5	(Dr.) 356 19 3	..	(B) 0 0 3	..	..	197 10 9
32. Watchem	478 4 4	627 15 2	4 0 5	35 0 0	0 8 0	..	667 3 7	(Dr.) 188 19 3	..	..	140 17 2	418 11 4	..
Total	155,044 4 9	106,307 12 3	27,562 11 1	16,013 0 0	2,149 13 3	13 8 2	152,046 4 9	{(Dr.) 5,992 11 2 / (Cr.) 8,990 11 2}	363 15 0	{(A) 1 3 6 / (B) 32 12 4}	14,197 5 10	10,092 13 1	142,744 0 7

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

33. Anglesea	1,181 12 3	1,519 1 3	0 17 8	103 0 0	0 1 6	..	1,623 0 5	(Dr.)	441 8 2	0 11 4	..	1,638 15 9	1,029 14 9	..	..
34. Beulah	649 10 10	988 18 0	0 1 7	23 0 0	..	..	1,011 19 7	(Dr.)	362 8 9	..	(B) 1 0 0	96 18 2	193 7 5	..	..
35. Birchip	1,893 4 4	2,140 2 1	..	84 0 0	..	..	2,224 2 1	(Dr.)	330 17 9	..	..	873 6 5	3,068 16 0	..	..
36. Bittern	153 2 6	218 0 9	0 9 4	42 0 0	0 1 0	..	260 11 1	(Dr.)	107 8 7	0 17 3	..	..	312 9 7	..	..
37. Bunyip	740 7 11	403 17 8	58 3 4	112 0 0	4 8 9	..	578 9 9	(Cr.)	161 18 2	..	..	474 1 9	..	1,991 8 11	..
38. Carwarp	59 9 2	64 3 4	..	6 0 0	..	..	70 3 4	(Dr.)	10 14 2	..	..	..	..	264 18 5	..
39. Chillingollah	155 11 11	164 2 7	..	8 0 0	..	..	172 2 7	(Dr.)	16 10 8	..	..	218 18 1	115 4 7	..	..
40. Chinkapook	155 8 8	207 14 3	..	8 0 0	..	..	215 14 3	(Dr.)	60 5 7	..	..	157 15 3	977 11 4	..	..
41. Crib Point	744 17 1	876 1 11	74 16 8	160 0 0	6 0 3	..	1,116 18 10	(Dr.)	372 1 9	..	..	..	224 12 0	..	..
42. Dooen	40 6 10	103 14 5	0 10 2	11 0 0	0 1 0	..	115 5 7	(Dr.)	74 18 9	..	..	130 4 9	..	79 12 2	..
43. Drysdale	979 10 11	1,066 13 8	1 2 11	178 0 0	0 1 11	..	1,245 18 6	(Dr.)	266 7 7	..	..	326 16 1	..	663 16 0	..
44. Garfield	616 10 3	263 9 6	100 1 3	47 0 0	7 12 8	..	418 3 5	(Cr.)	198 6 10	..	..	381 5 7	..	1,349 1 7	..
45. Hastings	724 0 0	754 9 3	0 3 9	184 0 0	..	..	938 13 0	(Dr.)	214 13 0	3 3 0	..	448 13 9	214 7 6	..	..
46. Hopetoun	1,320 4 5	1,683 13 5	0 14 3	61 0 0	0 1 2	..	1,745 8 10	(Dr.)	425 4 5	..	(B) 1 3 0	580 2 10	..	431 8 11	..
47. Jung Jung	250 10 7	462 6 7	0 0 11	45 0 0	..	..	507 7 6	(Dr.)	256 16 11	..	..	540 2 11	1,482 5 7	..	..
48. Koondrook	849 4 0	1,367 14 6	..	64 0 0	..	..	1,431 14 6	(Dr.)	582 10 6	..	..	408 17 3	3,399 4 8	..	..
49. Lake Boga	721 13 6	1,146 0 7	2 17 4	68 0 0	0 4 9	..	1,217 2 8	(Dr.)	495 9 2	60 11 3	..	558 14 5	3,927 7 8	..	..
50. Lalbert	287 5 4	240 17 11	2 19 2	42 0 0	0 6 9	..	286 3 10	(Cr.)	1 1 6	..	..	43 8 7	1,389 12 8	..	..
51. Lascelles	228 13 10	570 13 10	0 10 2	21 0 0	0 1 0	..	592 5 0	(Dr.)	363 11 2	..	(B) 0 0 6	411 15 11	617 3 8	..	..
52. Manangatang	678 8 0	1,180 2 0	53 12 5	33 0 0	4 6 6	..	1,271 0 11	(Dr.)	592 12 11	..	..	..	1,659 17 2	..	..
53. Meringur	150 4 5	331 17 8	0 2 7	13 0 0	..	..	345 0 3	(Dr.)	194 15 10	..	..	..	582 5 4	..	..
54. Mitiamo	361 10 9	375 2 8	..	39 0 0	..	8 19 8	423 2 4	(Dr.)	61 11 7	..	..	..	2,105 19 2	..	..
55. Nandaly	128 7 11	170 12 0	0 1 11	9 0 0	..	..	179 13 11	(Dr.)	51 6 0	3 2 4	(B) 0 11 0	..	743 7 10	..	..
56. Newstead	933 5 11	1,447 16 7	57 16 8	58 0 0	4 11 1	..	1,568 4 4	(Dr.)	634 18 5	..	..	..	3,255 12 0	..	..
57. Nullawil	168 10 1	224 17 8	9 4 2	10 0 0	0 15 10	..	244 17 8	(Dr.)	76 7 7	..	..	..	223 15 3	..	..
58. Nyah	358 19 3	445 0 11	..	31 0 0	..	..	476 0 11	(Dr.)	117 1 8	..	..	48 2 10	239 14 1	..	..
59. Nyah West	999 14 7	989 18 9	..	116 0 0	..	..	1,105 18 9	(Dr.)	106 4 2	..	(B) 1 15 7	..	..	688 8 5	..
60. Ouyen	3,352 11 1	3,693 17 11	1 19 10	111 0 0	0 4 7	0 6 0	3,807 8 4	(Dr.)	454 17 3	2 15 10	(B) 384 1 5*	..	1,453 6 2	..	..
61. Patchewollock	283 17 1	380 10 2	0 0 11	17 0 0	..	..	397 11 1	(Dr.)	113 14 0	3 0 4	..	..	23 7 3	..	..
62. Piangil	355 12 11	469 14 6	..	52 0 0	..	..	521 14 6	(Dr.)	166 1 7	..	..	..	667 2 2	..	..
63. Pootarlington	1,320 18 5	1,688 11 0	2 6 7	310 0 0	0 3 11	..	2,001 1 6	(Dr.)	680 3 1	..	..	1,724 12 7	3,804 9 6	..	..
64. Quambatook	569 4 11	604 15 10	0 1 11	43 0 0	..	..	647 17 9	(Dr.)	78 12 10	..	..	..	156 13 9	..	..
65. Sea Lake	1,299 8 10	1,181 7 5	50 5 1	75 0 0	4 2 2	..	1,310 14 8	(Dr.)	11 5 10	5 13 0	..	..	252 19 9	..	..
66. Speed	154 7 5	314 2 3	0 0 7	19 0 0	..	..	333 2 10	(Dr.)	178 15 5	..	..	..	698 3 8	..	..
67. Tempy	135 17 10	330 0 0	0 10 7	17 0 0	0 1 0	..	347 11 7	(Dr.)	211 13 9	..	..	..	450 6 11	..	..
68. Torquay	2,530 6 0	2,599 9 11	4 5 10	128 0 0	0 7 8	..	2,732 3 5	(Dr.)	201 17 5	1 8 4	(B) 5 8 4	1,755 7 7	..	455 15 1	..
69. Ultima	627 11 3	1,256 2 3	0 10 5	36 0 0	0 1 0	0 6 5	1,293 0 1	(Dr.)	665 8 10	..	..	..	2,053 17 10	..	..
70. Waitchie	89 5 5	124 2 1	..	18 0 0	..	..	142 2 1	(Dr.)	52 16 8	..	..	498 8 2	371 15 4	..	..
71. Walpeup	282 11 2	539 13 5	0 14 6	13 0 0	0 1 2	..	553 9 1	(Dr.)	270 17 11	..	..	..	565 19 10	..	..
72. Werrimull	398 4 2	500 11 11	0 0 11	42 0 0	..	..	542 12 10	(Dr.)	144 8 8	..	..	284 19 8	402 13 10	..	..
73. Wonthaggi	6,690 9 8	5,374 16 1	298 0 1	462 0 0	23 12 1	0 15 0	6,159 3 3	(Cr.)	531 6 5	10 12 1	..	..	..	2,715 18 9	..
74. Woomelang	656 13 5	955 10 1	0 9 2	65 0 0	0 1 0	..	1,021 0 3	(Dr.)	364 6 10	..	..	805 1 5	94 4 7	..	..
75. Woorinen	360 1 4	343 1 11	19 0 11	16 0 0	1 10 9	..	379 13 7	(Dr.)	19 12 3	..	..	..	324 3 7	..	..
76. Wycheproof	1,387 18 11	1,343 9 4	..	143 0 0	..	..	1,486 9 4	(Dr.)	98 10 5	..	..	..	1,434 19 2	..	..
77. Yaapeet	99 0 7	298 4 2	0 2 3	18 0 0	..	..	316 6 5	(Dr.)	217 5 10	99 7 8	..	..	616 3 4	..	..
Totals	36,124 5 8	41,405 4 0	742 15 10	3,161 0 0	58 19 6	10 7 1	45,378 6 5	(Dr.) (Cr.)	10,146 13 8 / 892 12 11	191 2 5	(B) 393 19 10	12,406 9 9	39,132 14 11	8,640 8 3	
GRAND TOTALS ..	191,168 10 5	147,712 16 3	28,305 6 11	19,174 0 0	2,208 12 9	23 15 3	197,424 11 2	(Dr.) (Cr.)	16,139 4 10 / 9,883 4 1	554 17 5	(A) 1 3 6 / (B) 426 12 2*	26,603 15 7	49,225 8 0	151,384 8 10	

* Includes Depreciation Charge in respect of previous years written back, £381 10s. 7d.

FLOOD PROTECTION DISTRICTS.

CASH ACCOUNT.

STATEMENT of Moneys received and disbursed from 1st July, 1920, to 30th June, 1952, also of Interest and Depreciation charged for Financial Year 1951–52.

District.	Receipts.		Expenditure.					Excess Receipts over Expenditure 1951–52.	Excess Expenditure over Receipts 1951–52.	Accumulated.		
	Receipts Year Ended 30th June, 1952.	Total 1920 to 30th June, 1952.	Year Ended 30th June, 1952.				Total 1920 to 30th June, 1952.			Surplus Credited to District Account, at 30th June, 1952.	Deficiency Chargeable to District Account at 30th June, 1952.	Deficiency Chargeable to State Account at 30th June, 1952.
			Operating Costs.	Interest.	Depreciation.	Total.						
	£ s. d.	£ s. d.	£ s. d.	£ s. d.	£ s. d.	£ s. d.	£ s. d.	£ s. d.	£ s. d.	£ s. d.	£ s. d.	£ s. d.
1. Cardinia	5,325 2 0	71,052 16 6	6,681 14 6	..	16 0 0	6,697 14 6	87,427 17 4	..	1,372 12 6	..	13,071 1 8	3,303 19 2
2. Kanyapella	136 8 3	6,918 11 11	67 0 0	..	5 0 0	72 0 0	5,070 7 1	64 8 3	..	1,848 4 10	..	..
3. Loch Garry	386 16 7	21,777 17 4	322 10 0	..	12 0 0	334 10 0	18,487 3 7	52 6 7	..	3,290 13 9	..	..
4. Lower Koo-wee-rup ..	11,197 17 6	138,401 3 0	13,965 3 11	..	56 0 0	14,021 3 11	160,875 4 9	..	2,823 6 5	..	14,525 0 1	7,949 1 8
Totals	17,046 4 4	238,150 8 9	21,036 8 5	..	89 0 0	21,125 8 5	271,860 12 9	116 14 10	4,195 18 11	5,138 18 7	27,596 1 9	11,253 0 10

PROFIT AND LOSS ACCOUNT FOR FINANCIAL YEAR 1951–52.

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

District.	Revenue Assessment.	Expenditure.					Profit and Loss.						
		Operating Costs.	Interest.	Depreciation.	Amounts Written Off.	Total	Excess Assessment over Expenditure.	Excess Expenditure over Assessment.	Revenue Due for Previous Years Written Off.	Adjustments of Revenue for Years Prior to 1951–52. (A) Loss. (B) Gain.	Interest and Other Losses Prior to 30th June, 1938, Borne by State. (Act No. 5017.)	Loss since 30th June, 1938.	Gain as at 30th June, 1952.
	£ s. d.	£ s. d.	£ s. d.	£ s. d.	£ s. d.	£ s. d.	£ s. d.	£ s. d.	£ s. d.	£ s. d.	£ s. d.	£ s. d.	£ s. d.
1. Cardinia	5,323 9 10	7,056 14 6	..	16 0 0	..	7,072 14 6	..	1,749 4 8	1 16 7	..	3,303 19 2	2,990 19 0	..
2. Kanyapella	131 14 4	67 0 0	..	5 0 0	..	72 0 0	59 14 4	..	..	..	..	..	1,922 8 5
3. Loch Garry	371 12 11	322 10 0	..	12 0 0	0 2 8	334 12 8	37 0 3	..	..	..	..	..	3,385 15 9
4. Lower Koo-wee-rup ..	10,996 4 6	13,965 3 11	..	56 0 0	23 5 0	14,044 8 11	..	3,048 4 5	70 17 0	..	7,949 1 8	13,672 12 5	..
Totals	16,823 1 7	21,411 8 5*	..	89 0 0	23 7 8	21,523 16 1	96 14 7	4,797 9 1	72 13 7	..	11,253 0 10	16,663 11 5	5,308 4 2

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

DRAINAGE DISTRICT.

CASH ACCOUNT.

STATEMENT of Moneys received and disbursed from 1st July, 1937, to 30th June, 1952; also of Depreciation charged for Financial Year 1951–52.

District.	Receipts.		Expenditure				Excess Receipts over Expenditure, 1951–52.	Excess Expenditure over Receipts, 1951–52.	Accumulated.		
			Year Ended 30th June, 1952.								
	Receipts 1951–52.	Total 1937, to 30th June, 1952.	Operating Costs.	Depreciation.	Total	Total 1937, to 30th June, 1952.			Surplus Credited to District Account at 30th June, 1952.	Deficiency Chargeable to District Account at 30th June, 1952.	Deficiency Chargeable to State Account at 30th June, 1952. (Inclusive of Column 9.)
1.	2.	3.	4.	5.	6.	7.	8.	9.	10.	11.	12.
	£ s. d.	£ s. d.	£ s. d.	£ s. d.	£ s. d.	£ s. d.	£ s. d.	£ s. d.	£ s. d.	£ s. d.	£ s. d.
1. Carrum	6,252 12 9	35,699 3 9	5,941 10 9	23 0 0	5,964 10 9	36,148 8 1	288 2 0	..	..	449 4 4	..
Total	6,252 12 9	35,699 3 9	5,941 10 9	23 0 0	5,964 10 9	36,148 8 1	288 2 0	..	..	449 4 4	..

PROFIT AND LOSS ACCOUNT FOR FINANCIAL YEAR 1951–52.

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

District.	Revenue Assessment.	Expenditure.				Profit and Loss.						
		Operating Costs.	Depreciation.	Amounts Written Off.	Total.	Excess Assessment over Expenditure.	Excess Expenditure over Assessment.	Revenue Due for Previous Years Written Off.	Adjustments to Revenue for Years Prior to 1951–52. (A) Loss. (B) Gain.	Interest and Other Losses Prior to 30th June, 1938, Borne by State. (Act No. 5017.)	Loss since 30th June, 1938.	Gain as at 30th June, 1952.
	£ s. d.	£ s. d.	£ s. d.	£ s. d.	£ s. d.	£ s. d.	£ s. d.	£ s. d.	£ s. d.	£ s. d.	£ s. d.	£ s. d.
1. Carrum	6,457 6 10	5,941 10 9	23 0 0	2 10 5	5,967 1 2	490 5 8	..	0 5 10	..	..	..	578 15 9
Total	6,457 6 10	5,941 10 9	23 0 0	2 10 5	5,967 1 2	490 5 8	..	0 5 10	..	..	..	578 15 9

SUMMARY OF CASH ACCOUNTS, 1951–52.

Works.	Receipts.		Expenditure.					Excess Receipts over Expenditure. (D) Excess Expenditure over Receipts, 1951–52.	Accumulated Surplus or Deficiency at 30th June, 1952.	
			Year Ended 30th June, 1952.							
	Year Ended 30th June, 1952.	Total 1906 to 30th June, 1952.	Operating Costs.	(A) Interest. (B) Redemption.	Depreciation.	Total.	Total 1906 to 30th June, 1952.		(D) Chargeable; or (S) Credited to District Account.	Chargeable to State Account (Inclusive of (Column 9).
1.	2.	3.	4.	5.	6.	7.	8.	9.	10.	11.
	£ s. d.	£ s. d.	£ s. d.	£ s. d.	£ s. d.	£ s. d.	£ s. d.	£ s. d.	£ s. d.	£ s. d.
Central Plant Workshops, Bendigo	23,472 2 4	53,060 17 3	39,777 16 7	(A) 529 1 10	1,245 0 0	41,551 18 5	119,736 19 2	(D) 18,079 16 1	(D) 66,676 1 11	..
Coliban System	85,405 0 10	2,143,148 0 3	106,709 6 2	(A) 9,611 17 8	8,345 0 0	124,666 3 10	3,160,638 7 5	(S) 1,342 3 10 (D) 40,603 6 10	(S) 882 17 8 (D) 14,912 7 7	1,003,460 17 3
Irrigation Districts—										
Pumping	208,051 10 7	2,788,966 19 10	261,475 18 11	..	22,188 0 0	283,663 18 11	3,329,112 10 9	(D) 75,612 8 4	(D) 108,096 4 9	432,049 6 2
Gravitation	437,595 10 4	7,923,562 1 7	570,827 8 3	..	25,381 0 0	596,208 8 3	8,821,637 5 10	(S) 120 8 1 (D) 158,733 6 0	(S) 34,487 9 5 (D) 393,431 13 3	539,131 0 5
Irrigation Urban Divisions	12,352 0 4	214,910 18 5	15,189 1 10*	(A) 487 4 0 (B) 21 14 7	908 6 3	16,606 6 8	220,718 16 1	(S) 408 17 9 (D) 4,663 4 1	(S) 1,350 0 5 (D) 3,574 9 3	3,583 8 10
Waterworks Districts	226,918 16 7	5,110,968 8 6	428,133 6 6	(A) 8,613 14 11 (B) 232 3 6	15,219 0 0	452,198 4 11	7,815,704 5 5	(S) 2,750 1 3 (D) 228,029 9 7	(S) 46,423 11 2 (D) 315,375 4 7	2,435,784 3 6
Waterworks Urban Districts	180,368 17 11	2,625,419 0 11	147,712 16 3	(A) 28,305 6 11 (B) 1,242 17 7	19,174 0 0	196,435 0 9	2,595,797 7 0	(S) 10,286 2 7 (D) 26,352 5 5	(S) 120,868 9 11 (D) 19,288 16 6	71,957 19 6
Flood Protection Districts	17,046 4 4	238,150 8 9	21,036 8 5	..	89 0 0	21,125 8 5	271,860 12 9	(S) 116 14 10 (D) 4,195 18 11	(S) 5,138 18 7 (D) 27,596 1 9	11,253 0 10
Carrum Drainage District	6,252 12 9	35,699 3 9	5,941 10 9	..	23 0 0	5,964 10 9	36,148 8 1	(S) 288 2 0	(D) 449 4 4	
Totals	1,197,462 16 0	21,133,885 19 3	1,596,803 13 8*	(A) 47,547 5 4 (B) 1,496 15 8	92,572 6 3	1,738,420 0 11	26,371,354 12 6	(S) 15,312 10 4 (D) 556,269 15 3	(S) 209,151 7 2 (D) 949,400 3 11	4,497,219 16 6

* Includes £1,926 16s. 5d. Surplus of Assets over Liabilities transferred to Bacchus Marsh Local Governing Body.

SUMMARY OF PROFIT AND LOSS ACCOUNTS FOR FINANCIAL YEAR 1951–52.

Works.	Revenue Assessment.	Expenditure.						Profit and Loss.					
		Operating Costs.	Interest.	Depreciation.	Redemption.	Amounts Written Off.	Total.	Excess— (Cr.) Assessment. (Dr.) Expenditure for Year.	Revenue Due for Previous Years Written Off.	Adjustments to Revenue for Years prior to 1951–52. (A) Loss. (B) Gain.	Interest and Other Losses prior to 30th June, 1938, Borne by State. (Act No. 5017.)	Loss since 30th June, 1938.	Gain as at 30th June, 1952.
	£ s. d.	£ s. d.	£ s. d.	£ s. d.	£ s. d.	£ s. d.	£ s. d.		£ s. d.	£ s. d.	£ s. d.	£ s. d.	£ s. d.
Central Plant Workshops, Bendigo	28,759 17 11	39,777 16 7	529 1 10	1,245 0 0	44 1 10	..	41,596 0 3	(B) 12,836 2 4	..	..	..	40,591 3 7	..
Coliban System ..	94,941 5 6	106,709 6 2	9,611 17 8	8,345 0 0	733 1 10	5 4 8	125,404 10 4	(A) 1,352 19 5 (B) 31,816 4 3	51 14 11	(B) 1 19 2	828,373 18 10	183,431 15 6	884 0 9
Irrigation Districts—													
Pumping ..	202,767 7 5	261,475 18 11	..	22,188 0 0	..	91 12 3	283,755 11 2	(B) 80,988 3 9	274 0 1	(A) 28 14 10 (B) 22 10 4	142,937 14 11	385,046 5 11	..
Gravitation ..	464,487 7 5	570,827 8 3	..	25,381 0 0	..	8,491 3 1	604,699 11 4	(A) 133 6 6 (B) 140,345 10 5	867 11 11	(A) 59 9 11 (B) 722 14 0	529,255 8 2	345,701 4 11	73,049 12 3
Irrigation Urban Divisions	12,670 5 9	15,189 1 10‡	487 4 0	908 6 3	35 3 2	0 14 2	16,620 9 5	(A) 772 2 6 (B) 4,722 6 2	2 9 0	(B) 91 4 8	408 19 7	5,345 13 7	1,992 7 2
Waterworks Districts	228,216 16 7	428,133 6 6	8,613 14 11	15,219 0 0	674 4 10	2,439 6 5	455,079 12 8	(A) 6,190 3 11 (B) 233,053 0 0	3,085 7 3	(A) 76 8 5 (B)23,763 7 3	677,688 8 2	2,033,696 12 6	55,601 15 11
Waterworks Urban Districts	191,168 10 5	147,712 16 3	28,305 6 11	19,174 0 0	2,208 12 9	23 15 3	197,424 11 2	(A) 9,883 4 1 (B) 16,139 4 10	554 17 5	(A) 1 3 6 (B) 426 12 2	26,603 15 7	49,225 8 0	151,384 8 10
Flood Protection Districts	16,823 1 7	21,411 8 5*	..	89 0 0	..	23 7 8	21,523 16 1	(A) 96 14 7 (B) 4,797 9 1	72 13 7	..	11,253 0 10	16,663 11 5	5,308 4 2
Carrum Drainage District	6,457 6 10	5,941 10 9	..	23 0 0	..	2 10 5	5,967 1 2	(A) 490 5 8	0 5 10	..	..	..	578 15 9
Totals ..	1,246,291 19 5	1,597,178 13 8*‡	47,547 5 4	92,572 6 3	3,695 4 5	11,077 13 11	1,752,071 3 7	(A) 18,918 16 8 (B) 524,698 0 10	4,909 0 0	(A) 165 16 8 (B)25,028 7 7†	2,216,521 6 1	3,059,701 15 5	288,799 4 10

* Includes £375 instalment on Capitalized Maintenance.

† Includes £23,300 3s. 2d. Depreciation charged against previous years, written back.

‡ Includes £1,926 16s. 5d. Surplus of Assets over Liabilities transferred to Bacchus Marsh Local Governing Body.

DISTRICT BALANCE-SHEETS AS AT 30TH JUNE, 1952.

District.	Liabilities.						Assets.					
	Capital Borne by— (A) State. (B) District.	Redemption Account.	Depreciation Reserve Account.	Sundry Creditors.	Accumulated Deficiency Chargeable to— (A) State Account. (B) District Account.	Profit and Loss Account. Gain.	Works at Cost.	Water Supply Works Depreciation Fund.	Sundry Debtors.	Accumulated Surplus Credited to District Account.	Profit and Loss Account. Loss since 30th June, 1938.	Profit and Loss Account. Interest and Other Losses prior to 30th June, 1938, Borne by State. (Act No. 5017.)
	£ s. d.	£ s. d.	£ s. d.	£ s. d.	£ s. d.	£ s. d.	£ s. d.	£ s. d.	£ s. d.	£ s. d.	£ s. d.	£ s. d.
CENTRAL PLANT WORKSHOPS.												
1. Bendigo	(A) 185,424 2 5 (B) 17,636 8 0	210 13 8	5,472 14 5	..	(B) 66,676 1 11	..	203,061 0 6	5,472 14 5	26,295 1 11	..	40,591 3 7	..
COLIBAN SYSTEM.												
1. Harcourt	(A) 17,257 3 9	232 18 6	188 15 4	..	..	884 0 9	17,490 2 3	188 15 4	1 3 1	882 17 8	..	..
Totals	(A) 17,257 3 9	232 18 6	188 15 4	..	..	884 0 9	17,490 2 3	188 15 4	1 3 1	882 17 8	..	..

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

2. Axe Creek	(A) 4,976 12 1	..	..	0 16 0	(A) 207 0 6 (B) 972 10 0	..	4,976 12 1	..	60 10 11	..	1,119 15 7	..
3. Coliban	(A) 2,115,714 12 11 (B) 293,199 19 6	11,408 12 3	52,960 14 6	118 11 0	(A) 1,002,361 14 7 (B) 13,729 8 9	..	2,408,914 12 5	52,960 14 6	17,982 12 3	..	181,261 15 6	828,373 18 10
4. Marong	(A) 2,105 18 11 (B) 22 18 10	14 18 4	693 16 4	..	(A) 892 2 2 (B) 210 8 10	..	2,142 19 10	693 16 4	53 2 10	..	1,050 4 5	..
Totals	(A) 2,122,797 3 11 (B) 293,222 18 4	11,423 10 7	53,654 10 10	119 7 0	(A) 1,003,460 17 3 (B) 14,912 7 7	..	2,416,034 4 4	53,654 10 10	18,096 6 0	..	183,431 15 6	828,373 18 10
Grand Total ..	(A) 2,140,054 7 8 (B) 293,222 18 4	11,656 9 1	53,843 6 2	119 7 0	(A) 1,003,460 17 3 (B) 14,912 7 7	884 0 9	2,433,524 6 7	53,843 6 2	18,097 9 1	882 17 8	183,431 15 6	828,373 18 10
	£3,518,153 13s. 10d.						£3,518,153 13s. 10d.					

DISTRICT BALANCE-SHEETS AS AT 30TH JUNE, 1952.

District.	Liabilities.						Assets.					
	Capital Borne by State.	Redemption Account.	Depreciation Reserve Account.	Sundry Creditors.	Accumulated Deficiency Chargeable to— (A) State Account. (B) District Account.	Profit and Loss Account. Gain.	Works at Cost.	Water Supply Works Depreciation Fund.	Sundry Debtors.	Accumulated Surplus Credited to District Account.	Profit and Loss Account. Loss since 30th June, 1938.	Profit and Loss Account. Interest and Other Losses prior to 30th June, 1938, Borne by State (Act No. 5017.)
	£ s. d.	£ s. d.	£ s. d.	£ s. d.	£ s. d.	£ s. d.	£ s. d.	£ s. d.	£ s. d.	£ s. d.	£ s. d.	£ s. d.
IRRIGATION DISTRICTS.												
1. Bacchus Marsh ..	187,633 13 7	968 9 4	507 2 2	0 17 4	(A) 21,170 8 3 (B) 15,037 14 6	..	188,602 2 11	507 2 2	707 7 9	..	14,331 4 1	21,170 8 3
2. Boort	287,070 9 8	215 13 8	1,497 1 0	12 6 8	(A) 1,620 15 3 (B) 47,977 0 8	..	287,286 3 4	1,497 1 0	687 5 8	..	47,302 1 8	1,620 15 3
3. Calivil	199,590 17 6	153 7 2	444 8 7	6 6 2	(A) 19,935 9 2	12,721 5 11	199,744 4 8	444 8 7	2,084 11 9	10,643 0 4	..	19,935 9 2
4. Campaspe	66,694 9 1	..	135 0 0	1 0 6	(A) 3,695 6 10	2,273 11 6	66,694 9 1	135 0 0	165 4 0	2,109 8 0	..	3,695 6 10
5. Central Gippsland (under construction)	1,277,416 18 0	..	..	..	..	..	1,277,416 18 0	..	..	..	..	..
6. Cohuna	870,678 6 4	4,025 5 5	2,182 18 11	11 16 6	(A) 15,145 0 10	8,685 6 11	874,703 11 9	2,182 18 11	5,750 1 7	2,947 1 10	..	15,145 0 10
7. Deakin	98,792 11 0	506 14 4	642 0 0	4 13 8	(A) 2,255 4 9 (B) 2,938 6 6	..	99,299 5 4	642 0 0	2,240 5 1	..	702 15 1	2,255 4 9
8. Dingee	94,299 19 8	198 0 9	231 14 6	1 14 2	(A) 4,766 11 5	1,946 10 7	94,498 0 5	231 14 6	469 15 1	1,478 9 8	..	4,766 11 5
9. Katandra	188,743 6 6	220 9 5	296 7 11	..	(A) 27,858 0 1	2,996 3 2	188,963 15 11	296 7 11	912 8 3	2,083 14 11	..	27,858 0 1
10. Kerang	389,024 15 10	1,110 12 9	1,086 16 4	3 7 0	(A) 3,766 6 2 (B) 13,268 3 7	..	390,135 8 7	1,086 16 4	5,366 12 6	..	7,904 18 1	3,766 6 2
11. Koondrook	487,500 4 1	1,307 4 9	1,373 0 0	16 7 0	(A) 52,391 9 8 (B) 17,489 18 6	..	488,807 8 10	1,373 0 0	4,030 5 0	..	13,476 0 6	52,391 9 8
12. Maffra–Sale	1,357,916 13 6	2,447 15 0	3,720 13 3	10 1 1	(A) 3,713 1 5 (B) 56,896 0 10	..	1,360,364 8 6	3,720 13 3	1,138 11 4	..	55,767 10 7	3,713 1 5
13. Murray Valley ..	3,057,575 14 6	136 0 0	1,621 10 0	100 12 1	..	28,315 0 8	3,057,711 14 6	1,621 10 0	15,696 14 7	12,718 18 2	..	..
14. Mystic Park	60,418 10 6	101 8 8	47 0 0	6 0 6	(A) 2,112 16 8 (B) 15,599 4 10	..	60,519 19 2	47 0 0	857 2 3	..	14,748 3 1	2,112 16 8
15. North Shepparton ..	375,844 0 0	1,052 13 5	777 7 4	15 8 6	(A) 42,760 2 0 (B) 3,358 2 5	..	376,896 13 5	777 7 4	818 12 7	..	2,554 18 4	42,760 2 0
16. Robinvale	562,064 13 9	..	24,795 17 10	..	(B) 49,605 4 10	..	562,064 13 9	24,795 17 10	160 1 7	..	49,445 3 3	..
17. Rochester	1,204,829 1 3	3,408 12 1	3,433 15 5	71 17 0	(A) 35,162 16 6	16,111 13 6	1,208,237 13 4	3,433 15 5	13,676 14 0	2,506 16 6	..	35,162 16 6
18. Rodney	1,589,695 6 1	2,342 14 3	8,857 17 1	34 8 2	(A) 86,159 15 7 (B) 42,563 10 10	..	1,592,038 0 4	8,857 17 1	15,814 10 10	..	26,783 8 2	86,159 15 7
19. Shepparton	506,061 19 9	899 3 8	2,280 16 1	0 6 0	(A) 60,912 11 9 (B) 21,150 11 9	..	506,961 3 5	2,280 16 1	1,733 10 4	..	19,417 7 5	60,912 11 9
20. South Shepparton ..	120,913 15 1	309 12 3	330 19 9	6 12 6	(A) 2,735 16 9 (B) 4,699 12 3	..	121,223 7 4	330 19 9	205 14 1	..	4,500 10 8	2,735 16 9
21. Swan Hill	487,410 2 9	1,033 7 8	10,819 10 9	47 4 3	(A) 6,236 10 6 (B) 53,510 11 1	..	488,443 10 5	10,819 10 9	4,395 6 3	..	49,162 9 1	6,236 10 6
22. Third Lake	51,777 17 8	82 3 11	85 0 0	1 0 0	(A) 2,439 2 2 (B) 4,064 6 9	..	51,860 1 7	85 0 0	400 17 4	..	3,664 9 5	2,439 2 2
23. Tongala–Stanhope ..	962,571 18 9	2,562 12 6	2,876 7 3	53 10 7	(A) 73,622 18 2 (B) 39,154 3 2	..	965,134 11 3	2,876 7 3	12,659 12 10	..	26,548 0 11	73,622 18 2
24. Tragowel Plains ..	796,789 19 9	1,461 1 9	2,823 14 7	1 3 6	(A) 42,840 6 8 (B) 41,997 2 10	..	798,251 1 6	2,823 14 7	4,397 9 6	..	37,600 16 10	42,840 6 8
25. Werribee	312,460 4 11	1,491 5 10	1,965 9 8	12 8 10	(A) 15,475 10 3 (B) 13,072 16 11	..	313,951 10 9	1,965 9 8	1,365 18 3	..	11,719 7 6	15,475 10 3
Totals	15,593,775 9 6	26,034 8 7	72,832 8 5	419 2 0	(A) 526,776 0 10 (B) 442,382 12 3	73,049 12 3	15,619,809 18 1	72,832 8 5	95,734 12 5	34,487 9 5	385,629 4 8	526,776 0 10

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

26. Fish Point	40,111 0 1	..	23 0 0	0 5 11	(A) 12,354 19 7 (B) 654 5 10	..	40,111 0 1	23 0 0	1,013 0 6	..	9,517 3 6	2,479 7 4
27. Nyah	276,995 16 11	54 19 10	13,023 19 4	4 16 6	(A) 56,628 4 7 (B) 11,264 15 0	..	277,050 16 9	13,023 19 4	4,621 11 3	..	32,978 16 11	30,297 7 11
28. Red Cliffs–Merbein ..	1,601,639 11 2	..	171,274 14 11	23 3 7	(A) 252,170 16 0 (B) 47,179 16 2	..	1,601,639 11 2	171,274 14 11	7,331 11 4	..	244,428 1 10	47,614 2 7
29. Tresco	126,456 12 9	..	3,740 15 0	123 5 6	(A) 123,250 5 7 (B) 46 8 9	..	126,456 12 9	3,740 15 0	199 11 6	..	58,194 3 11	65,026 4 5
Totals	2,045,203 0 11	54 19 10	188,062 9 3	151 11 6	(A) 444,404 5 9 (B) 59,145 5 9	..	2,045,258 0 9	188,062 9 3	13,165 14 7	..	345,118 6 2	145,417 2 3
Grand Totals ..	17,638,978 10 5	26,089 8 5	260,894 17 8	570 13 6	(A) 971,180 6 7 (B) 501,527 18 0	73,049 12 3	17,665,067 18 10	260,894 17 8	108,900 7 0	34,487 9 5	730,747 10 10	672,193 3 1
	£19,472,291 6s. 10d.						£19,472,291 6s. 10d.					

DISTRICT BALANCE-SHEETS AS AT 30TH JUNE, 1952.

District.	Liabilities.						Assets.					
	Capital Borne by— (A) State. (B) District.	Redemption Account.	Depreciation Reserve Account.	Sundry Creditors.	Accumulated Deficiency Chargeable to— (A) State Account. (B) District Account.	Profit and Loss Account. Gain.	Works at Cost.	Water Supply Works Depreciation Fund.	Sundry Debtors.	Accumulated Surplus Credited to District Account.	Profit and Loss Account. Loss since 30th June, 1938.	Profit and Loss Account. Interest and Other Losses prior to 30th June, 1938, Borne by State. (Act No. 5017.)
	£ s. d.	£ s. d.	£ s. d.	£ s. d.	£ s. d.	£ s. d.	£ s. d.	£ s. d.	£ s. d.	£ s. d.	£ s. d.	£ s. d.
URBAN DIVISIONS.												
1. Bacchus Marsh ..	..	..	..	..	(B) 13 0 3	..	..	..	13 0 3	..	..	..
2. Cohuna	(A) 7,110 14 9 (B) 3,160 3 8	210 11 0	1,528 7 1	0 0 5	..	749 19 3	10,464 14 1	1,528 7 1	495 16 10	270 18 2	..	..
3. Lockington	(A) 2,369 17 3 (B) 120 0 5	36 19 8	820 10 9	0 10 0	..	598 9 10	2,526 1 10	820 10 9	96 13 9	503 1 7	..	..
4. Macorna	(A) 1,487 18 0	..	70 2 4	0 1 0	(B) 343 15 7	..	1,487 18 0	70 2 4	0 4 10	..	343 11 9	..
5. Red Cliffs	(A) 30,356 13 11 (B) 1,624 2 5	266 7 4	2,839 9 1	7 2 8	(B) 2,638 7 10	..	32,219 4 8	2,839 9 1	665 11 4	..	2,007 18 2	..
6. Robinvale	(A) 11,790 9 3	..	377 3 3	2 13 1	(B) 395 15 7	..	11,790 9 3	377 3 3	285 16 3	..	112 12 5	..
7. Tallygaroopna	(A) 4,087 0 2	..	145 10 4	..	..	143 4 6	4,087 0 2	145 10 4	18 14 9	124 9 9	..	..
Totals	(A) 57,202 13 4 (B) 4,904 6 6	513 18 0	5,781 2 10	10 7 2	(B) 3,390 19 3	1,491 13 7	62,575 8 0	5,781 2 10	1,575 18 0	898 9 6	2,464 2 4	..

The Districts hereunder are those whose works will not produce sufficient revenue to cover the expenses 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 of these districts has been transferred to the "Revenue Expenditure Chargeable to the State Account." (By Authority of Orders in Council, dated 30th July, 1938, and 18th December, 1944, under the provisions of Section 6, *Water Act* 1937, No. 4513).

8. Corop	(A) 231 15 6	..	107 16 7	..	(A) 126 1 1	..	231 15 6	107 16 7	43 11 0	..	20 2 0	62 8 1
9. Dingee	(A) 1,674 3 11	..	157 18 5	..	(A) 316 13 2 (B) 152 13 10	..	1,674 3 11	157 18 5	5 12 6	..	370 4 0	93 10 6
10. Heyfield	(A) 25,336 16 2	..	759 10 2	5 12 6	(A) 1,148 3 0	..	25,336 16 2	759 10 2	377 14 6	..	615 1 10	160 19 2
11. Leitchville	(A) 4,188 15 4	23 19 8	320 6 2	0 1 0	(A) 574 17 5	..	4,212 15 0	320 6 2	22 12 3	..	552 6 2	..
12. Murrabit	(A) 1,030 18 3	..	528 10 7	1 0 0	(A) 1,417 14 2 (B) 30 16 2	..	1,030 18 3	528 10 7	33 11 3	..	1,323 17 3	92 1 10
13. Stanhope	(A) 5,876 5 0	21 4 4	665 11 10	..	..	500 13 7	5,897 9 4	665 11 10	49 2 8	451 10 11	..	..
Totals	(A) 38,338 14 2	45 4 0	2,539 13 9	6 13 6	(A) 3,583 8 10 (B) 183 10 0	500 13 7	38,383 18 2	2,539 13 9	532 4 2	451 10 11	2,881 11 3	408 19 7
Grand Totals ..	(A) 95,541 7 6 (B) 4,904 6 6	559 2 0	8,320 16 7	17 0 8	(A) 3,583 8 10 (B) 3,574 9 3	1,992 7 2	100,959 6 2	8,320 16 7	2,108 2 2	1,350 0 5	5,345 13 7	408 19 7
	£118,492 18s. 6d.						£118,492 18s. 6d.					

DISTRICT BALANCE-SHEETS AS AT 30TH JUNE, 1952.

District.	Liabilities.						Assets.					
	Capital Borne by— (A) State. (B) District.	Redemption Account.	Depreciation Reserve Account.	Sundry Creditors.	Accumulated Deficiency Chargeable to— (A) State Account. (B) District Account.	Profit and Loss Account. Gain.	Works at Cost.	Water Supply Works Depreciation Fund.	Sundry Debtors.	Accumulated Surplus Credited to District Account.	Profit and Loss Account. Loss since 30th June, 1938.	Profit and Loss Account. Interest and Other Losses prior to 30th June, 1938, Borne by State. (Act No. 5017.)
	£ s. d.	£ s. d.	£ s. d.	£ s. d.	£ s. d.	£ s. d.	£ s. d.	£ s. d.	£ s. d.	£ s. d.	£ s. d.	£ s. d.
WATERWORKS DISTRICTS.												
1. Bellarine Peninsula ..	(A) 373,953 18 5 (B) 83,187 4 2	2,950 13 10	*Dr.* 21,727 3 6	10 0 0	(A) 9,927 9 8 (B) 8,198 3 10	..	459,028 7 8	*Cr.* 21,727 3 6	1,433 17 3	..	7,837 15 4	9,927 9 8
2. East Loddon	(A) 2,287 14 1	3,281 9 1	..	1 0 3	..	1,057 12 5	5,569 3 2	..	67 9 0	991 3 8	..	..
3. Loddon	(A) 3,140 13 2	4,320 17 6	..	..	(B) 2,214 16 0	..	7,461 10 8	..	13 2 7	..	2,201 13 5	..
4. Mornington Peninsula ..	(A) 84,950 18 7 (B) 89,814 19 10	2,166 0 10	6,858 19 1	13 9 3	(A) 1,077 12 3	45,148 14 5	176,702 11 8	6,858 19 1	7,841 5 9	37,550 5 6	..	1,077 12 3
5. Newstead	(A) 4,636 6 10	..	..	..	..	304 0 0	4,636 6 10	..	..	304 0 0	..	..
6. Normanville	(A) 52,289 3 8	222 1 11	625 5 0	9 5 6	(B) 3,891 16 1	..	52,511 5 7	625 5 0	128 6 5	..	3,772 15 2	..
7. Otway	(A) 126,444 15 5 (B) 89,521 17 6	3,348 6 5	28,331 2 0	12 12 5	(B) 1,257 11 11	..	219,314 19 4	28,331 2 0	712 5 7	..	557 18 9	..
8. Werribee	(A) 12,495 1 4	82 12 10	..	..	(A) 2,221 10 10	599 3 1	12,577 14 2	..	57 15 3	541 7 10	..	2,221 10 10
9. Western Wimmera ..	(A) 384,847 3 7	177 10 2	7,857 3 8	0 5 0	(A) 13,428 5 1 (B) 55,718 6 11	..	385,024 13 9	7,857 3 8	2,155 18 9	..	53,562 13 2	13,428 5 1
10. West Loddon	(A) 9,636 12 1	3,764 7 3	..	15 5 4	(B) 1,983 11 2	..	13,400 19 4	..	36 17 4	..	1,961 19 2	..
11. Wimmera United ..	(A) 314,980 15 2	965 12 11	4,869 15 0	9 11 9	..	6,925 17 1	315,946 8 1	4,869 15 0	495 18 11	6,439 9 11	..	..
12. Wychitella	(A) 140,242 8 5	..	..	0 5 1	(B) 21,677 7 11	..	140,242 8 5	..	128 14 0	..	21,548 19 0	..
Totals	(A) 1,509,905 10 9 (B) 262,524 1 6	21,279 12 9	26,815 1 3	71 14 7	(A) 26,654 17 10 (B) 94,941 13 10	54,035 7 0	1,792,416 8 8	26,815 1 3	13,071 10 10	45,826 6 11	91,443 14 0	26,654 17 10
	£1,996,227 19s. 6d.						£1,996,227 19s. 6d.					

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

13. Birchip	(A) 142,508 4 11	382 17 0	..	0 3 1	(A) 39,341 9 9 (B) 5,077 15 6	..	142,891 1 11	..	213 6 5	..	20,362 0 7	23,844 1 4
14. Carwarp	(A) 42,153 16 7	..	3,212 8 3	3 9 6	(A) 106,341 4 1 (B) 3,539 8 8	..	42,153 16 7	3,212 8 3	1,359 11 9	..	54,977 11 8	53,546 18 10
15. Carwarp Central ..	(A) 2,400 3 5	..	151 18 9	..	(A) 6,176 12 3 (B) 763 19 2	..	2,400 3 5	151 18 9	111 7 8	..	5,402 18 9	1,426 5 0
16. Hindmarsh	(A) 20,822 10 0	103 4 3	2,672 19 1	..	(A) 1,344 15 4	..	20,925 14 3	2,672 19 1	137 3 10	..	1,207 11 6	..
17. Karkarooc	(A) 322,155 8 8	..	..	118 9 6	(A) 133,563 6 6 (B) 13,179 4 6	..	322,155 8 8	..	1,150 12 8	..	104,445 10 9	41,264 17 1
18. Kerang–North-west Lakes	(A) 4,064 7 10	..	..	0 0 6	(A) 2,003 5 2 (B) 83 3 9	..	4,064 7 10	..	94 1 11	..	1,160 17 1	831 10 5

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

DISTRICT BALANCE-SHEETS AS AT 30TH JUNE, 1952.

District.	Liabilities.						Assets.					
	Capital Borne by—(A) State. (B) District.	Redemption Account.	Depreciation Reserve Account.	Sundry Creditors.	Accumulated Deficiency Chargeable to—(A) State Account. (B) District Account.	Profit and Loss Account. Gain.	Works at Cost.	Water Supply Works Depreciation Fund.	Sundry Debtors.	Accumulated Surplus Credited to District Account.	Profit and Loss Account. Loss since 30th June, 1938.	Profit and Loss Account. Interest and Other Losses prior to 30th June, 1938, Borne by State. (Act No. 5017.)
	£ s. d.	£ s. d.	£ s. d.	£ s. d.	£ s. d.	£ s. d.	£ s. d.	£ s. d.	£ s. d.	£ s. d.	£ s. d.	£ s. d.
WATERWORKS DISTRICTS—*continued.*												
19. Long Lake	(A) 180,262 8 11	..	2,959 14 4	7 12 2	(A) 113,854 2 9 (B) 29,289 10 10	..	180,262 8 11	2,959 14 4	2,539 6 6	..	118,308 13 5	22,503 5 10
20. Millewa (including Millewa Central)	(A) 670,181 6 6	..	49,596 15 11	273 15 10	(A) 664,851 7 0 (B) 15,492 10 4	..	670,181 6 6	49,596 15 11	10,008 9 10	..	527,740 10 1	142,568 13 3
21. Onyen	(A) 277,558 8 9	..	3,179 19 7	45 2 4	(A) 308,438 11 1 (B) 76,353 10 6	..	277,558 8 9	3,179 19 7	4,222 5 5	..	318,554 14 11	62,060 3 7
22. Sea Lake	(A) 204,330 17 11	26 4 2	..	1 17 6	(A) 81,813 16 1 (B) 8,236 19 5	..	204,357 2 1	..	726 10 3	..	59,041 19 7	30,284 3 2
23. Tyntynder	(A) 298,562 1 8	..	357 9 2	4 0 9	(A) 218,131 2 1 (B) 22,208 9 1	..	298,562 1 8	357 9 2	5,966 1 9	..	153,883 5 2	80,494 5 0
24. Tyntynder North (formerly Coreena)	(A) 154,342 6 3	..	1,445 19 4	9 11 3	(A) 164,559 7 3 (B) 10,336 17 0	..	154,342 6 3	1,445 19 4	5,309 5 0	..	117,333 5 1	52,263 5 5
25. Tyrrell	(A) 249,887 8 0	..	126 16 1	1 7 2	(A) 271,597 7 3 (B) 15,805 16 7	..	249,887 8 0	126 16 1	2,512 13 3	..	229,827 13 2	55,064 4 7
26. Tyrrell West	(A) 165,960 1 3	..	676 2 2	10 4 1	(A) 198,877 2 6 (B) 10,613 19 9	..	165,960 1 3	676 2 2	1,333 3 0	..	171,449 8 10	36,118 14 6
27. Upper Western Wimmera	(A) 90,968 14 10	..	169 1 2	0 10 0	(A) 5,283 6 2	..	90,968 14 10	169 1 2	237 6 3	..	5,046 9 11	..
28. Upper Wimmera United	(A) 126,022 16 7	1,003 7 5	..	8 9 11	(A) 10,884 2 7 (B) 4,359 16 0	..	127,026 4 0	..	234 0 10	..	14,966 7 7	52 0 1
29. Walpeup West	(A) 35,957 17 11	..	*Dr.* 1,629 15 6	62 2 3	(A) 8,197 6 11	1,566 8 11	35,957 17 11	*Cr.* 1,629 15 6	1,031 6 11	597 4 3	..	8,197 6 11
30. Wycheproof	(A) 245,869 15 7	1,148 11 7	..	28 5 9	(A) 59,919 19 9 (B) 4,504 1 10	..	247,018 7 2	..	461 1 0	..	26,942 9 11	37,048 16 5
31. Yelta	(A) 6,237 5 5	..	..	0 0 3	(A) 13,951 1 2 (B) 1,488 7 10	..	6,237 5 5	..	172 19 10	..	11,601 10 6	3,664 18 11
Totals	(A) 3,240,246 1 0	2,664 4 5	62,919 8 4	575 1 10	(A) 2,409,129 5 8 (B) 220,433 10 9	1,566 8 11	3,242,910 5 5	62,919 8 4	37,820 14 1	597 4 3	1,942,252 18 6	651,033 10 4
Grand Totals	(A) 4,750,151 11 9 (B) 262,524 1 6	23,943 17 2	89,734 9 7	646 16 5	(A) 2,435,784 3 6 (B) 315,375 4 7	55,601 15 11	5,035,326 14 1	89,734 9 7	50,892 4 11	46,423 11 2	2,033,696 12 6	677,688 8 2
	£7,933,762 0s. 5d.						£7,933,762 0s. 5d.					

DISTRICT BALANCE-SHEETS AS AT 30TH JUNE, 1952.

District.	Liabilities.						Assets.					
	Capital Borne by—(A) State. (B) District.	Redemption Account.	Depreciation Reserve Account.	Sundry Creditors.	Accumulated Deficiency Chargeable to (A) State Account. (B) District Account.	Profit and Loss Account. — Gain.	Works at Cost.	Water Supply Works Depreciation Fund.	Sundry Debtors.	Accumulated Surplus Credited to District Account.	Profit and Loss Account. Loss since 30th June, 1938.	Profit and Loss Account. Interest and Other Losses prior to 30th June, 1938, Borne by State. (Act No. 5017).
	£ s. d.	£ s. d.	£ s. d.	£ s. d.	£ s. d.	£ s. d.	£ s. d.	£ s. d.	£ s. d.	£ s. d.	£ s. d.	£ s. d.
URBAN DISTRICTS.												
1. Allansford	(A) 2,288 10 2 (B) 811 11 2	29 1 9	236 1 11	0 5 2	..	251 3 10	3,127 1 2	236 1 11	56 10 0	197 0 11	..	..
2. Antwerp	(A) 452 17 8 (B) 257 14 1	16 19 2	40 19 4	..	..	66 7 1	722 17 8	40 19 4	25 16 9	45 3 7	..	..
3. Barwon Heads and Ocean Grove	(A) 54,174 10 0 (B) 7,902 14 8	431 5 2	*Dr.* 4,084 17 3	26 2 2	..	2,600 6 8	62,487 14 2	*Cr.* 4,084 17 3	1,480 19 11	1,166 4 7	..	..
4. Berriwillock	(A) 7,793 1 8 (B) 3 5 5	25 2 2	96 1 4	0 1 0	(A) 216 18 8 (B) 174 16 10	..	7,821 5 0	96 1 4	71 2 10	..	103 19 3	216 18 8
5. Berwick	(A) 8,709 19 4 (B) 19,411 16 10	185 17 3	4,252 18 3	21 7 8	..	1,998 6 9	28,250 15 2	4,252 18 3	208 5 7	1,868 7 1	..	..
6. Birregurra	(A) 35,405 3 1	..	374 8 5	5 9 4	(B) 697 2 9	..	35,405 3 1	374 8 5	251 4 8	..	451 7 5	..
7. Brim	(A) 9,037 9 2 (B) 332 8 6	46 10 1	574 12 5	0 7 2	..	104 18 2	9,409 17 7	574 12 5	95 12 1	16 3 5	..	..
8. Camperdown	(A) 45,652 11 6 (B) 54,062 13 7	2,131 0 6	9,493 6 3	1 11 3	(B) 371 11 7	24 2 3	101,706 2 11	9,493 6 3	537 7 9	..	..	..
9. Chelsea Frankston	(A) 392,430 1 1 (B) 218,475 7 10	5,169 17 4	37,251 2 4	22 10 7	(A) 9,188 12 3	28,404 4 2	615,521 14 6	37,251 2 4	9,016 13 9	19,663 12 9	..	9,188 12 3
10. Cobden	(A) 14,179 10 5 (B) 12,654 7 3	524 3 1	2,294 9 3	2 3 0	(B) 620 9 10	..	27,325 3 5	2,294 9 3	183 2 0	..	472 8 2	..
11. Cranbourne	(A) 6,519 2 10 (B) 590 5 9	66 17 5	397 14 0	0 4 2	(A) 538 9 1	1,387 19 9	7,176 6 0	397 14 0	48 9 8	1,339 14 3	..	538 9 1
12. Culgoa	(A) 2,163 9 2 (B) 2,239 16 5	102 18 7	52 11 7	0 0 6	(B) 368 11 9	..	4,465 18 0	52 11 7	20 13 6	..	388 4 11	..
13. Dandenong-Springvale	(A) 328,167 10 1 (B) 190,959 7 8	5,564 6 10	38,080 0 1	99 17 10	(A) 3,601 18 7	46,866 14 3	524,691 4 7	38,080 0 1	5,356 13 3	41,609 18 10	..	3,601 18 7
14. Dimboola	(A) 8,934 6 11 (B) 10,830 1 6	476 18 11	1,512 15 5	4 11 6	..	1,565 0 10	20,129 8 4	1,512 15 5	1,665 10 9	16 0 7	..	..
15. Dromana–Portsea	(A) 105,759 9 11 (B) 139,528 18 11	892 9 2	22,401 14 6	16 14 1	..	27,682 0 2	245,830 13 10	22,401 14 6	4,895 13 10	23,153 4 7	..	..
16. Garvoc	(A) 51 4 8	..	..	..	..	..	51 4 8	..	..	..	..	..
17. Jeparit	(A) 7,988 8 8 (B) 5,653 5 8	316 10 6	547 9 4	2 19 5	..	513 5 9	13,928 10 10	547 9 4	495 19 2	50 0 0	..	..
18. Longwarry	(A) 2,950 6 4 (B) 9,667 1 6	384 16 11	2,077 17 8	1 14 3	..	3,219 19 9	13,002 4 9	2,077 17 8	154 16 3	3,066 17 9	..	..
19. Marnoo	(A) 2,819 16 1 (B) 1,333 9 2	86 1 3	905 0 7	1 5 2	..	376 11 4	4,239 6 6	905 0 7	12 4 5	365 12 1	..	..
20. Merbein	(A) 20,413 19 8 (B) 4,029 19 8	342 14 0	915 7 11	1 5 4	(A) 510 10 1 (B) 1,442 13 8	..	24,754 2 4	915 7 11	735 16 4	..	740 13 8	510 10 1
21. Minyip	(A) 7,355 19 1 (B) 3,060 18 6	228 5 3	92 12 10	9 17 5	(B) 181 2 8	..	10,588 11 6	92 12 10	85 8 4	..	162 3 1	..
22. Mornington	(A) 60,260 0 3 (B) 52,670 1 6	2,037 9 4	12,029 17 4	60 19 1	..	11,849 6 5	114,560 6 1	12,029 17 4	3,130 13 7	9,186 16 11	..	..
23. Nar-Nar-Goon and Tynong	(A) 140 9 1	..	..	..	..	..	140 9 1	..	..	..	..	..
24. Natimuk	(A) 875 5 8 (B) 4,057 19 0	156 18 1	1,103 12 6	0 10 0	(B) 296 4 2	..	5,018 12 5	1,103 12 6	204 18 4	..	163 6 2	..
25. Officer	(A) 850 4 6	..	..	..	..	..	850 4 6	..	..	..	..	..
26. Pakenham	(A) 2,270 13 9 (B) 13,467 4 10	455 1 5	3,471 16 1	15 0 2	..	4,744 19 11	16,193 0 0	3,471 16 1	275 10 11	4,484 9 2	..	..
27. Pimpinio	..	..	..	0 0 10	(B) 5 0 6	..	..	..	3 7 10	..	1 13 6	..
28. Pyramid Hill	(A) 5,729 9 1 (B) 1,288 15 10	107 14 6	796 16 11	..	..	797 2 9	7,108 14 5	796 16 11	95 13 2	718 14 7	..	..

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

DISTRICT BALANCE-SHEETS AS AT 30TH JUNE, 1952.

District.	Liabilities.						Assets.					
	Capital Borne by— (A) State. (B) District.	Redemption Account.	Depreciation Reserve Account.	Sundry Creditors.	Accumulated Deficiency Chargeable to— (A) State Account. (B) District Account.	Profit and Loss Account. Gain.	Works at Cost.	Water Supply Works Depreciation Fund.	Sundry Debtors.	Accumulated Surplus Credited to District Account.	Profit and Loss Account. Loss since 30th June, 1938.	Profit and Loss Account. Interest and Other Losses prior to 30th June, 1938, Borne by State. (Act No. 5017.)
	£ s. d.	£ s. d.	£ s. d.	£ s. d.	£ s. d.	£ s. d.	£ s. d.	£ s. d.	£ s. d.	£ s. d.	£ s. d.	£ s. d.
URBAN DISTRICTS—*continued.*												
29. Queenscliff and Point Lonsdale	(A) 103,723 12 2 (B) 16,089 2 6	848 3 6	2,116 14 2	23 10 6	(B) 9,406 11 11	..	120,576 12 10	2,116 14 2	2,338 2 3	..	7,176 5 6	..
30. Rainbow	(A) 4,080 6 2 (B) 7,515 12 10	333 7 1	1,386 15 6	9 5 6	..	3,612 5 11	11,890 5 1	1,386 15 6	292 9 8	3,368 2 9	..	..
31. Rupanyup	(A) 6,741 4 4 (B) 4,116 0 4	227 1 2	940 0 4	6 1 2	(B) 101 13 4	..	11,084 5 10	940 0 4	93 14 5	..	14 0 1	..
32. Somerville	(A) 1,152 8 11 (B) 4,581 15 3	192 11 8	1,078 3 4	..	..	540 4 1	5,869 13 7	1,078 3 4	103 18 10	493 7 6	..	..
33. South Frankston ..	(A) 10,492 1 0 (B) 26,440 7 9	1,117 17 1	5,378 3 5	4 11 0	..	6,241 10 0	38,050 5 10	5,378 3 5	1,263 7 6	4,982 13 6	..	..
34. Terang	(A) 32,500 10 10 (B) 27,774 10 0	1,210 13 4	7,554 0 8	2 11 6	(B) 80 19 11	197 10 9	61,413 8 6	7,554 0 8	353 7 10	..	..	..
35. Watchem	(A) 4,993 9 11 (B) 122 18 7	38 9 5	419 16 1	0 3 0	(A) 140 17 2 (B) 503 7 3	..	5,154 1 11	419 16 1	85 14 11	..	418 11 4	140 17 2
Totals	(A) 1,297,057 3 2 (B) 839,929 12 6	23,747 1 11	153,788 2 6	340 19 9	(A) 14,197 5 10 (B) 14,250 6 2	142,744 0 7	2,158,545 6 1	153,788 2 6	33,639 0 1	115,792 4 10	10,092 13 1	14,197 5 10
	£2,486,054 12s. 5d.						£2,486,054 12s. 5d.					

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

36. Anglesea	(A) 14,923 12 4 (B) 29 10 1	2 0 1	2,045 18 10	0 2 2	(A) 2,894 15 1	..	14,954 11 1	2,045 18 10	226 18 2	..	1,029 14 9	1,638 15 9
37. Beulah	(A) 7,657 15 8 (B) 2 13 2	10 5 8	735 1 0	0 7 0	(A) 626 4 3	..	7,670 14 6	735 1 0	336 5 8	..	193 7 5	96 18 2
38. Birchip	(A) 16,141 16 0	12 12 3	176 17 1	0 6 0	(A) 3,672 19 6 (B) 564 5 4	..	16,154 8 3	176 17 1	295 8 5	..	3,068 16 0	873 6 5
39. Bittern	(A) 2,908 16 3 (B) 15 11 3	4 1 1	506 9 11	0 10 0	(A) 420 1 8	..	2,928 4 7	506 9 11	108 6 1	..	312 9 7	..
40. Bunyip	(A) 4,090 3 2 (B) 1,771 9 11	7 1 1	2,391 7 4	0 15 0	(A) 474 1 9	1,991 8 11	6,768 14 2	2,391 7 4	144 19 0	1,847 4 11	..	474 1 9
41. Carwarp	(A) 635 19 0	..	164 3 2	..	(A) 334 9 0 (B) 318 7 11	264 18 5	635 19 0	164 3 2	917 15 4	..	..	..
42. Chillingollah	(A) 2,482 1 3	8 14 5	163 0 5	..	(A) 596 4 4 (B) 682 4 6	..	2,490 15 8	163 0 5	944 6 2	..	115 4 7	218 18 1
43. Chinkapook	(A) 2,816 12 8	..	170 13 1	..	(A) 1,172 8 1 (B) 68 7 0	..	2,816 12 8	170 13 1	105 8 6	..	977 11 4	157 15 3
44. Crib Point	(A) 9,390 19 8 (B) 2,282 4 3	135 12 5	1,560 19 0	1 0 0	(A) 737 19 10	..	11,796 15 10	1,560 19 0	526 8 4	..	224 12 0	..
45. Dooen	(A) 681 4 0 (B) 16 18 0	0 6 5	197 11 3	..	(A) 130 4 9	79 12 2	698 7 5	197 11 3	2 0 0	77 13 2	..	130 4 9
46. Drysdale	(A) 21,939 2 5 (B) 38 2 0	8 10 9	1,147 14 11	0 1 0	(A) 326 16 1	663 16 0	21,985 9 5	1,147 14 11	504 7 10	159 14 11	..	326 16 1
47. Garfield	(A) 257 11 1 (B) 3,046 6 0	20 0 2	1,695 10 11	8 0 8	(A) 381 5 7	1,349 1 7	3,323 17 3	1,695 10 11	59 18 11	1,297 3 4	..	381 5 7
48. Hastings	(A) 14,368 17 10 (B) 6 4 10	12 1 0	2,528 18 8	3 3 0	(A) 768 2 4	..	14,387 3 8	2,528 18 8	108 4 1	..	214 7 6	448 13 9
49. Hopetoun	(A) 10,779 16 5 (B) 23 15 4	30 8 3	1,781 1 5	4 4 2	(A) 580 2 10	431 8 11	10,833 17 8	1,781 1 5	345 1 11	90 13 6	..	580 2 10
50. Jung Jung	(A) 4,611 9 2 (B) 1 12 6	..	701 8 4	..	(A) 2,019 14 7 (B) 20 1 0	..	4,613 1 8	701 8 4	17 7 1	..	1,482 5 7	540 2 11
51. Koondrook	(A) 6,170 5 1	..	922 13 6	7 6 6	(A) 3,972 19 0 (B) 195 2 9	..	6,170 5 1	922 13 6	367 6 4	..	3,399 4 8	408 17 3

52. Lake Boga	(A)	6,479 18 1	1 15 8		426 8 2		1 19 9	(A)	4,255 3 9	..		6,575 9 4		426 8 2		177 4 7	..		3,927 7 8		558 14 5
	(B)	95 11 3						(B)	404 7 6												
53. Lalbert	(A)	4,543 2 9	36 5 4		569 11 10		..	(A)	1,283 7 9	..		4,677 6 5		569 11 10		201 14 8	..		1,389 12 8		43 8 7
	(B)	98 11 10						(B)	350 14 8												
54. Lascelles	(A)	4,476 18 4	5 15 7		47 14 3		0 0 6	(A)	1,091 7 8	..		4,499 9 11		47 14 3		92 14 11	..		617 3 8		411 15 11
	(B)	16 18 0						(B)	30 4 4												
55. Manangatang	(A)	4,016 17 0	115 15 3	*Dr.*	31 10 6		0 0 6	(A)	1,805 13 3	..		5,746 6 0	*Cr.*	31 10 6		167 9 1	..		1,659 17 2		..
	(B)	1,635 6 3																			
56. Meringur	(A)	4,386 7 10	0 0 1		41 1 11		0 5 0	(A)	993 10 2	..		4,390 14 6		41 1 11		543 5 5	..		582 5 4		..
	(B)	4 6 8						(B)	131 15 6												
57. Mitiamo	(A)	2,410 16 2	2,982 17 4		311 11 6		0 0 6	(A)	2,118 1 0	..		5,393 13 6		311 11 6		12 2 4	..		2,105 19 2		..
58. Nandaly	(A)	2,346 8 8	..		52 8 6		..	(A)	734 13 11	..		2,349 13 8		52 8 6		42 10 3	..		743 7 10		..
	(B)	3 5 0						(B)	51 4 2												
59. Newstead	(A)	6,110 5 10	128 18 5		912 0 7		1 0 0	(A)	3,218 17 9	..		7,932 5 4		912 0 7		71 14 2	..		3,255 12 0		..
	(B)	1,763 13 10						(B)	36 15 8												
60. Nullawil	(A)	3,476 12 8	42 8 10		62 0 3		0 0 6	(A)	267 15 3	..		3,792 15 6		62 0 3		51 3 0	..		223 15 3		..
	(B)	280 16 6																			
61. Nyah	(A)	962 16 2	2 8 10		489 10 9		..	(A)	171 9 11	..		965 5 0		489 10 9		74 6 4	..		239 14 1		48 2 10
								(B)	190 13 4												
62. Nyah West	(A)	6,262 17 9	0 8 10		2,375 19 1		..		..	688 8 5		6,263 6 7		2,375 19 1		228 15 3	459 13 2		..		..
63. Ouyen	(A)	21,576 14 11	88 10 5	*Dr.*	845 14 8		2 13 4	(A)	2,248 5 10	..		21,725 6 10	*Cr.*	845 14 8		798 6 9	..		1,453 6 2		..
	(B)	60 15 3																			
64. Patchewollock	(A)	4,351 3 4	0 1 4		114 11 3		0 11 1	(A)	445 18 4	..		4,352 17 2		114 11 3		423 2 2	..		23 7 3		..
	(B)	1 12 6																			
65. Piangil	(A)	7,472 12 1	..		140 2 10		0 17 11	(A)	1,253 2 7	..		7,472 12 1		140 2 10		586 18 4	..		667 2 2		..
66. Portarlington	(A)	33,792 14 0	2 7 3		2,993 9 2		0 7 8	(A)	5,945 18 10	..		33,871 6 7		2,993 9 2		520 3 1	..		3,804 9 6		1,724 12 7
	(B)	77 14 6						(B)	101 9 6												
67. Quambatook	(A)	4,861 6 8	19 18 1		497 3 2		6 1 3	(A)	200 11 11	..		4,884 9 8		497 3 2		49 19 5	..		156 13 9		..
	(B)	3 4 11																			
68. Sea Lake	(A)	6,332 0 10	153 10 9		1,297 16 9		2 18 3	(A)	552 15 8	..		7,975 19 7		1,297 16 9		345 9 6	..		252 19 9		..
	(B)	1,533 3 4																			
69. Speed	(A)	2,901 10 3	..		283 19 3		..	(A)	589 9 4	..		2,902 8 0		283 19 3		108 18 1	..		698 3 8		..
	(B)	0 17 9						(B)	217 12 5												
70. Tempy	(A)	2,626 11 5	0 6 5	*Dr.*	12 14 4		0 1 0	(A)	767 13 9	..		2,644 5 5	*Cr.*	12 14 4		365 7 0	..		450 6 11		..
	(B)	17 13 7						(B)	47 13 2												
71. Torquay	(A)	20,924 1 7	43 3 4		1,769 2 0		1 10 11	(A)	1,866 16 5	455 15 1		21,109 17 9		1,769 2 0		569 2 6	..		..		1,755 7 7
	(B)	143 0 6																			
72. Ultima	(A)	11,020 9 1	0 6 5		95 0 6		0 1 0	(A)	2,291 18 3	..		11,037 15 9		95 0 6		483 18 1	..		2,053 17 10		..
	(B)	17 6 8						(B)	245 10 3												
73. Waitchie	(A)	2,520 14 4	..		315 5 1		..	(A)	1,418 17 0	..		2,520 14 4		315 5 1		1,171 19 5	..		371 15 4		498 8 2
								(B)	623 5 11												
74. Walpeup	(A)	2,527 16 1	6 12 7		121 16 2		..	(A)	690 2 8	..		2,558 6 6		121 16 2		124 8 5	..		565 19 10		..
	(B)	24 3 5																			
75. Werrimull	(A)	9,167 7 1	3 3 6		444 6 6		1 5 9	(A)	1,237 2 9	..		9,172 3 1		444 6 6		701 5 8	..		402 13 10		284 19 8
	(B)	1 12 6						(B)	150 10 8												
76. Wonthaggi	(A)	67,375 8 3	443 14 10		8,321 16 8		35 1 0		..	2,715 18 9		76,840 3 9		8,321 16 8		1,606 17 8	1,144 2 1		..		..
	(B)	9,021 0 8																			
77. Woomelang	(A)	9,233 14 5	37 4 10		1,182 3 4		2 15 1	(A)	1,005 19 11	..		9,286 3 11		1,182 3 4		109 11 0	..		94 4 7		805 1 5
	(B)	15 6 8																			
78. Woorinen	(A)	6,276 11 4	35 8 0		321 11 4		0 0 6	(A)	176 14 10	..		6,891 5 6		321 11 4		159 5 7	..		324 3 7		..
	(B)	580 16 11						(B)	305 3 1												
79. Wycheproof	(A)	21,268 17 2	16 12 0		2,279 14 4		7 8 10	(A)	1,539 6 5	..		21,285 9 2		2,279 14 4		262 19 4	..		1,434 19 2		..
								(B)	151 3 3												
80. Yaapeet	(A)	2,330 16 8	3 16 8		101 12 10		0 0 6	(A)	481 10 1	..		2,338 7 8		101 12 10		17 5 8	..		616 3 4		..
	(B)	3 14 4						(B)	151 18 5												
Totals	(A)	402,789 12 9	4,423 4 2		41,567 7 4		90 16 4	(A)	57,760 13 8	8,640 8 3		429,684 16 5		41,567 7 4		15,077 19 6	5,076 5 1		39,132 14 11		12,406 9 9
	(B)	22,635 0 2						(B)	5,038 10 4												
Grand Totals ..	(A)	1,699,846 15 11	28,170 6 1		195,355 9 10		431 16 1	(A)	71,957 19 6	151,384 8 10		2,588,230 2 6		195,355 9 10		48,716 19 7	120,868 9 11		49,225 8 0		26,603 15 7
	(B)	862,564 12 8						(B)	19,288 16 6												
			£3,029,000 5s. 5d.									£3,029,000 5s. 5d.										

DISTRICT BALANCE-SHEETS AS AT 30TH JUNE, 1952.

District.	Liabilities.						Assets.					
	Capital borne by State.	Redemption Account.	Depreciation Reserve Account.	Sundry Creditors.	Accumulated Deficiency Chargeable to (A) State Account. (B) District Account.	Profit and Loss Account. Gain.	Works at Cost.	Water Supply Works Depreciation Fund.	Sundry Debtors.	Accumulated Surplus Credited to District Account.	Profit and Loss Account. Loss since 30th June, 1938.	Profit and Loss Account. Interest and Other Losses prior to 30th June, 1938, Borne by State. (Act No. 5017.)
	£ s. d.	£ s. d.	£ s. d.	£ s. d.	£ s. d.	£ s. d.	£ s. d.	£ s. d.	£ s. d.	£ s. d.	£ s. d.	£ s. d.
FLOOD PROTECTION DISTRICTS.												
1. Cardinia	113,254 4 3	..	..	0 0 4	(A) 3,303 19 2 (B) 13,071 1 8	..	113,254 4 3	..	10,080 3 0*	..	2,990 19 0	3,303 19 2
2. Kanyapella	3,888 11 10	64 4 2	..	1 3 9	..	1,922 8 5	3,952 16 0	..	75 7 4	1,848 4 10	..	..
3. Loch Garry	18,621 18 11	..	..	..	..	3,385 15 9	18,621 18 11	..	95 2 0	3,290 13 9	..	..
4. Lower Koo-wee-rup ..	382,227 0 2	..	..	43 7 8	(A) 7,949 1 8 (B) 14,525 0 1	..	382,227 0 2	..	895 15 4	..	13,672 12 5	7,949 1 8
Totals	517,991 15 2	64 4 2	..	44 11 9	(A) 11,253 0 10 (B) 27,596 1 9	5,308 4 2	518,055 19 4	..	11,146 7 8	5,138 18 7	16,663 11 5	11,253 0 10
	£562,257 17s. 10d.						£562,257 17s. 10d.					

* Includes £9,135 Capitalized Repairs and Maintenance—Bridges.

DISTRICT BALANCE-SHEETS AS AT 30TH JUNE, 1952.

District.	Liabilities.					Assets.					
	Capital Borne by State.	Depreciation Reserve Account.	Sundry Creditors.	Accumulated Deficiency Chargeable to— (A) State Account. (B) District Account.	Profit and Loss Account. Gain.	Works at Cost.	Water Supply Works Depreciation Fund.	Sundry Debtors.	Accumulated Surplus Credited to District Account.	Profit and Loss Account. Loss since 30th June, 1938.	Profit and Loss Account. Interest and Other Losses prior to 30th June, 1938, Borne by State. (Act No. 5017.)
	£ s. d.	£ s. d.	£ s. d.	£ s. d.	£ s. d.	£ s. d.	£ s. d.	£ s. d.	£ s. d.	£ s. d.	£ s. d.
DRAINAGE DISTRICT.											
1. Carrum	26,841 17 1	..	11 18 3	(B) 449 4 4	578 15 9	26,841 17 1	..	1,039 18 4	..	..	..
Totals	26,841 17 1	..	11 18 3	(B) 449 4 4	578 15 9	26,841 17 1	..	1,039 18 4	..	..	..
	£27,881 15s. 5d.					£27,881 15s. 5d.					

SUMMARY OF DISTRICT BALANCE-SHEETS AS AT 30TH JUNE, 1952.

District.	Liabilities.						Assets.					
	Capital borne by— (A) State. (B) District.	Redemption Account.	Depreciation Account.	Sundry Creditors.	Accumulated Deficiency Chargeable to— (A) State Account. (B) District Account.	Profit and Loss Account. Gain.	Works at Cost.	Water Supply Works Depreciation Fund.	Sundry Debtors.	Accumulated Surplus Credited to District Account.	Profit and Loss Account. Loss since 30th June, 1938.	Profit and Loss Account. Interest and Other Losses prior to 30th June, 1938, Borne by State. (Act No. 5017.)
	£ s. d.	£ s. d.	£ s. d.	£ s. d.	£ s. d.	£ s. d.	£ s. d.	£ s. d.	£ s. d.	£ s. d.	£ s. d.	£ s. d.
Central Plant Workshops ..	(A) 185,424 2 5 (B) 17,636 8 0	210 13 8	5,472 14 5	..	(B) 66,676 1 11	..	203,061 0 6	5,472 14 5	26,295 1 11	..	40,591 3 7	..
Coliban System	(A) 2,140,054 7 8 (B) 293,222 18 4	11,656 9 1	53,843 6 2	119 7 0	(A) 1,003,460 17 3 (B) 14,912 7 7	884 0 9	2,433,524 6 7	53,843 6 2	18,097 9 1	882 17 8	183,431 15 6	828,373 18 10
Irrigation Districts -												
Pumping	(A) 2,567,156 14 7	54 19 10	212,835 7 1	151 5 7	(A) 432,049 6 2 (B) 108,096 4 9	..	2,567,211 14 5	212,835 7 1	12,312 15 8	..	385,046 5 11	142,937 14 11
Gravitation	(A) 15,071,821 15 10	26,034 8 7	48,059 10 7	419 7 11	(A) 539,131 0 5 (B) 393,431 13 3	73,049 12 3	15,097,856 4 5	48,059 10 7	96,587 11 4	34,487 9 5	345,701 4 11	529,255 8 2
Irrigation Urban Divisions ..	(A) 95,541 7 6 (B) 4,904 6 6	559 2 0	8,320 16 7	17 0 8	(A) 3,583 8 10 (B) 3,574 9 3	1,992 7 2	100,959 6 2	8,320 16 7	2,108 2 2	1,350 0 5	5,345 13 7	408 19 7
Waterworks Districts ..	(A) 4,750,151 11 9 (B) 262,524 1 6	23,943 17 2	89,734 9 7	646 16 5	(A) 2,435,784 3 6 (B) 315,375 4 7	55,601 15 11	5,035,326 14 1	89,734 9 7	50,892 4 11	46,423 11 2	2,033,696 12 6	677,088 8 2
Waterworks Urban Districts	(A) 1,699,846 15 11 (B) 862,564 12 8	28,170 6 1	195,355 9 10	431 16 1	(A) 71,957 19 6 (B) 19,288 16 6	151,384 8 10	2,588,230 2 6	195,355 9 10	48,716 19 7	120,868 9 11	49,225 8 0	26,603 15 7
Flood Protection Districts ..	(A) 517,991 15 2	64 4 2	..	44 11 9	(A) 11,253 0 10 (B) 27,596 1 9	5,308 4 2	518,055 19 4	..	11,146 7 8	5,138 18 7	16,663 11 5	11,253 0 10
Drainage Districts	(A) 26,841 17 1	..	..	11 18 3	(B) 449 4 4	578 15 9	26,841 17 1	..	1,039 18 4	..	..	..
Totals	(A) 27,054,830 7 11 (B) 1,440,852 7 0	90,694 0 7	613,621 14 3	1,842 3 8	(A) 4,497,219 16 6 (B) 949,400 3 11	288,799 4 10	28,571,067 5 1	613,621 14 3	267,196 10 8*†	209,151 7 2	3,059,701 15 5	2,216,521 6 1
	£34,937,259 18s. 8d.						£34,937,259 18s. 8d.					

* Includes £9,135 Capitalized Repairs and Maintenance on Bridges—Cardinia.

† Exclusive of Diversions Branch.

Statement of Revenue setting out Arrears as at 1st July, 1951, and as at 30th June, 1952.

	Total.	Water Act 1940 (No. 4740), Sec. 3.		General Rate.		Irrigation Charge.		Drainage Rate.		Flood Protection Charge.		Sales of Water.		Miscellaneous.
		Consolidated Arrears.	Interest.	Rate.	Interest.	Charge.	Interest.	Rate.	Interest.	Charge.	Interest.	Sales.	Interest.	
	£	£	£	£	£	£	£	£	£	£	£	£	£	£
Arrears as at 1st July, 1951	**206,837**	53,701	3,773	36,613	7,370	17,934	1,197	3,369	335	1,324	124	78,036	533	2,537
Assessments 1951–52	**919,998**	..	..	435,978	..	414,874	..	53,131	..	16,015	..	..	..	..
Additional Water Sales, and Interest Charges to 30th June, 1952	**365,481**	..	598	..	2,141	..	1,178	..	223	..	71	248,505	634	112,131
Total Amount Collectable, 1951–52 ..	**1,492,316**	53,701	4,371	472,591	9,511	432,808	2,375	56,491	558	17,339	195	326,541	1,167	114,668
Deduct—														
(i) Revenue Collected 1951–52 ..	**1,240,684**	14,510	692	422,995	2,095	405,791	1,141	52,828	206	16,013	69	212,848	600	110,896
(ii) Credits Absorbed	**4,302**	2	..	1,002	33	318	..	43	..	2	..	442	4	2,456
Balance	**247,330**	39,189	3,679	48,594	7,383	26,699	1,234	3,620	352	1,324	126	113,251	563	1,316
Add—Amounts Overpaid	**4,193**	8	..	712	48	219	..	67	..	45	..	541	4	2,549
Total—Gross Arrears at 30th June, 1952	**251,523**	39,197	3,679	49,306	7,431	26,918	1,234	3,687	352	1,369	126	113,792	567	3,865
Deduct—Amounts recommended for Writing off 1951–52	**16,218**	852	578	5,093	505	8,167	61	162	4	88	7	452	10	239
Balance—Net Arrears as at 30th June, 1952	**235,305**	38,345	3,101	44,213	6,926	18,751	1,173	3,525	348	1,281	119	113,340	557	3,626

This Statement is subject to Audit and minor adjustments.

WATER SUPPLY WORKS DEPRECIATION ACCOUNTS AS AT 30TH JUNE, 1952.

District.	Balance at 1st July, 1951.	Amounts Paid into Account 1951-52.	Interest 1951-52.	Total.	Expenditure 1951-52.	Balance in Account at 30th June, 1952.
	£ s. d.	£ s. d.	£ s. d.	£ s. d.	£ s. d.	£ s. d.
IRRIGATION AND WATER SUPPLY DISTRICTS.						
Bacchus Marsh	315 4 11	183 19 8*	7 17 7	507 2 2	..	507 2 2
Boort	531 19 0	951 16 0*	13 6 0	1,497 1 0	..	1,497 1 0
Calivil	228 14 3	210 0 0	5 14 4	444 8 7	..	444 8 7
Campaspe	..	135 0 0	..	135 0 0	..	135 0 0
Cohuna	340 5 4	1,839 0 0	3 13 7	2,182 18 11	..	2,182 18 11
Deakin	..	642 0 0	..	642 0 0	..	642 0 0
Dingee	165 11 8	62 0 0	4 2 10	231 14 6	..	231 14 6
Fish Point	..	23 0 0	..	23 0 0	..	23 0 0
Katandra	199 8 3	92 0 0	4 19 8	296 7 11	..	296 7 11
Kerang	132 16 1	950 13 10*	3 6 5	1,086 16 4	..	1,086 16 4
Koondrook	..	1,373 0 0	..	1,373 0 0	..	1,373 0 0
Maffra-Sale	2,303 9 2	1,359 12 4*	57 11 9	3,720 13 3	..	3,720 13 3
Murray Valley	738 15 5	864 5 2*	18 9 5	1,621 10 0	..	1,621 10 0
Mystic Park	..	47 0 0	..	47 0 0	..	47 0 0
North Shepparton	466 11 1	299 0 0	11 16 3	777 7 4	..	777 7 4
Nyah (I. and W.S.)	10,819 17 8	875 0 0	270 9 11	11,965 7 7	..	11,965 7 7
Nyah (Drainage)	940 1 8	95 0 0	23 10 1	1,058 11 9	..	1,058 11 9
Red Cliffs-Merbein (I. and W.S.)	138,645 0 10	12,323 0 0	3,456 2 6	154,424 3 4	7,082 15 7	147,341 7 9
Red Cliffs-Merbein (Drainage)	22,252 12 1	1,414 0 0	556 6 4	24,222 18 5	289 11 3	23,933 7 2
Robinvale	18,614 10 7	5,716 0 0	465 7 3	24,795 17 10	..	24,795 17 10
Rochester	2,359 11 10	1,015 3 9*	58 19 10	3,433 15 5	..	3,433 15 5
Rodney	2,930 6 1	5,854 5 10*	73 5 2	8,857 17 1	..	8,857 17 1
Shepparton	1,556 7 6	684 10 5*	39 18 2	2,280 16 1	..	2,280 16 1
South Shepparton	164 17 4	162 0 0	4 2 5	330 19 9	..	330 19 9
Swan Hill (I. and W.S.)	6,692 15 4	1,033 13 9*	154 13 2	7,881 2 3	..	7,881 2 3
Swan Hill (Drainage)	2,658 19 6	213 0 0	66 9 0	2,938 8 6	..	2,938 8 6
Third Lake	..	85 0 0	..	85 0 0	..	85 0 0
Tongala-Stanhope	2,016 7 1	809 12 0*	50 8 2	2,876 7 3	..	2,876 7 3
Tragowel Plains	1,150 5 6	1,644 13 11*	28 15 2	2,823 14 7	..	2,823 14 7
Tresco	6,471 4 10	433 0 0	161 15 7	7,066 0 5	3,325 5 5	3,740 15 0
Werribee	1,630 12 5	294 1 11*	40 15 4	1,965 9 8	..	1,965 9 8
Totals	224,326 5 5	41,684 8 7	5,581 15 11	271,592 9 11	10,697 12 3	260,894 17 8

* Direct Contributions to Depreciation Fund—Bacchus Marsh, £14 19s. 5d.; Boort, £84 16s.; Kerang, £10 13s. 10d.; Maffra-Sale, £45 12s. 4d.; Murray Valley, £123 5s. 2d.; Rochester, £26 3s. 9d.; Rodney, £211 5s. 10d.; Shepparton, £114 10s. 5d.; Swan Hill, £28 13s. 9d.; Tongala Stanhope, £15 12s.; Tragowel Plains, £30 13s. 11d.; Werribee, £18 1s. 11d.

URBAN DIVISIONS OF IRRIGATION AND WATER SUPPLY DISTRICTS.						
Bacchus Marsh	1,340 11 0	73 0 0	20 4 0	1,433 15 0	1,433 15 0*	..
Cohuna	1,829 8 7	99 0 0	45 14 9	1,974 3 4	445 16 3	1,528 7 1
Corop	99 6 11	6 0 0	2 9 8	107 16 7	..	107 16 7
Dingee	140 8 3	14 0 0	3 10 2	157 18 5	..	157 18 5
Heyfield	1,899 3 11	115 0 0	47 9 7	2,061 13 6	1,302 3 4	759 10 2
Leitchville	240 19 8	45 0 0	6 0 6	292 0 2	(Dr.) 28 6 0	320 6 2
Lockington	741 0 3	61 0 0	18 10 6	820 10 9	..	820 10 9
Macorna	43 0 10	26 0 0	1 1 6	70 2 4	..	70 2 4
Murrabit	483 8 10	33 0 0	12 1 9	528 10 7	..	528 10 7
Red Cliffs	2,581 18 2	193 0 0	64 10 11	2,839 9 1	..	2,839 9 1
Robinvale	326 0 6	161 0 0	8 3 0	495 3 6	118 0 3	377 3 3
Stanhope	615 4 3	35 0 0	15 7 7	665 11 10	..	665 11 10
Tallygaroopna	95 16 2	47 6 3	2 7 11	145 10 4	..	145 10 4
Totals	10,436 7 4	908 6 3	247 11 10	11,592 5 5	3,271 8 10*	8,320 16 7

* Transfer to Bacchus Marsh Local Governing Body, £1,433 15s.

WATERWORKS DISTRICTS.						
Bellarine Peninsula	*Cr.*22,327 9 0	1,158 0 0	*Cr.* 558 3 6	*Cr.*21,727 3 6	..	*Cr.*21,727 3 6
Carwarp	3,059 12 0	240 0 0	76 9 10	3,376 1 10	163 13 7	3,212 8 3
Carwarp Central	260 17 10	20 0 0	6 10 5	287 8 3	135 9 6	151 18 9
Harcourt	159 15 5	25 0 0	3 19 11	188 15 4	..	188 15 4
Hindmarsh	2,476 18 3	139 0 0	57 0 10	2,672 19 1	..	2,672 19 1
Long Lake	2,716 15 11	175 0 0	67 18 5	2,959 14 4	..	2,959 14 4
Millewa	44,258 8 3	4,212 0 0	1,106 9 2	49,576 17 5	*Dr.* 19 18 6	49,596 15 11
Mornington Peninsula	5,582 7 11	1,137 0 0	139 11 2	6,858 19 1	..	6,858 19 1
Normanville	410 0 0	205 0 0	10 5 0	625 5 0	..	625 5 0
Otway	26,397 3 5	1,924 0 0	9 18 7	28,331 2 0	..	28,331 2 0
Ouyen	2,919 0 1	188 0 0	72 19 6	3,179 19 7	..	3,179 19 7
Tyntynder	328 5 0	21 0 0	8 4 2	357 9 2	..	357 9 2
Tyntynder North	1,293 12 6	120 0 0	32 6 10	1,445 19 4	..	1,445 19 4
Tyrrell	667 11 0	43 0 0	16 13 9	727 4 9	600 8 8	126 16 1
Tyrrell West	620 11 10	40 0 0	15 10 4	676 2 2	..	676 2 2
Upper Western Wimmera	169 1 2	..	..	169 1 2	..	169 1 2
Walpeup West	*Cr.* 591 12 7	260 0 0	*Cr.* 14 15 10	*Cr.* 346 8 5	1,283 7 1	*Cr.*1,629 15 6
Western Wimmera	9,243 7 4	595 0 0	231 1 8	10,069 9 0	2,212 5 4	7,857 3 8
Wimmera United	2,370 19 11	2,693 0 0	59 5 6	5,123 5 5	253 10 5	4,869 15 0
Totals	80,015 15 3	13,195 0 0	1,341 5 9	94,552 1 0	4,628 16 1	89,923 4 11

URBAN DISTRICTS OF WATERWORKS DISTRICTS.						
Allansford	210 16 6	20 0 0	5 5 5	236 1 11	..	236 1 11
Anglesea	963 16 11	95 0 0	987 1 11	2,045 18 10	..	2,045 18 10
Antwerp	38 2 9	2 0 0	0 16 7	40 19 4	..	40 19 4
Barwon Heads and Ocean Grove	1,744 5 5	540 0 0	43 12 2	2,327 17 7	6,412 14 10	*Cr.*4,084 17 3
Berriwillock	178 3 11	16 0 0	4 9 1	198 13 0	102 11 8	96 1 4
Berwick	3,897 9 6	258 0 0	97 8 9	4,252 18 3	..	4,252 18 3
Beulah	694 13 8	23 0 0	17 7 4	735 1 0	..	735 1 0
Birchip	1,097 18 10	84 0 0	27 9 0	1,209 7 10	1,032 10 9	176 17 1

WATER SUPPLY WORKS DEPRECIATION ACCOUNTS AS AT 30TH JUNE, 1952—*continued.*

District.	Balance at 1st July, 1951.	Amounts Paid into Account 1951-52.	Interest 1951-52.	Total.	Expenditure 1951-52.	Balance in Account at 30th June, 1952.
	£ s. d.	£ s. d.	£ s. d.	£ s. d.	£ s. d.	£ s. d.
URBAN DISTRICTS OF WATERWORKS DISTRICTS—*continued.*						
Birregurra	263 16 6	104 0 0	6 11 11	374 8 5	..	374 8 5
Bittern	453 3 4	42 0 0	11 6 7	506 9 11	..	506 9 11
Brim	530 15 11	31 0 0	12 16 6	574 12 5	..	574 12 5
Bunyip	2,227 13 6	108 0 0	55 13 10	2,391 7 4	..	2,391 7 4
Camperdown	8,639 6 7	638 0 0	215 19 8	9,493 6 3	..	9,493 6 3
Carwarp	155 9 8	6 0 0	2 13 6	164 3 2	..	164 3 2
Chelsea–Frankston	35,726 6 2	3,732 0 0	893 3 2	40,351 9 4	3,100 7 0	37,251 2 4
Chillingollah	151 15 10	8 0 0	3 4 7	163 0 5	..	163 0 5
Chinkapook	159 11 11	8 0 0	3 1 2	170 13 1	..	170 13 1
Cobden	2,087 5 7	155 0 0	52 3 8	2,294 9 3	..	2,294 9 3
Coliban	55,250 16 7	7,691 0 0	1,381 5 5	64,323 2 0	11,362 7 6	52,960 14 6
Cranbourne	372 2 11	70 0 0	9 6 1	451 9 0	53 15 0	397 14 0
Crib Point	1,370 13 8	156 0 0	34 5 4	1,560 19 0	..	1,560 19 0
Crlgoa	81 4 6	18 0 0	2 0 7	101 5 1	48 13 6	52 11 7
Dandenong–Springvale	36,255 12 1	3,529 0 0	906 7 10	40,690 19 11	2,610 19 10	38,080 0 1
Dimboola	1,355 0 0	155 0 0	33 17 6	1,543 17 6	31 2 1	1,512 15 5
Dooen	182 0 3	11 0 0	4 11 0	197 11 3	..	197 11 3
Dromana–Portsea	19,893 8 3	2,011 0 0	497 6 3	22,401 14 6	..	22,401 14 6
Drysdale	1,082 19 8	170 0 0	27 1 0	1,280 0 8	132 5 9	1,147 14 11
Garfield	1,612 4 10	43 0 0	40 6 1	1,693 10 11	..	1,695 10 11
Hastings	2,291 12 10	180 0 0	57 5 10	2,528 18 8	..	2,528 18 8
Hopetoun	1,678 2 4	61 0 0	41 19 1	1,781 1 5	..	1,781 1 5
Jeparit	522 6 6	39 0 0	13 1 2	574 7 8	26 18 4	547 9 4
Jung Jung	723 14 2	45 0 0	18 1 10	786 16 0	85 7 8	701 8 4
Koondrook	821 9 7	64 0 0	20 10 9	906 0 4	*Dr.* 16 13 2	922 13 6
Lake Boga	349 13 4	68 0 0	8 14 10	426 8 2	..	426 8 2
Lalbert	514 14 6	42 0 0	12 17 4	569 11 10	..	569 11 10
Lascelles	31 11 9	21 0 0	0 15 10	53 7 7	5 13 4	47 14 3
Longwarry	1,882 16 3	148 0 0	47 1 5	2,077 17 8	..	2,077 17 8
Manangatang	29 0 0	33 0 0	0 14 6	62 14 6	94 5 0	*Cr.* 31 10 6
Marong	638 16 11	39 0 0	15 19 5	693 16 4	..	693 16 4
Marnoo	854 12 4	33 0 0	17 8 3	905 0 7	..	905 0 7
Merbein	759 8 3	137 0 0	18 19 8	915 7 11	..	915 7 11
Meringur	94 2 4	13 0 0	2 7 1	109 9 5	68 7 6	41 1 11
Minyip	310 0 10	75 0 0	7 15 0	392 15 10	300 3 0	92 12 10
Mitiamo	543 4 6	39 0 0	13 11 7	595 16 1	284 4 7	311 11 6
Mornington	10,570 3 11	1,194 0 0	264 5 1	12,028 9 0	*Dr.* 1 8 4	12,029 17 4
Nandaly	42 7 4	9 0 0	1 1 2	52 8 6	..	52 8 6
Natimuk	1,027 18 6	50 0 0	25 14 0	1,103 12 6	..	1,103 12 6
Newstead	840 0 7	51 0 0	21 0 0	912 0 7	..	912 0 7
Nullawil	81 17 5	10 0 0	2 0 11	93 18 4	31 18 1	62 0 3
Nyah	447 7 1	31 0 0	11 3 8	489 10 9	..	489 10 9
Nyah West	2,204 16 8	116 0 0	55 2 5	2,375 19 1	..	2,375 19 1
Ouyen	*Cr.* 381 10 7	111 0 0	*Cr.* 9 10 9	*Cr.* 280 1 4	565 13 4	*Cr.* 845 14 8
Pakenham	3,979 14 2	172 0 0	99 9 10	4,251 4 0	779 7 11	3,471 16 1
Patchewollock	138 5 2	17 0 0	3 9 2	158 14 4	44 3 1	114 11 3
Piangil	85 19 10	52 0 0	2 3 0	140 2 10	..	140 2 10
Portarlington	2,806 10 0	302 0 0	70 3 3	3,178 13 3	185 4 1	2,993 9 2
Pyramid Hill	768 4 8	39 0 0	19 4 1	826 8 9	29 11 10	796 16 11
Quambatook	439 19 10	43 0 0	11 0 0	493 19 10	*Dr.* 3 3 4	497 3 2
Queenscliff and Point Lonsdale	831 13 0	1,080 0 0	20 15 10	1,932 8 10	*Dr.* 184 5 4	2,116 14 2
Rainbow	1,306 2 5	48 0 0	32 13 1	1,386 15 6	..	1,386 15 6
Rupanyup	861 9 7	57 0 0	21 10 9	940 0 4	..	940 0 4
Sea Lake	1,193 0 3	75 0 0	29 16 6	1,297 16 9	..	1,297 16 9
Somerville	973 16 5	80 0 0	24 6 11	1,078 3 4	..	1,078 3 4
South Frankston	4,748 9 2	511 0 0	118 14 3	5,378 3 5	..	5,378 3 5
Speed	264 10 4	19 0 0	6 12 3	290 2 7	6 3 4	283 19 3
Tempy	363 6 3	17 0 0	7 0 4	387 6 7	400 0 11	*Cr.* 12 14 4
Terang	6,876 2 7	506 0 0	171 18 1	7,554 0 8	..	7,554 0 8
Torquay	1,615 14 2	113 0 0	40 7 10	1,769 2 0	..	1,769 2 0
Ultima	57 11 8	36 0 0	1 8 10	95 0 6	..	95 0 6
Waitchie	290 0 1	18 0 0	7 5 0	315 5 1	..	315 5 1
Walpeup	213 5 10	13 0 0	5 6 8	231 12 6	109 16 4	121 16 2
Watchem	419 4 9	35 0 0	10 9 7	464 14 4	44 18 3	419 16 1
Werrimull	546 17 3	42 0 0	13 13 5	602 10 8	158 4 2	444 6 6
Wonthaggi	7,800 15 8	414 0 0	195 0 5	8,409 16 1	87 19 5	8,321 16 8
Woomelang	1,103 18 1	65 0 0	27 11 11	1,196 10 0	14 6 8	1,182 3 4
Woorinen	299 0 9	16 0 0	6 10 7	321 11 4	..	321 11 4
Wycheproof	2,452 12 6	143 0 0	61 6 4	2,656 18 10	377 4 6	2,279 14 4
Yaapeet	81 12 0	18 0 0	2 0 10	101 12 10	..	101 12 10
Totals	244,072 19 0	26,264 0 0	7,054 10 9	277,391 9 9	28,381 9 1	249,010 0 8
BUILDINGS.						
Buildings	34,891 12 1	10,000 0 0	872 5 10	45,763 17 11	9,942 3 7	35,821 14 4
Totals	34,891 12 1	10,000 0 0	872 5 10	45,763 17 11	9,942 3 7	35,821 14 4
PLANT WORKSHOPS.						
Bendigo	4,124 12 2	1,245 0 0	103 2 3	5,472 14 5	..	5,472 14 5
Totals	4,124 12 2	1,245 0 0	103 2 3	5,472 14 5	..	5,472 14 5
Grand Total	597,867 11 3	93,296 14 10	15,200 12 4	706,364 18 5	56,921 9 10	649,443 8 7

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

Water Supply Works Depreciation Account.

	£ s. d.	£ s. d.
Balance from 1950–51 ..	..	597,867 11 3
Paid into Account, 1951–52 ..	92,572 6 3	
Paid by Commission direct to Fund, 1951–52	724 8 7	
		93,296 14 10
		691,164 6 1
Interest credited 1951–52		15,200 12 4
		706,364 18 5
Less Expenditure 1951–52 ..	55,487 14 10	
Transfer to Bacchus Marsh Local Governing Body ..	1,433 15 0	
		56,921 9 10
		649,443 8 7

Water Supply Works Depreciation Fund (in Treasury).

	£ s. d.	£ s. d.	£ s. d.
Credit Balance as at 30th June, 1951	23,839 7 3		
Investments redeemed 1951–52	20,000 0 0		
Paid by Commission direct to Fund 1951–52	724 8 7		
Amount transferred to Fund by Treasury 1951–52	..		
Interest earned in Investment Account 1951–52	6,422 17 4		
	50,986 13 2		
Less—	£ s. d.		
Expenditure 1951–52 ..	55,487 14 10		
Transfer to Bacchus Marsh Local Governing Body ..	1,433 15 0		
Amount Invested by Treasury 1951–52 ..			
	56,921 9 10		
Debit Balance as at 30th June, 1952 ..		*Dr.* 5,934 16 8	
Amount at credit of Sundry Investment Account		239,000 0 0	
Amount credited to Account in Commission's books — not credited to Fund by Treasury at 30th June, 1951 ..	288,745 10 0		
Add Amount paid to Revenue 1951–52	92,572 6 3		
	381,317 16 3		
Less Amount transferred to Fund by Treasury 1951–52 ..	..		
	381,317 16 3		
Add—	£ s. d.		
Total Interest credited to Account in Commission books at 30th June, 1952	99,027 12 7		
Less—			
Amount credited to Fund by Treasury at 30th June, 1952 ..	63,967 3 7		
	35,060 9 0		
Amount not credited to Fund by Treasury at 30th June, 1952		416,378 5 3	
		649,443 8 7	649,443 8 7

WATER SUPPLY PLANT AND MACHINERY ACCOUNT (ACT 4761).

SUMMARY OF OPERATING TRANSACTIONS FOR YEAR ENDED 30TH JUNE, 1952.

	£ s. d.	£ s. d.	£ s. d.	£ s. d.
Balance as at 1st July, 1951 ..	..	33,132 13 5	Interest due for year paid to Revenue No. 2 to 30th June, 1952	47,244 14 10
Amounts charged on moneys authorized for carrying out construction and maintenance of Commission works on which plant and machinery were engaged with respect to Capital Liability of £1,576,577 4s. 11d. as at 30th June, 1952 ..	..		Redemption paid to Revenue No. 9 Miscellaneous to 30th June, 1952	3,934 12 8
Interest	28,726 5 5		Water Supply Plant and Machinery Depreciation Fund Investment in Treasury ..	87,445 2 1
Redemption	2,393 17 1		Interest on Fund Investment ..	9,065 1 0
Depreciation	87,442 14 10			96,510 3 1
Cost of Operation, Maintenance, Repairs	243,519 18 10		Cost of operation Maintenance and Repairs, &c.	.. 189,547 19 5
		362,082 16 2	Plant and Machinery Operating Account Reserve as at 30th June, 1952	67,043 0 7
Interest—Depreciation Fund Investment	..	9,065 1 0		
		404,280 10 7		404,280 10 7

WATER SUPPLY PLANT AND MACHINERY ACCOUNT (ACT 4761).

SUMMARY OF CAPITAL TRANSACTIONS FOR YEAR ENDED 30TH JUNE, 1952.

	£ s. d.	£ s. d.
Plant and Machinery—		
Debit Balance in Account as at 30th June, 1951	1,567,192 18 2	
Add—Purchases of Plant during year 1951–52	23,943 2 11	
		1,591,136 1 1
Deduct—		
Redemption paid to Treasury 30th June, 1952	3,934 12 8	
Repayments to State Loans Repayment Fund	10,624 3 6	
		14,558 16 2
Total Capital Liability		1,576,577 4 11

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

	£ s. d.
Plant and Machinery—	
Payments to 30th June, 1951	112,968 7 4
Amount due and paid for year 1951–52	47,244 14 10
	160,213 2 2

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

Water Supply Plant and Machinery Depreciation Account.

	£ s. d.	£ s. d.
Credit Balance as at 30th June, 1951 ..		378,911 9 11
Add—		
Proceeds from Hire of Plant ..	87,445 2 1	
Less Debits to Account ..	560 11 1	
	86,884 11 0	
Add Interest credited for year 1951–52	9,065 1 0	
	95,949 12 0	
Less Expenditure for replacement of Plant	30,061 5 2	
		65,888 6 10
		444,799 16 9

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

	£ s. d.	£ s. d.
Balance as per Treasury General Account at 30th June, 1951		155,911 9 11
Payments to Fund during 1951-52	86,884 11 0	
Interest credited by Treasury on Investments for year 1951–52 ..	9,065 1 0	
		95,949 12 0
		251,861 1 11
Less Withdrawal for replacement of plant	30,061 5 2	
Less Amount transferred by Treasury to Investment Account, 1951–52	125,000 0 0	
		155,061 5 2
Balance as per Treasury General Account at 30th June, 1952		96,799 16 9
Amount Invested in Treasury Investment Account		348,000 0 0
		444,799 16 9

CAPITAL EXPENDITURE.

STATEMENT OF MONEYS EXPENDED UNDER WATER SUPPLY LOAN ACTS FOR THE YEAR ENDED 30TH JUNE, 1952.

Works.	Water Supply Loan Funds.						Treasurer's Advance.		
	Act 5485.			Act 5589.			Total Ordinary Loan Fund.			
Main Supply Works, Stores, and Workshops.	£	*s.*	*d.*	£	*s.*	*d.*	£	*s.*	*d.*	£ *s. d.*
Bulk Store and Storeyard, South Melbourne ..	177	19	10	166	13	10	344	13	8	..
Cairn Curran Reservoir	118,479	13	5	285,790	12	0	404,270	5	5	..
Central Plant Workshops—										
Golden Square	6,542	15	3	25,483	16	1	32,026	11	4	..
Kerang Sub-depot	27	3	3	91	6	8	118	9	11	..
Commission Buildings	29,329	9	2	6,002	7	10	35,331	17	0	..
Dynon-road Storeyard	190	0	0	1,897	17	3	2,087	17	3	..
East Goulburn Main Channel	2,948	12	11	6,619	19	2	9,568	12	1	..
Eildon Reservoir Enlargement	1,962,009	5	6	5,051,714	9	0	7,013,723	14	6	..
Eppalock Reservoir	882	0	0	74	12	8	956	12	8	..
Glenelg River Works to Wimmera-Mallee Section ..	*Cr.* 2,502	18	0	*Cr.* 995	18	0	*Cr.* 3,498	16	0	..
Glenmaggie Reservoir	2,715	2	7	7,133	6	3	9,848	8	10	..
Goulburn-Waranga Channel Duplication ..	25,201	4	4	86,112	7	5	111,313	11	9	..
Hawthorn Laboratory and Testing Station ..	..			1,803	15	0	1,803	15	0	..
Hepburn's Lagoon	..			10,785	10	7	10,785	10	7	..
Kow Swamp Works	..			2,428	11	1	2,428	11	1	..
Little River Weir	772	15	2	144	9	4	917	4	6	..
Loddon River Works	75	6	6	607	13	0	682	19	6	..
Loddon Weir	..			10	16	8	10	16	8	..
Plant and Machinery	*Cr.* 43,979	0	2	67,922	3	1	23,943	2	11	..
River Improvements	38	15	1	542	11	11	581	7	0	..
River Murray Agreement Works	40,000	0	0	45,000	0	0	85,000	0	0	..
Rocklands Outlet Channel	99,406	16	8	40,696	12	4	140,103	9	0	..
Rocklands Reservoir	*Cr.* 10,679	5	11	145,591	7	0	134,912	1	1	..
Surveys and Investigations	2,535	14	10	70,790	13	7	73,326	8	5	..
Tarago Offtake and Main Race	128,559	13	8	162,870	5	6	291,429	19	2	..
Toolando Outlet Channel	19,369	16	9	54,560	15	0	73,930	11	9	..
Torrumbarry System	..			6	10	0	6	10	0	..
Waranga Reservoir	..			483	17	5	483	17	5	..
Waranga West Extension, Loddon-Avoca, Section 1	17	0	8	1	8	4	18	9	0	..
Waranga Western Extension, Loddon-Avoca, Section 2	0	14	6	0	1	8	0	16	2	..
Waranga Western Channel, 56 mile to Bears Lagoon	..			107	12	3	107	12	3	..
Water Supply Stores Suspense	..			163,000	0	0	163,000	0	0	..
Werribee Hydraulic Research Station ..	..			858	17	8	858	17	8	..
Wimmera—Main Channels	135	12	5	11	6	8	146	19	1	..
Wimmera Storages	16	13	4	1,404	10	6	1,421	3	10	..
Irrigation and Water Supply Districts.										
Bacchus Marsh	60	7	1	134	1	11	194	9	0	..
Boort	2,243	12	6	7,117	1	6	9,360	14	0	..
Calivil	0	16	4	1,409	18	8	1,410	15	0	..
Campaspe	1,844	14	9	27,565	15	2	29,410	9	11	..
Central Gippsland	72,474	2	3	224,659	1	4	297,133	3	7	..
Cohuna	2,551	3	6	9,300	8	3	11,851	11	9	..
Deakin	179	3	1	1,644	13	2	1,823	16	3	..
Dingee	225	5	10	585	1	7	810	7	5	..
Fish Point	39	8	10	149	18	8	189	7	6	..
Katandra	696	12	1	2,682	16	4	3,379	8	5	..
Kerang	50	5	3	1,101	19	0	1,152	4	3	..
Koondrook	84	6	9	2,484	19	8	2,569	6	5	..
Maffra-Sale	5,957	19	7	10,701	11	8	16,659	11	3	..
Murray Valley	59,746	2	0	166,769	18	7	226,516	0	7	..
Mystic Park	732	12	0	853	0	3	1,585	12	3	..
North Shepparton	1,146	0	11	1,164	13	8	2,310	14	7	..
Nyah	3,034	15	3	5,140	11	11	8,175	7	2	..
Red Cliffs-Merbein	16,752	10	2	9,689	11	11	26,442	2	1	..
Robinvale	16,076	17	5	32,878	5	4	48,955	2	9	..
Rochester	608	8	5	582	9	8	1,190	18	1	..
Rodney	5,857	17	6	13,137	18	9	18,995	16	3	..
Shepparton	647	5	7	1,142	0	11	1,789	6	6	..
South Shepparton	184	14	2	321	10	4	506	4	6	..
Swan Hill	158	2	10	1,570	1	5	1,728	4	3	..
Third Lake	9	1	0	166	12	11	175	13	11	..
Tongala-Stanhope	1,378	4	6	9,391	7	10	10,769	12	4	..
Tragowel Plains	3,828	16	9	6,158	1	5	9,986	18	2	..
Tresco	853	6	2	1,589	9	5	2,442	15	7	..
Werribee	158	8	6	734	6	0	892	14	6	..
Urban Divisions of Irrigation and Water Supply Districts.										
Cohuna	212	17	3	201	17	7	414	14	10	..
Heyfield	..			11,387	14	0	11,387	14	0	..
Lockington	1	15	8	80	4	5	82	0	1	..
Red Cliffs	548	0	1	8,561	2	3	9,109	2	4	..
Robinvale	298	17	3	694	17	11	993	15	2	..
Stanhope	3,364	11	7	309	5	8	3,673	17	3	..
Tallygaroopna	18	9	0	1	10	0	19	19	0	..
Carried forward	2,584,296	13	7	6,801,784	17	10	9,386,081	11	5	

CAPITAL EXPENDITURE—*continued.*

STATEMENT OF MONEYS EXPENDED UNDER WATER SUPPLY LOAN ACTS FOR THE YEAR ENDED 30TH JUNE, 1952—*continued.*

Works.	Water Supply Loan Funds.			Treasurer's Advance.
	Act 5485.	Act 5589.	Total Ordinary Loan Fund.	
	£ s. d.	£ s. d.	£ s. d.	£ s. d.
Brought forward	2,584,296 13 7	6,801,784 17 10	9,386,081 11 5	..
Waterworks Districts.				
Axe Creek	6 0 5	39 7 3	45 7 8	..
Bellarine Peninsula (including Headworks) ..	24,740 14 0	31,141 5 8	55,881 19 8	..
Birchip	469 18 6	112 16 3	582 14 9	..
Carwarp	*Cr.* 82 3 0	4 1 5	*Cr.* 78 1 7	..
Carwarp Central	*Cr.* 4 13 7	*Cr.* 0 1 1	*Cr.* 4 14 8	..
Harcourt	20 17 9	136 9 11	157 7 8	..
Hindmarsh	0 6 0	250 17 6	251 3 6	..
Karkarooc	*Cr.* 11 18 4	136 18 4	125 0 0	..
Kerang-North-West Lakes	1 8 1	25 16 5	27 4 6	..
Loddon	0 0 5	37 7 11	37 8 4	..
Long Lake	650 1 3	2,111 13 5	2,761 14 8	..
Millewa	*Cr.* 578 17 3	568 1 2	*Cr.* 10 16 1	..
Mornington Peninsula (including Headworks) ..	12,761 12 10	8,810 13 7	21,572 6 5	..
Normanville	123 8 10	1,759 17 2	1,883 6 0	..
Otway	2,363 10 5	13,803 8 11	16,166 19 4	..
Ouyen	..	1 1 8	1 1 8	..
Sea Lake	700 4 0	194 6 0	894 10 0	..
Tyntynder	1,495 13 2	4,666 5 2	6,161 18 4	..
Tyntynder North	32 0 7	409 5 4	441 5 11	..
Tyrrell	18 2 5	218 11 3	236 13 8	..
Tyrrell West	50 18 4	778 7 9	829 6 1	..
Upper Western Wimmera	1 2 9	938 2 9	939 5 6	..
Upper Wimmera United	14 16 4	777 16 9	792 13 1	..
Walpeup West	3 14 3	12 13 8	16 7 11	..
Werribee	10 9 4	69 16 3	80 5 7	..
West Loddon	21 15 5	298 14 3	320 9 8	..
Western Wimmera	59 6 0	4,906 12 8	4,965 18 8	..
Wimmera United	1 15 0	2,443 17 2	2,445 12 2	..
Wycheproof	818 9 10	257 0 9	1,075 10 7	..
Wychitella	435 9 0	1,329 12 9	1,765 1 9	..
Yelta	13 16 8	20 10 0	34 6 8	..
Urban Districts of Waterworks Districts.				
Allansford	27 14 8	61 0 11	88 15 7	..
Anglesea	48 1 9	28 4 2	76 5 11	..
Barwon Heads and Ocean Grove ..	17 5 11	121 15 8	139 1 7	..
Berriwillock	..	49 16 8	49 16 8	..
Berwick	148 6 6	205 7 4	353 13 10	..
Beulah	*Cr.* 24 2 8	*Cr.* 0 9 8	*Cr.* 24 12 4	..
Birchip	498 7 8	465 7 10	963 15 6	..
Birregurra	309 8 10	142 4 7	451 13 5	..
Bittern	9 6 6	15 12 10	24 19 4	..
Brim	122 13 4	244 13 8	367 7 0	..
Bunyip	73 0 9	77 16 9	150 17 6	..
Camperdown	111 2 8	972 16 10	1,083 19 6	..
Chelsea-Frankston	8,364 14 10	40,284 14 0	48,649 8 10	..
Chinkapook	0 11 10	0 1 8	0 13 6	..
Cobden	36 2 9	314 14 11	350 17 8	..
Coliban	46,247 18 4	68,400 12 9	114,648 11 1	..
Cranbourne	40 10 1	74 0 9	114 10 10	..
Crib Point	54 19 6	87 1 10	142 1 4	..
Dandenong-Springvale	5,517 13 0	17,788 1 9	23,305 14 9	..
Dimboola	4 13 0	32 6 8	36 19 8	..
Dromana-Portsea	1,139 19 1	3,201 12 6	4,341 11 7	..
Drysdale	15 4 4	30 14 0	45 18 4	..
Garfield	46 7 10	65 11 4	111 19 2	..
Hastings	75 10 0	89 7 0	164 17 0	..
Hopetoun	17 12 10	6 18 3	24 11 1	..
Jung-Jung	4 1 0	14 8 4	18 9 4	..
Koondrook	1 0 0	0 1 8	1 1 8	..
Lake Boga	..	267 17 7	267 17 7	..
Lascelles	*Cr.* 9 14 6	*Cr.* 0 16 8	*Cr.* 10 11 2	..
Longwarry	116 11 3	168 16 1	285 7 4	..
Manangatang	157 5 0	13 1 8	170 6 8	..
Marong	2 11 6	16 16 10	19 8 4	..
Merbein	45 0 0	1,957 14 4	2,002 14 4	..
Meringur	724 9 7	130 10 4	854 19 11	..
Minyip	..	104 2 10	104 2 10	..
Mornington	445 17 8	1,939 9 3	2,385 6 11	..
Nandaly	..	2 17 3	2 17 3	..
Nullawil	..	105 17 4	105 17 4	..
Nyah	86 0 6	185 8 2	271 8 8	..
Nyah West	..	72 6 5	72 6 5	..
Carried forward	2,692,910 18 4	7,015,785 2 3	9,708,696 0 7	

CAPITAL EXPENDITURE—*continued.*

STATEMENT OF MONEYS EXPENDED UNDER WATER SUPPLY LOAN ACTS FOR THE YEAR ENDED 30TH JUNE, 1952—*continued.*

Works.	Water Supply Loan Funds.						Treasurer's Advance.		
	Act 5485.			Act 5589.			Total Ordinary Loan Fund.					
	£	*s.*	*d.*	£	*s.*	*d.*	£	*s.*	*d.*	£	*s.*	*d.*
Brought forward	2,692,910	18	4	7,015,785	2	3	9,708,696	0	7			
Urban Districts of Waterworks Districts—continued.												
Ouyen	40	15	1	23	10	10	64	5	11	..		
Pakenham	376	15	9	1,358	6	10	1,735	2	7	..		
Patchewollock	262	0	6	39	8	11	301	9	5	..		
Portarlington	21	18	9	190	7	4	212	6	1	..		
Pyramid Hill	25	6	11	373	0	9	398	7	8	..		
Queenscliff and Point Lonsdale	67	17	11	336	13	8	404	11	7	..		
Rainbow	24	16	1	2	1	8	26	17	9	..		
Sea Lake	..			91	18	10	91	18	10	..		
Somerville	45	16	0	63	6	10	109	2	10	..		
South Frankston	1,369	5	9	629	16	0	1,999	1	9	..		
Speed	5	5	8	0	8	4	5	14	0	..		
Terang	92	1	1	660	3	4	752	4	5	..		
Torquay	496	1	4	183	2	11	679	4	3	..		
Ultima	436	3	6	2,386	19	9	2,823	3	3	..		
Walpeup	393	8	4	84	11	5	477	19	9	..		
Watchem	..			53	1	8	53	1	8	..		
Werrimull	2,818	7	10	1,226	11	11	4,044	19	9	..		
Wonthaggi	16	11	3	118	5	0	134	16	3	..		
Woorinen	698	9	4	58	3	4	756	12	8	..		
Wycheproof	1,217	3	6	1,564	7	2	2,781	10	8	..		
Yaapeet	..			25	19	1	25	19	1	..		
Flood Protection Districts.												
Cardinia	120	10	11	24	18	11	145	9	10	..		
Kanyapella	..			3	10	5	3	10	5	..		
Lower Koo-wee-rup	3,587	16	7	12,200	2	3	15,787	18	10	..		
Works under General Supervision of Commission.												
Waterworks Trusts and Local Governing Bodies..	146,092	15	1	686,409	8	11	832,502	4	0	4,000	0	0
River Improvement Trusts	7,450	1	9	23,839	3	0	31,289	4	9	..		
Latrobe Valley Drainage	..			9,369	3	10	9,369	3	10	..		
Totals	2,858,570	7	3	7,757,101	15	2	10,615,672	2	5	4,000	0	0

SUMMARY.

	£	*s.*	*d.*
Ordinary Loan Funds (Acts 5485, 5589)	10,615,672	2	5
Treasurer's Advance	4,000	0	0
Total	10,619,672	2	5

COUNTRY SEWERAGE AUTHORITIES.

	£	*s.*	*d.*
Country Sewerage Loan and Application Act 5256—Expenditure for year ended 30th June, 1952	47,524	5	6
Treasurer's Advance	32,250	5	1
Total	79,774	10	7

LOAN CAPITAL ACCOUNTS

LOAN CAPITAL ACCOUNTS.

WORKS UNDER CONTROL OF COMMISSION.

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

A.—CAPITAL WORKS AND CHARGES.

	Capital Charges Borne by Districts and Works.	Capital Charges Borne by the State Account.	Total.		Totals at 30th June, 1952.
	£ s. d.	£ s. d.	£ s. d.	£ s. d.	£ s. d.
Geelong (inclusive of Loan Flotation Expenses)	..	164,147 2 8	164,147 2 8		
Eppalock Reservoir	..	118,840 5 7	118,840 5 7		
Goulburn Levees	..	30,797 0 4	30,797 0 4		
Torrumbarry System (excluding Weir)	..	13,804 19 9	13,804 19 9		
Lang Lang River Works	..	48,543 8 9	48,543 8 9		
Surveys and Preliminary Investigations	..	505,641 13 3	505,641 13 3		
Loan Flotation Expenses	..	1,539,121 10 4	1,539,121 10 4		
River Improvements	..	15,554 11 10	15,554 11 10		
				2,436,450 12 6	
Bulk Store and Storeyard, South Melbourne, and Dynon Rd. Storeyard	..	7,028 15 5	7,028 15 5		
Water Supply Stores Suspense	..	1,053,000 0 0	1,053,000 0 0		
Plant and Machinery Suspense	1,576,577 4 11	..	1,576,577 4 11		
Central Plant Workshops, Bendigo (Land, Buildings, and Services, £131,193 1s. 1d.; Equipment, £27,719 16s. 2d.; Residences, £44,147 13s. 2d.)	17,636 8 0	185,424 2 5	203,060 10 5		
Plant, Sub-Depot, Kerang	361 14 7	3,500 18 11	3,862 13 6		
Commission Buildings ("Carlisle House," Exhibition-street, Melbourne, £82,747 9s. 7d.; Hydraulic Research Station, Werribee, £25,686 14s. 8d. including residences; Research and Testing Depot, Hawthorn, £9,171 2s. 7d.)	..	117,605 6 10	117,605 6 10		
Little River Weir	..	10,733 9 5	10,733 9 5		
				2,971,868 0 6	
					5,408,318 13 0

B.—STATE WORKS OF WATER SUPPLY.

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

Broken River Works.—Casey's Weir and offtake, with about 59 chains of channel to the Broken Creek; Gowangardie Weir with offtake sluice	14,855 13 9	
Goulburn River Works.—Weir on the Goulburn River, about 9 miles above Murchison; channel therefrom, about 23½ miles, to Waranga Reservoir; and that Reservoir (but exclusive of the work of its enlargement)	737,401 7 0	
Kerang North-West Lakes Works.—Weir on the Loddon River at its confluence with the Pyramid Creek; regulating weirs at the effluence from the Loddon of the Sheepwash and Washpen Creeks; channel from the Washpen Creek regulator to Reedy Lake, Middle Lake, Third Lake, Lake Charm, Racecourse Lake, Cullen's Lake, Kangaroo Lake, and Lake Tutchewop, and to the Little Murray River, with water storage works at these lakes	26,671 12 10	
Kow Swamp Works.—Intake from the River Murray with regulator, at the effluence of the Gunbower Creek; channel thence to the Kow Swamp Reservoir; and that Reservoir; channel along the northern side of the reservoir; channel from the outlet of the reservoir, about 23½ miles, to the left bank of the Loddon River	205,737 17 1	
Lake Lonsdale Reservoir.—Reservoir at Lake Lonsdale, on the Little Wimmera River, near Ledcourt	49,057 4 2	
Loddon River Works.—Laanecoorie Weir, on the Loddon; Bridgewater Weir, on the Loddon; Kinypaniel Weir, on the Loddon; Hepburn's Lagoon	185,855 18 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 10M, parish of Kooem; system of main distributary channels, about 85 miles in length	27,305 18 5	
Lower Wimmera Compensation Works.—Drung Drung Weir, on the Wimmera, near allotment 29, parish of Longerenong; Dimboola Weir, on the Wimmera, near Dimboola township; Antwerp Weir, on the Wimmera at Antwerp Station homestead; Jeparit Weir on the Wimmera, near Jeparit township	8,663 12 3	
		1,255,549 4 4

C.—HEADWORKS.

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

	£ s. d.	£ s. d.	£ s. d.	£ s. d.
Goulburn and Loddon Storages—				
Investigations	6,534 7 4			
Eildon Reservoir	1,863,063 1 3			
Eildon Reservoir Enlargement (Under Construction—Not Apportioned to Districts)	9,738,354 5 8			
Waranga Reservoir Enlargement	610,352 17 4			
Laanecoorie Weir Improvements	2,509 9 3			
Cairn Curran Reservoir (Under construction—Not Apportioned to Districts)	2,016,541 1 0			
		14,237,355 1 10		
Goulburn Main Channels—				
East Goulburn Main	376,900 14 4			
Goulburn–Waranga	6,922 8 4			
Goulburn–Waranga Duplication (Under Construction—Not Apportioned to Districts)	270,576 15 2			
Waranga–Western Main	1,047,813 15 8			
Main Distributaries	11,246 2 9			
		1,713,459 16 3		
Total Goulburn and Loddon Works		15,950,814 18 1		
Less Debited to Wimmera–Mallee		99,352 19 9		
			15,851,461 18 4	
Bacchus Marsh and Werribee Schemes—				
Ballan Tunnel		21,677 14 8		
Pykes Creek Reservoir		143,544 7 9		
Melton Reservoir		99,985 6 6		
Lerderderg River Flats		330 0 8		
			265,537 9 7	
Bellarine Peninsula Waterworks District (exclusive of cost of Urban Reticulation)		627,971 1 5		
Less Redemption paid to Revenue		1,887 5 1		
			626,083 16 4	
Mornington Peninsula Waterworks District (exclusive of (a) cost of Distributary Works and Urban Reticulation, (b) Tarago Works)		1,119,689 5 3		
Less Redemption paid to Revenue		1,936 13 3		
			1,117,752 12 0	
Tarago Works (Not Apportioned to Districts)		..	593,655 16 10	
Maffra-Sale Scheme—Glenmaggie Reservoir (includes Expenditure on Proposed Enlargement, £17,640 8s. 11d.—Not Apportioned to Districts)		..	704,279 3 10	
River Murray Agreement Works (Victorian Contributions under River Murray Waters Acts)		..	2,990,745 13 8	
River Murray Agreement Works—Hume Reservoir Enlargement, &c. (Not Apportioned to Districts)		..	105,000 0 0	
River Murray State Works—Surveys, &c.		..	7,506 18 7	
Otway Waterworks District (exclusive of cost of Urban Reticulation)		308,918 19 4		
Less Redemption Paid to Revenue		3,348 6 5		
			305,570 12 11	
Wimmera–Mallee—				
Main Channels and Storages inclusive of £99,352 19s. 9d. from Goulburn Works		976,199 10 8		
Glenelg River Development Works (Under Construction, Not Apportioned to Districts)		2,574,957 0 11	3,551,156 11 7	
				26,118,750 13 8
			Carried forward ..	32,782,618 11 0

LOAN CAPITAL ACCOUNTS—*continued.*

Name of District.	Loan Capital Expenditure.			Allotted to District.	Capital Expenditure borne by the State Account.			Totals at 30th June 1952.
	Headworks.	Distributary Works.	Total.		Headworks.	Distributary Works.	Total.	
	£ s. d.	£ s. d.	£ s. d.	£ s. d.	£ s. d.	£ s. d.	£ s. d.	£ s. d.
Brought forward ..								32,782,618 11 0
D.—IRRIGATION AND WATER SUPPLY DISTRICTS.								
1. Bacchus Marsh	83,253 1 8	104,380 11 11	187,633 13 7	..	83,253 1 8	104,380 11 11	187,633 13 7	
2. Boort	169,423 5 5	117,647 4 3	287,070 9 8	..	169,423 5 5	117,647 4 3	287,070 9 8	
3. Calivil	81,181 1 5	118,409 16 1	199,590 17 6	..	81,181 1 5	118,409 16 1	199,590 17 6	
4. Campaspe	4,998 2 2	61,696 6 11	66,694 9 1	..	4,998 2 2	61,696 6 11	66,694 9 1	
5. Central Gippsland (under construction)	..	1,277,416 18 0	1,277,416 18 0	..	..	1,277,416 18 0	1,277,416 18 0	
6. Cohuna	500,500 8 1	370,177 18 3	870,678 6 4	..	500,500 8 1	370,177 18 3	870,678 6 4	
7. Deakin	36,681 12 8	62,110 18 4	98,792 11 0	..	36,681 12 8	62,110 18 4	98,792 11 0	
8. Dingee	57,919 12 9	36,380 6 11	94,299 19 8	..	57,919 12 9	36,380 6 11	94,299 19 8	
9. Fish Point	21,707 0 0	18,404 0 1	40,111 0 1	..	21,707 0 0	18,404 0 1	40,111 0 1	
10. Katandra	76,191 19 9	112,551 6 9	188,743 6 6	..	76,191 19 9	112,551 6 9	188,743 6 6	
11. Kerang	251,516 0 0	137,508 15 10	389,024 15 10	..	251,516 0 0	137,508 15 10	389,024 15 10	
12. Koondrook	247,864 0 0	239,636 4 1	487,500 4 1	..	247,864 0 0	239,636 4 1	487,500 4 1	
13. Maffra–Sale	686,638 14 11	671,277 18 7	1,357,916 13 6	..	686,638 14 11	671,277 18 7	1,357,916 13 6	
14. Murray Valley	897,294 4 6	2,160,281 10 0	3,057,575 14 6	..	897,294 4 6	2,160,281 10 0	3,057,575 14 6	
15. Mystic Park	39,419 19 8	20,998 10 10	60,418 10 6	..	39,419 19 8	20,998 10 10	60,418 10 6	
16. North Shepparton	160,817 1 6	215,026 18 6	375,844 0 0	..	160,817 1 6	215,026 18 6	375,844 0 0	
17. Nyah	74,857 0 0	202,138 16 11	276,995 16 11	..	74,857 0 0	202,138 16 11	276,995 16 11	
18. Red Cliffs–Merbein	478,912 0 0	1,122,727 11 2	1,601,639 11 2	..	478,912 0 0	1,122,727 11 2	1,601,639 11 2	
19. Robinvale (under construction)	..	562,064 13 9	562,064 13 9	..	..	562,064 13 9	562,064 13 9	
20. Rochester	839,375 4 10	365,453 16 5	1,204,829 1 3	..	839,375 4 10	365,453 16 5	1,204,829 1 3	
21. Rodney	902,356 5 4	687,339 0 9	1,589,695 6 1	..	902,356 5 4	687,339 0 9	1,589,695 6 1	
22. Shepparton	291,835 0 6	214,226 19 3	506,061 19 9	..	291,835 0 6	214,226 19 3	506,061 19 9	
23. South Shepparton	59,840 16 2	61,072 18 11	120,913 15 1	..	59,840 16 2	61,072 18 11	120,913 15 1	
24. Swan Hill	293,491 17 0	193,918 5 9	487,410 2 9	..	293,491 17 0	193,918 5 9	487,410 2 9	
25. Third Lake	25,637 0 0	26,140 17 8	51,777 17 8	..	25,637 0 0	26,140 17 8	51,777 17 8	
26. Tongala–Stanhope	640,792 15 8	321,779 3 1	962,571 18 9	..	640,792 15 8	321,779 3 1	962,571 18 9	
27. Tragowel Plains	504,522 1 4	292,267 18 5	796,789 19 9	..	504,522 1 4	292,267 18 5	796,789 19 9	
28. Tresco	25,960 0 0	100,496 12 9	126,456 12 9	..	25,960 0 0	100,496 12 9	126,456 12 9	
29. Werribee	182,284 7 11	130,175 17 0	312,460 4 11	..	182,284 7 11	130,175 17 0	312,460 4 11	
Totals	7,635,270 13 3	10,003,707 17 2	17,638,978 10 5	..	7,635,270 13 3	10,003,707 17 2	17,638,978 10 5	10,003,707 17 2

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

1. Cohuna	..	10,270 18 5	10,270 18 5	3,160 3 8	..	7,110 14 9	7,110 14 9		
2. Corop	..	231 15 6	231 15 6	..	..	231 15 6	231 15 6		
3. Dingee	..	1,674 3 11	1,674 3 11	..	..	1,674 3 11	1,674 3 11		
4. Heyfield	..	25,336 16 2	25,336 16 2	..	..	25,336 16 2	25,336 16 2		
5. Leitchville	..	4,188 15 4	4,188 15 4	..	..	4,188 15 4	4,188 15 4		
6. Lockington	..	2,489 17 8	2,489 17 8	120 0 5	..	2,369 17 3	2,369 17 3		
7. Macorna	..	1,487 18 0	1,487 18 0	..	..	1,487 18 0	1,487 18 0		
8. Murrabit	..	1,030 18 3	1,030 18 3	..	..	1,030 18 3	1,030 18 3		
9. Red Cliffs	..	31,980 16 4	31,980 16 4	1,624 2 5	..	30,356 13 11	30,356 13 11		
10. Robinvale	..	11,790 9 3	11,790 9 3	..	..	11,790 9 3	11,790 9 3		
11. Stanhope	..	5,876 5 0	5,876 5 0	..	..	5,876 5 0	5,876 5 0		
12. Tallygaroopna	..	4,087 0 2	4,087 0 2	..	..	4,087 0 2	4,087 0 2		
Totals	..	100,445 14 0	100,445 14 0	4,904 6 6	..	95,541 7 6	95,541 7 6	**100,445 14 0**

F.—WATERWORKS DISTRICTS.

1. Axe Creek	..	4,976 12 1	4,976 12 1	..	..	4,976 12 1	4,976 12 1		
2. Bellarine Peninsula	..	457,141 2 7	..	457,141 2 7	83,187 4 2	373,953 18 5	..	373,953 18 5		
3. Birchip	..	38,178 1 2	104,330 3 9	142,508 4 11	..	38,178 1 2	104,330 3 9	142,508 4 11		
4. Carwarp	..	..	42,153 16 7	42,153 16 7	..	..	42,153 16 7	42,153 16 7		
5. Carwarp Central	..	..	2,400 3 5	2,400 3 5	..	..	2,400 3 5	2,400 3 5		
6. East Loddon	..	..	2,287 14 1	2,287 14 1	..	..	2,287 14 1	2,287 14 1		
7. Harcourt	..	..	17,257 3 9	17,257 3 9	..	..	17,257 3 9	17,257 3 9		
8. Hindmarsh	..	4,249 15 5	16,572 14 7	20,822 10 0	..	4,249 15 5	16,572 14 7	20,822 10 0		
9. Karkarooc	..	99,127 17 4	223,027 11 4	322,155 8 8	..	99,127 17 4	223,027 11 4	322,155 8 8		
10. Kerang North-West Lakes	..	..	4,064 7 10	4,064 7 10	..	..	4,064 7 10	4,064 7 10		
11. Loddon	..	..	3,140 13 2	3,140 13 2	..	..	3,140 13 2	3,140 13 2		
12. Long Lake	..	65,511 8 4	114,751 0 7	180,262 8 11	..	65,511 8 4	114,751 0 7	180,262 8 11		
13. Millewa	..	141,148 0 0	529,033 6 6	670,181 6 6	..	141,148 0 0	529,033 6 6	670,181 6 6		
14. Mornington Peninsula	..	161,311 18 5	13,424 0 0	174,765 18 5	89,814 19 10	84,950 18 7	..	84,950 18 7		
15. Newstead	..	..	4,636 6 10	4,636 6 10	..	..	4,636 6 10	4,636 6 10		
16. Normanville	..	..	52,289 3 8	52,289 3 8	..	..	52,289 3 8	52,289 3 8		
17. Otway	..	215,966 12 11	..	215,966 12 11	89,521 17 6	126,444 15 5	..	126,444 15 5		
18. Ouyen	..	96,663 5 5	180,895 3 4	277,558 8 9	..	96,663 5 5	180,895 3 4	277,558 8 9		
19. Sea Lake	..	49,070 3 9	155,260 14 2	204,330 17 11	..	49,070 3 9	155,260 14 2	204,330 17 11		
20. Tyntynder	..	92,543 11 11	206,018 9 9	298,562 1 8	..	92,543 11 11	206,018 9 9	298,562 1 8		
21. Tyntynder North	..	31,379 10 3	122,962 16 0	154,342 6 3	..	31,379 10 3	122,962 16 0	154,342 6 3		
22. Tyrrell	..	83,522 13 8	166,364 14 4	249,887 8 0	..	83,522 13 8	166,364 14 4	249,887 8 0		
23. Tyrrell West	..	57,231 10 5	108,728 10 10	165,960 1 3	..	57,231 10 5	108,728 10 10	165,960 1 3		
24. Upper Western Wimmera	..	28,888 11 0	62,080 3 10	90,968 14 10	..	28,888 11 0	62,080 3 10	90,968 11 10		
25. Upper Wimmera United	..	15,342 12 0	80,680 4 7	126,022 16 7	..	15,342 12 0	80,680 1 7	126,022 16 7		
26. Walpeup West	..	..	35,957 17 11	35,957 17 11	..	..	35,957 17 11	35,957 17 11		
27. Werribee	..	..	12,495 1 4	12,495 1 4	..	..	12,495 1 4	12,495 1 4		
28. West Loddon	..	..	9,636 12 1	9,636 12 1	..	..	9,636 12 1	9,636 12 1		
29. Western Wimmera	..	119,073 12 10	265,773 10 9	384,847 3 7	..	119,073 12 10	265,773 10 9	384,847 3 7		
30. Wimmera United	..	100,093 1 1	214,887 14 1	314,980 15 2	..	100,093 1 1	214,887 14 1	314,980 15 2		
31. Wycheproof	..	65,323 16 1	180,545 19 6	245,869 15 7	..	65,323 16 1	180,545 19 6	245,869 15 7		
32. Wychitella	..	..	140,242 8 5	140,242 8 5	..	..	140,242 8 5	140,242 8 5		
33. Yelta	..	..	6,237 5 5	6,237 5 5	..	..	6,237 5 5	6,237 5 5		
Totals	..	1,951,797 4 7	3,083,112 4 6	5,034,909 9 1	262,524 1 6	1,702,697 3 1	3,069,688 4 6	4,772,385 7 7	**3,083,112 4 6**
Carried forward	..								**45,969,884 6 8**

Total at 30th June, 1952.

	£	s.	d.
Brought forward ..	45,969,884	6	8

Name of District.	Loan Capital Expenditure.									Allotted to District.			Capital Expenditure borne by the State Account.								
	Headworks.			Distributary Works.			Total.						Headworks.			Distributary Works.			Total.		
	£	s.	d.	£	s.	d.	£	s.	d.	£	s.	d.	£	s.	d.	£	s.	d.	£	s.	d.
G.—URBAN DISTRICTS OF WATERWORKS DISTRICTS.																					
1. Allansford	1,600	0	0	1,500	1	4	3,100	1	4	811	11	2	1,544	1	3	744	8	11	2,288	10	2
2. Anglesea	2,411	1	1	12,512	1	1	14,953	2	5	29	10	1	2,411	11	3	12,512	1	1	14,923	12	4
3. Anewerp	..			710	11	9	710	11	9	257	14	1	..			452	17	8	452	17	8
4. Barwon Heads and Ocean Grove	39,904	16	1	22,172	8	4	62,077	4	8	7,902	14	8	38,940	6	0	15,234	4	0	54,174	10	0
5. Berriwillock	..			7,796	7	1	7,796	7	1	3	5	5	..			7,793	1	8	7,793	1	8
6. Berwick	17,531	18	11	10,586	17	3	28,121	16	2	19,411	16	10	1,236	18	11	4,473	0	5	8,709	19	4
7. Beulah	..			7,660	8	10	7,660	8	10	2	13	2	..			7,657	15	8	7,657	15	8
8. Birchip	..			16,141	16	0	16,141	16	0	..			..			16,141	16	0	16,141	16	0
9. Birregurra	1,963	0	0	33,442	3	1	35,405	3	1	..			1,963	0	0	33,442	3	1	35,105	3	1
10. Bittern	1,548	17	2	1,375	10	4	2,924	7	6	15	11	3	1,548	17	2	1,359	19	1	2,908	16	3
11. Brim	..			9,369	17	8	9,369	17	8	332	8	6	..			9,037	9	2	9,037	9	2
12. Bunyip	4,140	9	11	2,621	3	2	6,761	13	1	1,771	9	11	1,140	9	11	849	13	3	4,990	3	2
13. Camperdown	46,469	0	0	53,246	5	1	99,715	5	1	54,062	13	7	39,927	1	3	5,725	10	3	45,652	11	6
14. Carwarp	..			635	19	0	635	19	0	..			..			635	19	0	635	19	0
15. Chelsea–Frankston	363,651	2	10	247,254	6	1	610,905	8	11	248,475	7	10	272,632	2	10	119,797	18	3	392,430	1	1
16. Chillingollah	..			2,482	1	3	2,482	1	3	..			..			2,482	1	3	2,482	1	3
17. Chinkapook	..			2,816	12	8	2,816	12	8	..			..			2,816	12	8	2,816	12	8
18. Cobden	9,213	0	0	17,620	17	8	26,833	17	8	12,654	7	3	9,213	0	0	1,966	10	5	14,179	10	5
19. Coliban	..			2,108,911	12	5	2,108,914	12	5	293,199	19	6	..			2,115,714	12	11	2,115,714	12	11
20. Cranbourne	2,653	17	6	1,455	11	1	7,109	8	7	590	5	9	2,653	17	6	3,865	5	1	6,519	2	10
21. Crib Point	6,881	1	5	1,789	2	6	11,673	3	11	2,282	4	3	6,884	1	5	2,506	18	3	9,390	19	8
22. Cuigoa	..			4,403	5	7	4,403	5	7	2,239	16	5	..			2,163	9	2	2,163	9	2
23. Dandenong–Springvale ..	347,021	19	2	172,104	18	7	519,126	17	9	190,959	7	8	232,558	1	0	95,609	6	1	328,167	10	1
24. Dimboola	..			19,764	8	5	19,764	8	5	10,830	1	6	..			8,934	6	11	8,934	6	11
25. Dooen	..			698	2	0	698	2	0	16	18	0	..			681	4	0	681	4	0
26. Dromana–Portsea	109,046	1	7	136,242	7	3	245,288	8	10	139,528	18	11	99,239	1	7	6,520	8	4	105,759	9	11
27. Drysdale	13,229	18	11	8,717	5	6	21,977	4	5	38	2	0	13,191	8	3	8,747	14	2	21,939	2	5
28. Garfield	1,946	12	7	1,357	4	6	3,303	17	1	3,046	6	0	62	12	7	194	18	6	257	11	1
29. Garvoc	..			51	4	8	51	4	8	..			..			51	4	8	51	4	8
30. Hastings	6,069	18	1	8,305	1	7	14,375	2	8	6	4	10	6,069	18	1	8,298	19	9	14,368	17	10
31. Hopetoun	..			10,803	11	9	10,803	11	9	23	15	4	..			10,779	16	5	10,779	16	5
32. Jeparit	..			13,641	14	1	13,641	14	4	5,653	5	8	..			7,988	8	8	7,988	8	8
33. Jung Jung	..			4,613	1	8	4,613	1	8	1	12	6	..			4,611	9	2	4,611	9	2
34. Koondrook	..			6,170	5	1	6,170	5	1	..			..			6,170	5	1	6,170	5	1
35. Lake Boga	..			6,575	9	4	6,575	9	4	95	11	3	..			6,479	18	1	6,479	18	1
36. Lalbert	..			1,641	14	7	4,641	14	7	98	11	10	..			4,543	2	9	4,543	2	9
37. Lascelles	..			4,493	16	4	4,493	16	4	16	18	0	..			4,476	18	4	4,476	18	4
38. Longwarry	8,661	13	8	3,955	14	2	12,617	7	10	9,667	1	6	147	13	8	2,802	12	8	2,950	6	4
39. Manangatang	..			5,652	3	3	5,652	3	3	1,635	6	3	..			4,016	17	0	4,016	17	0
40. Marnoo	..			4,153	5	3	4,153	5	3	1,333	9	2	..			2,819	16	1	2,819	16	1
41. Marong	..			2,128	17	9	2,128	17	9	22	18	10	..			2,105	18	11	2,105	18	11

42. Merbein	..	..	..	..			24,443	19	4	24,443	19	1	4,029	19	8	..			20,413	19	8	20,413	19	8	
43. Meringur	..	..	..	..			4,390	11	6	4,390	14	6	4	6	8	..			4,386	7	10	4,386	7	10	
44. Minyip	..	..	..	..			10,416	17	7	10,416	17	7	3,060	18	6	..			7,355	19	1	7,355	19	1	
45. Mitiamo	..	..	..	..			2,410	16	2	2,410	16	2	..			..			2,410	16	2	2,410	16	2	
46. Mornington	..	..	..	61,690	9	1	51,239	12	8	112,930	1	9	52,670	1	6	36,979	10	8	23,280	9	7	60,260	0	3	
47. Nandaly	..	..	..	..			2,349	13	8	2,349	13	8	3	5	0	..			2,346	8	8	2,346	8	8	
48. Nar-nar-goon and Tynong		..	..	..			140	9	1	140	9	1	..			..			140	9	1	140	9	1	
49. Natimuk	..	..	..	..			4,933	4	8	4,933	4	8	4,057	19	0	..			875	5	8	875	5	8	
50. Newstead	..	..	..	..			7,873	19	8	7,873	19	8	1,763	13	10	..			6,110	5	10	6,110	5	10	
51. Nullawil	..	..	..	..			3,757	9	2	3,757	9	2	280	16	6	..			3,476	12	8	3,476	12	8	
52. Nyah	..	..	..	..			962	16	2	962	16	2	..			..			962	16	2	962	16	2	
53. Nyah West	..	..	..	..			6,262	17	9	6,262	17	9	..			..			6,262	17	9	6,262	17	9	
54. Officer	..	..	..	..			850	4	6	856	4	6	..			..			850	4	6	850	4	6	
55. Ouyen	..	..	..	..			21,637	10	2	21,637	10	2	60	15	3	..			21,576	14	11	21,576	14	11	
56. Pakenham	..	..	..	5,258	14	5	10,479	1	2	15,737	18	7	13,467	4	10	271	14	5	1,995	19	4	2,270	13	9	
57. Patchewollock		..	..	..			4,352	15	10	4,352	15	10	1	12	6	..			1,351	3	4	4,351	3	4	
58. Piangil	..	..	..	..			7,472	12	1	7,472	12	1	..			..			7,472	12	1	7,472	12	1	
59. Portarlington	..	..	..	17,636	19	11	16,233	8	7	33,870	8	6	77	14	6	17,559	5	5	16,233	8	7	33,792	14	0	
60. Pyramid Hill		..	..	..			7,018	4	11	7,018	4	11	1,288	15	10	..			5,729	9	1	5,729	9	1	
61. Quambatook		..	..	..			4,864	11	7	4,864	11	7	3	4	11	..			4,861	6	8	4,861	6	8	
62. Queenscliff and Point Lonsdale				88,075	3	6	31,737	11	2	119,812	14	8	16,089	2	6	81,282	7	5	22,441	4	9	103,723	12	2	
63. Rainbow	..	..	..	..			11,595	19	0	11,595	19	0	7,515	12	10	..			1,080	6	2	4,080	6	2	
64. Rupanyup	..	..	..	..			10,857	1	8	10,857	1	8	1,116	0	4	..			6,741	1	4	6,741	1	4	
65. Sea Lake	..	..	..	..			7,865	4	2	7,865	1	2	1,533	3	4	..			6,332	0	10	6,332	0	10	
66. Somerville	..	..	..	2,587	17	1	3,146	7	1	5,734	1	2	4,581	15	3	698	7	2	451	1	9	1,152	8	11	
67. South Frankston		..	..	17,711	0	2	19,218	8	7	36,932	8	9	26,140	7	9	7,473	0	2	3,019	0	10	10,492	1	0	
68. Speed	..	..	..	..			2,902	8	0	2,902	8	0	0	17	9	..			2,901	10	3	2,901	10	3	
69. Tempy	..	..	..	..			2,644	5	0	2,644	5	0	17	13	7	..			2,626	11	5	2,626	11	5	
70. Terang	..	..	..	32,322	0	0	27,953	0	10	60,275	0	10	27,771	10	0	28,860	4	6	3,640	6	4	32,500	10	10	
71. Torquay	..	..	..	5,691	13	9	15,375	8	4	21,067	2	1	143	0	6	5,617	10	2	15,306	11	5	20,924	1	7	
72. Ultima	..	..	..	..			11,037	15	9	11,037	15	9	17	6	8	..			11,020	9	1	11,020	9	1	
73. Waitchie	..	..	..	..			2,520	14	1	2,520	14	1	..			..			2,520	14	4	2,520	14	4	
74. Walpeup	..	..	..	..			2,551	19	6	2,551	19	6	24	3	5	..			2,527	16	1	2,527	16	1	
75. Watchem	..	..	..	..			5,116	8	6	5,116	8	6	122	18	7	..			1,993	9	11	4,993	9	11	
76. Werrimull	..	..	..	..			9,168	19	7	9,168	19	7	1	12	6	..			9,167	7	1	9,167	7	1	
77. Wonthaggi	..	..	..	..			76,396	8	11	76,396	8	11	9,021	0	8	..			67,375	8	3	67,375	8	3	
78. Woomelang		..	..	..			9,249	1	1	9,249	1	1	15	6	8	..			9,233	11	5	9,233	14	5	
79. Woorinen	..	..	..	..			6,857	8	3	6,857	8	3	580	16	11	..			6,276	11	4	6,276	11	4	
80. Wycheproof		..	..	..			21,268	17	2	21,268	17	2	..			..			21,268	17	2	21,268	17	2	
81. Yarpeet	..	..	..	..			2,331	11	0	2,331	11	0	3	14	1	..			2,330	16	8	2,330	16	8	
Totals	..	..		1,214,957	7	4	3,758,497	11	5	4,973,454	18	9	1,155,787	11	0	916,109	5	7	2,901,558	2	2	3,817,667	7	9	3,758,497 11 5

H.—FLOOD PROTECTION DISTRICTS.

1. Cardinia	..	..	..	..			113,254	4	3	113,254	4	3	..			..			113,254	1	3	113,254	4	3	
2. Kanyapella	..	..	..	..			3,888	11	10	3,888	11	10	..			..			3,888	11	10	3,888	11	10	
3. Lower Koo-wee-rup	..	..	..	..			382,227	0	2	382,227	0	2	..			..			382,227	0	2	382,227	0	2	
4. Loch Garry	..	..	..	..			18,621	18	11	18,621	18	11	..			..			18,621	18	11	18,621	18	11	
Totals	..	..		..			517,991	15	2	517,991	15	2	..			..			517,991	15	2	517,991	15	2	517,991 15 2
																		Carried forward	..					50,246,373 13 3

LOAN CAPITAL ACCOUNTS—*continued.*

Name of District.	Loan Capital Expenditure. Headworks.	Loan Capital Expenditure. Distributary Works.	Loan Capital Expenditure. Total.	Allotted to District.	Capital Expenditure borne by the State Account. Headworks.	Capital Expenditure borne by the State Account. Distributary Works.	Capital Expenditure borne by the State Account. Total.	Totals at 30th June, 1952.
	£ s. d.	£ s. d.	£ s. d.	£ s. d.	£ s. d.	£ s. d.	£ s. d.	£ s. d.
Brought forward ..								50,246,373 13 3
I.—DRAINAGE DISTRICT.								
1. Carrum	..	26,841 17 1	26,841 17 1	..	..	26,841 17 1	26,841 17 1	
Totals	..	26,841 17 1	26,841 17 1	..	..	26,841 17 1	26,841 17 1	26,841 17 1
Totals, Commission's Districts (Statements D, E, F, G, H, and I.)	**10,802,025 5 2**	**17,490,596 19 4**	**28,292,622 4 6**	**1,423,215 19 0**	**10,254,077 1 11**	**16,615,329 3 7**	**26,869,406 5 6**	

* Exclusive of Plant and Machinery Suspense Account, £1,576,577 4s. 11d. Plant Workshops and Depots, £17,998 2s. 7d. Total, £1,594,575 7s. 6d. (Statement A).

† Exclusive of following Works not apportioned to Districts, viz.: Glenelg River Development Works, £2,574,957 0s. 11d.; Cairn Curran Reservoir, £2,016,541 1s. 0d.; Goulburn-Waranga Channel Duplication, £270,576 15s. 2d.; Tarago Works, £593,655 16s. 10d.; Eildon Reservoir Enlargement, £9,738,354 5s. 8d.; Glenmaggie Reservoir Enlargement, £17,640 8s. 11d.; Hume Reservoir Enlargement, &c., £105,000. Total, £15,316,725 8s. 6d. (Statement C).

WORKS UNDER GENERAL SUPERVISION OF COMMISSION.

J.—WATERWORKS TRUSTS AND LOCAL GOVERNING BODIES.

	£ s. d.	£ s. d.	£ s. d.
Waterworks Trusts, First Mildura Irrigation Trust and Local Governing Bodies Loan Liability	..	3,473,619 10 2	
Amounts Written Off and Free Grants to Local Authorities as at 30th June, 1951. (For details see Annual Report for year 1950–51)	2,676,092 6 11		
Under *Water Act* 1950, No. 5485, Amounts Written Off	57,459 10 10		
Under *Water Act* 1951, No. 5589, Amounts Written Off	126,289 13 6		
		2,859,841 11 3	
			6,333,461 1 5

K.—RIVER IMPROVEMENT TRUSTS.

River Improvement Trusts and Other Public Authorities pursuant to Part IV. of the *River Improvement Act* 1948	..	15,538 5 8	
Under *Water Act* 1950, No. 5485, Amounts Written Off	4,193 6 10		
Under *Water Act* 1951, No. 5589, Amounts Written Off	13,639 13 3		
		17,833 0 1	
			33,371 5 9

L.—LATROBE VALLEY.

Latrobe Valley Drainage	9,369 3 10
Grand Total Net Loan Capital Expenditure (Exclusive of Equity in National Debt Sinking Fund)	**56,649,417 1 4**

SUMMARY STATEMENT OF LOAN CAPITAL ACCOUNTS AS AT 30th JUNE, 1952.

Reference to Preceding Statements.	Works.	Total Loan Capital Expenditure.	Deduct Redemption Paid.	Net Loan Capital.	At Debit of Authorities and Borne by Districts.	Capital Expenditure Borne by the State.
		£ s. d.	£ s. d.	£ s. d.	£ s. d.	£ s. d.
A	Capital Works and Charges	5,812,633 11 10	404,314 18 10	5,408,318 13 0	1,594,575 7 6	3,813,743 5 6
B	State Works of Water Supply	1,258,783 11 2	3,234 6 10	1,255,549 4 4	..	1,255,549 4 4
C	Headworks Costs in respect of Irrigation and Water Supply Districts and Waterworks Districts	26,269,837 14 6	151,087 0 10	26,118,750 13 8	547,948 14 7	25,570,801 19 1
D	Irrigation and Water Supply Districts, exclusive of Headworks Costs	10,115,707 10 3	111,999 13 1	10,003,707 17 2	..	10,003,707 17 2
E	Urban Divisions of Irrigation Districts	102,903 12 11	2,457 18 11	100,445 14 0	4,904 6 6	95,541 7 6
F	Waterworks Districts, exclusive of Headworks Costs	3,148,054 17 7	64,942 13 1	3,083,112 4 6	..	3,083,112 4 6
G	Urban Districts of Waterworks Districts, exclusive of Headworks Costs	3,820,538 17 2	62,041 5 9	3,758,497 11 5	870,362 17 11	2,888,134 13 6
H	Flood Protection Districts	526,696 11 9	8,704 16 7	517,991 15 2	..	517,991 15 2
I	Drainage District	27,550 11 6	708 14 5	26,841 17 1	..	26,841 17 1
	Total Works under control of Commission	51,082,706 18 8	809,491 8 4	50,273,215 10 4	3,017,791 6 6	47,255,424 3 10
J	Waterworks Trusts and Local Governing Bodies	7,346,005 15 2	1,012,544 13 9	6,333,461 1 5	3,473,619 10 2	2,859,841 11 3
K	River Improvement Trusts	33,434 4 9	62 19 0	33,371 5 9	15,538 5 8	17,833 0 1
L	Latrobe Valley Drainage	9,369 3 10	..	9,369 3 10	9,369 3 10	..
		58,471,516 2 5	1,822,099 1 1	56,649,417 1 4	6,516,318 6 2	50,133,098 15 2

RECONCILIATION STATEMENT.

COUNTRY WATER SUPPLY AND STATE DEVELOPMENT ACCOUNTS IN THE BOOKS OF THE TREASURY WITH CAPITAL ACCOUNTS IN THE BOOKS OF THE COMMISSION AS AT 30TH JUNE, 1952.

—	Total.	Water Supply.	State Development Account.
	£ s. d.	£ s. d.	£ s. d.
Net Loan Liability as per Treasurer's Finance Statement (page 73)	52,251,625 5 0	6,149,770 4 5	46,101,855 0 7
Expenditure on Account of Loan from Treasurer's Advance	4,000 0 0	4,000 0 0	..
Add —			
Cost of Geelong Works. "Finance" (page 74)	138,594 15 10	..	138,594 15 10
National Debt Sinking Fund contributions from Consolidated Revenue pursuant to the provisions of the *Commonwealth and States Financial Agreement Act* 1927, No. 3554, as amended by Act No. 5051, 1944. "Finance" (Page 73). (These amounts not credited to Districts and Works excepting recoup contributions shown below)	4,820,614 7 11	650,696 7 5	4,169,918 0 6
National Debt Sinking Fund contributions in respect of Geelong Works. "Finance" (Page 74)	25,552 6 10	..	25,552 6 10
	57,240,386 15 7	6,804,466 11 10	50,435,920 3 9
Less—			
Redemption recoup contributions paid into Consolidated Revenue by Commission Districts and Works, Waterworks Trusts, &c. ..	590,969 14 3	590,969 14 3	..
Transfers on Re-allocation of Capital	..	..	302,821 8 7
Plus—Transfers on Re-allocation of Capital	..	302,821 8 7	..
Totals of amounts at debit of Authorities and Districts and the Capital Expenditure borne by the State Account in the books of the Commission	56,649,417 1 4	6,516,318 6 2	50,133,098 15 2

CAPITAL EXPENDITURE.

STATEMENT OF CAPITAL EXPENDITURE ON WORKS OF COUNTRY WATER SUPPLY, AS FROM THE DATE OF INCORPORATION OF THE STATE RIVERS AND WATER SUPPLY COMMISSION (1ST MAY, 1906) TO 30TH JUNE, 1952.

Year ended 30th June.	Total Expenditure and or Water Supply Loans Application Acts.		Total Capital Expenditure by Commission from Unemployment Relief Funds.		Total Capital Expenditure under Water Supply Loans Application Acts and from Unemployment Relief Funds.	
	During Year.	Progressive Total at Close of Year.	During Year.	Progressive Total at Close of Year.	During Year.	Progressive Total at Close of Year.
	£ s. d.	£ s. d.	£ s. d.	£ s. d.	£ s. d.	£ s. d.
1906	..	5,885,066 12 4*a*	..	..	..	5,885,066 12 4*a*
1907	161,346 7 4	6,046,412 19 8	..	..	161,346 7 4	6,046,412 19 8
1908	276,582 17 0	5,881,843 15 0*b*	..	..	276,582 17 0	5,881,843 15 0*b*
1909	313,615 11 3	6,195,459 6 3*c*	..	..	313,615 11 3	6,195,459 6 3*c*
1910	286,823 8 3	6,482,282 14 6	..	..	286,823 8 3	6,482,282 14 6
1911	311,709 7 4	6,793,992 1 10	..	..	311,709 7 4	6,793,992 1 10
1912	259,281 0 11	7,053,273 2 9	..	..	259,281 0 11	7,053,273 2 9
1913	267,560 1 11	7,320,833 4 8	..	..	367,560 1 11	7,320,833 4 8
1914	229,126 17 0	7,549,960 1 8	..	..	229,126 17 0	7,549,960 1 8
1915	304,766 9 9	7,854,726 11 5	..	..	304,766 9 9	7,854,726 11 5
1916	347,134 18 5	8,201,861 9 10	..	..	347,134 18 5	8,201,861 9 10
1917	302,893 11 7	8,504,755 1 5	..	..	302,893 11 7	8,504,755 1 5
1918	302,954 14 7	8,807,709 16 0	..	..	302,954 14 7	8,807,709 16 0
1919	412,267 8 3	9,219,977 4 3	..	..	412,267 8 3	9,219,977 4 3
1920	570,028 2 4	9,790,005 6 7	..	..	570,028 2 4	9,790,005 6 7
1921	692,658 14 1	10,482,664 0 8	..	..	692,658 14 1	10,482,664 0 8
1922	968,047 8 8	11,450,711 9 4	..	..	968,047 8 8	11,450,711 9 4
1923	1,210,484 8 9	12,661,195 18 1	..	..	1,210,484 8 9	12,661,195 18 1
1924	1,415,109 1 5	14,076,304 19 6	..	..	1,415,109 1 5	14,076,304 19 6
1925	1,471,566 4 7	15,547,871 4 1	..	..	1,471,566 4 7	15,547,871 4 1
1926	1,521,533 5 9	17,069,404 9 10	..	..	1,521,533 5 9	17,069,404 9 10
1927	1,541,900 16 9	18,611,305 6 7	..	..	1,541,900 16 9	18,611,305 6 7
1928	1,792,407 15 9	20,403,713 2 4	..	..	1,792,407 15 9	20,403,713 2 4
1929	1,516,022 14 3	21,919,735 16 7	..	..	1,516,022 14 3	21,919,735 16 7
1930	1,208,567 12 6	23,128,303 9 1	..	..	1,208,567 12 6	23,128,303 9 1
1931	696,146 5 2	23,824,449 14 3	..	142,703 0 0*d*	838,849 5 2	23,967,152 14 3
1932	351,118 15 7	24,175,568 9 10	2,745 0 0	145,448 0 0	353,863 15 7	24,321,016 9 10
1933	488,072 7 9	24,663,640 17 7	138,281 0 0	283,729 0 0	626,353 7 9	24,947,369 17 7
1934	315,870 14 7	24,979,511 12 2	209,284 0 0	493,013 0 0	525,154 14 7	25,472,524 12 2
1935	260,736 3 5	25,240,247 15 7	325,340 0 0	818,353 0 0	586,076 3 5	26,058,600 15 7
1936	285,473 8 2	25,525,721 3 9	371,866 0 0	1,190,219 0 0	657,339 8 2	26,715,940 3 9
1937	360,791 14 10	25,886,512 18 7	350,993 0 0	1,541,212 0 0	711,784 14 10	27,427,724 18 7
1938	353,606 5 5	26,240,119 4 0	358,550 0 0	1,899,762 0 0	712,156 5 5	28,139,881 4 0
1939	582,327 3 5	26,822,446 7 5	411,803 0 0	2,311,565 0 0	994,130 3 5	29,134,011 7 5
1940	426,824 16 9	27,249,271 4 2	289,764 0 0	2,601,329 0 0	716,588 16 9	29,850,600 4 2
1941	471,369 6 11	27,720,640 11 1	218,141 0 0	2,819,470 0 0	689,510 6 11	30,540,110 11 1
1942	274,845 7 0	27,995,485 18 1	40,805 0 0	2,860,275 0 0	315,650 7 0	30,855,760 18 1
1943	75,479 2 0	28,070,965 0 1	472 0 0	2,860,747 0 0	75,951 2 0	30,931,712 0 1
1944	143,177 10 6	28,214,142 10 7	..	2,860,747 0 0	143,177 10 6	31,074,889 10 7
1945	315,729 1 0	28,529,871 11 7	..	2,860,747 0 0	315,729 1 0	31,390,618 11 7
1946	432,905 12 8	28,962,777 4 3	..	2,860,747 0 0	432,905 12 8	31,823,524 4 3
1947	1,466,121 15 3	30,428,898 19 6	..	2,860,747 0 0	1,466,121 15 3	33,289,645 19 6
1948	1,893,165 1 2	32,322,064 0 8	..	2,860,747 0 0	1,893,165 1 2	35,182,811 0 8
1949	2,251,873 9 11	34,573,937 10 7	..	2,860,747 0 0	2,251,873 9 11	37,434,684 10 7
1950	4,149,500 16 4	38,723,438 6 11	..	2,860,747 0 0	4,149,500 16 4	41,584,185 6 11
1951	7,124,902 5 7	45,848,340 12 6	..	2,860,747 0 0	7,124,902 5 7	48,709,087 12 6
1952	10,619,672 2 5	56,468,012 14 11	..	2,860,747 0 0	10,619,672 2 5	59,328,759 14 11

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

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

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

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

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

CAPITAL EXPENDITURE—*continued.*

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

RECONCILIATION STATEMENTS.

(A) LOAN.

(i) "*Finance* 1951–52," pages 72 and 73 "Country Water Supply Capital Account," at 30th June, 1952 :—

	£	*s.*	*d.*
Expenditure from Loans	56,464,012	14	11
Treasurer's Advance	4,000	0	0
Total Loan Expenditure	56,468,012	14	11

(ii) *Annual Report*—

	£	*s.*	*d.*	£	*s.*	*d.*
Total Loan Capital Expenditure, as per "Summary Statement of Loan Capital Accounts, as at 30th June, 1952" (page 107)				58,471,516	2	5
Deduct,						
Discount and Expenses, *less* premiums, Country Water Supply (Finance 1951–52, page 73)	1,539,121	10	4			
Geelong Works, Gross Expenditure, Finance, 1951–52 (page 74)	464,381	17	2			
				2,003,503	7	6
Total Loan Expenditure at 30th June, 1952, as above				56,468,012	14	11

(B) UNEMPLOYMENT RELIEF FUNDS.

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

ESTIMATES 1952-53.

PROPOSED DISBURSEMENTS.

—	Estimated Requirements.	Amount Provided in Budget.
	£	£
Coliban Works	42,571	40,571
Irrigation, Water Supply and Drainage Districts	570,815	558,815
Waterworks Districts	290,572	250,572
Flood Protection and Carrum Drainage Districts	121,761	101,761
Salaries of Permanent and Temporary Employees*	1,211,139	1,211,139
General Expenditure*	290,000	285,000
Removal of Sand Drift	120,000	94,000
River Murray Works—Contribution by State	39,875	39,875
Pay-roll Tax	60,000	60,000
Subsidy to First Mildura Irrigation Trust towards meeting operating Losses pending conversion of pumps to electric power	20,000	20,000
Subsidies to Waterworks Trusts and Local Governing Bodies to enable a Reduction of 33⅓ per cent. to be made in Water Rates	635	635
Totals—Water Supply	2,767,368	2,662,368
Assistance to certain Sewerage Authorities where suspension of works is being continued	10,000	10,000
Subsidies to Sewerage Authorities in cases where the interest paid on capital liability is in excess of the rate of 3 per cent.	20,000	20,000
Grant to Kerang Sewerage Authority in connexion with Reconditioning Works	2,255	2,255
	2,799,623	2,694,623

* To be apportioned over the above Districts.

ESTIMATED RECEIPTS.

—	Amount Provided in Budget.
	£
Coliban Works	84,000
Irrigation, Water Supply and Drainage Districts	641,000
Waterworks Districts	400,000
Flood Protection and Carrum Drainage Districts	22,000
Other	80,000
Recoup on account of amounts paid from Revenue in connexion with River Murray Commission, Loan Works, &c.	400,000
	1,627,000
Add estimated Receipts to meet Interest—	
Waterworks Trusts and other Corporations	116,300
Plant and Machinery, and Land	49,500
Totals—Water Supply	1,792,800

Estimated amount available from Revenues of Commission—

"Paying" Districts to meet Interest .. £25,000.

CONTRACTS.

STATEMENT OF CONTRACTS ENTERED INTO DURING THE YEAR ENDED 30TH JUNE, 1952.

No.	Name of Contractor.	Work and Supply.	Amount.
			£
3310	L. G. Cupples and R. W. Pumpa ..	Operation of Commission's Sawmill at Eildon ..	98,175
3311	W. Parkin	Frames, shear box assemblies, mild-steel boxes, &c.—Eildon	7,866
3312	Humes Ltd.	Supply of pipes—Waranga Western Main Channel ..	42,750
3313	Rocla Pipes Ltd.	Supply of reinforced-concrete pipes—Waranga Western Main Channel	3,705
3314	Jaques Bros. Ltd.	Supply of excavators	42,732
3315	Gibson Battle (Melb.) Pty. Ltd.	Supply of six sluice valves—Cairn Curran, Malmsbury, and Storeyard	7,550
3316	P. Rogan	Construction of high tension line at Red Cliffs ..	1,343
3317	Stahlbau Rheinhausen	Supply of gates, &c.—General Works	112,359
		Total	316,480

CONTRACTS AT PIECEWORK RATES.

	£	£
1. Channel Construction—		
(i) Murray Valley	12,370	
(ii) Heyfield	7,829	
		20,199
2. Firewood Supplies		12,356
3. Miscellaneous—		
(i) Carting cement	2,407	
(ii) Supply sand, stone, &c.	7,818	
(iii) Other	370	
		10,595
		43,150
4. Eildon		12,409
		55,559

APPENDIX A.

STATE RIVERS AND WATER SUPPLY COMMISSION.

IRRIGATION SYSTEMS.

RETURN OF WATER DELIVERED—YEAR 1951–52.

District.	Water Assignment Measured at District Boundary.	Gross Supply at District Offtakes (excluding volumes passed to other Districts).	Total Water Rights Allotted to District.	Users in District.			Total Delivered in District.	Users Outside District from District Channels.	Total Delivered.	Users Outside District from Main Channels.
				Under Water Rights.	Sales of Water.	Domestic and Stock Purposes.				
GOULBURN SYSTEM—	acre feet.	acre feet.	acre feet.	acre feet.	acre feet.	acre feet.	acre feet.	acre feet.	acre feet.	acre feet.
(*Main Eastern Channel.*)										
South Shepparton	12,000	6,712	4,404	3,735	1,285	218	5,238	19	5,257	..
Shepparton	51,000	41,810	21,228	19,416	3,571	600	23,587	115	23,702	..
North Shepparton	44,000	27,621	13,200	10,792	2,056	328	13,176	..	13,176	60
Katandra	13,000	11,878	7,335	6,993	1,809	178	8,980	7	8,987	..
Totals	120,000	78,021	46,167	40,936	8,721	1,324	50,981	141	51,122	60
(*Waranga Reservoir.*)										
Rodney	232,000	214,502	60,920	57,335	28,016	1,366	86,717	(*a*) 636	87,353	..
Tongala–Stanhope	116,000	121,177	48,048	47,301	14,047	2,179	63,527	..	63,527	..
Deakin	23,000	12,076	5,698	4,433	1,751	595	6,779	..	6,779	..
Rochester	147,000	123,535	57,466	56,207	22,687	3,172	82,066	536	82,602	..
Dingee	9,600	7,103	4,447	4,385	1,803	272	6,460	21	6,481	..
Calivil (including Loddon water)	21,000	15,862	6,505	6,005	4,618	393	11,016	..	11,016	326
Tragowel Plains (including Loddon water)	97,000	85,207	31,214	28,242	6,909	1,072	36,223	..	36,223	62
Boort (including Loddon water	35,000	29,997	11,340	10,609	2,079	453	13,141	1,705	14,846	..
Totals	680,000	609,459	225,638	214,517	81,910	9,502	305,929	2,898	308,827	388
Goulburn Grand Totals	800,000	687,480	271,805	255,453	(*c*) 90,631	10,826	356,910	3,039	359,949	448
MURRAY SYSTEM—										
(*Yarrawonga Weir.*)										
Murray Valley	196,000	152,468	78,023	45,599	(*f*) 35,655	438	81,692	113	81,805	..
(*Torrumbarry Weir.*)										
Cohuna	122,000	119,983	49,312	45,712	10,254	2,331	58,297	231	58,528	..
Koondrook	70,000	59,461	24,622	21,621	2,819	132	24,572	33	24,605	..
Kerang	71,000	49,686	21,407	20,287	7,013	764	28,064	175	28,239	..
Third Lake	6,000	6,841	2,513	1,723	37	2	1,762	73	1,835	..
Mystic Park	7,000	3,164	2,677	1,662	106	..	1,768	196	1,964	..
Tresco	6,000	7,497	..	..	3,617	..	3,617	..	3,617	..
Fish Point	5,000	2,445	1,845	1,561	275	..	1,836	..	1,836	..
Swan Hill	63,000	51,959	25,875	24,796	9,233	15	34,044	27	34,071	..
Pental Island Private Diversions	..	..	..	..	..	..	..	..	..	4,056
Kerang Private Diversions	..	..	..	..	..	..	..	..	..	955
Kerang North-West Lakes Private Diversions	..	..	..	..	..	..	..	..	..	3,974
Upper Gunbower Creek Private Diversions	..	..	..	..	..	..	..	..	..	4,345
Lower Gunbower Creek Private Diversions	..	..	..	..	..	..	..	..	..	7,639
Taylor's Creek Private Diversions	..	..	..	..	..	..	..	..	..	1,436
Kow Swamp Private Diversions	..	..	..	..	..	..	..	..	..	1,797
Pyramid Creek Private Diversions	..	..	..	..	..	..	..	..	..	2,829
Torrumbarry Weir Totals	350,000	301,036	128,251	117,362	(*g*) 33,354	3,244	153,960	735	154,695	27,031
(*Pumped from River Murray.*)										
Nyah	12,000	10,544	7,158	7,881	398	251	8,530	(*b*) 198	8,728	..
Robinvale	11,000	8,771	..	..	(*d*) 7,590	..	7,590	..	7,590	..
Red Cliffs	50,000	42,279	34,070	28,205	584	..	28,789	167	28,956	..
Merbein	33,000	32,496	23,605	19,202	948	..	20,150	409	20,559	..
Totals	106,000	94,090	64,833	55,288	9,520	251	65,059	774	65,833	..
Murray Grand Totals	652,000	547,594	271,107	218,249	78,529	3,933	300,711	1,622	302,333	27,031
CAMPASPE SYSTEM										
Coliban	..	..	..	..	(*e*) 10,778	5,200	15,978	..	15,978	..
Campaspe	(*b*)	395	..	..	101	61 (dams)	162	..	162	..
Totals	..	395	..	..	10,879	5,261	16,140	..	16,140	..
WERRIBEE SYSTEM—										
Bacchus Marsh	(*b*)	8,000	3,311	3,159	1,622	198	4,979	(*b*) 780	5,759	..
Werribee	12,000	21,364	8,147	7,575	2,101	212	9,888	(*a*) 594	10,482	..
Totals	12,000	29,364	11,458	10,734	3,723	410	14,867	1,374	16,241	..
MACALISTER SYSTEM—										
Maffra–Sale	(*b*)	50,931	23,322	20,704	4,385	1,106	26,195	365	26,560	..
WIMMERA SYSTEM—										
Quantong, Riverside, Burnlea, Haven, &c.	..	8,299	..	..	3,683	..	3,683	..	3,683	..
PRIVATE DIVERSIONS (not included above)	..	..	..	..	..	..	..	..	..	66,329
Totals	1,464,000	1,324,063	577,692	505,140	191,830	21,536	718,506	6,400	724,906	..
FIRST MILDURA IRRIGATION TRUST	(*b*)	48,000	39,245	29,997	11,350	114	41,461	83	41,544	..
GRAND TOTALS	(*i*) 1,464,000	1,372,063	616,937	535,137	203,180	21,650	759,967	6,483	766,450	93,808
									860,258	

(*a*) Includes Waterworks Trust. (*b*) Includes Urban Districts. (*c*) Includes 573 acre feet for mining. (*d*) Estimated delivery 3 acre feet per acre –area planted 2,530 acres. (*e*) Includes 23,378 acre feet Supplementary Sales and 187 acre feet "Out of Season" sales due to surplus water in channels. (*f*) Includes 12,989 acre feet Supplementary Sales and 10 acre feet "Out of Season" sales. (*g*) Includes 7,839 acre feet Supplementary Sales and 125 acre feet "Out of Season" sales. (*h*) Not expressed in acre feet. (*i*) Not including Campaspe, Bacchus Marsh, Maffra, Sale, and Mildura.

Total Supplementary Supply to Wimmera Mallee for period 1st July, 1951, to 30th June, 1952:—

	Acre Feet.
From Waranga Western Channel	4,330
From Loddon River	10,890
Total	15,220

APPENDIX B.

STATE RIVERS AND WATER SUPPLY COMMISSION.

IRRIGATION SYSTEMS.

STATEMENT OF WATER DELIVERED—YEARS 1941-42 TO 1950-51.

District.	1941–42.	1942–43.	1943–44.	1944–45.	1945–46.	1946–47.	1947–48.	1948–49.	1949–50.	1950–51.
	acre feet.	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	4,282	4,350	5,183	5,575	3,288	4,899	3,193	4,177	2,496	3,930
Shepparton	19,052	19,974	22,660	21,050	15,106	20,429	17,604	19,234	15,868	20,252
North Shepparton	10,512	11,038	14,103	16,486	9,379	14,716	11,425	15,518	8,205	13,944
Katandra	6,922	6,751	8,280	9,007	7,358	8,608	7,907	8,690	7,064	9,251
Totals	40,768	42,113	50,226	52,118	35,131	48,652	40,129	47,619	33,633	47,427
(*Waranga Reservoir.*)										
Rodney	79,425	79,964	87,694	77,554	67,286	95,300	70,387	91,607	58,742	83,052
Tongala Stanhope	55,028	53,145	62,290	54,554	48,705	62,102	48,918	59,842	43,684	58,768
Deakin	6,509	6,369	8,912	7,547	5,371	7,522	5,388	7,288	4,160	6,157
Rochester	81,777	76,047	86,565	71,688	66,083	88,106	65,189	77,662	55,696	70,329
Dingee	5,386	4,806	5,553	5,287	5,441	6,091	5,385	5,955	4,932	5,961
Calivil (including Loddon Water) ..	9,241	7,905	9,391	8,372	9,084	10,974	8,879	12,302	7,773	8,527
Tragowel Plains (including Loddon Water)	40,288	35,034	42,531	38,490	36,342	43,595	39,828	45,529	29,305	32,332
Boort (including Loddon Water) ..	17,008	13,751	19,470	14,644	14,851	19,691	15,954	20,929	13,054	14,329
Loddon United (including Loddon Water)*	2,209	1,049	1,741	1,216	1,397	..	..	..	..	..
Totals	296,871	278,070	324,147	279,332	254,560	333,381	259,928	321,114	217,346	279,455
Goulburn Grand Totals ..	837,639	320,183	374,373	331,470	289,691	382,033	300,057	368,733	250,979	326,882
TORRUMBARRY SYSTEM—										
(*Yarrawonga Weir.*)										
Murray Valley	9,745	9,035	17,646	31,642	14,615	29,004	18,052	35,769	35,108	62,858
(*Torrumbarry Weir.*)										
Cohuna	57,454	57,197	63,913	71,505	55,686	66,207	56,153	58,151	47,785	55,381
Koondrook	26,554	26,344	29,931	38,973	24,635	31,977	24,225	29,010	19,585	23,610
Kerang	29,400	28,514	37,118	46,226	26,617	33,632	27,587	31,444	20,552	25,232
Third Lake	2,661	2,517	2,603	3,213	2,277	2,494	2,032	2,434	1,490	1,881
Mystic Park	2,783	2,851	3,508	4,506	2,047	2,877	2,234	2,754	1,707	2,048
Tresco	2,324	2,236	2,607	3,046	1,918	2,306	2,562	2,233	1,909	3,057
Fish Point	2,174	1,934	2,159	1,884	1,477	1,873	1,751	1,331	1,346	1,722
Swan Hill	31,560	30,131	34,247	39,167	24,496	32,004	31,602	34,677	26,484	35,855
Pental Island Private Diversions ..	5,681	4,345	7,659	10,477	5,001	5,625	3,874	6,135	3,706	4,827
Kerang Private Diversions ..	1,300	1,097	846	1,850	754	997	597	1,090	549	613
Kerang North-West Lakes Private Diversions	3,179	3,964	4,727	8,682	3,391	5,496	4,959	6,668	4,336	4,332
Upper Gunbower Creek Private Diversions	3,955	2,945	4,620	7,005	3,423	5,658	4,528	6,231	3,808	3,910
Lower Gunbower Creek Private Diversions	5,487	4,868	5,591	6,967	5,756	7,750	6,949	8,375	7,055	7,452
Taylor's Creek Private Diversions	987	957	1,384	2,290	1,125	1,723	879	1,983	798	1,240
Kow Swamp Private Diversions ..	2,527	1,778	3,800	6,097	1,986	2,672	1,005	1,970	1,139	1,883
Pyramid Creek Private Diversions	2,731	1,926	2,525	4,617	3,196	4,160	3,384	3,126	2,665	2,261
Torrumbarry Weir Totals	180,757	173,604	207,238	256,505	163,785	207,451	174,321	197,612	144,914	175,254
(*Pumped from River Murray.*)										
Nyah	7,405	6,534	8,033	8,731	6,954	7,818	8,188	8,914	7,584	9,829
Robinvale	...	...	...	...	...	...	715	2,388	4,374	5,328
Red Cliffs	21,606	25,171	25,361	26,744	23,702	22,931	25,669	30,401	25,165	32,302
Merbein	15,794	19,066	18,629	19,680	17,438	16,105	19,209	23,288	18,859	25,464
Totals	44,805	50,771	52,023	55,155	48,094	46,854	53,781	64,991	55,982	72,923
Murray Grand Totals ..	235,307	233,410	276,907	343,302	226,494	283,309	246,154	298,372	236,004	311,035
CAMPASPE SYSTEM—										
Coliban	8,815	10,723	14,020	8,572	8,217	12,476	11,891	12,260	11,040	13,181
Campaspe	1,085	251	914	52	647	617	498	731	692	145
Totals	9,900	10,974	14,934	8,624	8,864	13,093	12,389	12,991	11,732	13,326
WERRIBEE SYSTEM—										
Bacchus Marsh	5,107	6,490	5,573	2,191	1,849	5,936	5,771	5,779	4,005	5,570
Werribee	10,975	13,433	10,106	3,028	4,378	10,982	10,380	10,034	6,874	9,487
Totals	16,082	19,923	15,679	5,219	6,227	16,918	16,151	15,813	10,879	15,057
MACALISTER SYSTEM—										
Maffra-Sale	27,516	25,673	29,688	36,514	20,058	27,908	34,088	24,518	17,281	18,587
WIMMERA SYSTEM—										
Quantong, Riverside, Burnlea, Haven, &c.	4,085	3,153	5,161	†	†	4,070	3,644	3,214	3,241	4,149
PRIVATE DIVERSIONS (not included above)	15,341	18,704	18,256	19,965	26,401	31,428	38,605	51,354	53,281	55,624
Totals	645,870	632,020	734,998	745,094	577,735	758,759	651,088	774,995	583,397	744,660
FIRST MILDURA IRRIGATION TRUST ..	40,275	36,560	40,303	41,395	37,012	33,324	38,595	37,504	31,610	42,225
GRAND TOTALS ..	**686,145**	**668,580**	**775,301**	**786,489**	**614,747**	**792,083**	**689,683**	**812,498**	**615,007**	**786,885**

* Loddon United Waterworks District was abolished in 1946, when Loddon, East Loddon, and West Loddon Waterworks Districts were created. Any water used for irrigation in these districts has been included with water deliveries of nearest irrigation district.

† Not available.

APPENDIX C.

DOMESTIC AND STOCK SYSTEMS.

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

Districts.	Quantity.	Total.
	Acre feet.	Acre feet.
Wimmera-Mallee System—		
Wimmera River and Storages	58,187	
Loddon and Goulburn Water	..	
River Murray (Nyah Pump)	..	
		58,187*

* Detailed statement of Wimmera-Mallee System hereunder.

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

Year.	Lake Lonsdale and Fyans Lake. Acre Feet, Gauged at Lake Lonsdale.	Wimmera River. Acre Feet, Gauged at Glenorchy.	Taylors, Pine and Wartook Lakes. Acre Feet, Gauged at Outlets.	River Murray, Nyah Pump. Acre Feet, Gauged at Nyah.	Waranga Western Channel. Acre Feet, Gauged at Avoca River.	Total Acre Feet.	Yearly Rainfall.	
							Wartook. Inches.	Hopetoun. Inches.
1946 ..	17,880	7,312	18,600	26	26,583	70,401	47·05	13 18
1947 ..	21,313	5,216	21,588	160	18,517	66,794	44·41	16 34
1948 ..	31,627	3,130	25,292	113	22,809	82,791	36·30	11·93
1949 ..	26,460	3,664	32,570	150	*18,300	81,144	33·77	11·47
1950 ..	21,942	5,670	20,657	..	16,643	64,912	32·02	14·32
1951 ..	14,664	8,218	35,305	..	17,161	75,348	42·49	12·19

* NOTE.—In the Forty-fifth Annual Report Waranga water was incorrectly shown as 11,643 acre feet. Correct quantity was 18,300 acre feet.

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

Year.	Area Watered.	Gross Supply Released from Headworks.
	Acres.	Acre feet.
1946–47	2,921	8,763
1947–48	2,720	8,160
1948–49	2,730	8,190
1949–50	2,814	6,628
1950–51	2,765	10,688
1951–52	2,834	8,299

APPENDIX D.

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

WIMMERA-MALLEE.

Year.	Commenced.	Completed.	Days.
1945	19.6.45	20.2.46	247
1946	5.6.46	17.1.47	227
1947	15.4.47	10.10.47	179
1948	26.4.48	6.1.49	256
1949	26.4.49	12.11.49	201
1950	17.4.50	9.10.50	176
1951	11.4.51	5.11.51	209

COREENA.

Year.	Commenced.	Completed.	Days.
1945	10.12.45	1.3.46	82
1946	4.9.46	17.10.46	44
1947	13.10.47	12.12.47	31
1948	1.6.48	4.7 48	34
1949	2.7.49	10.8.49	40
1950	4.7.50	11.8.50	39
1951	9.7.51	23.8.51	46

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

MILLEWA.

Year.	Commenced.	Completed.	Days.
1945	14.6.45	8.12.45	178
1946	1.7.46	16.12.46	169
1947	1.6.47	21.10.47	143
1948	5.5 48	29 9.48	148
1949	4.5.49	30.8.49	119
1950	19.5.50	9.9.50	114
1951	7.5.51	8.8.51	94

MILLEWA CENTRAL.

Year.	Commenced.	Completed.	Days.
1945	16.6.45	3.11.45	141
1946	5.7.46 19.7.46	13.7.46 19.11.46	143
1947	9.6.47	30.9.47	115
1948	7 5.48	24.9.48	141
1949	17.5.49	30.8.49	106
1950	23.5.50	23.8.50	93
1951	District now amalgamated with Millewa		

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

YELTA.

Year.	Commenced.	Completed.	Days.
1945	14 1.46	12 2.46	32
1946	8 9.46 28.10.46	19.9.46 21 11.46	37
1947	22 10.47	18.11.47	28
1948	28.10.48	1.12.48	35
1949	28.8.49	25.9.49	29
1950	28.8.50	27.9.50	31
1951	10.9.51	3.10.51	24

CARWARP.

Year.	Commenced.	Completed.	Days.
1945	24.10.45 6.11.45 23.1.46	26.10.45 19.1.46 26.1.46	82
1946	21.8 46	23.9.46	34
1947	16.7.47	23.8.47	39
1948	21.7.48	20.8.48	31
1949	18.7.49	13.8.49	27
1950	17.7.50	12.8.50	27
1951	16.7.51	12.8.51	28

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

APPENDIX E.

COLIBAN SYSTEM—WATER DELIVERIES.

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

Year.	Inflow to Storages.			Output from Storages.	Delivered to Users.	Percentage Efficiency.	Remarks.
	From Coliban River.	Through Ashbourne Diversion Channel from Campaspe River to Coliban River.	Total.				
	acre-feet.	acre-feet.	acre-feet.	acre-feet.	acre-feet.		Water run in—
1938–39 ..	21,618	1,342	22,960	3,786	3,117	82	Main Channels only
1939–40 ..	51,452	2,226	53,678	24,673	13,282	54	Whole system
1940–41 ..	6,482	211	6,693	16,000	10,000	63	Whole system (restrictions on minor races)
1941–42 ..	36,953	1,767	38,720	17,908	13,120	73	Whole system (restrictions on minor races)
1942–43 ..	63,749	1,557	65,306	22,363	13,135	58	Whole system
1943–44 ..	22,802	848	23,650	29,900	17,000	57	Whole system
1944–45 ..	8,016	96	8,112	16,698	9,933	59	Whole system*
1945–46 ..	33,019	1,781	34,800	17,897	10,546	59	Whole system
1946–47 ..	42,386	2,344	44,730	26,136	15,086	58	Whole system
1947–48 ..	72,638	1,953	74,591	22,124	15,027	68	Whole system
1948–49 ..	44,741	2,568	47,309	24,288	16,659	69	Whole system
1949–50 ..	62,908	3,680	66,588	19,987	14,303	71	Whole system
1950–51 ..	86,903	3,776	90,679	25,476	18,406	72	Whole system
1951–52 ..	98,541	3,314	101,855	31,471	22,484	71	Whole system

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

APPENDIX F.

LANDS UNDER IRRIGATED CULTURE.

The two Statements hereunder show the extent of Areas Irrigated—

(A) During the last year in detail, and

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

(A) Statement of the Extent of Irrigation and of Areas of Different Kinds of Crops Watered—Year 1951–52.

Name of District.	Total Area of Holdings in Irrigation Districts in Acres.	Area classified as Irrigable within Constituted Districts in Acres.	Water Rights Apportioned (including Extra Water Rights) (Acre-Feet).	Area Irrigated, including Lands adjoining a District, in Acres.										
				Total.	Cereals.	Lucerne Grown for Pasture and Hay.	Sorghum and Other Annual Fodder Crops.	Pastures.			Vineyards.	Orchards.	Market Gardens.	Fallow and Miscellaneous.
								Native.	Annual.	Perennial.				
GOULBURN SYSTEM.														
Katandra	13,979	11,197	7,335	**6,175**	106	212	..	20	2,115	3,722	..	..	..	..
North Shepparton	124,223	61,448	13,200	**17,049**	350	1,104	33	923	11,461	2,970	8	33	167	..
Shepparton	24,310	21,226	21,228	**17,963**	71	365	23	829	2,786	3,407	54	8,418	1,935	75
South Shepparton	33,713	17,920	4,404	**8,336**	535	715	23	749	5,046	1,084	..	52	132	..
Rodney	272,619	190,301	60,920	**95,016**	236	14,163	408	1,690	50,171	18,253	186	8,350	1,528	31
Tongala–Stanhope	76,135	47,622	48,048	**43,811**	19	1,672	93	630	13,824	25,974	7	1,456	95	41
Rochester	182,006	56,995	57,466	**67,147**	769	3,233	145	6,640	20,151	34,649	10	945	265	340
Dingee	8,826	4,447	4,447	**4,318**	16	16	..	72	1,103	3,107	..	..	..	4
Calivil	61,134	32,527	6,505	**11,920**	303	258	176	1,685	5,376	4,024	11	..	62	25
Tragowel Plains	218,516	148,870	31,214	**44,501**	3,807	382	1,631	15,978	15,203	6,065	123	..	..	1,312
Deakin	160,879	21,202	5,698	**7,392**	165	540	..	198	2,634	3,840	..	..	15	..
Boort*	80,235	56,730	11,340	**15,728**	1,674	402	1,043	4,775	6,305	560	..	..	..	969
Totals	1,256,575	670,485	271,805	**339,356**	8,051	23,062	3,575	34,189	136,175	107,655	399	19,254	4,199	2,797
RIVER MURRAY SYSTEM.														
(*a*) *Torrumbarry Weir.*														
Cohuna	85,779	44,687	49,312	**58,996**	1,296	1,001	48	17,238	13,939	24,702	..	75	..	697
Koondrook	88,180	24,572	24,622	**36,025**	1,241	970	763	6,608	21,733	2,790	3	1,002	53	862
Swan Hill	37,171	22,257	25,875	**24,440**	535	1,884	86	3,486	4,666	5,777	3,863	290	1,235	2,618
Third Lake	11,483	3,771	2,513	**2,926**	74	55	30	256	2,311	184	..	3	..	13
Mystic Park	19,214	7,805	2,677	**3,057**	389	30	125	950	889	305	12	17	111	229
Tresco	4,700	2,000	..	**1,670**	..	27	..	..	..	..	1,379	183	81	..
Fish Point	6,327	3,756	1,845	**2,699**	152	50	40	1,585	629	209	..	34	..	..
Kerang	88,570	55,436	21,407	**38,930**	2,309	928	1,502	13,881	14,891	4,253	..	2	7	1,157
Kerang North-West Lakes	36,381	..	..	**3,987**	462	54	282	1,606	1,121	64	26	243	2	127
Private Diversions	..	..	..	**19,675**	625	623	259	2,337	14,146	1,230	..	46	321	88
Totals	377,805	164,284	128,251	**192,405**	7,083	5,622	3,135	47,947	74,325	39,514	5,283	1,895	1,810	5,791
(*b*) *Yarrawonga Weir.*														
Murray Valley	267,310	165,483	78,023	**46,455**	126	11,197	165	2,863	18,969	9,681	38	2,792	604	20
(*c*) *Direct from River by Pumping.*														
Nyah	3,842	2,635	7,158	**3,042**	87	70	71	37	94	92	2,410	110	71	..
Red Cliffs	30,986	11,273	34,070	**11,561**	..	59	45	..	10	..	10,897	448	102	..
Merbein	10,526	7,666	23,605	**8,432**	15	110	162	98	90	..	7,192	665	100	..
Robinvale	5,400	4,112	..	**2,530**	..	..	..	..	..	..	2,270	240	..	20
Totals	50,754	25,686	64,833	**25,565**	102	239	278	135	194	92	22,769	1,463	273	20
(*d*) *First Mildura Trust District*	45,000	15,000	..	**13,392**	..	200	232	..	..	..	12,000	960	..	..
Total (River Murray System)	740,869	370,453	271,107	**277,817**	7,311	17,258	3,810	50,945	93,488	49,287	40,090	7,110	2,687	5,831
LODDON AND OTHER NORTHERN SYSTEMS.														
Boort	..	..	..	**828**	88	21	55	251	332	30	..	..	..	51
East Loddon	..	..	..	**379**	10	40	..	..	319	..	..	..	..	10
Loddon	..	..	..	**15**	..	..	..	..	15	..	..	..	..	..
West Loddon	..	..	..	**4,618**	278	282	2	186	437	..	..	2	..	3,431
Coliban	..	10,970	..	**7,539**	11	382	43	1,017	872	951	1	3,401	861	..
Campaspe	19,736	..	..	**303**	..	84	..	21	11	153	..	4	..	30
Western Wimmera	..	3,070	..	**2,733**	15	233	31	..	..	1,188	..	975	291	..
Wimmera United	..	162	..	**101**	..	58	..	..	..	43	..	..	..	..
Totals	19,736	14,202	..	**16,516**	402	1,100	131	1,475	1,986	2,365	1	4,382	1,152	3,522
SOUTHERN SYSTEMS.														
Bacchus Marsh	6,754	3,310	3,311	**3,390**	34	518	..	984	..	1,226	..	173	331	124
Werribee	9,702	8,146	8,147	**8,015**	..	692	155	..	..	3,543	..	374	2,497	754
Maffra–Sale	54,333	23,306	23,322	**24,637**	..	865	158	25	198	23,365	..	..	26	..
Mornington Peninsula	..	..	..	**1,544**	..	..	..	..	..	..	..	..	1,185	359
Bellarine Peninsula	..	..	..	**104**	..	30	..	..	..	..	..	..	74	..
Totals	70,789	34,762	34,780	**37,690**	34	2,105	313	1,009	198	28,134	..	547	4,113	1,237
PRIVATE DIVERSIONS.														
Other Private Diversions throughout the State	..	..	..	**52,418**	4,836	5,021	1,929	3,020	3,895	19,185	3,094	4,832	4,125	2,481
Grand Totals **1951–52**	**2,087,969**	**1,089,902**	**577,692**	**723,797**	**20,634**	**48,546**	**9,758**	**90,638**	**235,742**	**206,626**	**43,584**	**36,125**	**16,276**	**15,868**
Grand Totals 1950–51	2,086,565	1,070,424	566,615	**716,051**	25,264	54,472	5,097	101,838	226,533	193,817	42,582	35,205	15,911	15,332

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

(B) Comparative Statement of the Extent of Irrigation—1947–48 to 1951–52.

Source of Supply.	Area under Irrigation (Acres).				
	1947–48.	1948–49.	1949–50.	1950–51.	1951–52.
Goulburn System	337,700	364,113	316,440	343,903	339,356
River Murray System	247,568	260,579	249,832	276,454	277,817
Loddon and Other Northern Systems	14,776	18,160	16,784	15,769	16,516
Southern Systems	38,355	35,622	33,216	32,401	37,690
Private Diversions	33,807†	44,494	46,018	47,524	52,418
Totals	672,206†	722,968	662,290	716,051	723,797

† Adjusted Total.

APPENDIX G.

LANDS UNDER IRRIGATED CULTURE.

STATEMENT OF THE EXTENT OF IRRIGATION AND OF AREAS OF DIFFERENT KINDS OF CROPS WATERED—YEARS 1941–42 TO 1950–51.

Name of District.	1941–42.	1942–43.	1943–44.	1944–45.	1945–46.	1946–47.	1947–48.	1948–49.	1949–50.	1950–51.
	acres.	acres.	acres.	acres.	acres.	acres.	acres.	acres.	acres.	acres.
GOULBURN SYSTEM.										
Katandra	6,028	7,163	7,761	8,164	8,483	6,628	5,772	8,028	7,605	7,555
North Shepparton ..	10,785	13,744	13,734	21,057	18,073	19,678	17,937	23,804	16,907	21,920
Shepparton	14,638	16,359	17,114	18,182	17,248	19,654	18,746	19,112	20,121	17,282
South Shepparton ..	4,923	5,822	7,089	7,208	7,158	7,443	6,937	8,551	6,469	7,975
Rodney	76,881	96,462	101,961	86,811	85,121	87,915	91,796	99,758	79,732	96,994
Tongala–Stanhope ..	41,338	39,039	40,942	40,803	41,041	41,944	42,627	43,834	40,955	43,794
Rochester	64,988	63,398	73,001	59,810	61,263	66,133	62,045	63,977	62,300	62,254
Dingee	4,301	3,815	4,066	3,636	3,964	4,424	4,308	4,085	4,194	4,052
Calivil	13,083	12,422	13,113	10,306	11,753	13,642	11,391	14,345	11,960	11,154
Tragowel Plains	54,586	45,869	47,218	35,295	44,508	44,120	47,658	47,311	43,446	44,969
Deakin	6,611	6,788	8,373	7,437	7,109	9,091	7,960	8,738	6,492	6,996
Boort*	23,681	18,527	22,856	12,669	20,795	24,372	20,523	22,570	16,259	18,958
Totals	321,843	329,408	357,228	311,378	326,516	345,044	337,700	364,113	316,440	343,903
RIVER MURRAY SYSTEM.										
(*a*) *Torrumbarry Weir.*										
Cohuna	55,847	57,853	60,496	61,696	62,000	60,706	57,851	59,563	59,968	59,802
Koondrook	24,228	24,187	28,459	36,420	32,604	35,228	34,080	34,762	31,258	35,604
Swan Hill	20,360	20,356	20,213	22,262	21,522	21,672	22,225	21,492	22,623	23,753
Third Lake	3,149	2,906	4,345	4,886	4,201	4,501	4,238	3,992	2,542	3,445
Mystic Park	2,805	3,275	3,781	5,142	3,664	4,026	3,537	3,047	2,788	3,204
Tresco	1,025	1,049	1,058	1,075	1,121	1,053	1,061	1,115	1,078	1,414
Fish Point	3,404	3,027	1,689	2,499	2,092	2,483	2,472	2,659	4,248	2,256
Kerang (including Dry Lake)	37,862	34,316	44,395	47,485	37,168	40,931	38,991	36,674	28,571	39,306
Kerang North-West Lakes ..	4,377	3,994	4,273	5,827	3,960	5,197	4,177	6,384	3,475	4,632
Private Diversions ..	19,512	18,053	23,298	24,242	21,739	24,577	21,674	25,499	22,824	22,037
Totals	172,569	169,016	192,007	211,534	190,071	200,374	190,306	195,187	179,375	195,453
(*b*) *Yarrawonga Weir.*										
Murray Valley	10,974	8,419	15,001	29,749	21,338	32,330	21,752	29,976	33,285	42,312
(*c*) *Direct from River by Pumping.*										
Nyah	2,959	2,939	2,970	3,027	3,010	3,005	3,086	2,973	2,965	2,934
Red Cliffs	11,389	11,448	11,501	11,557	11,569	11,542	11,541	11,541	11,638	11,666
Merbein	7,902	7,950	7,995	7,995	7,961	7,965	7,965	7,965	8,153	8,403
Robinvale	..	..	..	..	..	..	..	..	1,458	2,290
Totals	22,250	22,337	22,466	22,579	22,540	22,512	22,592	22,479	24,214	25,293
(*d*) *First Mildura Trust District*	12,642	12,659	12,701	12,715	12,742	12,755	12,918	12,937	12,958	13,396
Totals (River Murray System) ..	218,435	212,431	242,175	276,577	246,691	267,971	247,568	260,579	249,832	276,454
LODDON AND OTHER NORTHERN SYSTEMS.										
Boort	2,061	2,643	1,987	1,000	650	754	635	1,188	856	998
East Loddon	..	..	..	..	734	1,492	466	681	615	237
Loddon	..	..	..	..	77	104	..	..	39	39
West Loddon	..	..	..	..	1,489	1,584	3,132	4,636	3,983	2,988
Coliban	5,302	6,770	7,427	5,390	6,166	7,148	7,051	7,624	7,474	7,730
Campaspe	1,048	245	1,154	26	1,116	1,112	772	1,300	1,019	1,011
Western Wimmera ..	2,923	2,851	3,017	2,898	2,423	2,665	2,590	2,604	2,671	2,639
Wimmera United	126	137	137	137	153	256	130	127	127	127
Totals	11,460	12,646	13,722	9,451	12,808	15,115	14,776	18,160	16,784	15,769
SOUTHERN SYSTEMS.										
Bacchus Marsh	3,291	3,507	3,327	2,718	2,271	3,923	3,400	3,006	3,013	2,903
Werribee	8,733	8,667	8,333	7,560	7,938	8,214	7,850	7,908	7,678	7,882
Maffra–Sale	22,971	22,114	22,953	25,360	21,878	24,741	27,105	24,708	20,782	19,992
Mornington Peninsula ..	..	..	..	..	..	..	..	..	1,663	1,544
Bellarine Peninsula ..	..	..	..	..	..	..	..	..	80	80
Totals	34,995	34,288	34,613	35,638	32,087	36,878	38,355	35,622	33,216	32,401
PRIVATE DIVERSIONS.										
Other Private Diversions throughout the State ..	15,341	17,984	17,506	32,166	38,743	43,582	33,807	44,494	46,018	47,524
Grand Total ..	602,074	606,757	665,244	665,210	656,845	708,590	672,206†	722,968	662,290	716,051

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

† Adjusted total.

APPENDIX H.

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 1,977,320 acre feet. The Hume Reservoir, designed to contain 2,000,000 acre feet (half of which can, subject to the provisions of the River Murray Agreement, be credited to the State of Victoria), has a capacity of 1,250,000 acre feet. When the final stage of this work has been completed and the Rocklands, Cairn Curran, and Glenmaggie Reservoirs are completed and the present Eildon Reservoir is enlarged, the combined capacities of Victoria's storages will be 5,236,320 acre feet.

EXISTING STORAGES.

Storage.	Capacity in Acre feet.		Full Supply Reduced Level.	Capacity.	
			Feet.	Acre feet.	Acre feet.
Goulburn System—					
Eildon			823·00	306,000	
Goulburn Weir (8,000 acre feet below gravitation level)			408·00	20,700	
Waranga (53,000 acre feet below gravitation level)			398·00	333,400	
					660,100
Murray—Loddon System—					
Hume Reservoir	1,250,000	River Murray Works. Half share to Victoria.	606·00 (*a*)	736,420	
Yarrawonga Weir	95,120		412·80 (*b*)		
Torrumbarry	28,900		285·00 (*c*)		
Euston	31,320		159·00 (*c*)		
Mildura	29,360		116·00 (*c*)		
Wentworth	38,140		104·15 (*c*)		
	1,472,840				
Kow Swamp			272·00	40,860	
Laanecoorie			527·00	6,300	
Kerang-North West Lakes—					
Third, Middle, Reedy			244·75		
Kangaroo, Racecourse, Charm (42,100 acre feet below gravitation level)			241·00	69,400	
Cullens			240·25		
Lake Boga (23,750 acre feet below gravitation level)			226·50	29,650	
Lake Cullulleraine			101·00	2,000	
					884,630
Wimmera-Mallee System—					
Fyans Lake (800 acre feet below gravitation level)			673·00	17,100	
Lake Lonsdale (1,600 acre feet below gravitation level)			618·25	53,300	
Wartook (700 acre feet below gravitation level)			1,451·00	23,800	
Taylors Lake (1,500 acre feet below gravitation level)			482·33	30,000	
Pine Lake (19,700 acre feet below gravitation level)			475·00	52,000	
Green Lake			452·50	6,600	
Dock Lake			442·00	4,800	
Moora (200 acre feet below gravitation level)			723·50	5,100	
Lower Wimmera Weirs			..	2,870	
Batyo Catyo (Avon Regulator)			402·00	5,000	
Lake Whitton			375·00	1,300	
Township Reservoirs and Mallee Tanks			..	4,990	
					206,860
Maffra-Sale System—					
Glenmaggie			244·00	106,000	
Service Basins (Stratford, Heyfield)			..	40	
					106,040
Coliban System—					
Upper Coliban			1,652·00	25,700	
Lauriston			1,574·20	16,000	
Malmsbury			1,477·00	14,400	
Spring Gully			899·00	2,000	
Subsidiary Reservoirs			..	4,630	
					62,730
Werribee System—					
Pykes Creek			1,306·00	19,400	
Melton			273·00	15,500	
					34,900
Bellarine Peninsula System—					
Wurdee Boluc			441·50	10,000	
Service Basins			..	850	
					10,850
Mornington Peninsula System—					
Lysterfield			221·50	3,400	
Beaconsfield			340·00	740	
Frankston			255·00	660	
Mornington			244·00	260	
Bittern			250·00	480	
Service Basins			..	260	
					5,800
Otway System—					
Service Basins			..	..	1,080
Miscellaneous—					
Eppalock			530·00	1,200	
Wonthaggi			238·00	1,550	
Wonthaggi Service Basins			..	10	
Newstead			806·00	30	
Hepburn's Lagoon			696·50	1,370	
Little River Weir			..	100	
Moorabool River Weirs			..	70	
					4,330
Total Capacity of Existing Storages			..	..	**1,977,320**
ADDITIONAL STORAGE BEING PROVIDED BY WORKS IN COURSE OF CONSTRUCTION.					
Goulburn System—					
Eildon Enlargement to 2,750,000 acre feet			950·00	..	2,444,000
Wimmera-Mallee System—					
Rocklands (3,250 acre feet below gravitation level)			644·00 (*d*)	..	272,000
Murray-Loddon System—					
Cairn Curran			684·50	..	120,000
FURTHER STORAGE WHICH WILL BE PROVIDED WHEN GATES ARE INSTALLED ON THE RESPECTIVE SPILLWAYS.					
Maffra-Sale System—Glenmaggie to 154,000 acre feet			256·00	48,000	
Murray System—Hume Reservoir to 2,000,000 acre feet (half share to Victoria)			626·00	375,000	
					423,000
TOTAL CAPACITY OF STORAGES WHEN WORKS ARE COMPLETED			..	..	**5,236,320**

(*a*) One foot below New South Wales Standard Datum.
(*b*) New South Wales Water Conservation Datum.
(*c*) River Murray Lock Site Datum. All other levels are to Victorian Railways Datum.
(*d*) Capacity of Rocklands Reservoir at 30th June, 1952, 97,060 acre feet. (R.L. 629·3 feet.)

APPENDIX J.

IRRIGATION AND WATER SUPPLY DISTRICTS.

SCHEDULE SHOWING DETAIL OF RATING VALUATIONS AS AT DATE OF BEING RECEIVED BY COMMISSION.

1. District.	2. Number of Assessments.	3. Total Area.	4. Area Irrigated in Year of Valuation.	5. Unimproved Capital Value.	6. Unimproved Capital Value per Acre.	7. Nett Annual Value.	8. Capitalized Value per Acre.	9. Year Received by Commission.
		Acres.	Acres.	£	£ s. d.	£	£ s. d.	
Bacchus Marsh	230	6,772	3,330	254,971	37 10 0	17,341	51 4 5	1948
Boort	288	80,206	56,725	500,502	6 4 9	29,497	7 6 10	1951
Calivil	190	61,140	32,527	290,057	4 14 10	17,253	5 13 0	1949
Campaspe	145	19,736	..	153,662	7 15 8	9,005	9 2 6	1948
Cohuna	721	85,964	44,687	1,028,584	11 19 4	78,710	18 6 3	1951
Deakin	490	160,729	21,202	418,636	2 12 0	51,840	6 9 0	1949
Dingee	90	8,856	4,447	53,516	6 0 10	3,869	8 14 9	1947
Fish Point	38	6,327	3,756	28,761	4 11 0	2,148	6 16 0	1949
Katandra	148	13,963	11,189	119,834	8 11 7	9,583	13 14 5	1951
Kerang	457	88,442	55,435	450,997	5 2 0	32,600	7 7 5	1951
Koondrook	488	88,223	24,572	689,509	7 16 3	53,730	12 3 7	1951
Maffra-Sale	519	53,053	23,147	1,011,901	19 0 2	86,610	32 13 0	1948
Murray Valley ..	1,024	163,582	125,135	1,315,849	8 0 11	109,589	13 8 0	1950
	502	104,439	..	..	..	..	..	..
Mystic Park	102	19,272	7,805	47,222	2 9 0	4,913	5 2 0	1951
North Shepparton	482	121,967	61,444	936,538	7 13 4	56,381	9 4 9	1946
Nyah	244	3,838	2,682	52,252	13 12 0	13,542	70 11 4	1951
Red Cliffs-Merbein	928	31,303	21,601	602,790	19 6 11	136,767	87 12 3	1949
Robinvale	100	2,675	2,675	56,150	20 19 9	10,733	80 4 11	1949
	8	6,039	..	4,342	0 14 4	244	0 16 2	1949
Rochester	981	181,611	56,995	1,544,189	8 10 0	123,916	13 12 9	1948
Rodney	1,924	272,499	190,318	2,208,099	8 2 1	170,602	12 10 3	1949
Shepparton	665	24,454	21,391	501,487	25 0 0	52,401	42 17 2	1946
South Shepparton	176	33,714	17,923	258,925	7 13 7	15,910	9 10 4	1945
Swan Hill	786	37,174	22,257	347,397	9 6 11	60,767	32 13 10	1951
Third Lake	65	11,483	3,771	27,982	2 8 9	2,478	4 6 4	1950
Tongala-Stanhope	1,096	76,148	47,622	410,051	5 7 8	68,650	18 0 9	1949
Tragowel Plains	650	218,485	148,759	890,697	4 1 7	58,668	5 7 5	1951
Werribee	266	10,137	8,152	290,911	28 15 4	33,888	66 17 2	1948
Tresco	218	3,472	2,000	20,602	5 18 8	4,741	27 6 2	1949

(1) The 502 assessments in the Murray Valley Irrigation and Water Supply District shown without details of valuation are those to which water had not been supplied at date of return of valuation.

(2) The 8 assessments in the Robinvale Irrigation and Water Supply District shown separately are grazing lands not developed for horticultural purposes and not supplied with water.

(3) The average valuations shown include land not irrigated. For proportion irrigated see figures in Column 4.

APPENDIX K.

WATERWORKS DISTRICTS.

SCHEDULE SHOWING DETAIL OF RATING VALUATIONS AS AT DATE OF BEING RECEIVED BY COMMISSION.

1. District.	2. Number of Assessments.	3. Total Area.	4. Unimproved Capital Value.	5. Unimproved Capital Value per Acre.	6. Nett Annual Value.	7. Capitalized Value per Acre.	8. Year Received by Commission.
		Acres.	£	£ s. d.	£	£ s. d.	
Axe Creek	68	4,554	18,466	4 0 0	1,985	8 14 4	1948
Birchip	475	247,748	701,168	2 16 8	44,544	3 12 0	1950
Carwarp	166	99,565	19,752	0 4 0	4,301	0 17 4	1949
Carwarp Central	22	12,603	2,550	0 4 0	666	1 1 0	1949
East Loddon	263	79,336	303,465	3 16 6	19,247	4 17 0	1949
Harcourt	193	8,597	63,503	7 7 7	9,217	21 8 9	1948
Hindmarsh	52	37,686	139,980	3 14 3	8,719	4 12 7	1949
Karkarooc	1,297	699,221	680,274	1 0 0	129,985	3 14 4	1948
Kerang North-west Lakes	201	36,381	89,532	2 9 3	8,895	4 17 9	1950
Loddon	304	106,756	505,649	4 14 9	29,690	5 11 3	1949
Long Lake	814	433,377	640,678	1 9 7	76,677	3 10 9	1951
Millewa	434	291,882	53,247	0 3 9	14,114	0 19 4	1949
Millewa Central	283	202,039	21,922	0 2 2	9,252	0 18 4	1948
Normanville	393	148,867	833,828	5 12 0	48,905	6 12 5	1951
Ouyen	937	524,475	337,546	0 12 11	45,421	1 14 9	1951
Sea Lake	705	375,681	362,784	0 9 4	69,020	3 13 6	1951
Tyntynder North	331	256,541	120,753	0 9 5	16,599	1 5 11	1952
Tyntynder	873	422,221	305,724	0 14 2	39,861	1 17 9	1951
Tyrrell	893	454,034	247,911	0 10 11	42,173	1 17 2	1951
Tyrrell West	551	321,086	162,637	0 10 2	25,027	1 11 2	1950
Upper Western Wimmera	496	245,622	448,496	1 16 6	64,468	5 5 0	1949
Upper Wimmera United	822	391,891	893,507	2 5 7	115,981	5 18 4	1948
Walpeup West (1)	1,111	606,862	979,935	1 2 3	57,694	1 18 0	1951
	7	208,648	3,510	0 0 4	175	0 0 4	
Werribee	64	12,631	68,178	5 8 0	5,703	9 0 0	1948
West Loddon	361	114,802	695,590	6 1 5	40,315	7 0 6	1951
West Wimmera	1,992	785,205	5,049,764	6 9 2	287	7 6 3	1949
Wimmera United	2,152	842,103	Incomplete	..	354,496	8 8 8	1949
Wycheproof	1,013	437,246	1,292,634	2 19 2	87,071	3 19 8	1950
Wychitella	502	168,340	838,673	4 19 7	48,040	5 14 1	1948
Yelta	60	30,776	20,101	0 13 1	2,654	1 14 6	1951

FLOOD PROTECTION DISTRICT.

Lower Koo-wee-rup	1,076	56,526	612,573	10 16 9	70,039	24 15 8	1950

(1) The seven assessments shown separately in the Walpeup West Waterworks District comprise large areas of land held under grazing licence only. The licence fee, under the provisions of the Local Government Act, becomes the Nett Annual Value.

APPENDIX L.

VICTORIAN WATER SUPPLY STATISTICS.

1951-52.

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	**20,019* square miles**	=	**12,812,270* acres**
Area of Irrigation Districts and other lands supplied for irrigation			**2,415,330* acres**
Area Irrigated (1951-52)			**723,797 acres**
Area within Flood Protection Districts			**148,910* acres**
Area within Drainage Districts			**18,450* acres**

* Gross area.

AVERAGE ANNUAL RAINFALL.

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

WATERWORKS—

Controlled by Commission—

Storages—

Number of large reservoirs	**35**
Number of subsidiary reservoirs and service basins	**240**

Total capacity of storages, 538,325 million gallons = 1,977,320* acre feet.

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

Channels—Length—

Irrigation	**4,745 miles**	
Domestic and Stock	**8,027 miles**	
Drainage and Flood Protection	**2,087 miles**	
Total		**14,859 miles**

Pipe Lines—Length—

Mains	**264 miles**	
Reticulation	**916 miles**	
Total		**1,180 miles**

Tanks—Excavated—

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

Bores—

Number in Waterworks Districts	**55 bores**

Water Deliveries—

Quantity water delivered from Commission's Works to water-users (excluding deliveries to Wimmera-Mallee and Other Domestic and Stock Systems)	**748,702 acre feet**

RURAL DISTRICTS—

Administered by Commission—

	Number of Districts.	Number of Assessments.	Population.
Irrigation Districts	**28**	**14,506**	**41,048**
Waterworks Districts (including rural lands, Coliban System)	**34**	**21,374**	**59,549**
Flood Protection Districts	**4**	**1,536* (45)**	**4,057* (67)**
Drainage District	**1**	**4,985**	**5,100**
Totals	**67 districts**	**42,401 assessments**	**109,754 persons**

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

URBAN DISTRICTS—

Reticulated pipe supplies for domestic and industrial purposes—

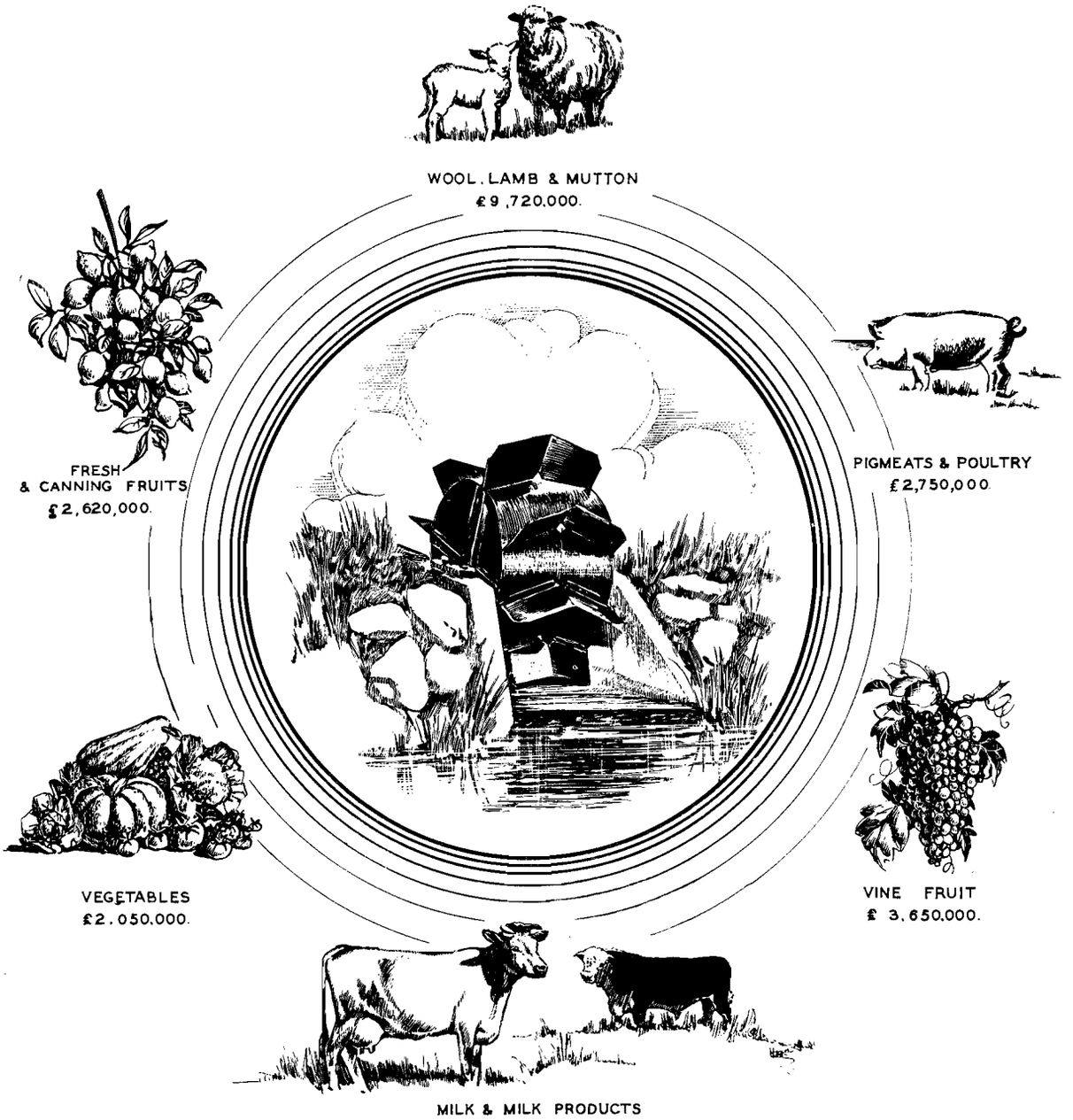
	Number of Towns.	Population.
Administered by Commission	**130**	**155,310 persons**
„ „ Waterworks Trusts	**122**	**268,895 „**
„ „ Local Governing Bodies	**16**	**87,415 „**
Totals	**268 towns**	**511,620 persons**

SEWERAGE AUTHORITIES—

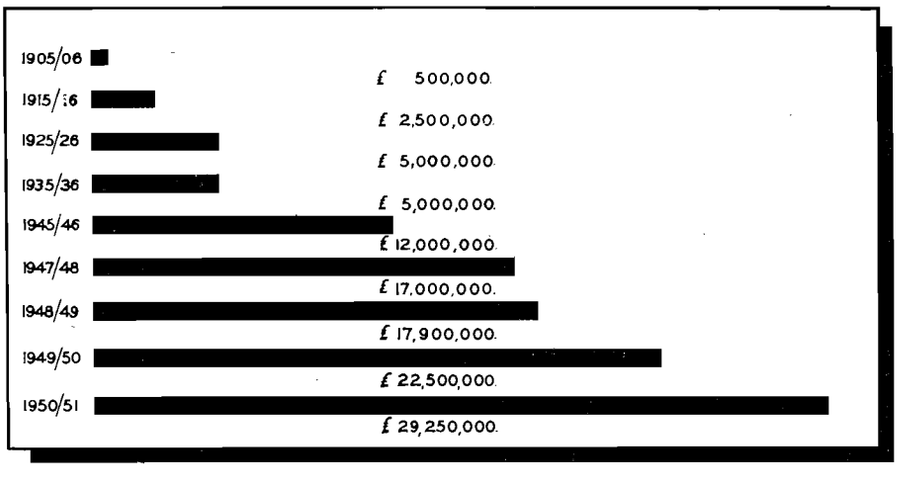
	Number of Towns.	Population.
Controlled by Local Authorities supervised by Commission	**25 (Systems operating)**	**175,250 persons**
	4 (Systems partly operating)	**8,850 „**
	30 (Systems not operating)	**70,440 „**
Totals	**59 towns**	**254,540 persons**

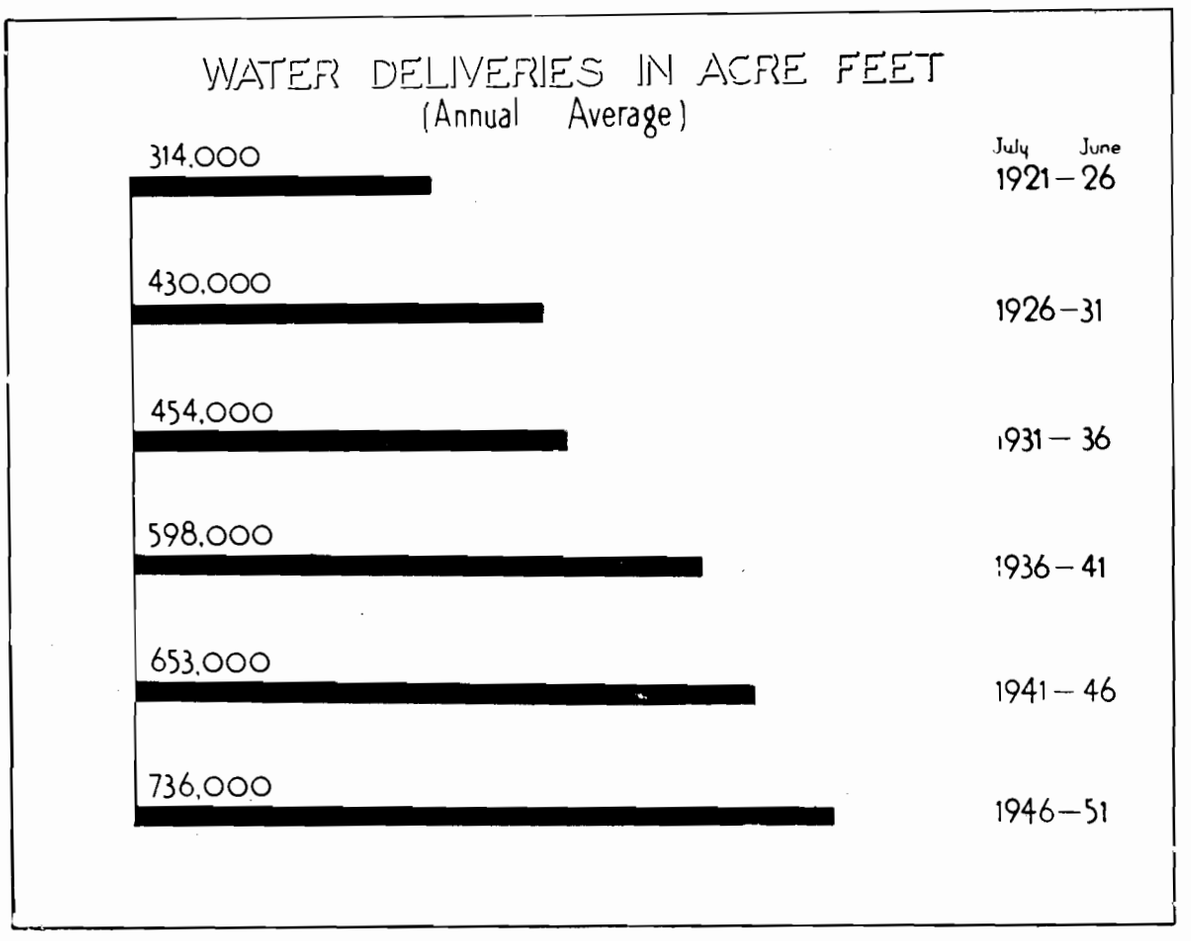
CAPITAL LIABILITY FOR WATER SUPPLY—

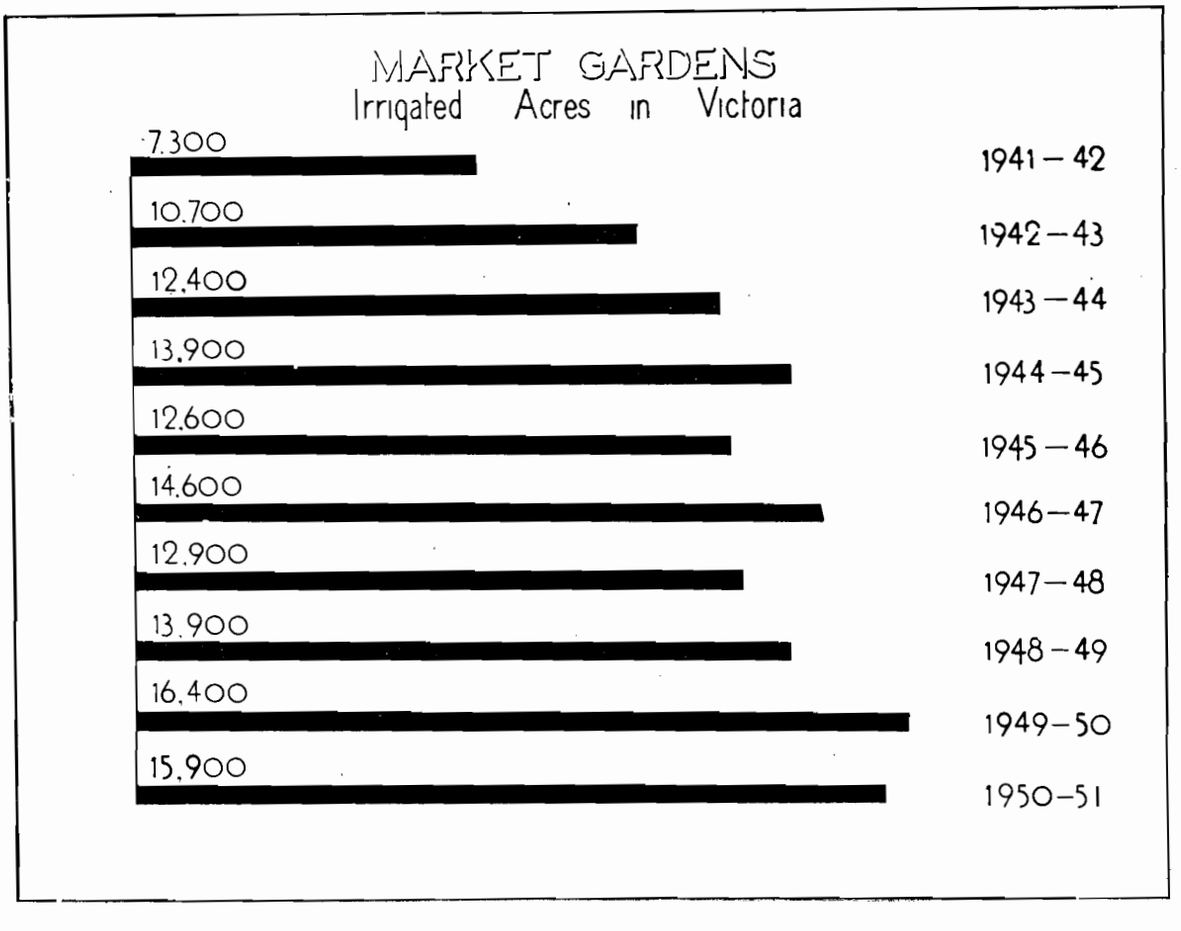
Total to 30th June, 1952—(*a*) Borne by the State	**£50,133,099**
(*b*) Borne by the Districts	**£6,516,318**
Total	**£56,649,417**



VALUE OF PRIMARY PRODUCTION IN IRRIGATION AREAS

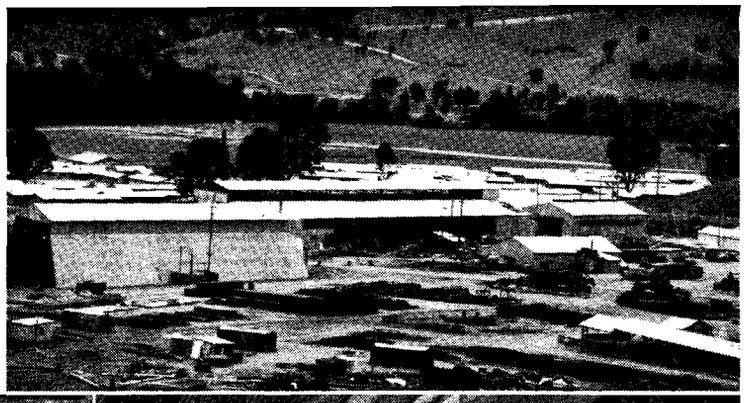


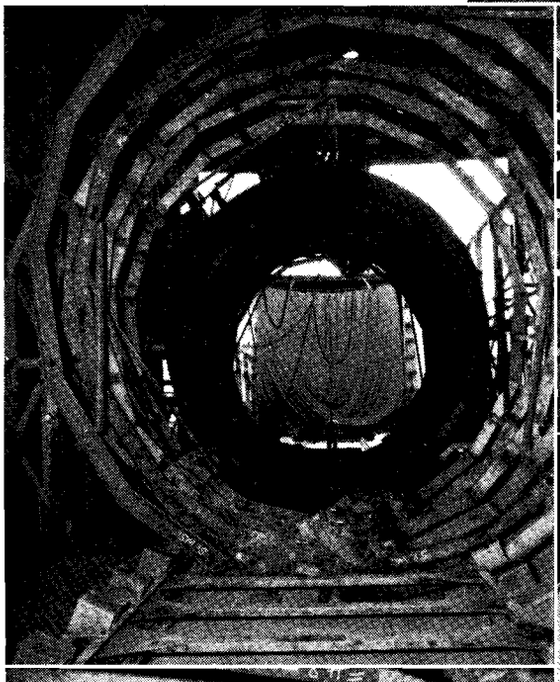

WATER DELIVERIES IN ACRE FEET
(Annual Average)
July June
314,000
1921 – 26
430,000
1926 – 31
454,000
1931 – 36
598,000
1936 – 41
653,000
1941 – 46
736,000
1946 – 51

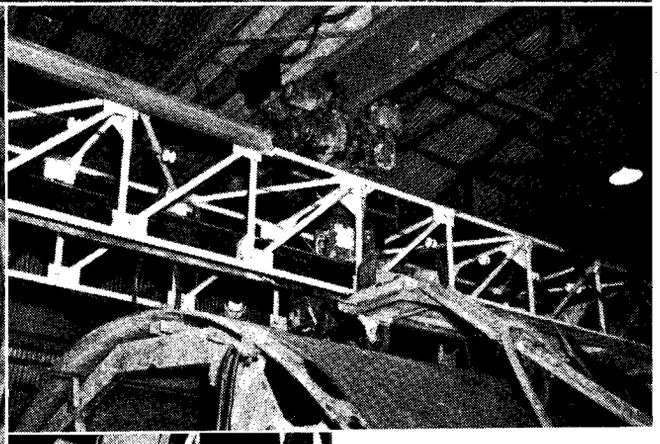

MARKET GARDENS
Irrigated Acres in Victoria
7,300
1941 – 42
10,700
1942 – 43
12,400
1943 – 44
13,900
1944 – 45
12,600
1945 – 46
14,600
1946 – 47
12,900
1947 – 48
13,900
1948 – 49
16,400
1949 – 50
15,900
1950 – 51

BIG EILDON PROJECT.

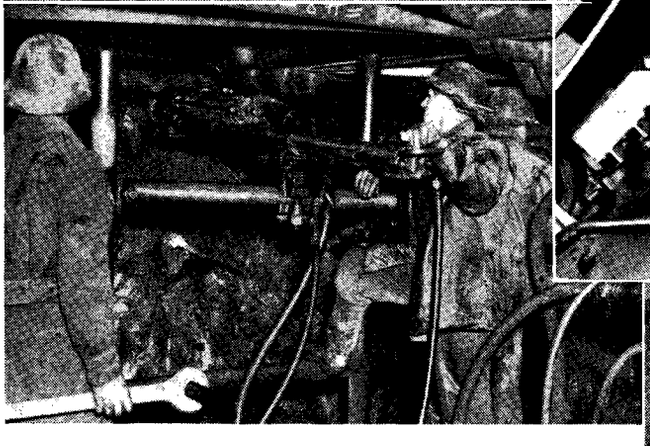
Right : Pipe fabrication workshop 212 feet long and 65 feet wide. *Below :* Internal collapsible jig on which steel plates are assembled to 23 feet diameter pipe sections. The pipe will form the internal lining of the power and irrigation outlet tunnel.



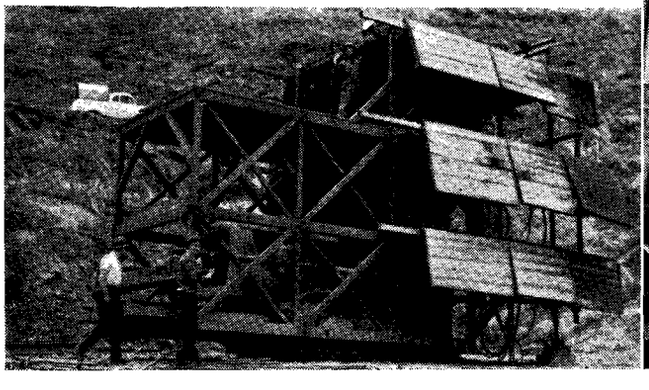


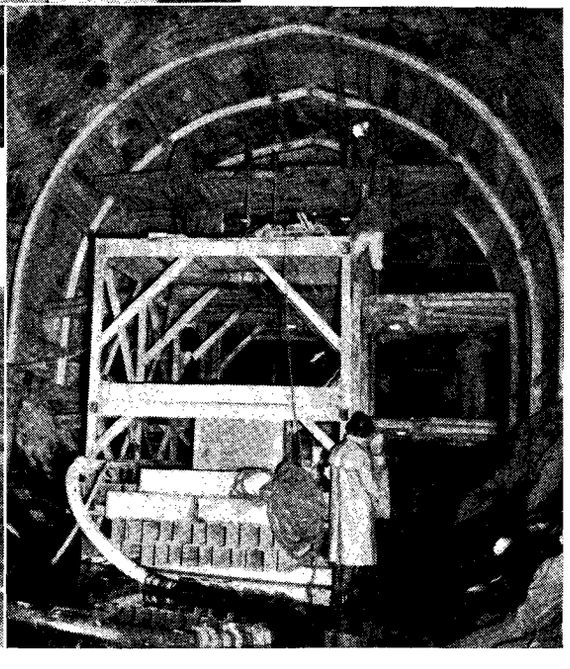


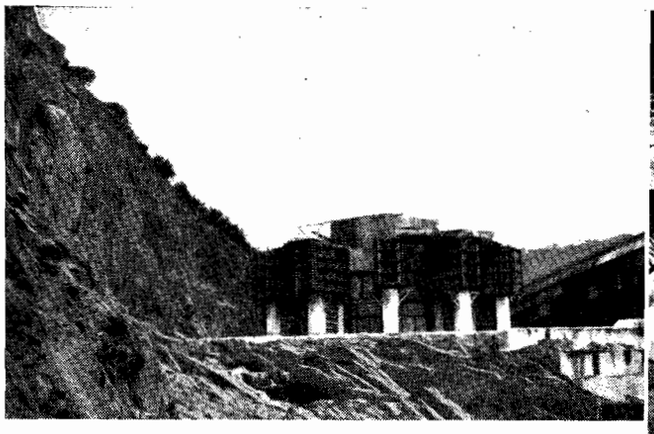
Above : Lincoln automatic welding machine on truss girder welding external joints. Machine moves along girder to weld longitudinal joints. *Left :* Pipe is rotated on rollers by motor assembly for circumferential welding.

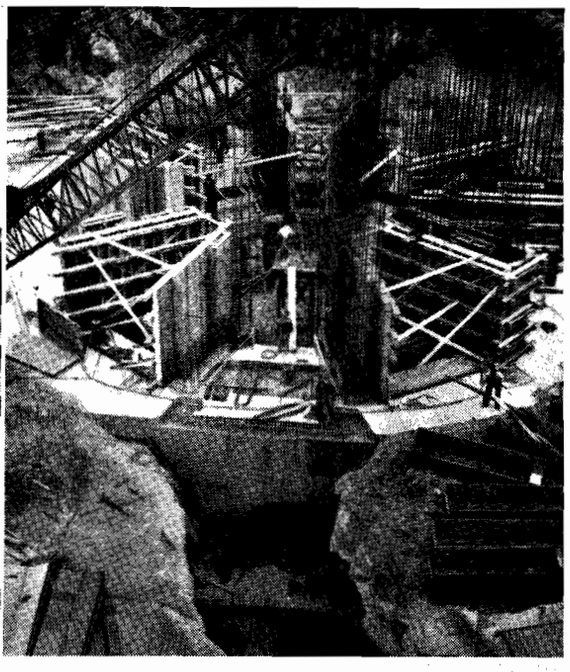


Above : Operating drill from second deck of jumbo. *Below :* Jumbo mounted on Caterpillar D.8 tractor. *Right :* Jumbo in tunnel, which is excavated to a diameter of 28 feet.

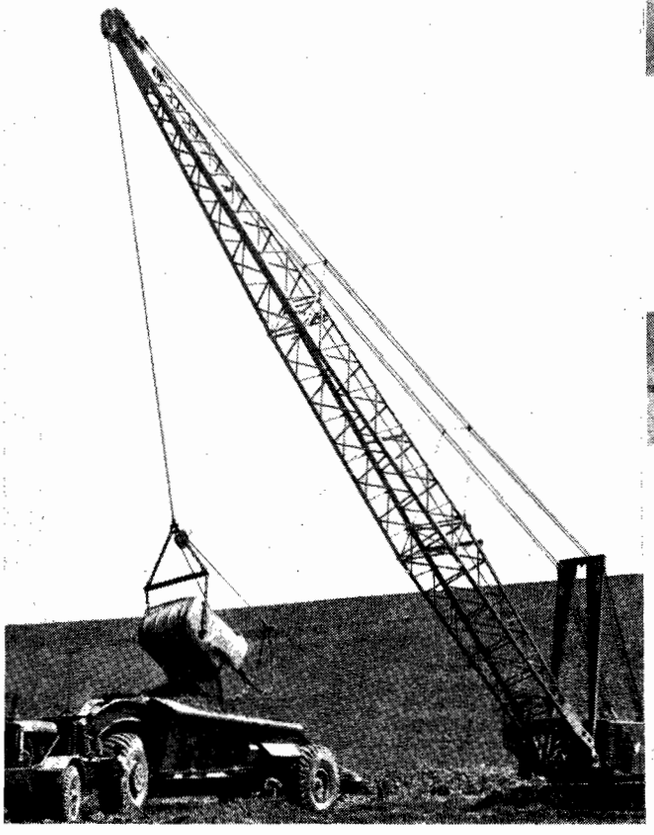


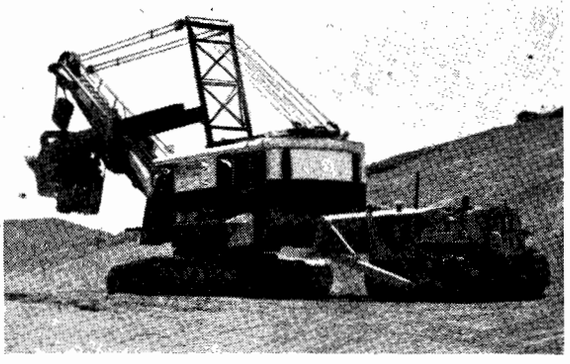




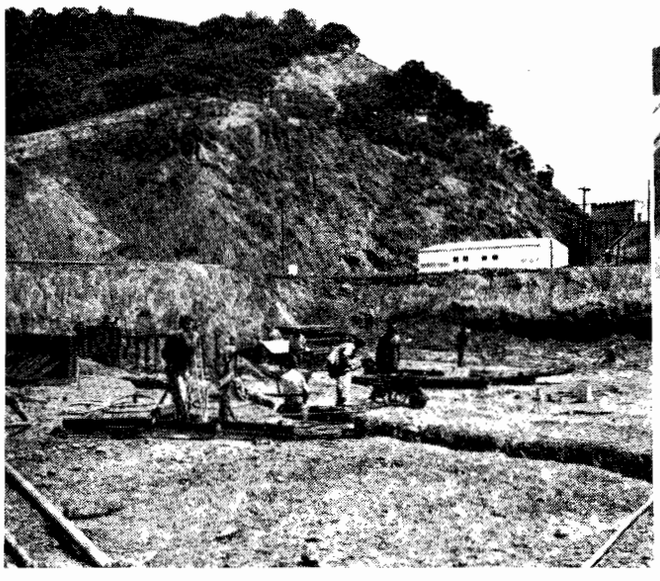


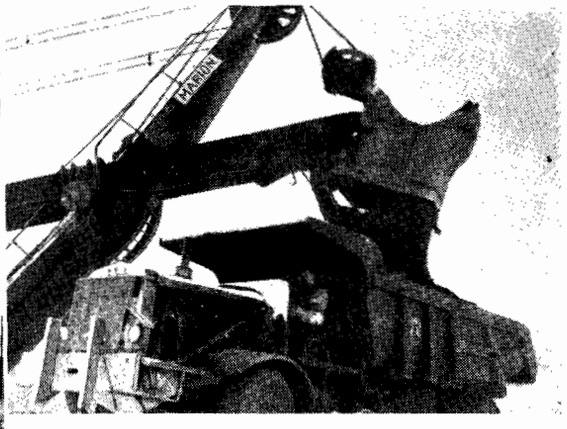
Above : Big Eildon Outlet Tower under construction on apron of existing spillway. *Right :* Earlier stage of construction. Excavation in foreground is to provide temporary outlet from reservoir during construction of new embankment.



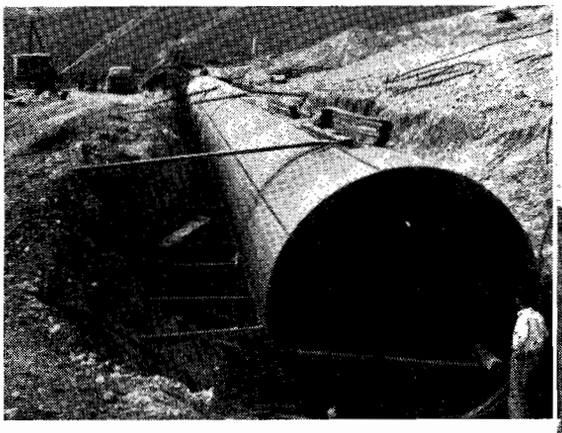


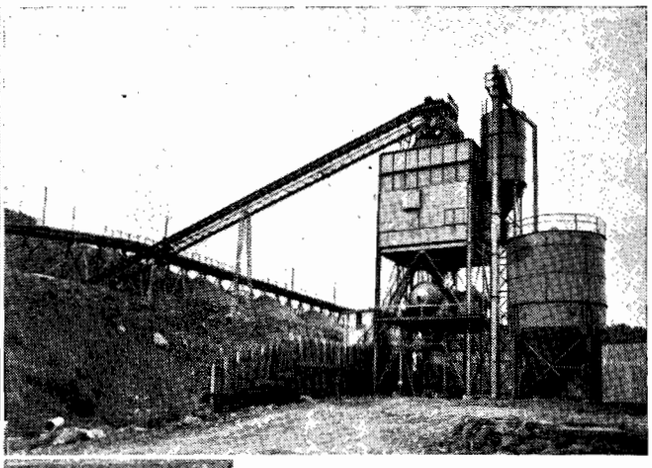
Above : A 3½ cubic yard Marion shovel being assisted up a grade by a tractor. The Marion weighs 109 tons. *Left :* A 5½ cubic yard Manitowoc dragline excavator, with a 120-ft. boom, loading spoil into 25 cubic yard Euclid bottom dump waggon. *Below :* Marion shovel loading 15 cubic yard end dump Euclid truck.





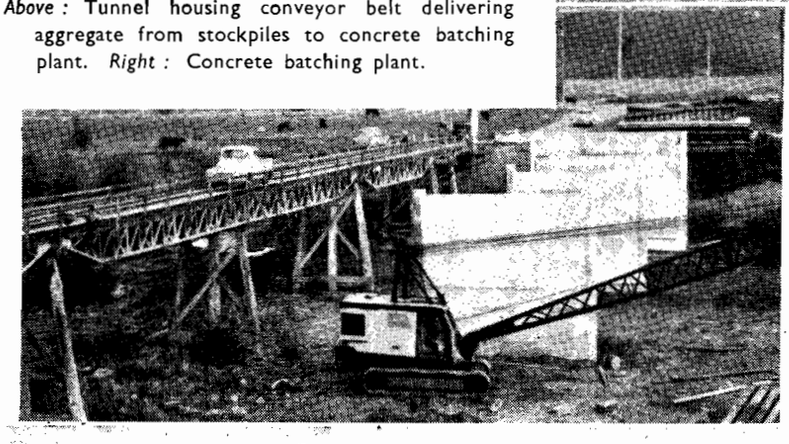
Left : View of foundation showing extent of excavation and work in progress on key trench and form work for cap wall. During the year 2,438,000 cubic yards of common material and 730,000 cubic yards of rock were excavated in the works area.



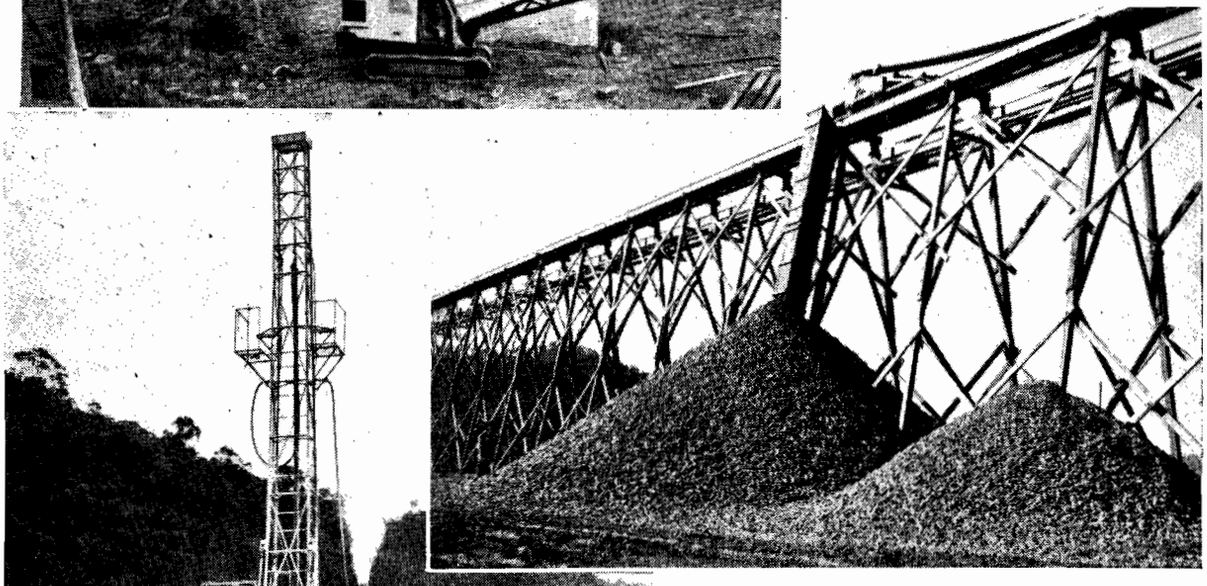


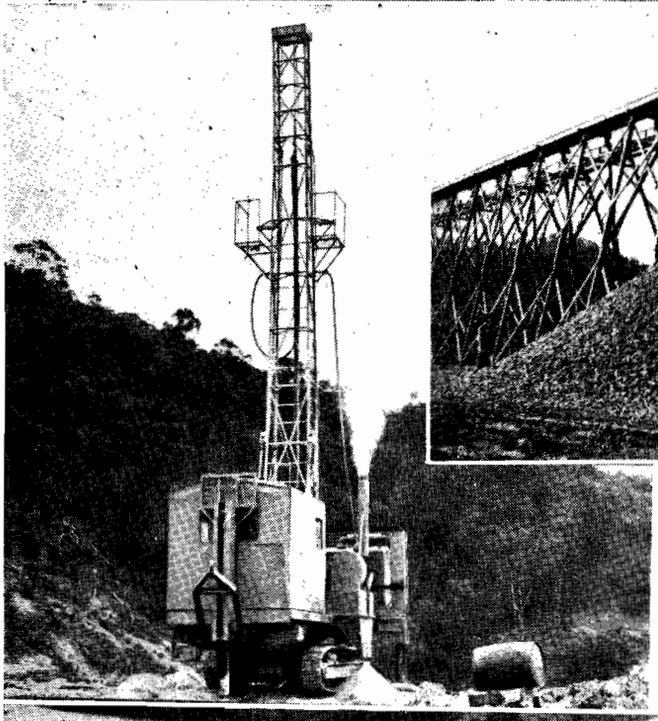
Above : Tunnel housing conveyor belt delivering aggregate from stockpiles to concrete batching plant. *Right :* Concrete batching plant.

Left : New Goulburn River bridge under construction alongside temporary bridge.



Below : Section of aggregate crushing plant. Crushed and graded stone is carried by conveyor belts on trestles to stockpiles.



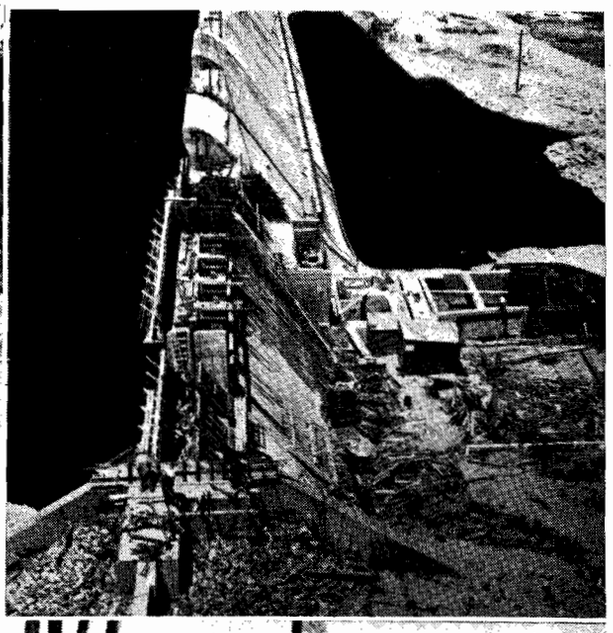


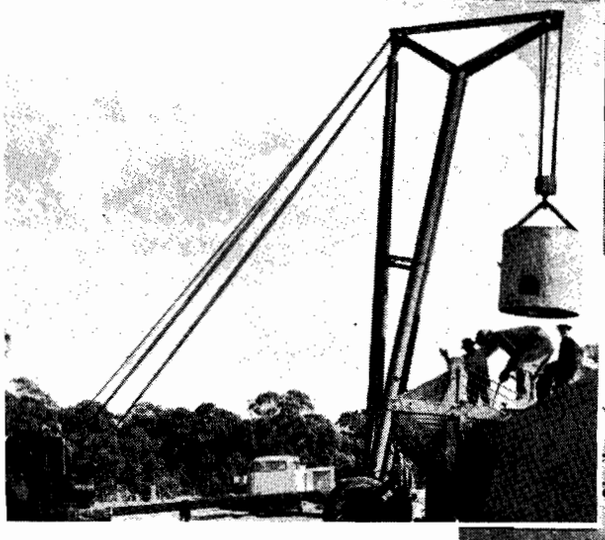
Left : Joy blast-hole driller operating on site of new spillway cut. Drilling to a diameter of $6\frac{3}{8}$ inches, the output of the machine on this site is 150 feet per hour.

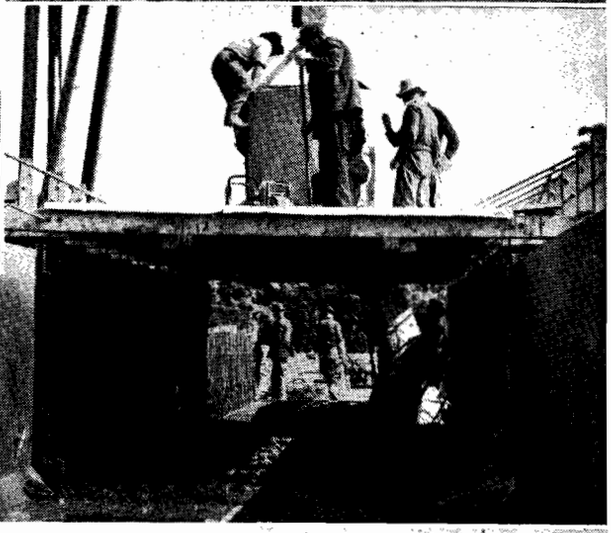
Below : General view of dam site, showing cut-off and cap walls and excavation of foundations.

ROCKLANDS RESERVOIR.

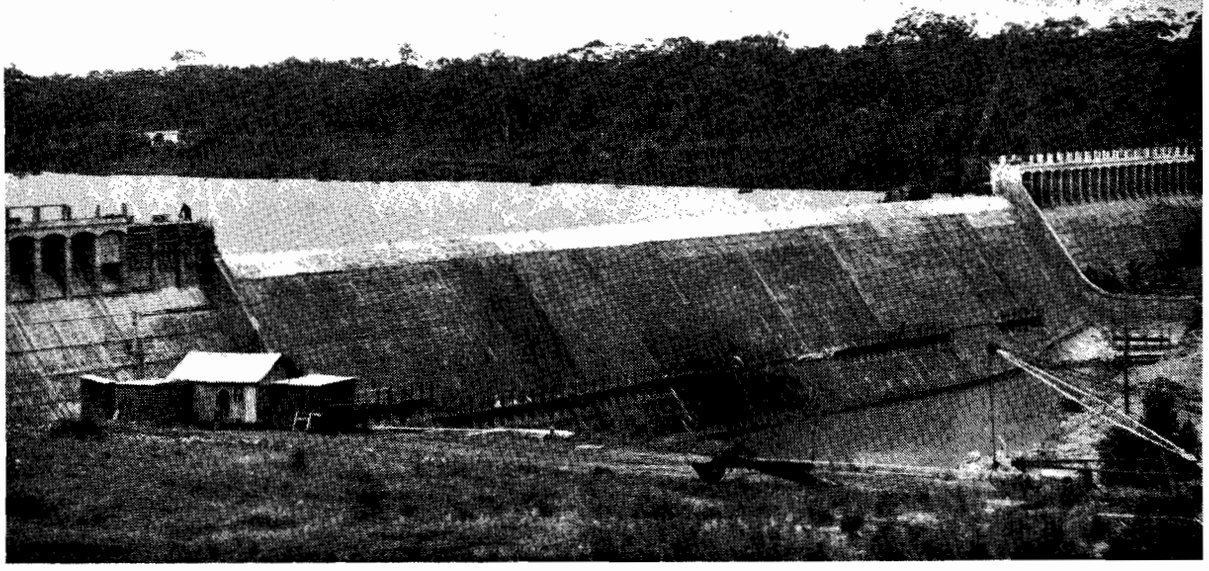
Left : Southern abutment to spillway section. *Below :* View from cableway tower of outlet works under construction. Storage of water commenced during the winter of 1951 and the reservoir contained 93,900 acre feet at the end of June, 1952. It will contain 272,000 acre feet at full supply level.

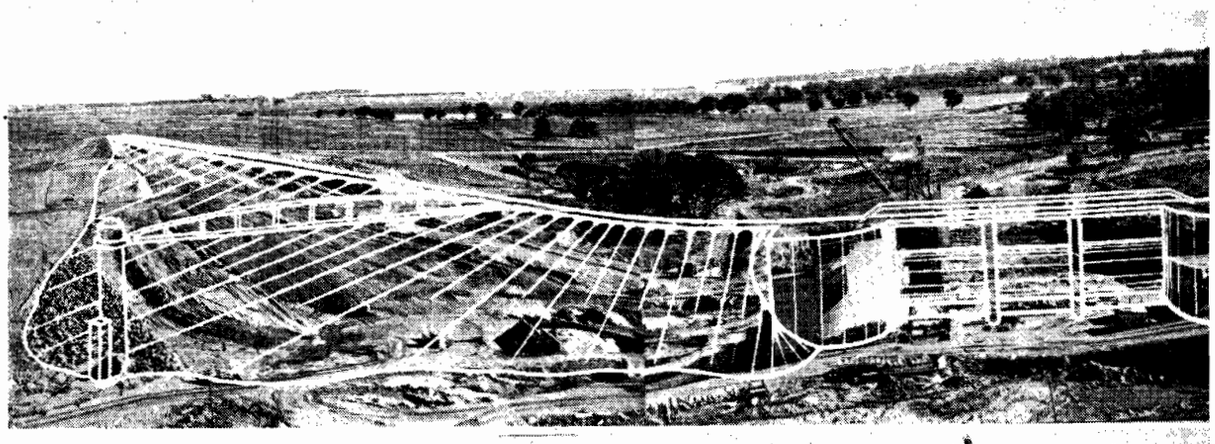






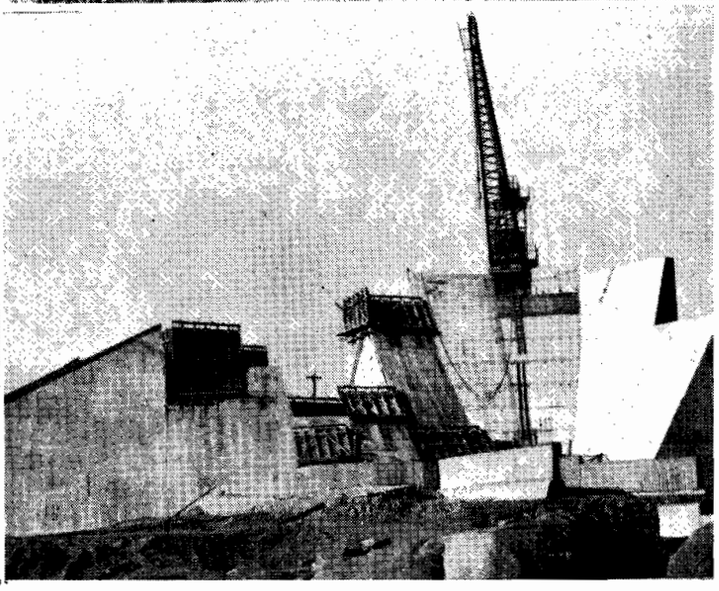
Above : Tractor operated crane delivering concrete for construction of bench flume on the Rocklands Toolondo Channel. *Right :* Concrete is placed on movable form. After completion of this section, form is moved forward to next section where reinforcement is being placed in position. *Below :* General view of Rocklands Reservoir.





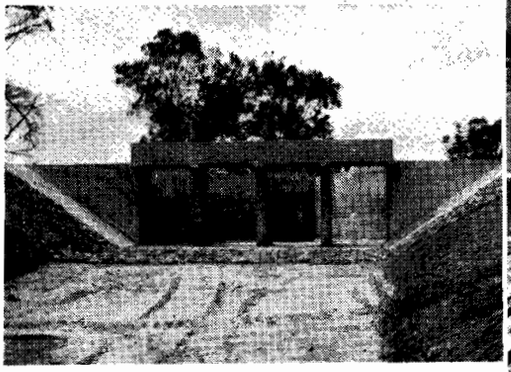
CAIRN CURRAN DAM.

Above : Profile of dam superimposed on panorama of works area. *Right :* Spillway abutment under construction. *Below :* Stothert and Pitt 6-ton portal crane used to erect formwork and place concrete.

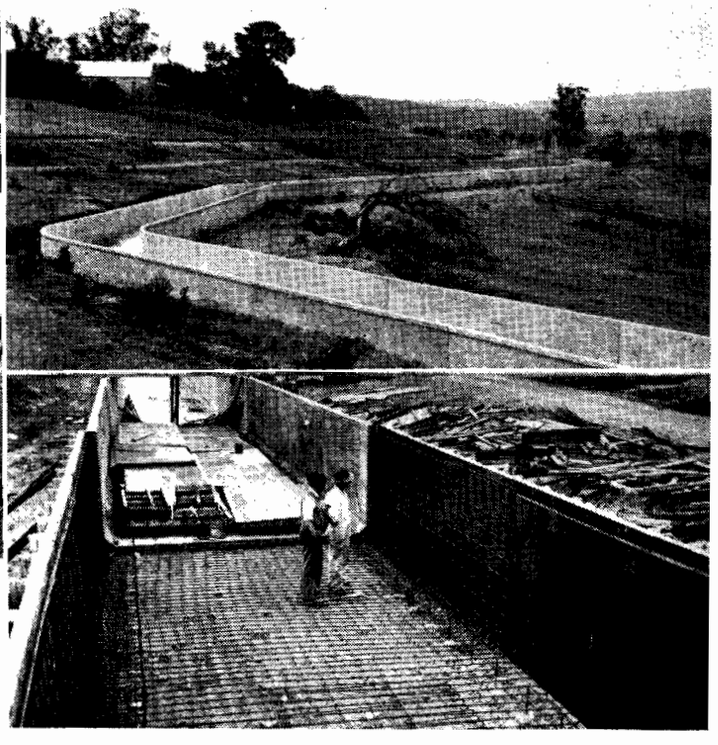


CENTRAL GIPPSLAND IRRIGATION PROJECT.

Pictures below show (*top*) the Main Southern Channel near Heyfield, and (*bottom*) a section of the channel under construction. The channel will carry water from Glenmaggie Reservoir to the inlet of the Thomson River Syphon.

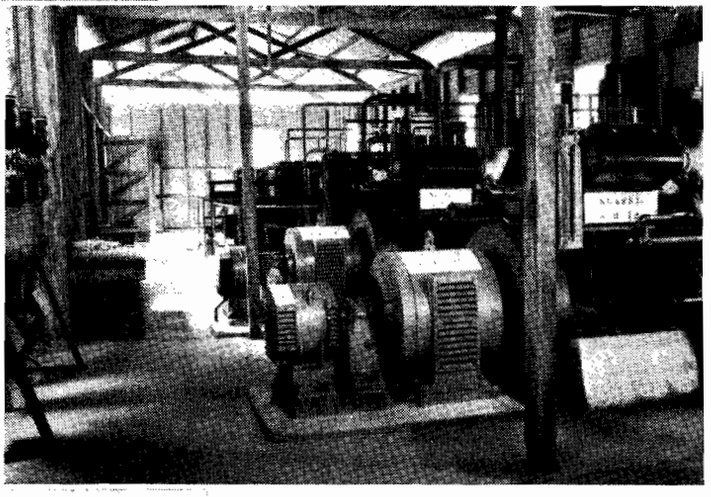


Above : Outlet of the Thomson River Syphon. The syphon is 7 feet in diameter and 66 chains in length. Water will become available to farms in the Nambrok-Denison area during the 1952–53 irrigation season.



TARAGO RIVER DIVERSION.

Downstream portal of tunnel which, for a distance of two miles, will form part of diversion works carrying water from the Tarago River into the Mornington Peninsula Waterworks System.



Interior of power house at downstream portal of the Tarago tunnel. Work on the project was suspended in June, at which time the tunnel had been driven for one-half of its total length.

ROBINVALE.

View of Soldier Settler's home and irrigated vines. The pipe line system for irrigation has now been extended to serve 166 blocks.

LITTLE RIVER WEIR.

This weir is a mass concrete structure 330 feet long and 7 feet high above river bed level. Its capacity of 120 acre feet can be increased to 225 acre feet by the addition of flash boards 2 feet in height.

By Authority: W. M. Houston, Government Printer, Melbourne.

STATE RIVERS AND WATER SUPPLY COMMISSION

MAP OF VICTORIA

SHOWING

COUNTRY WATER CONSERVATION WORKS

FOR

IRRIGATION,
DOMESTIC AND
STOCK SUPPLY SYSTEMS

1952

REFERENCE

- RESERVOIRS
- WEIRS
- MAIN CHANNELS
- TOWN WATER SUPPLIES:— COMMISSION / LOCAL AUTHORITY
- SEWERAGE AUTHORITIES:— OPERATING OR IN PROGRESS / PROPOSED
- IRRIGATION DISTRICTS
- WATERWORKS DISTRICTS
- FLOOD PROTECTION DISTRICTS
- RIVER IMPROVEMENT DISTRICTS

SCALE — 32 MILES TO 1 INCH.

PORT PHILIP BAY

BASS STRAIT

Cape Nelson

Cape Otway

Cape Schanck

Wilsons Promontory